

# EDUCATIONAL SPECIFICATION

## INDIAN RIDGE SCHOOL

**New Construction**  
**Grades K – 12**  
**Total Student Stations: 253**  
**FISH Capacity: 253**  
**Program Capacity: 105**

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



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Note: NSF throughout document refers to Net Square Feet.

## INTRODUCTION

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

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

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

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

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

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

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

## PHILOSOPHY AND GOALS

### I. PROGRAM PHILOSOPHY

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

The Board believes that successful implementation of its philosophy is highly dependent upon a positive, active, working partnership which includes the Board, administrators, teachers, staff, students, parents, community, business and industry. For this reason the support requirements for educational specifications were developed by a participatory process involving committees of educators, the Department of Exceptional Student 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.

**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**  
**Indian Ridge School**  
**New Construction**  
**Grades K – 12**  
**Total Student Stations: 253**  
**FISH Capacity: 253**  
**Program Capacity: 105**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>ADMINISTRATIVE/STUDENT SERVICES</b>						
<b>Elementary Prototype</b>						
1	Principal (50 NSF from conference room)	250		300		
1	Assistant Principal		175	175		
16	Administrative Office		150	2,400		
1	Bookkeeper			125		
1	Principal's Secretary			158		
1	ESE Secretary			158		
1	General Reception/Secretary			490		
1	Production/Workroom			386		
1	Computer Area/Data Processor			145		
2	Conference (50 NSF to principal and remaining NSF to be split into 2 conference rooms)	600		550		
1	Clinic (Board approved prototype-Middle)			653		
1	Administrative Storage			300		
3	School Store		50	150		
1	Records Vault/Student Records			289		
	Restrooms (out of staff restroom allotment)					
1	Textbook Storage			225		
1	School Police/Video Surveillance			175		
	<b>TOTAL</b>			<b>6,678</b>		
<b>ART</b>						
<b>Elementary Prototype</b>						
1	Art Laboratory			1,036		
1	Kiln			80		
1	Material Storage			155		
1	Project Storage			150		
	<b>TOTAL</b>			<b>1,421</b>		<b>0</b>
<b>COMPUTER/SKILLS LABORATORY</b>						
<b>Middle Prototype</b>						
1	Laboratory and storage			900	22	22
	<b>TOTAL</b>			<b>900</b>		<b>22</b>

Facility List by Areas

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>CUSTODIAL Elementary Prototype</b>						
	Central Receiving, Toilets, Showers, Custodial Closets			1,060		
1	Flammable Storage			155		
1	Equipment Storage			500		
1	Golf Cart Storage			150		
	<b>TOTAL</b>			<b>1,865</b>		<b>0</b>
<b>ELEMENTARY CLASSROOMS</b>						
4	ESE Elementary Classrooms		750	3,000	8	32
4	Student Restroom - M/F		35	140		
	<b>TOTAL</b>			<b>3,140</b>		<b>32</b>
<b>EXCEPTIONAL STUDENT EDUCATION</b>						
3	Seclusion Room		40	120		0
3	Observation Room		100	300		
1	ESE Changing Room/Restroom			150		
	<b>TOTAL</b>			<b>570</b>		<b>0</b>
<b>FOOD SERVICE Elementary Prototype</b>						
1	Dining			3,000		
1	Kitchen (including office and restroom)			2,600		
1	Chair Storage			193		
1	Staff Dining/Lounge			700		
	Staff Restrooms (out of allotment)					
	Student Restrooms (out of allotment)					
	<b>TOTAL</b>			<b>6,493</b>		<b>0</b>
<b>HIGH CLASSROOMS</b>						
12	ESE High Classroom		750	9,000	8	96
	<b>TOTAL</b>			<b>9,000</b>		<b>96</b>
<b>MEDIA CENTER Elementary Prototype</b>						
1	Reading Room/Stacks (including Group Projects, Periodical Storage & Small Group Listening)			2,400		
1	Professional Library/Media Production/Copying Room			660		
1	AV Storage/Maintenance and Repair/CCTV Storage			665		
1	CCTV Studio - Production and Control (100 NSF from Stage Control Booth)(500 NSF for Studio & 275 NSF for Control)	675		775		

Facility List by Areas

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
1	Technical Processing/Media Specialist's Office			350		
	Staff Restroom (out of allotment)					
	Student Restroom (out of allotment)					
	<b>TOTAL</b>			<b>4,850</b>		<b>0</b>
<b>MIDDLE CLASSROOMS</b>						
6	ESE Middle Classroom		750	4,500	8	48
	<b>TOTAL</b>			<b>4,500</b>		<b>48</b>
<b>MUSIC Elementary Prototype</b>						
1	Laboratory			1,456		
1	Material Storage/Reference Room			255		
	<b>TOTAL</b>			<b>1,711</b>		<b>0</b>
<b>PHYSICAL EDUCATION</b>						
1	Indoor Activity Lab			3,600		
1	PE Storage			315		
1	Teacher Planning with Restroom (from allotment)			-		
	Restroom, student (from allotment)			-		
	<b>TOTAL</b>			<b>3,915</b>		
<b>RESOURCE ROOMS</b>						
6	Resource Room		480	2,880		
6	Material Storage		90	540		
3	Restrooms (out of allotment)					
	<b>TOTAL</b>		<b>570</b>	<b>3,420</b>		<b>0</b>
<b>RESTROOMS (adjust square footage for FACBC and parity requirements)</b>						
	Public Restrooms			193		
	Student Restrooms			1,446		
	Staff Restrooms (near classrooms and teacher planning)			386		
	<b>TOTAL</b>			<b>2,024</b>		<b>0</b>
<b>SCIENCE High Prototype</b>						
1	Science Demonstration/Classroom		1,300	1,300	25	25
1	Project Storage		95	95		
1	Material Storage		95	95		
	<b>TOTAL</b>			<b>1,490</b>		<b>25</b>

Facility List by Areas

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>STAGE</b>						
1	Indoor Stage			500		
1	Stage Storage			300		
1	Control Booth (to CCTV Studio-Production)	100		0		
	<b>TOTAL</b>			<b>800</b>		<b>0</b>
<b>TEACHER PLANNING</b>						
1	Physical Education			100		
3	General Areas		400	1,200		
	<b>TOTAL</b>			<b>1,300</b>		<b>0</b>
<b>CAREER EDUCATION FAMILY &amp; CONSUMER SCIENCE</b>						
1	Life Skills Laboratory (kitchen)			1,200	17	17
1	Material Storage			155		
1	Project Storage			150		
1	Laundry			50		
	<b>TOTAL</b>			<b>1,555</b>		<b>17</b>
<b>CAREER EDUCATION TECHNOLOGY</b>						
1	Orient/Explore Technology Laboratory			1,200	13	13
1	Material Storage			90		
1	Project Storage			310		
	<b>TOTAL</b>			<b>1,600</b>		<b>13</b>

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

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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** - In addition to any bulletin boards specified in departmental specifications, there shall be located in all of the corridors and/or student common area the following: (a) for general administrative, provide eight lineal feet; (b) for student activities, eight lineal feet; (c) for general faculty, eight lineal feet; (d) for interscholastic activities, eight lineal feet; (e) for music, eight lineal feet; (f) for interdepartmental use, eight lineal feet. Bulletin (tack) boards 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

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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 the school, contractor to provide a lighted double sided marquee/school sign, 5’x10’ in size, with adequate electrical service stubbed out.
- AY.** Refer to the DDC – Electrical and DMS with regards to ceiling projectors raceway system. Contractor to provide ceiling projectors raceway system with all necessary wiring and properly supported projector mounting brackets in all instructional spaces and other designated areas. Obtain the latest detail of installation and specifications from the District’s Network Services Department.
- AZ.** Contractor to provide and install wall mounted pencil sharpeners and flag pole holders with proper backing in all necessary areas. Contractor to provide and installed AV screens and brackets with proper backing in all necessary areas. Provide proper backing for all mounted equipment where necessary.
- BA.** Each school shall have a lightning detection device.

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- BB.** All built-in counters shall have wire management holes (grommets) to service telephones and computer hook-ups.
- BC.** When possible, the “head-in” equipment shall be located in the production room in the Library Media Center. The equipment should not be located in the control room of the CCTV studio.
- BD.** Schools under modernization and/or comprehensive addition shall have the interior signage comply with the building and room numbering of the School District’s guidelines. Room names and numbers on signage shall be coordinated with SDPBC Interior Design Coordinators.
- BE.** Contractor to provide a 30’ high flagpole with two complete rope systems. The flagpole shall be located near the main office/administration.
- BF.** Refer to the DDC – electrical and DMS with regards to conduit and junction box for sound field enhancement system.
- BG.** Classrooms, instructional areas and other designated areas shall be equipped with built-in multimedia cabinets, provided by the contractor, for TV, LCD, DVD/VCR, and other multi-media equipment. The multimedia cabinet shall be approximately 48” in height with the capability to have a 27” TV sit on top of the cabinet. The multimedia cabinet shall include lockable doors with adjustable shelving for equipment and grommets for wire management. The cabinet shall be located on the teaching wall.
- BH.** All upper cabinets shall have a 12” clear inside depth to store standard binders.

**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 racks are not needed at Indian Ridge School.
- 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, 20 school buses and 10 private transport vehicles 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. Student pedestrian traffic to play fields shall not cross any vehicular traffic area.
4. Refer to **District Design Criteria (DDC)**.

**ADMINISTRATIVE/STUDENT SERVICES**

**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.
3. Provide an effective therapeutic component to students and their families.

**B. Student Services Goals**

1. Provide individual, group and family therapeutic services to students and their families.
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 to include IEP meetings with parents and other district staff regarding the needs, problems and development of individual students.
5. Establish effective liaison between the school and community, health agencies and social service agencies.
6. Provide psychiatric examinations and medical management for students currently at Indian Ridge School and provide assessments to assist IEP Teams to determine the appropriate placement for a student. To provide psychiatric consultation to district family counselors and families of students at Indian Ridge School.

**III. PROGRAM ACTIVITIES**

**A. Administrative Activities**

1. Conferences/IEP meetings
2. Development of schedules
3. Handling budgets and finances

Administrative/Student Services

4. Clerical and duplicating services
5. Public relations activities
6. Materials storage
7. Health services/Psychiatric services
8. Data processing

**B. Student Service Activities**

1. **Interviewing:** one-to-one with student, teacher, or parent
2. **Counseling/Therapy:** one-to-one with student or parent; group of eight or ten students or parents
3. **Testing:** one-to-one in school psychologist's office
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.
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, Assistant Principal, and Student Advocate Specialists
2. Secretarial/Clerical personnel
3. Psychiatrist, ESE contact and School Psychologist

**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. School Police Officer/video surveillance monitoring equipment room shall be located in the academic wing; it shall be handicapped accessible, lockable and with no windows. It shall be keyed separately and located so that radio communications do not interfere with computer/data processing.
- B. 50 NSF from Conference Room to increase the Principal's office to 300 NSF.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>ADMINISTRATIVE/STUDENT SERVICES</b>						
<b>Elementary Prototype</b>						
1	Principal (50 NSF from conference room)	250		300		
1	Assistant Principal		175	175		
16	Administrative Office		150	2,400		
1	Bookkeeper			125		
1	Principal's Secretary			158		
1	ESE Secretary			158		
1	General Reception/Secretary			490		
1	Production/Workroom			386		
1	Computer Area/Data Processor			145		
2	Conference (50 NSF to principal and remaining NSF to be split into 2 conference rooms)	600		550		
1	Clinic (Board approved prototype-Middle)			653		
1	Administrative Storage			300		
3	School Store		50	150		
1	Records Vault/Student Records			289		
	Restrooms (out of staff restroom allotment)					
1	Textbook Storage			225		
1	School Police/Video Surveillance			175		
	<b>TOTAL</b>			<b>6,678</b>		

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Principal's Office**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk/workstation with chair
4		X	Side arm chair
1		X	File Cabinet, four drawer, legal, lateral & lockable
1		X	Computer & Printer
1		X	Bookcase
1		X	Table, round, 42"-48"
1	X		Tack board, 3' x 4'
1	X		Clock

Administrative/Student Services



**B. Assistant Principal Office; School Police, Principal's Secretary & ESE Secretary**

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

**C. Administrative Office, Bookkeeper & Data Processor**

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	Small table for group activities
1	X		Tack board, 3' x 4'
1	X		Clock
	X		Built-ins (refer to special considerations)

**D. Reception/Secretary Area**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
5		X	Chairs for visitors
1		X	End table
2		X	Computer & Printer
1		X	Bookcase
1	X		Recessed Display Case, 6'W x 4'H
1	X		Tack Board, 3' x 4'
1	X		Clock
	X		Built-ins (refer to special considerations)

**E. 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, 8' x 4' with tack strip
1	X		6' x 8' video format screen with black masking borders
1	X		Clock

Administrative/Student Services

	X		Built-ins (refer to special considerations)
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**F. Production / Workroom**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Collator
2		X	Copier
1		X	Paper cutter
3		X	Work table
6		X	Chairs
1	X		Double sink with goose neck faucet (HW/CW)
2		X	Vending machines
1	X		Refrigerator, residential, 18-20 cubic ft
1		X	Microwave
1		X	Computer
1		X	Printer
1	X		Tack board, 6' x 4' (located near staff mailboxes)
1	X		Staff mailboxes (100 minimum) set on a 30"H x 24"D counter with larger cubby/mailboxes underneath to receive large packages. Mailboxes shall be 4"h x 14" d x 12" w clear inside
1	X		Drop Safe (refer to built-in for details)
1	X		Clock
	X		Built-ins (refer to special considerations)

**G. Clinic (Board approved prototype)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
5		X	Cots
4	X		Cubicle curtains on track for cots
5-6		X	Straight chairs
1		X	Desk/workstation
2		X	Task Chair
1		X	Medical Scale
2		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Rolling supply cart/ Table Cart
1		X	Hazardous Waste Disposal and Trash Receptacles
1		X	Sharp's Container
1		X	Utility Table
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)
2	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'

Administrative/Student Services

	X		Built-ins (refer to special considerations)
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#### H. Records (minimum one-hour fire rating)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	File cabinet, four-drawer, legal, lateral, lockable or moveable records filing system
1		X	Metal storage cabinets, with adjustable shelving
1	X		Key cabinet, lockable, mounted
1	X		Clock
1		X	Computer
1		X	Printer
1		X	Workstation
1		X	Work Table
1		X	Fax Machine
1		X	Copier
	X		Built-ins (refer to special considerations)

#### I. 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)

#### I. Textbook Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Barcode reader and scanner for textbooks
1	X		Built-ins (refer to special consideration)

### 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.

Administrative/Student Services

- 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 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.
- 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 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

Administrative/Student Services

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.
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.

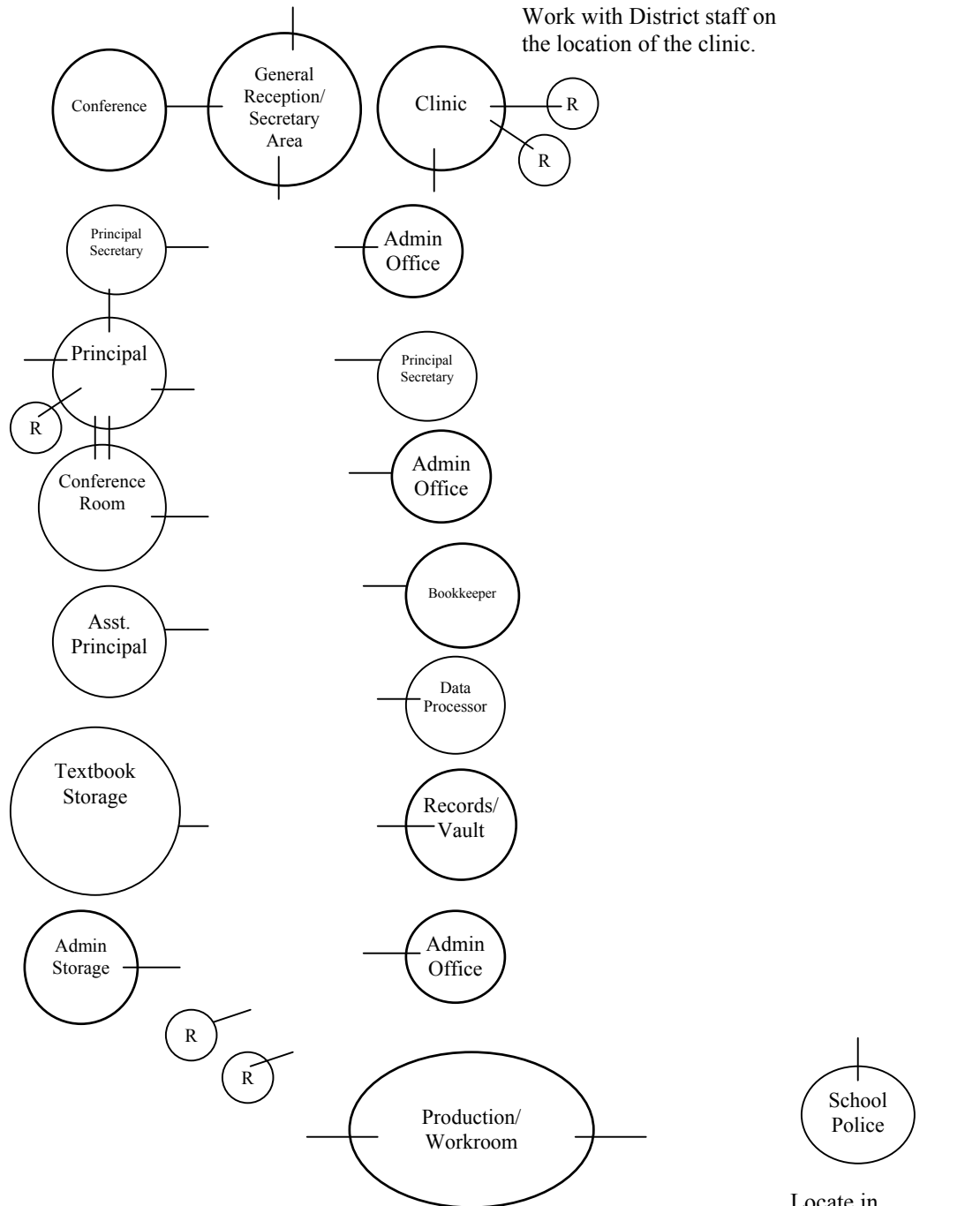
7. **Data Processor/Computer Area** - Open counter workspace, 30"H x 28"D, on one wall with desk in corner. Open shelving with fixed ends above counter and on opposite wall.

**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.

**SPATIAL RELATIONSHIPS**

**Administrative/Student Services**



R = Restroom

Note: Administrative Offices will be located in the Instructional Wing next to Teacher Planning (see classroom sections for spatial)

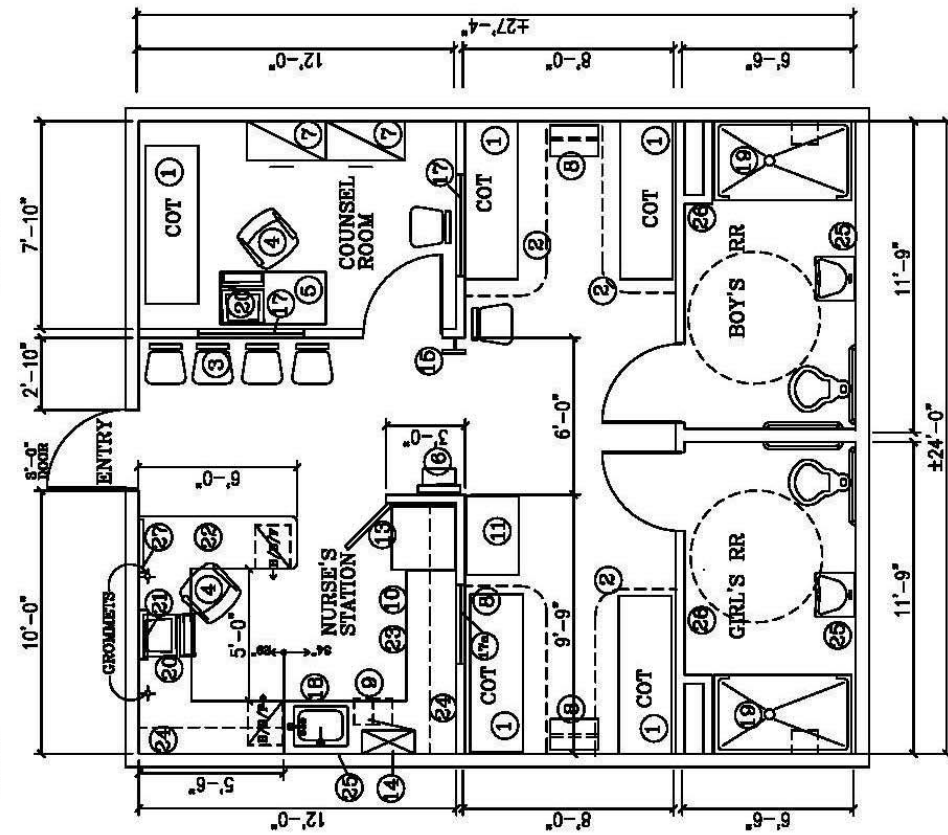
Administrative/Student Services

LAST REVISED - 4/30/04

**EQUIPMENT LEGEND**

- 1 6 COTS (ONE INSIDE COUNSEL AREA)
- 2 SURFACE CURTAIN ON TRACK FOR CURTAIN TO START @ 12" A.F.F. (EXCLUDES COUNSEL AREA)
- 3 STUDENT CHAIRS
- 4 NURSE'S TASK CHAIR
- 5 30"x60" DESK (IN COUNSEL AREA)
- 6 BALANCE BEAM MEDICAL SCALE
- 7 8-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 NOT USED
- 13 FULL HT. LOCKABLE REFRIG. & LOCKABLE FREEZER W/ICEMAKER 21 CU. FT., (VERIFY DIM. OF EQUIP. W/MILLIFORK CONT.)
- 14 DEL. LOCKABLE METAL NARCOTICS CABINET DIM'S OF 24"W. X 10"D. X 30"H.
- 15 SUPERVISION MIRROR, MOUNTED @ 7' A.F.F.
- 16 NOT USED
- 17 FIXED OBSERVATION WINDOW ± 36"W. X 46"H. CENTERED ON WALL - W/VERT. SLINDS
- 18 FIXED OBSERVATION WINDOW - BETWEEN UPPER & LOWER CABINETS/RECEPTACULAR ±30" X 56-36" IN LENGTH CENTERED ON WALL
- 19 COUNTERTOP @ 34" A.F.F. W/36" X 36" SINK (SIC/STY) COMMERCK PALINET W/ATTACHED SIDE SWING PARKABE SLANT PANEL BELOW COUNTER TO CONCEAL PLUMBING
- 20 ADA PRE-PAR SHOWER W/NO CURB - FOLD DOWN SEAT IN SHOWER
- 21 COMPUTERS & PHONES (OUTLETS @ 16" A.F.F.)
- 22 CLOCK & P.A. SYSTEM - ABOVE COMPUTER @ NURSE'S STATION
- 23 COUNTERTOP @ 36" A.F.F. TO INCLUDE: GROMMETS, (2) 20X/30X FILE FEEDSTAYS
- 24 BASE CABINET STORAGE W/DOORS - 34" A.F.F. W/ADJ. SHELVES -
- 25 UPPER CABINET W/DOORS & ADJ. SHELVES
- 26 LOCATION OF SOAP /PAPER TOWEL DISPENSER ADJACENT TO SINK
- 27 LOCATION FOR WHEELCHAIR STORAGE
- 28 2' X 4' TACKBOARD @ NURSE'S STATION

MIDDLE SCHOOL CLINIC  
N.T.S.



**GENERAL NOTES**

- ALL CABINETS TO BE LOCKABLE
- HOMOGENEOUS SHEET VINYL FLOORING IN CLINIC/COUNSEL RM.
- CERAMIC TILE FLOORING IN RESTROOMS
- DOORS TO RESTROOMS TO BE 48" MIN. CLEARANCE
- ALL RESTROOM FIXTURES, SANITARY TO MEET A.D.A. REQUIREMENTS PER FL. BLDG. CODE 8001
- PLEASE SEE FF&E MANUAL FOR CONTRACTOR PROVIDED ITEMS

## ART

### I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

### II. PROGRAM GOALS

The five major goals of art education in the elementary grades are as follows:

- A. To perceive and respond to various aspects of art.
- B. To value art as an important realm of human experience.
- C. To produce works of art.
- D. To know about art.
- F. To make and justify statements about the quality and merit of works of art.

### III. PROGRAM ACTIVITIES

Art activities in the elementary school include the following:

- A. **Drawing** - (crayon, chalk, pencil, charcoal, ink, paper, matboard)
- B. **Painting** - (water soluble, polymer)
- C. **Constructing / Forming** - (wood, paper, wire, clay, fabrics, fibers, threads, found material)
- D. **Viewing** - (slides, overhead transparencies, opaque and movie projection, video tape equipment)
- E. **Displaying** - (for both two- and three-dimensional art works)
- F. **Printing** - (silk screen, stencil, linoleum, collograph, monoprint)
- G. **Storing** - (individual student storage for both two- and three-dimensional material; bulk storage; space within classroom area for materials/supplies; still-life objects and things in daily use).

### IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: varies

Grade Levels for Which Program is Intended: K-12

Art



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

N/A

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

- A. Art patio is needed adjacent to Art Laboratory.
- B. Kiln square footage has been increased to accommodate program needs.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>ART Elementary Prototype</b>						
1	Art Laboratory			1,036		
1	Kiln			80		
1	Material Storage			155		
1	Project Storage			150		
<b>TOTAL</b>				<b>1,421</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Laboratory**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Wooden stool, 17"-18"
4		X	Art table, 60" l x 42"w x 29"-30" h
6		X	Easel, double-sided, with removable paint trays
3		X	Hot plate, single unit, with temperature controls
2		X	Pencil sharpener, electrical
1		X	Mat cutter, 30" x 40"
2		X	Drying rack, portable
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher desk/workstation with chair
1		X	Teacher computer and printer
4		X	Spotlight, portable
4		X	Computer
2		X	Printer
2	X		Stainless steel, double bowl, sink with separate goose neck faucets (CW) and separate clay traps.
4		X	Pottery wheel, electric
1	X		Teacher storage cabinet, lockable, 36"W x 30"D x 72"H, cabinet, with adjustable shelving, lockable

Art

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Marker board, 6' x 4' with map rail and flag holder
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
1	X		Clock
	X		Built-ins (refer to special considerations)

**B. Kiln Room**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Cart, two shelves
1	X		Utility tub (HW/CW) with clay trap
1	X		Kiln, electric, top loader with approximately 9 cu. ft. of inside space with kiln furniture
	X		Built-ins (refer to special considerations)

**C. Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Cart, two trays
1	X		Cabinet, double door, lockable
2		X	Clay storage container, on casters, tight-fitting top, metal lined
1		X	Cart for storing two-dimensional reproductions, minimum interior, 24" x 30"
8		X	Paper roller
	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. The floor shall be colored sealer on concrete in the kiln room. Classroom and kiln room shall have floor drains with lift-out sediment traps for easy cleaning. Threshold shall be 1/2" h to keep water from flowing out of room when rinsing floor. The floor covering shall be durable, smooth, resilient and easy to clean.
- D. Walls** - As required to meet District Standards. Provide tackable vinyl covered wall panels where space allows, including cabinet fronts.

Art

- E. **Ceiling** - As required to meet District Standards. Laboratory shall have a system of a least six hooks in the student work area to support, approximately 150 lb. each, used to hand weaving frames, drying lines, mobiles, etc.
- F. **Lighting** - As required to meet District Standards. In addition to regular lighting, provide track lights for display on bulletin board wall and display areas. Provide ceiling attachments and outlets for portable spotlights for still-life arrangements and figure poses. No plastic covers on lights in the kiln 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** -
1. Kiln room precautions for excessive heat/noxious fumes.
  2. Adequate ventilation for chemicals and acids.
  3. 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. **Laboratory** - Provide counter, 30"H x 30"D, along three walls, with cabinets (mix of upper cabinets with doors and without doors), adjustable shelves, lockable door (one key). Inside shelving shall accommodate 18" x 24" paper. One cabinet or storage shelf for mat board storage, 32"H x 40"D. One counter area for paper cutter, 30"H x 40"D. 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. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with

Art

adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.

2. **Kiln Room** – Provide maximum steel shelving, 18”, on all walls with proper backing for mounting.
3. **Storage** - One wall, with closed base cabinets; cabinets above, with adjustable shelves. One wall, with open, fixed shelving, floor-to-ceiling, 18"D and 20" apart. One wall, with working-height counter and open, fixed shelving above, 12"D and 18" apart. Project storage shall include five shelves for 24" x 30" matted student work. Closed cabinets shall be lockable.
4. **School Display/Exhibition** - Provide recessed display cabinet (6'W x 4'H) for students' art work in hallways, cafeteria and reception areas of the school. A gallery space shall be included adjacent to media center and administrative office area.

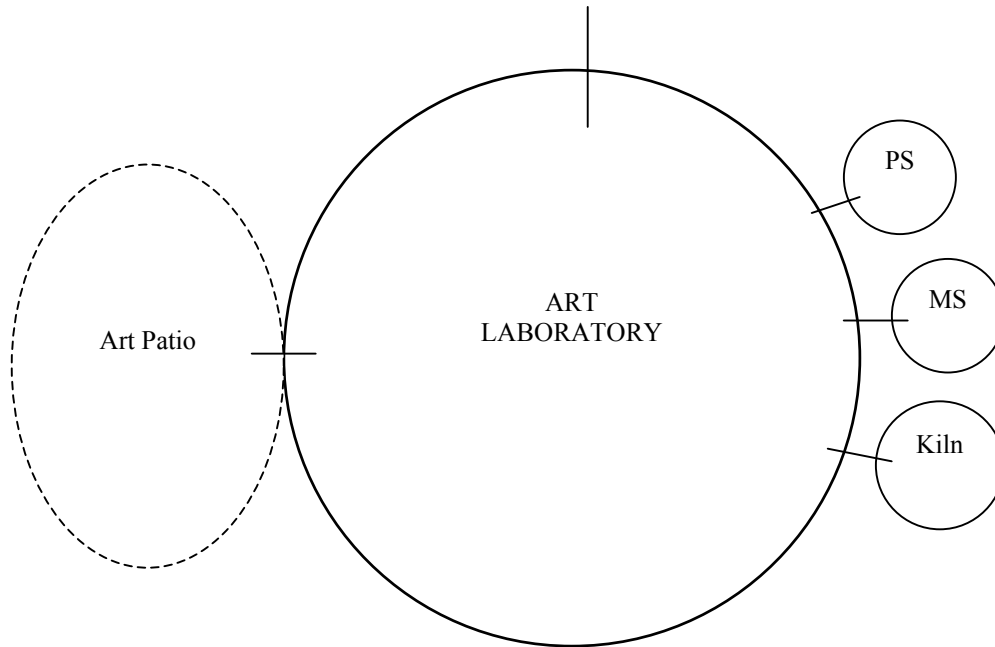
Provide space in classroom, between cabinet tops and ceiling approximately 24”, for still-life objects and large projects.

**S. Other Considerations -**

1. The kiln room shall be a one hour rated enclosure.
2. Provide benches for Art patio.
3. Art patio, provided by contractor, shall have a north or east exposure.

# SPATIAL RELATIONSHIPS

## Art



MS – Material Storage  
PS – Project Storage  
R – Restroom, student

Art

## **COMPUTER/SKILLS 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. Material storage, student storage and teacher planning shall be folded into the classroom for flexibility purposes and to increase the size of the classroom to 900 NSF.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>COMPUTER/SKILLS LABORATORY</b>						
<b>Middle Prototype</b>						
1	Laboratory and storage			900	22	22
	<b>TOTAL</b>			<b>900</b>		<b>22</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Laboratory**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Workstation with wire management
1		X	Table, 30" x 72"
1		X	Teacher desk/workstation with chair
1		X	Speaker's lectern, 42" x 25" x 11-3/4"
2		X	File cabinet, four-drawer, legal, lateral, lockable
20-25		X	Chair, stackable
1		X	Pencil sharpener, electric
15		X	Computers
4		X	Printers
1	X		Marker Board, 4' x 16', with map rails and flag holder.
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock (contacted to master bell system)
1	X		TV/Multimedia Cabinet (refer to general 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.

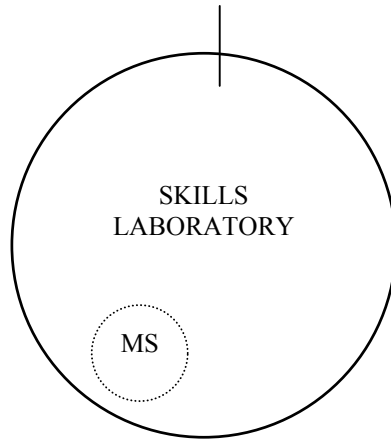
Skills Development Laboratory

- 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. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
  2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable.
  3. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet in Computer Skills Development Laboratory. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** – N/A



## SPATIAL RELATIONSHIPS

### Skills Development Laboratory



MS = Material Storage  
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

Custodial

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**

N/A

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Sta. Total.
<b>CUSTODIAL</b>						
	Central Receiving, Toilets, Showers, Custodial Closets			1,060		
1	Flammable Storage			155		
1	Equipment Storage			500		
1	Golf Cart Storage			150		
	<b>TOTAL</b>			<b>1,865</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Custodial Foreperson Office**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Metal desk/workstation with chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Side arm chair,
1		X	Computer
1		X	Printer
1	X		Clock

Custodial

**B. Main Custodial Room/Central Receiving /Workroom/Equipment Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	Table with chair
1		X	Workbench
1		X	Time clock, automatic
1		X	Time card rack
1	X		Tack Board, 4' x 4'
1		X	File cabinet, four-drawer, legal, lateral, lockable
6		X	Stepladders: two 10'H, two 6'H, two 3'H
4		X	Custodial cart
1		X	Flat cart, four-wheel, for material handling
2		X	Vacuum cleaner, heavy-duty, wet/dry, with accessories
2		X	Vacuum cleaner, upright, high productivity, with beater bar
4		X	Vacuum cleaner, backpack, with accessories
1		X	Desk mover
1		X	Floor machine, 18" - 21", high speed, 275 - 300 rpm, for spray buff for resilient floor areas
1		X	Floor machine, 20", burnishing, 1500 - 2000 rpm
2		X	Floor machine, 18"W, standard
3		X	Hand truck
1		X	Telescoping ladder
2		X	Stripping brush, 18"W, Flo-Pac
1		X	Sweeper, battery-powered, interchangeable brush for inside/outside or push-type sweepers, with side broom
2		X	Floor Fan
1		X	Vise
2		X	Tank sprayer, plastic
1	X		First Aid kit, wall-mounted
3		X	Safety goggle
1		X	Screwdriver, set
1		X	Wrench, open-end set
1		X	Wrench, adjustable set (6", 8", 10")
1		X	Hammer
1		X	Electric drill, 3"
1		X	Drill set
1		X	Socket set (40 - piece)
1		X	Offset pliers
1		X	Regular pliers
1	X		Service sink (HW/CW)
1	X		Safety shower with no curb
1	X		Washer, commercial
1	X		Dryer, commercial
1	X		Eye wash station.
1	X		Refrigerator, residential, 22 cu. ft.
		X	Vending machine(s)
1	X		Fire blanket
	X		Fire extinguishers conforming to the State Requirements for Educational Facilities (S.R.E.F.)
1	X		Key box
6	X		Lockers
1	X		Clock

Custodial

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

**C. Flammable Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Blower, gasoline-powered, hand-held or backpack
1		X	Pressure sprayer, gasoline-powered
1		X	Pressure cleaner
	X		Fire extinguishers, per code
1	X		Fire blanket
	X		Built-ins (refer to special considerations)

**D. 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)

**E. 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)

**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 Custodial

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**
  - 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

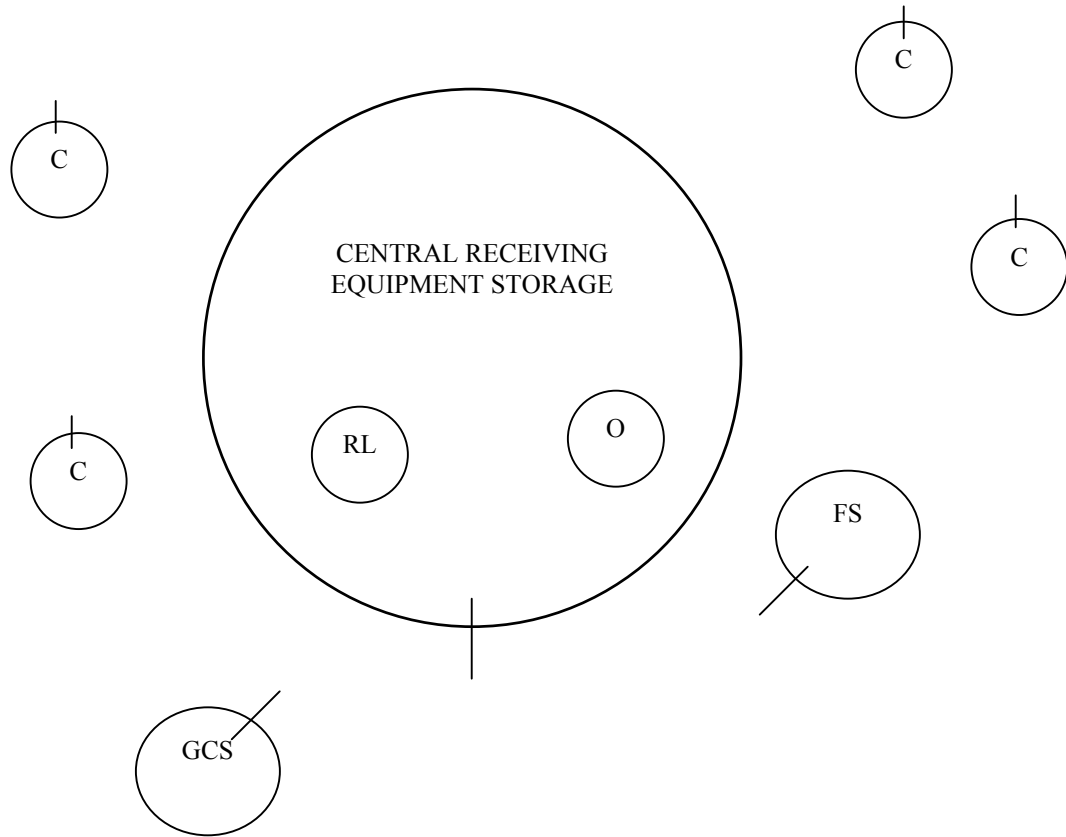
Custodial

**S. Other Considerations**

1. Trash compactor, located in depressed area, to accept and compact all trash and garbage for pick-up by local trash contractor.

# SPATIAL RELATIONSHIPS

## Custodial



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

Custodial



**ELEMENTARY CLASSROOM**

**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

**II. PROGRAM GOALS**

The goals of the elementary level program for students are to:

- A. Develop oral / written communication skills, mathematical skills, science process skills, and motor / fitness skills.
- B. Develop social skills, implement master therapeutic treatment and competencies unique to each individual student.
- C. Provide enrichment and growth experiences in the fine arts.
- D. Implement a school-wide behavior management plan.

**III. PROGRAM ACTIVITIES**

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

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: 1:6  
 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

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>ELEMENTARY CLASSROOMS</b>						
4	ESE Elementary Classrooms		750	3,000	8	32
4	Student Restroom – M/F		35	140		
	<b>TOTAL</b>			<b>3,140</b>		<b>32</b>

Elementary Classrooms

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Classroom (per classroom)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
10		X	Student desk, single, flat-topped, adjustable
2		X	Table, multi-purpose
1		X	Teacher desk/workstation with chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
2		X	Learning stations
15-20		X	Chair, 15"-16", stackable
1		X	Map, globe
1		X	Pencil sharpener, electric
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.
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
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		Clock
	X		Built-ins (refer to special considerations)

## IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

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

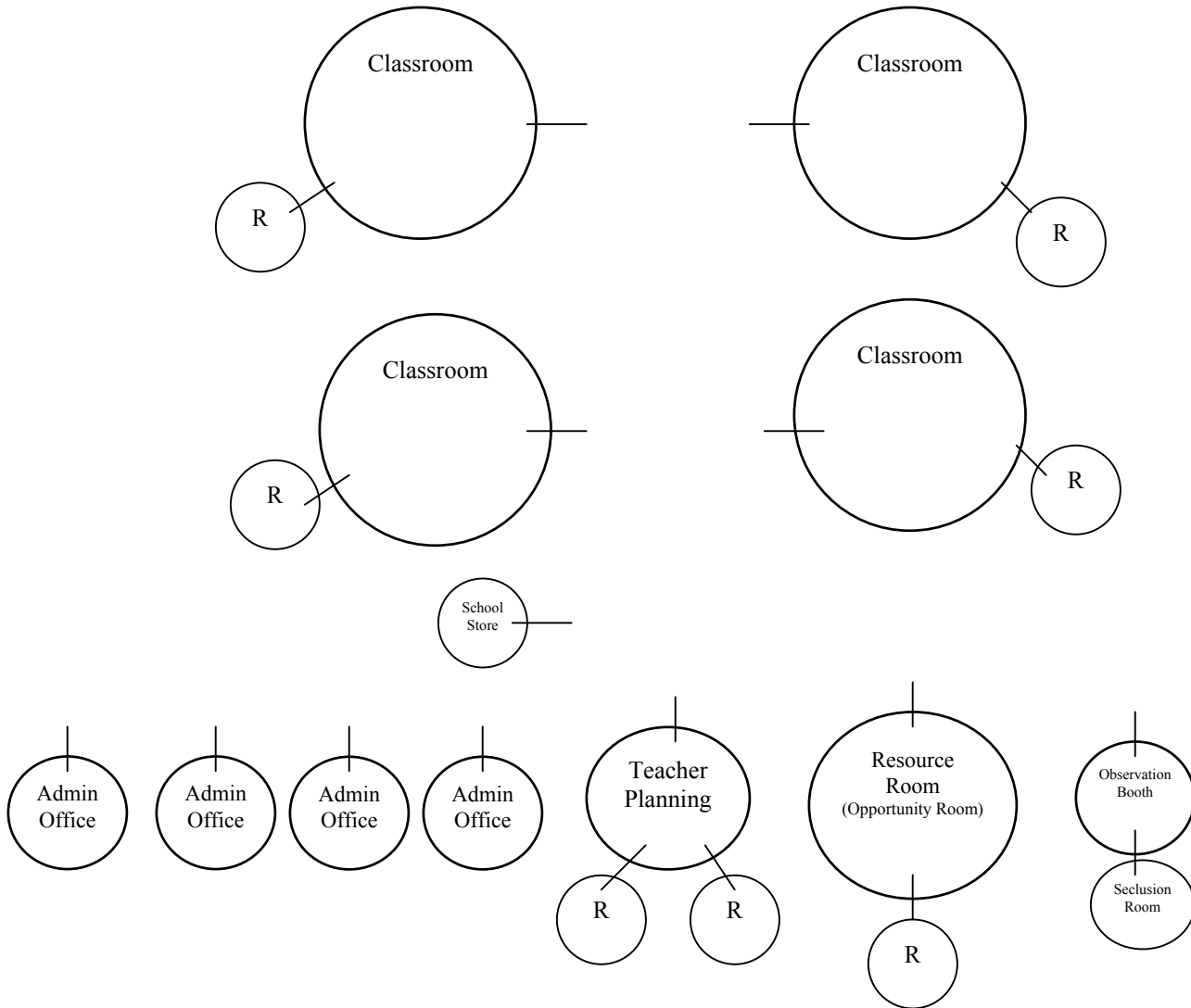
- A. Heating/Cooling/Ventilation - As required to meet District Standards.
- B. Acoustical - As required to meet District Standards.
- C. Floor - As required to meet District Standards.
- D. Walls - As required to meet District Standards.
- E. Ceiling - As required to meet District Standards.
- F. Lighting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

Elementary Classrooms

- 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 (12), 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 built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
  4. 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.
  5. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** - N/A

# SPATIAL RELATIONSHIPS

## Elementary Classrooms



R = Restroom

## EXCEPTIONAL STUDENT EDUCATION

### I. PROGRAM PHILOSOPHY

The mission of Indian Ridge School is to meet the needs of students who are educationally Severely Emotionally Disturbed. The mission is accomplished through working with parents and community agencies to provide a therapeutically and educationally integrated life skills program in a secure environment. The intended outcome is to equip students with academic and social skills necessary for effective schooling, productive citizenship, steady employment and sound mental health.

### II. PROGRAM GOALS

Students with Severely Emotionally Disturbed and emotional differences will be provided educational programs designed to meet their individual needs. Diagnostic evaluation, prescriptive planning and implementation of individual student academic and behavior programs will be provided.

### III. PROGRAM ACTIVITIES

#### A. General Activities

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

Individual, group and family therapy will be provided for each student to master their individual therapeutic treatment plan.

#### B. Special Activities

##### 1. **Severely Emotionally Disturbed**

- 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: special diploma.
- e. Functional life skills.
- f. Individual, group, and/or family therapy

##### 2. **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: 1:6  
 Includes Severely Emotionally Disturbed

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

N/A

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

A. 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.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>EXCEPTIONAL STUDENT EDUCATION</b>						
3	Seclusion Room		40	120		0
3	Observation Room		100	300		
1	ESE Changing Room/Restroom			150		
	<b>TOTAL</b>			<b>570</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Seclusion Room**

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

**B. Observation Room**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Teacher Desk
2		X	Chair
	X		Video camera located at the door between the observation room & seclusion room. Monitor to be located in the Administrative Area.

Exceptional Student Education

**C. 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 with no curb and with 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. Provide an observation window between the Seclusion Room and the Observation Room.
- 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. **Observation Booth**

- a. Provide lower lockable cabinets with sink and upper lockable cabinets.

3. **ESE Changing Room**

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

**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.
3. Seclusion rooms shall be in complaint with State Board of Education requirements.



## SPATIAL RELATIONSHIPS

**Refer to Elementary, Middle & High Classroom Spatial**



## FOOD SERVICES

### 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: 150

Grade Levels for Which Program is Intended: K-12

**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. Staff dining/lounge shall be 700 NSF making the dining area more adequately sized for staff use.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>FOOD SERVICE</b>						
1	Dining			3,000		
1	Kitchen (including office and restroom)			2,600		
1	Chair Storage			193		
1	Staff Dining/Lounge			700		
	Staff Restrooms (out of allotment)					
	Student Restrooms (out of allotment)					
	<b>TOTAL</b>			<b>6,493</b>		<b>0</b>

Food Services

## VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Student Dining Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
30-40		X	Cafeteria table (one piece), folding, 29" maximum height
150-200		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.

Food Services

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

#### 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. Locks shall be keyed separately from master system in order that only the School Food Service Manager and one designated person from administration have access. Equip heavy-duty metal, receiving doors, with delivery buzzer on exterior. Provide exterior entrance door with a peephole or security window for identifying person before opening door. Exterior doors shall be equipped with automatic fly fans. Doors to kitchen and storage shall be wide for delivery of supplies and movement of equipment (minimum of 48" wide).
- 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. Separate telephone line in office. 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 cafetorium, (4) on stage. Provide a bell location 7' above the finished floor in kitchen area, with conduit from the nearest telephone terminal cabinet.
- K. **Electrical** - As required to meet District Standards. Lighting control circuit panel for food service areas and power circuit for kitchen shall be easily accessible to kitchen and not in storeroom. Provide spare circuits for future needs. Switches shall be in reach of employees at each workstation. Keep storerooms free of electrical distribution panels, electrical switchgear, transformers, un-insulated pipes, water heaters, refrigeration condensing units or other heat producing devices. Provide

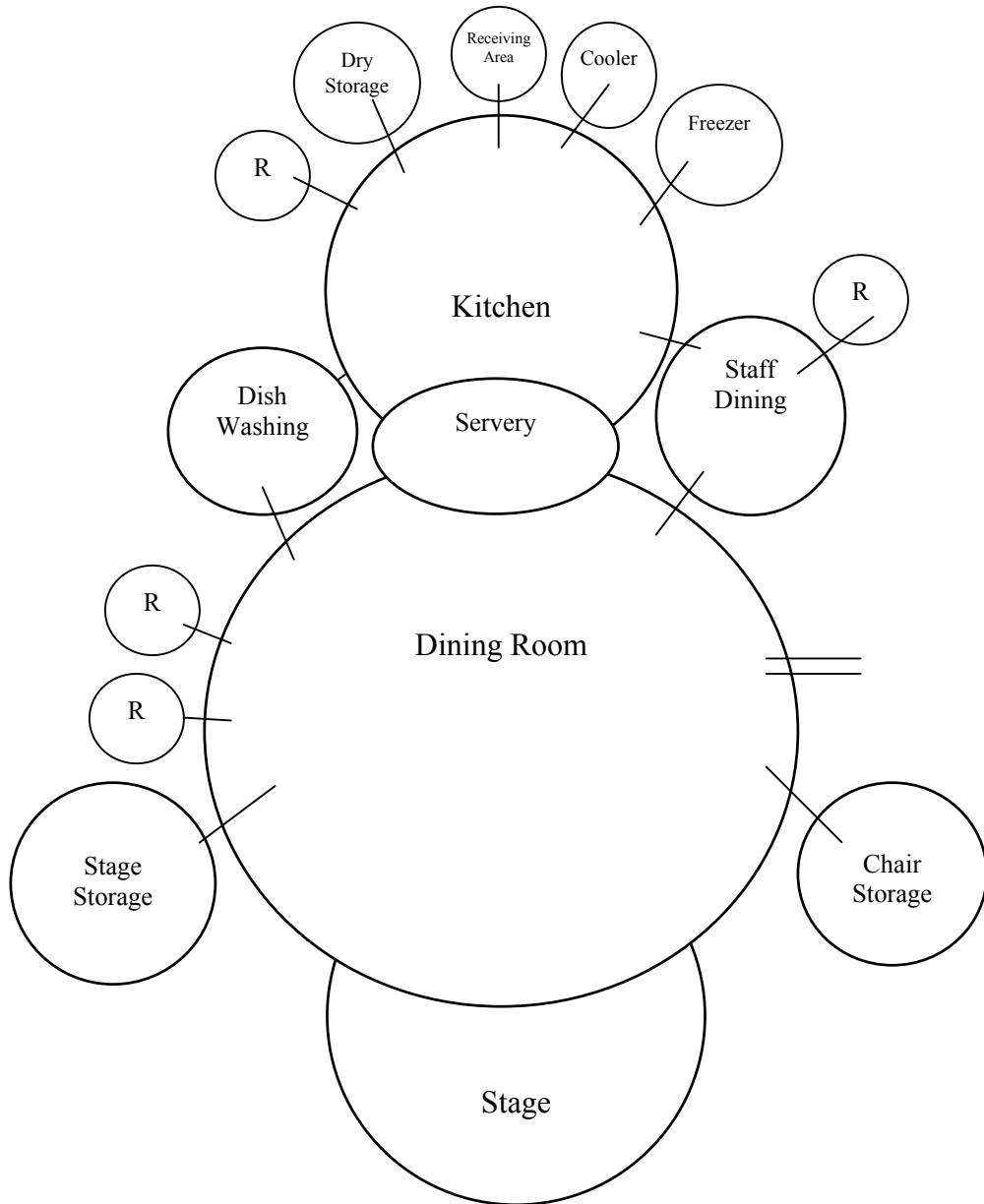
Food Services

conduit with a pull string from each POS station to SDPBC Food Service Manager's office. Include an above ceiling junction box in the dining room, tying back to the last cash register data outlet. (Contact SFS Dept. for details).

- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - Total facility shall meet all local and state safety and sanitation codes. As required to meet District Standards.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - Easy access to entrance for delivery of food and supplies. 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, 8' x 4' in dining area, 4' x 4' in kitchen preparation area and 4' x 4' in employee locker area.
- S. **Other Considerations**
  - 1. Equipment shall comply with standards identified by seals of approval from the following:
    - a. American Gas Association (AGA) for gas equipment
    - b. American Society of Mechanical Engineers (ASME) for steam equipment
    - c. National Sanitation Foundation (NSF)
    - d. Underwriters Laboratory (UL) for electrical equipment
  - 2. Before an architect prepares specifications, consult with SDPBC School Food Service authorities to include only those brands listed on the Pre-Approved Manufacturer's List. Equipment shall have basic manual temperature and time controls.
  - 3. Equipment shall be of good quality, approved brands, 14-gauge stainless steel (as specified). Sinks and worktable counter tops are to be 14-gauge, type 304 stainless steel, integrally welded with #4 finish. Table legs to be stainless steel with stainless steel adjustable bullet feet. Table undershelf to be 18-gauge type 304 stainless steel.
  - 4. Equipment shall be designated for use with standard sized accessories. Example: 12" x 24" steam pans and 18" x 26" bun pans.

5. The architect shall utilize a professional member of the Foodservice Consultants Society International (FCSI) and recommendations of Design Criteria - School Food Service Facilities published by the SDPBC.
6. Office area shall be separate from storage room.
7. Kitchen
  - a. **Receiving area:** shall be in close proximity and easily accessible to storage areas.
  - b. **Baking department:** shall be near general preparation areas.
  - c. **General preparation area:** shall be easily accessible to all other areas.
  - d. **Serving areas:** shall be close to preparation areas, with preparation areas not visible to students.
  - e. **Dishwashing and refuse removal area:** shall be centrally located so that it is easily accessible from all parts of the dining area.
  - f. **Can wash area:** shall be located outside the kitchen area, weather protected, walls and floor to have impervious finish and drained to sanitary system.
  - g. **Laundry area:** shall be a separate and securable area adjacent to the kitchen.
  - h. **Employees' toilets and lockers:** shall be adjacent to the preparation area.
  - i. **Manager's office:** shall be located to enable the manager to view the major areas of activity in the kitchen such as receiving, storage and preparation.
  - j. An independent, low-power, sound system shall be provided for the dining room area. The amplifier shall be in a locked closet or built-in cabinet.

### SPATIAL RELATIONSHIPS Food Services, Multipurpose Room & Stage



R = Restroom



## HIGH CLASSROOM

### I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

### II. PROGRAM GOALS

The high school program goals center around the preparation of students for more reflective and effective participation in their society. The program goals would include the following:

- A. Socialization - aimed at helping the student become an effective member of social groups.
- B. Decision-making Processes - aimed at helping students to make effective use of intellectual skills in reaching decisions about his/her social concerns.
- C. Citizenship - aimed at helping the students to use more effectively the processes of a representative-democratic government.
- D. Knowledge Acquisition - aimed at helping the student to acquire and utilize information and intellectual skills provided through the curriculum.
- E. Vocational – Aimed at helping the student have a realistic aspect of employment and developing prevocational and vocational skills.
- F. Therapeutic – For students to learn about their mental illness and use effective strategies to become productive members of society.
- G. Transition to Indian Ridge School.

In addition, the program will stress the assimilation of three important components: subject, learner and society.

### III. PROGRAM ACTIVITIES

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

### IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:6

Grade Levels for Which Program is Intended: 9-12

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

N/A

High Classrooms

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

N/A

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>HIGH CLASSROOMS</b>						
12	ESE Elementary Classrooms		750	9,000	8	96
	<b>TOTAL</b>			<b>9,000</b>		<b>96</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Classroom (per classroom)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Student combo desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	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.

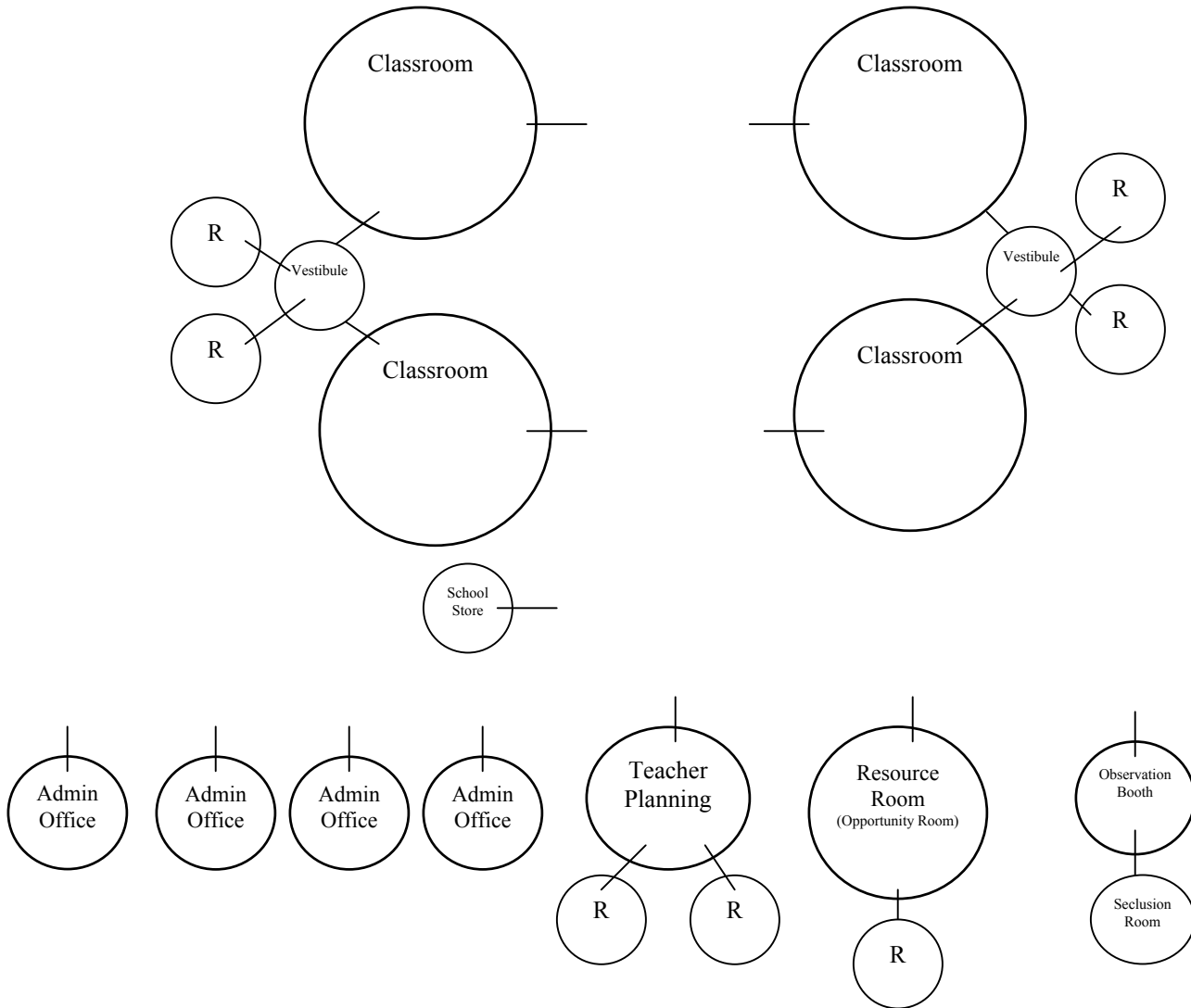
**C. Floor** - As required to meet District Standards.

High Classrooms

- 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.
- 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.
  2. Provide built-in bookcase, 5'L x 15"D x 40"H with 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 TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. Other Considerations - N/A

# SPATIAL RELATIONSHIPS

## High Classrooms



R = Restroom

Not all spaces are shown.

## LIBRARY MEDIA CENTER

### I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

### II. PROGRAM GOALS

The Library Media Center is an extension of the classroom, and as such, provides services which achieve the following goals:

- A. Access – Ensures and facilitates easy, open access to organized educational media for students, teachers, parents and other in the learning community.
- B. Collection Development - Locate, acquire and disseminate learning materials that are cooperatively selected by the learning community.
- C. Collaboration – Collaborate with members of the learning community for effective utilization of educational media to meet the curriculum standards.
- D. Instruction – Instruction individuals and groups in the life long reading, information literacy and technical skills identified for 21<sup>st</sup> Century learners.

### III. PROGRAM ACTIVITIES

The school library media center serves students, teachers, parents on the staff, administrators, and people in the local community. The center's space serves as a meeting place for students, staff, and community groups, requiring flexible access for activities during the school day, before or after school hours, and during the evening hours.

- A. Activities for Students
  - 1. Receiving instruction in small groups or individual with the capacity to accommodate simultaneous small and large group activities.
  - 2. Using the instructional television equipment, projection equipment or computer technology.
  - 3. Displaying creative promotional & literacy activities on bulletin boards, dry eraser boards and in lockable showcases.
  - 4. Participating and interacting in lectures, projected presentations, demonstrations, and other instructional activities.
  - 5. Preparing and presenting multimedia presentations with projection and sound capability.

6. Browsing and leisure reading of books, periodicals, newspapers, computer programs and the Internet.
7. Engaging in inquiry with reference resources: books, CD-ROM and the Internet.
8. Engaging in individual study for career information, community resources, , and self-improvement.
9. Accessing information for individual reports, multimedia projects, letters, and other documents related to educational purposes.
10. Searching, identifying and requesting information or resources from other libraries or information locations through inter-library loan.

B. Activities for School Faculty, Staff and Parents

All eleven capabilities listed above for students are also applicable for faculty and school staff. Other staff activities are:

1. Previewing and selecting materials for classroom and therapeutic use.
2. Preparing instructional materials.
3. Meeting with library media specialist and staff or other colleagues for collaboration on lesson plans, curriculum development, therapeutic treatment team meetings and resource acquisition.
4. Utilizing the library media center's resources and other external resources via ITV, The Education Network (TEN), inter-library loan or the Internet for curriculum development.
5. Engaging in distance learning.
6. Using multimedia tools and projection units.
7. Viewing current resources and data for parents.

C. Activities for Library Media Center Specialist and Library Media Staff

1. Providing Technical Services: selection, acquisition, receiving orders and donations, cataloging and database maintenance, processing, binding, inventorying and other functions required to organize and maintain the collection of a library media center.
2. Functioning as school leader(s) for technology development by providing new resources and technologies in the library media center and by providing technical expertise as a member of school improvement and technology

Library Media Center

committees.

3. Providing instruction for students and faculty in inquiry methods, library research, information literacy and presentation of the results.
4. Assisting students, faculty and staff in selecting and effectively using instructional media in all formats.
5. Planning with teachers, therapeutic team, administrators and paraprofessionals for curriculum development and use of instructional media for various school disciplines.
6. Maintaining accurate financial records and budgeting effective use of resources and time.
7. Supervising media staff, student aides and volunteers.
8. Coordinating media center functions with school administrators, faculty, community leaders, students and school staff, including custodial and secretarial personnel.
9. Booktalks and promotional activities.

#### **IV. ORGANIZATIONAL NOMENCLATURE**

Grade Levels for Which Program is Intended: K-12

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

- A. New developments in educational programs, instructional methods and class groupings and the uses of media resources that accompany them, dictate an element of flexibility for the library media program. Physical facilities must have flexible characteristics.
- B. Expanded individual and group use of audio-visual materials and computer equipment.
- C. Available computer retrieval of information from LAN, WAN and on-line services.
- D. Use of library media center for community and after school activities.
- E. Staff and student workshops.
- F. Extended library hours for access by patrons.
- G. Creativity Areas that will provide learning experiences for students and faculty. These institutional units will include the following:
  1. Production of video and audio programs and computer generated materials.
  2. Seminars and forums.

Library Media Center

3. Instruction in the use of on-line access of information.
4. Development of resource sharing activities.

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

- A. Periodical Storage and Group Projects shall be combined with the Reading/Stacks area.
- B. Professional Library, Media Production, and Copying Room shall be combined into one space for flexibility purposes.
- C. AV Storage and Repair, CCTV Storage, and Maintenance/Repair, shall be combined to increase the area for large equipment.
- D. Small Group Listening shall be located in an alcove in the Reading /Stacks area.
- E. Because of location of Library Media Center and current staffing, a restroom shall be accessible to all staff.
- F. Technical processing shall be combined with the Library Media Specialist’s office for a total of 350 NSF.
- G. Add Control Booth (100 NSF) from stage support to the CCTV Studio.
- I. The studio shall be 500 NSF and the control room shall be 275 NSF.
- J. Restrooms have been added for flexibility purposes and enhancement of supervision of students.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>MEDIA CENTER</b>						
1	Reading Room/Stacks (including Group Projects, Periodical Storage & Small Group Listening)			2,400		
1	Professional Library/Media Production/Copying Room			660		
1	AV Storage/Maintenance and Repair/CCTV Storage			665		
1	CCTV Studio - Production and Control (100 NSF from Stage Control Booth) (500 NSF for Studio & 275 NSF for Control)	675		775		
1	Technical Processing/Library Media Specialist’s office			350		
	Staff Restrooms (out of allotment)					
	Student Restrooms (out of allotment)					

Library Media Center



Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>TOTAL</b>				<b>4,850</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Reading Room**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Circulation desk with book drop
		X	Stacks/Shelving in Reading Room (refer to VIII.B.)
	X		Necessary backing for stacks/shelving at 2' and 5' around the perimeter of the reading room
1		X	Desk chair
1		X	Reference table, 30"W x 72"L
4		X	Book truck
1		X	Atlas stand, with shelves
1		X	Dictionary stand, portable
4		X	Automated library catalogue (workstations - 4)
1		X	Newspaper stand
1		X	Lounge furniture including sofas, chairs, tables to accommodate four to six people
10-20		X	Table, round or square, FACBC accessible
100-120		X	Chair, 18"
15		X	Public computer, all with computer tables, chairs, printer, no carrels
4		X	Access network computer, all with computer tables, chairs, printer, no carrels
1		X	Closed circuit TV security system
1		X	Amplifier system with microphone plugs
1		X	Mobile Multimedia cart
1	X		Water cooler; no electric eye drinking fountain
1	X		Recessed, built-in display cabinet (6'W x 4'H)
3	X		Tack Board, 8' x 4'
1	X		Video Format Screen with black masking borders, 6' x 8', minimum size, wall or ceiling mounted after stacks are placed
1	X	X	Library detection & security system (refer to special considerations)
1	X		Clock
	X		Built-ins (refer to special considerations)

**B. Stack Area Shelving - District Provided**

To accommodate (4,000 volumes). Utilize 60"H shelving on perimeter, as much as possible. Free-standing shelving shall not exceed 42". All shelving shall be adjustable and have backing. Shelving shall be standardized so that inserts for periodical shelves can be moved. 775' lineal of 10" shelving for regular books, 225'

Library Media Center

lineal of 12" shelving for picture books, 200' lineal of 15" heavy duty shelving for reference books and 190' lineal of 12" shelving is required for kits. Shelving shall be accompanied by readily usable bookends. Light-weight, plastic coated, wire shelving is not acceptable. Picture book shelving includes adjustable vertical supports.

**C. Library Media Specialist/Technical Processing**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Work station/chair
2		X	Guest chairs
1		X	Computer & printer - color
1		X	Technical processing workstation, automated library - media management server and workstation, printer, chair, secretarial
2		X	Computer for administration of automated circulation system with CDR
1		X	Bookcase
1		X	Binder, automatic
1-3		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Book truck, double-faced
4		X	Chair
4		X	Stapler, electric
1		X	Punch, 3 – hole, electric
1		X	Stapler, heavy-duty, long arm
1		X	Calculator
1	X		Computer table as part of built-in
1		X	Workstation with secretarial chair for clerk
1		X	TV for closed circuit TV security system
1	X		Single sink with goose neck faucet (HW/CW)
2	X		Tack board, 4' x 4'
1	X		Clock
	X		Built-ins (refer to special considerations)

**D. Professional Library (folded into Media Production)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Lounge furniture - combination of chairs and tables to accommodate four people
8		X	Chair
1		X	Public access workstation, network access
1		X	Computer, printer, on-line access
	X		Built-ins (refer to special considerations)

**E. AV Storage/Maintenance Repair/CCTV Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk & Chair for ITSA
1		X	Computer & Printer for ITSA
4		X	27" data monitor/TV and AV input
1		X	DVD Player
4		X	VCR
4		X	54" carts with 8" wheels and locks
10		X	CD/cassette tape recorder

Library Media Center

No. of Items	Contractor Provided	District Provided (FF&E)	Description
6		X	Language master
10		X	Jack box
48		X	Headset for jack box (10)
1		X	Overhead projector (traveling)
2		X	Overhead projector, with lamp changer, 4,000 lumens and cart
1		X	Slide projector
2		X	Portable sound system, with microphone and lectern
1		X	Opaque projector (optional)
3		X	Tripod screen, 60" x 60"
1		X	Laminator
1		X	Camcorder, with battery pack and charger
2		X	Tripod for camcorder
1		X	Projection unit, digital/video
1		X	35 mm camera, (inexpensive instamatic)
1		X	Digital camera with disk storage
1		X	Poster maker
1		X	Ellison or AccuCut machine (large and small letters)
1		X	Copy stand (optional)
1		X	Video projector
2		X	AV cart, 42"
2		X	AV cart, 37"
1		X	Scanner for computer
1		X	Color printer
1		X	Typewriter
1		X	Laptop computer with presentation stand
4		X	Computer workstation for automated circulation system
10		X	Computer for access to Internet with internal DVD
1		X	Presenter to attach computer to TV
1		X	SMART white board
2		X	TV/VCR combo for learning centers
	X		Built-ins (refer to special considerations)

**F. Closed - Circuit Television - (CCTV)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Camcorder
2		X	VCR
1		X	VD Pro
1		X	Pro Audio Mixer
1		X	Handheld Microphone
1		X	Stand Adapter
1		X	Desk Mic Stands
2		X	Wired Lav Mics
1		X	Tripod with Head
1		X	Tripod with Head and Dolly
2		X	Monitor
1		X	Monitor/Receiver
1		X	Character Generator
1		X	Monitor

Library Media Center

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Applied Magic Editing Package
1		X	Intercom System
1		X	CD/Cassette
1		X	Player
1		X	Cables
1	X		Double Scrim Curtain Tract and curtain (refer to special considerations)
1	X		Clock (in control room)
	X		Built-ins (refer to special considerations)
	X		Pipe rail grid and lights for studio (refer to SDPBC ITV Dept for specifications)

**G. Media Production/Copy Room (folded into Professional Library)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Paper cutters, various sizes
3		X	Photocopier
1		X	Laminator
1		X	Public access workstation
1		X	Computer, printer, flat bed scanner, and color printer
1	X		Single sink with goose neck faucet (CW/HW)
3	X		Tack board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Clock
	X		Built-ins (refer to special considerations)

**H. Group Projects (folded into Reading/Stacks)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
10		X	Computer workstation with wire management and chairs
2		X	Computer workstation with wire management and chairs, F.A.C.B.C. Accessible
10		X	Computers
2		X	Printers

**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. TV production studio and control room shall be soundproof.

- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards. **Provide a cyclorama wall in the CCTV Studio; there shall be no visible lines, and the wall shall be smooth and painted chroma key blue or green.**
- E. **Ceiling** - As required to meet District Standards. Install double curtain track and curtains (no white) around one-half of production studio, opposite control room, ceiling mounted, at least 14" from walls. The ceiling in the studio shall be a minimum of 14' (12' AFF to bottom of pipe rail grid/lights).
- F. **Lighting** - As required to meet District Standards. Color-balanced fluorescent lighting with capability of separate switching of rows and lights evenly distributed to all areas of the reading room. Area shall have a master control switch with separate switches in each area including studio and control room. Dimmer switches in Reading/Stacks area for presentations. Lights above outside doors to conference rooms, and TV production room to alert visitors that rooms are "in use". Row lighting for studio ceiling. Mounted raked theatrical lighting with dimming control of individual fixtures for studio ceiling with adequate ceiling height for ceiling mounted lights. Provide task lighting above counter in control room.
- G. **Windows** - As required to meet District Standards. Provide observation windows from library media specialist's office to reading room and circulation desk. Provide windows, where necessary, for supervision; windows shall be low enough for visibility when seated. Provide **angled window** (refer to Design Criteria) to minimize reflection between CCTV control room and production studio; window in control room shall be no less than 34" high above the floor and no less than 36" wide. No windows in storage room.
- H. **Doors** - As required to meet District Standards. Provide a half glass door from CCTV control room to production studio and a solid door from reading room. Doors shall be installed to allow physical access from the control room to all rooms in the CCTV suite. Provide double, exterior doors for loading purposes. Interior doors shall be half glass, where appropriate.
- I. **Plumbing Fixtures / Water** – As required to meet District Standards.
- J. **Communications** - As required to meet District Standards
1. Intercom from central administration to all areas except CCTV studio. Optional block-out for intercom in reading/stacks room.
  2. Intercom to CCTV control room and reading room shall have a lock-out feature with emergency override.
  3. Telephone jacks at the circulation desk, in library media specialist's offices, technical processing room, TV control room, professional library media

production room, and conference room(s). CCTV room shall have phone; provide network wiring for intra and inter network communications.

4. Independent low-power sound system located in reading room.
  5. Voice data, network communication and ITV reception in the following areas: circulation desk, director's office, professional library, AV storage, CCTV control room, media production and throughout the reading room where computer stations will be located.
  6. Voice data and network lines require built-in surge protection.
  7. ITV broadcast capability from technical processing room, reading room, CCTV control room, cafeteria, principal's office, main sporting field and courtyards.
  8. Provide physical and intellectual access to information in native languages.
- K. Electrical** - As required to meet District Standards. **Do not** locate wall outlets behind or above stacks. Locate necessary data and electrical outlets along columns for computers. Provide wiring and outlets for 30 computer stations in group projects (folded into reading room) and for automated library catalogue throughout media center where specified. Provide a strip outlet above work counter in technical processing, media production laboratory, and CCTV control room. An additional “on/off” switch for the studio lights shall be installed in the control room. Install two independent circuits with three double electrical outlets on each circuit in the control room and studio. ITV outlets shall be available on at least two opposing walls of the main studio. Provide wiring for library book detection system, security cameras system and automated circulation procedures.
- L. Instructional Technology** – As required to meet District Standards. Provide electrical and data in the Reading Room/Stacks near the projection screen for multimedia equipment.
- 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** - Cabinetry shall have locks.
1. **Technical Processing (folded into Library Specialist’s office)**

- a. Provide base cabinet with doors, along entire length of long wall, with stainless steel sink, cabinets with drawers of various depths and open shelves above.
- b. Provide shelving for up to (200) books.
- c. Provide six drawers, 30"W, for poster storage.
- d. Counter no less than 30"D.
- e. Provide adjustable shelving, 18"D.

2. **Professional Library**

- a. Provide base cabinet, on one wall, with shelving above.
- b. Provide counter for computers (4) and printer (2) with grommets for wire management.

3. **AV Storage/Maintenance Repair**

- a. Provide base cabinet with doors, front disabled accessible with stainless steel sink and cabinets above with doors, lockable.
- b. Provide adjustable metal AV shelving, covering approximately 50% of room.
- c. Provide pegboard, 4"H x 8"L, on one wall.

4. **CCTV Production**

- a. Request CCTV information from the SDPBC Department of Program Management and ITV.
  - (1) Provide double scrim, curtain tract around one-half of production studio, opposite control room, ceiling mounted, at least 14" from walls.
  - (2) Provide pipe rail grid for production studio lighting; room lighting.
  - (3) CCTV Control Room
    - (a) Provide base cabinet, 26"H, on wall, facing production studio, with plug molding, at 28" above finished floor. No cabinets shall be installed in the



control room that will impede comfortable seating at the control panel. If space is limited, it is preferable to have no cabinets at all in the control room.

- (b) Opposite wall, provide open base cabinets, with one adjustable shelf, work surface counter top and open shelving above.
- (c) Provide pegboard, on full wall, opposite door.
- (d) Provide and install two PVC conduit openings, 4" in diameter, at floor level, between production studio and control room to allow pass through for cables.
- (e) Provide shelves above counter for video/cd storage

#### 5. **Media Production and Copy Room**

- a. Provide base cabinet with doors, on the long wall, with open shelves above, containing single, stainless steel, sink.
- b. Work counter, 27", above finished floor, for computers and printer, along one wall with grommets for wire management.
- c. Provide island base cabinet, 34"h, with electrical outlets at both ends and center, and open for large paper and board storage, in center of room.
- d. Provide paper storage cabinet, adjacent to large copier. Copier shall be located so it can be pulled away from wall for servicing.

#### 6. **Library Media Specialist's Office**

- a. Provide wall of base cabinets with doors, with open shelving above.

#### S. **Other Considerations**

- 1. Design CCTV production studio and control room, so noise will not transmit from lavatory facilities, common halls, placement of HVAC, or plumbing pipes. Air handlers should not be located in the vicinity of the studio to avoid excess ambient noise and, if the studio is on a second floor, vibration from a handler located under the studio or nearby will result in a "jiggling" motion on the cameras. No PA's shall be installed on control room or studio walls.
- 2. An independent, low-power, sound system shall be provided for the reading room. The amplifier shall be placed in the vicinity of the circulation desk,

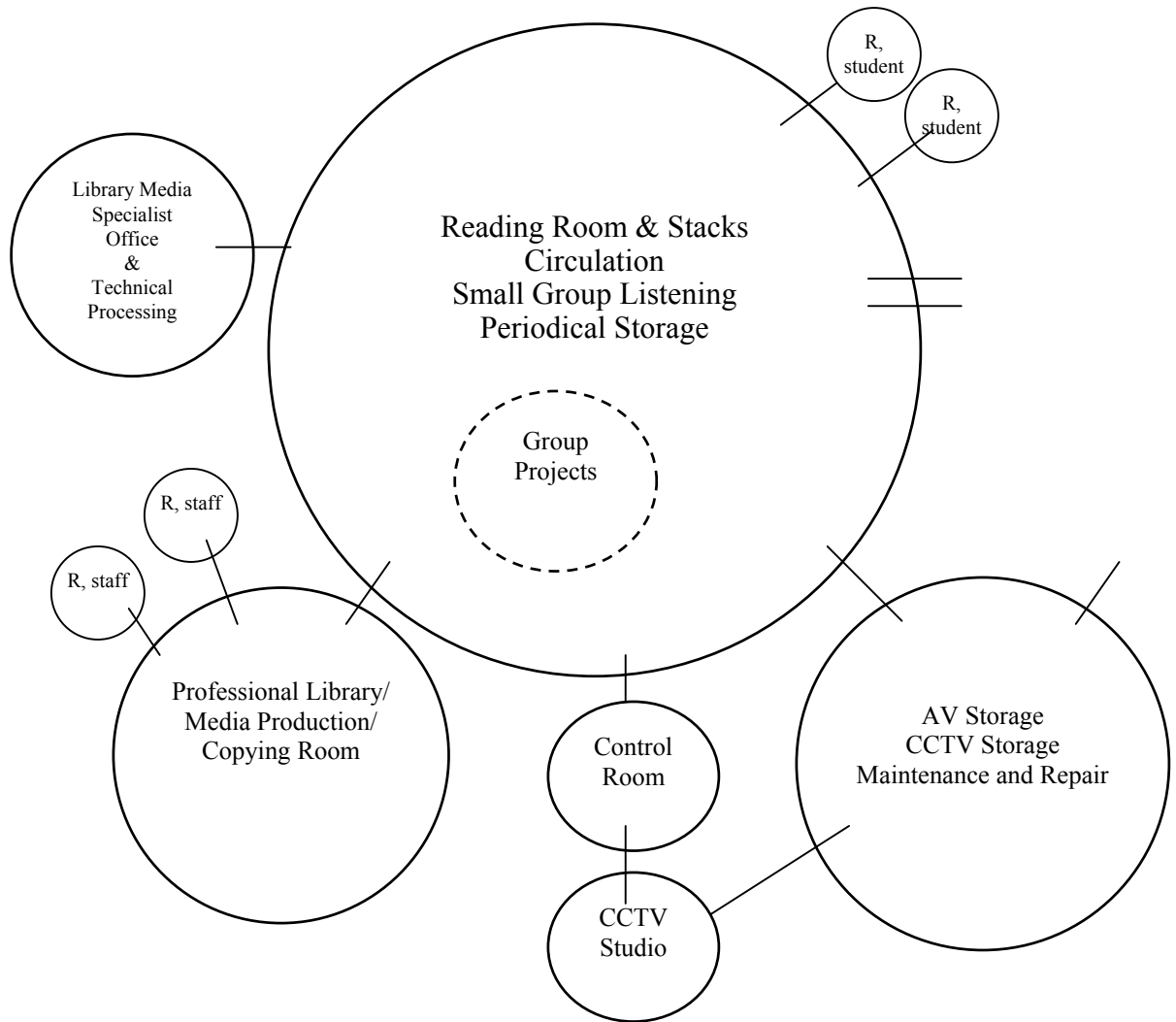
Library Media Center

with speakers located, throughout, for even sound distribution.

3. Adjacent to library media center entrance, provide built-in display case, lockable storage base, safety glass.
4. Circulation desk shall be located near entrance with visibility to entire reading room.
5. Walking area in CCTV control room shall be at least 5' wide from wall to counter.

# SPATIAL RELATIONSHIPS

## Library Media Center



R = Restroom

Library Media Center

**MIDDLE CLASSROOM**

**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

**II. PROGRAM GOALS**

- A. Provide a broad and flexible program which allows for individual differences.
- B. Provide activities and materials to develop skills conducive to effective performance: listening, speaking, reading, writing, grammar and studying.
- C. Provide experiences and opportunities for children to develop skills in critical thinking, deductive and inductive reasoning, and in problem solving.
- D. Develop creativity, positive attitudes and ideals.
- E. Develop critical thinking skills.
- F. Provide experiences and opportunities for students to develop prevocational skills.
- G. Develop skills to cope with their mental illness and use effective strategies to become productive members of society.
- H. Transition to Indian Ridge School.

**III. PROGRAM ACTIVITIES**

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

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: 1:6

Grade Levels for Which Program is Intended: 6-8

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

N/A

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

N/A

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>MIDDLE CLASSROOMS</b>						
6	ESE Middle Classrooms		750	4,500	8	48
	<b>TOTAL</b>			<b>4,500</b>		<b>48</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Classroom (per classroom)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
12		X	Student Combo Desk
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Table, 30" x 72"
1		X	Bookcase
4-10		X	Chairs, stackable, 17", plastic
1		X	Lectern
1		X	Stool
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker board, 4' x 16', with map rails and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
4		X	Computers
2		X	Printers
1	X		Pencil sharpener with proper backing
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

**IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED**

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

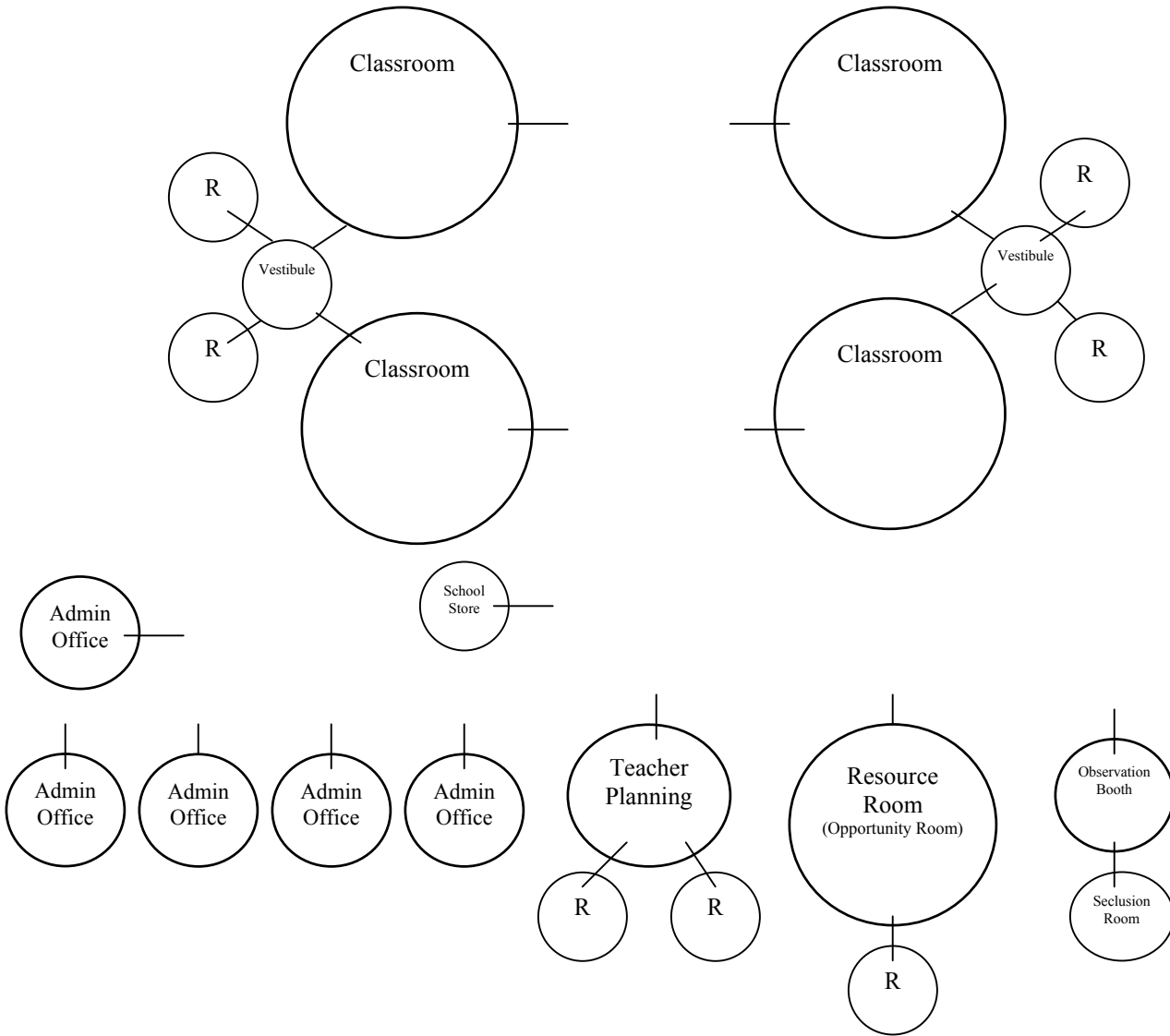
- A. Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. Acoustical** - As required to meet District Standards.
- C. Floor** - As required to meet District Standards.
- D. Walls** - As required to meet District Standards.

Middle Classrooms

- 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.
- 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.
  2. Provide built-in bookcase, 5'L x 15"D x 40"H with 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 TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.
- S. **Other Considerations** - N/A

# SPATIAL RELATIONSHIPS

## Middle Classrooms



R = Restroom

Note: Not all classrooms are shown

## MUSIC

### **I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

### **II. PROGRAM GOALS**

The music program is planned to provide opportunities for children to participate in many different types of musical activities such as singing, dancing (movement) and playing of instruments through which they can discover their musical interests and develop their potentialities.

### **III. PROGRAM ACTIVITIES**

Staff activities will include small and large group instruction in rhythmic activities, music reading skills, music listening skills in appreciation and interpretation, and units of student endeavors in vocal and instrumental activities.

Student activities will include small and large group involvement in listening to music for appreciation and interpretation; vocal and instrumental participation in creating music; and the composition of contemporary and traditional music.

### **IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: varies

Grade Levels for Which Program is Intended: K-12

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

A. This facility is planned for the music room and for special activities during the school day and for community activities after the regular school day.

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

N/A



**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>MUSIC</b>						
1	Laboratory			1,456		
1	Material Storage/Reference Room			255		
	<b>TOTAL</b>			<b>1,711</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. Music Laboratory**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher Desk
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
2		X	Chair
1		X	Bookcase, adjustable, 10"D shelving
1		X	Stereo/record player, with head set (10)
1		X	Stereo/cassette recorder / player
1		X	Piano
8		X	Keyboard
20		X	Chair, stackable
5		X	Choral risers, portable
4		X	Computer
2		X	Printer
1	X		Single sink with goose neck faucet (CW)
2	X		Marker Board, 4' x 8', with map rails and flag holder.
2	X		Marker Board, 4' x 8', with staff lines
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock
	X		Built-ins (refer to special considerations)
1	X	X	Sound system (refer to special considerations)
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)

A variety of musical and rhythm instruments will be designated when school is constructed.

Music

**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. Special consideration shall be given for better sound control.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards. Special consideration shall be given for better sound control.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. Provide view windows into classrooms and material storage/reference room.
- 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. The contractor shall provide surround system wiring, speakers, base, subwoofer, etc. for laboratory. The District shall provide the musical equipment, stereo, recorder, CD player, keyboards, etc.
- 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** - Cabinetry shall have locks.1. **Laboratory**

- a. Provide cabinet with doors (2), 6'L x 24"D, floor-to-ceiling with adjustable shelving.
- b. Provide base cabinet with doors and adjustable shelves with sink, minimum, 5'L, adjustable shelves and book / record storage, above cabinet with 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 TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.

2. **Material Storage/Reference**– Provide shelving for storage of musical instruments to store instruments of various sizes, i.e., flute, drums. Provide base cabinet with doors and adjustable shelves, lockable, minimum 5' L, open shelving above.

3. **Built-in Instructional Aids**

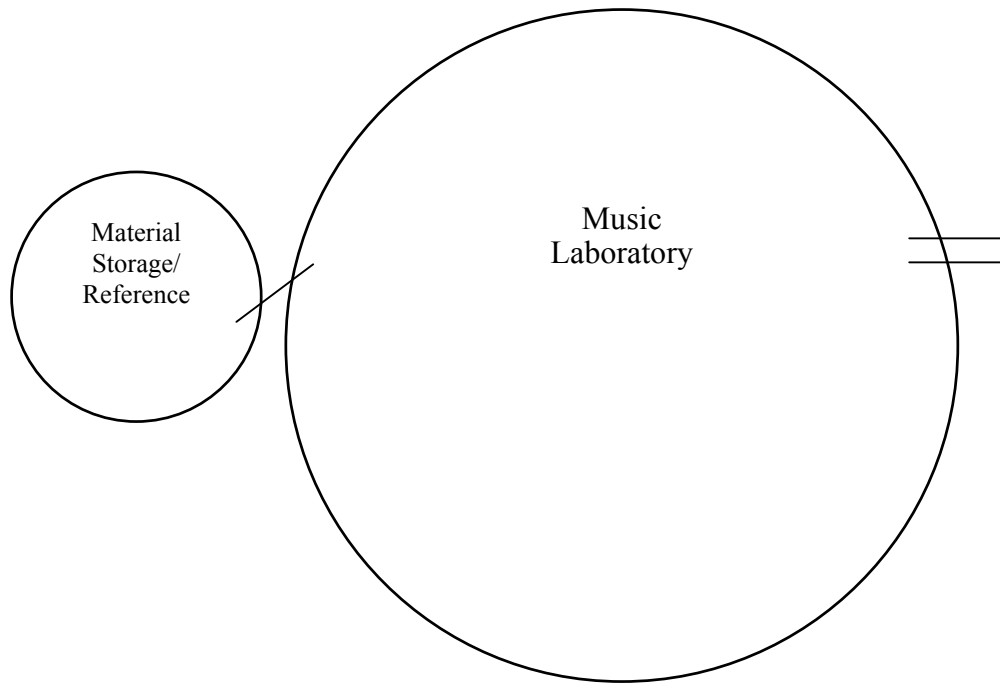
- a. Provide space for acoustically-treated, study module (2), created by folding and separator walls.

4. **School Display/Exhibition** - Provide recessed display cabinet (6'W x 4'H) in hallway near music room.

**S. Other Considerations** – Versatility is essential to a music facility.

**SPATIAL RELATIONSHIPS**

**Music**



R = Restroom

Music

**PHYSICAL EDUCATION**

**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

**II. PROGRAM GOALS**

- A. Optimum fitness development.
- B. Physical competence in skills performance.
- C. Acceptable social behavior, emotional stability and self-control.
- D. Acquisition of activities for lifelong fitness.
- E. Awareness of safety concepts and application in the environment.
- F. Knowledge of the benefits of regular and systematic exercise; game rules; activity organization; ethnic and cultural activities; equipment and equipment quality, care and use.
- G. Develop own fitness program.

**III. PROGRAM ACTIVITIES**

- A. Fitness components.
- B. Fundamental motor skills (includes movement exploration and expression).
- C. Ball-handling skills.
- D. Rhythms and dance activities.
- E. Educational gymnastics (includes body mechanics, posture, self-testing activities).
- F. Critical thinking skills

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: varies

Grade Levels for Which Program is Intended: K-12

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

N/A

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

- A. Teacher Planning with restroom and PE Storage shall be located near the Indoor Activity Lab and outdoor play area.
- B. Restrooms, student, shall be located near the Indoor Activity Lab and outdoor play area.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>PHYSICAL EDUCATION</b>						
1	Indoor Activity Lab			3,600		
1	PE Storage			315		
1	Teacher Planning with Restroom (from allotment)					
	Student Restroom (from allotment)					
	<b>TOTAL</b>			<b>3,915</b>		<b>0</b>

**VIII. PROGRAM FURNITURE AND EQUIPMENT**

**A. P.E. Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	Tumbling mat, 4' x 6', Primary
4		X	Tumbling mat, 4' x 6', Intermediate
1		X	Mat truck, Primary
1		X	Mat truck, Intermediate
2		X	Balance beam (low), Primary
2		X	Balance beam (low), Intermediate
1		X	Teaching Cart
1		X	Skills Equipment
1		X	Portable Dry Erase Board
1		X	Wireless microphone with portable amplifier
1		X	Portable cart with TV and VCR
	X		Built-ins (refer to special considerations)

A variety of physical education equipment items and instructional materials will be designated when school is constructed.

**B. Teacher Planning**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher Desk and Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
1	X		Tack Board, 3' x 4'
1	X		Clock
	X		Built-ins (refer to special considerations)

Physical Education

**C. Outdoor Play Equipment**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		K-2 Elementary Playground Equipment (refer to Special Considerations)
1	X		3-5 Elementary Playground Equipment (refer to Special Considerations)
	X		Volleyball, tennis & basketball nets and standards

**D. Activity Lab**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Volleyball, standard, portable
1		X	Volleyball, standard sleeves, regulation, for game use. 4 standard regulation lengthwise for 2 courts with curtain appropriate width between.
		X	Mat, tumbling, 6' x 12', Velcro on each end
		X	Mat, wrestling, 6' x 12', Velcro on all four sides
1		X	Mat truck
1		X	Marker board, 8', portable
2	X		Tack board, 4' x 4', visible by all
1	X		Retractable Video Format Screen
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.
  - F. Lighting** - As required to meet District Standards.
  - G. Windows** - As required to meet District Standards. Provide window, in teacher planning. Windows shall be low enough for visibility when seated. No window in equipment storage.
  - H. Doors** - As required to meet District Standards. Provide pair of doors, no mullion,
- Physical Education

to accommodate equipment and carts in PE storage.

- I. **Plumbing Fixtures/Water** - As required to meet District Standards. Drinking fountain shall be located at play courts and fields; no electric eye drinking fountain.
- 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. Provide a 6’ fence around the perimeter of the play courts and fields. Separate from the fence around the school building. Provide fence around elementary play area.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards. Locate play courts and fields near parking.
- R. **Built-ins** -
  - 1. **Teacher Planning** - Provide base cabinet with doors and adjustable shelves, lockable, minimum 5' L, open shelving above.
  - 2. **Storage Area**
    - a. Provide cabinets (2), floor-to-ceiling, lockable (one key), adjustable shelving on opposite walls, 36"D. Shelves to hold up to 200 lbs.
    - b. Provide hooks to hang equipment: jump ropes and hurdles, up to 100 lbs.
    - c. Provide metal, adjustable shelves, with rim on open edges, to keep balls from rolling out.
  - 3. **Activity Lab**
    - a. Provide regulation lexan basketball backboard and rim located in main court.
    - b. Each backboard, to be lowered and raised electrically. Backup system with hand-operated cranks (forward swing).
    - c. Combination basketball/volleyball electric scoreboard with clock (2),

Physical Education



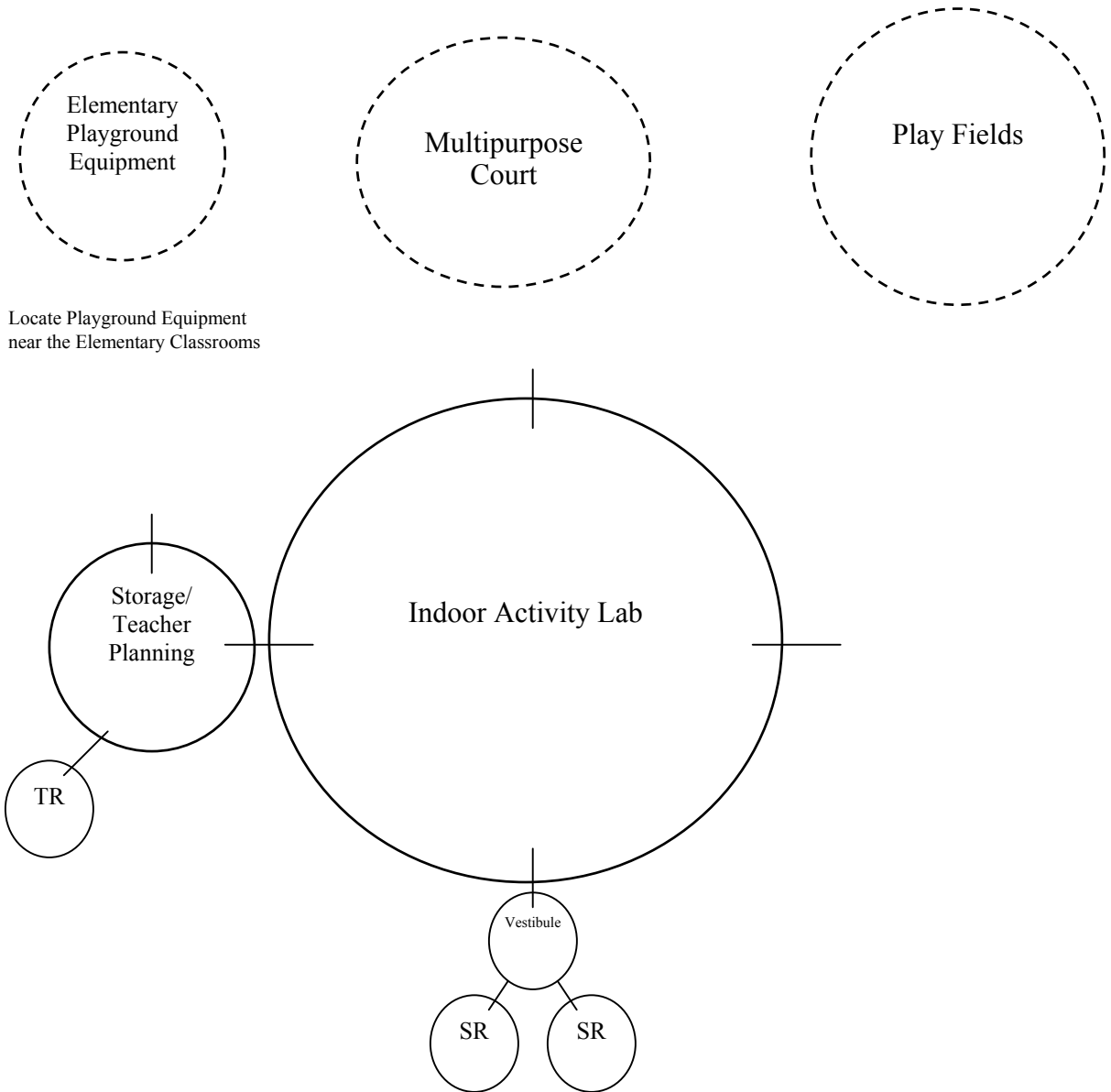
- located at each end of the activity lab, visible from courts and bleachers.
- d. If there is room in the activity lab, provide electrically operated bleachers located on both sides of the gymnasium. Provide wood, metal or fiber glass bleachers with wooden foot rests.
  - e. Install sleeves and floor plates for volleyball. Locate floor plates for the competition court, 3'6", outside of the court markings, directly in line with the 2" center line. Additional floor plates shall be installed for volleyball practice courts (length of main court).
  - f. Provide safety wall mats, approximately, 6' h and 24' w, on each end of the activity lab beneath the main backboards.

## S. Other Considerations

1. One, all-purpose, hard surface, playing area, with appropriate court markings for other games including volleyball and basketball with 8' goals and 10' goals. All courts shall have proper drainage. Sleeves shall be installed in the court with covers for placement of volleyball standards. Refer to manual, Elementary School Playcourts, provided by the SDPBC Department of Program Management.
2. Provide one softball field with backstop. Softball field shall have home plates, back-to-back. Softball field shall have a bahia grass outfield and infield.
3. Provide one open field/soccer field with bahia grass.
4. Water and restrooms shall be easily accessible to play courts and fields; no electric eye drinking fountain.
5. Court and play areas shall not be located adjacent to noise generating air-conditioning units.
6. Provide playground equipment for K-2 and 3-5 Elementary with poured in place rubberized surface for all schools. Schools going under modernization shall have the playground equipment evaluated and replaced as needed. Playground equipment and poured in place must meet FACBC, SDPBC Risk Management, SDPBC Maintenance Plant Operations and SDPBC Building Department standards.
7. Playground equipment shall be located away from all-purpose court.
8. Contractor shall provide all volleyball nets, tennis nets, basketball nets, etc. and standards.

### SPATIAL RELATIONSHIPS

#### Physical Education



TR = Teacher Restroom  
SR = Student Restroom

Contractor to provide playground equipment (fenced separately)

Physical Education

**RESOURCE ROOM**

**I. PROGRAM PHILOSOPHY**

All students are entitled to receive appropriate educational and therapeutic 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 and therapeutic programs designed to meet their individual needs.

**III. PROGRAM ACTIVITIES**

Instruction will be provided in academic and enrichment curriculum areas. Individual, group and family therapy will be provided for students to master their individual therapeutic treatment plans.

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: 1:6  
 Grade Levels for Which Program is Intended: K - 12

**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. Three Resource Rooms will be used as Opportunity Rooms located near each Teacher Planning area.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>RESOURCE ROOMS</b>						
6	Resource Room		480	2,880		
6	Material Storage		90	540		
3	Restrooms (out of allotment)					
	<b>TOTAL</b>		<b>570</b>	<b>3,420</b>		<b>0</b>

Resource Room

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
6		X	Student desk & chair, adjustable
1		X	Teacher desk and chair
1		X	Teacher Computer & Printer
2-3		X	Table, trapezoid
6		X	Chairs, stackable
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer
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
2	X		Tack Board, 4' x 4'
1	X		6' x 8' 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 with proper backing
1	X		Clock
	X		Built-ins (refer to special considerations)

### B. Resource Room (Opportunity Room)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
3		X	Teacher desk and chair
3		X	Teacher Computer & Printer
6		X	Study Carrel
6		X	Chairs, stackable
3		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer
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
2	X		Tack Board, 4' x 4'
1	X		6' x 8' 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 with proper backing
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.
- 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 base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
  - 2. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
  - 3. Provide TV/Multimedia cabinet, approximately 48" in height with the TV

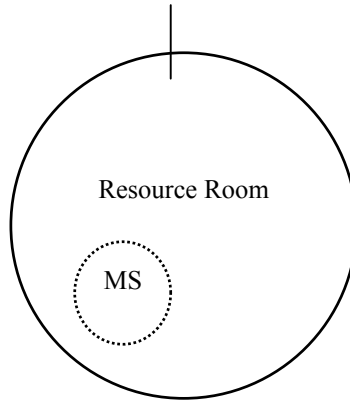
Resource Room

monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.

S. **Other Considerations:** N/A

## SPATIAL RELATIONSHIPS

### Resource Room



MS – Material Storage

Opportunity Rooms will have restrooms.  
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, and other areas per code. Provide restroom in clinic per Board approved prototype. Provide ceramic tile in toilets, floor to ceiling, with floor drains. Provide observation windows or large windows in the doors of the vestibules. Refer to **GENERAL CONSIDERATIONS**.

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>RESTROOMS</b>						
<b>(adjust square footage for FACBC and parity requirements)</b>						
	Public Restrooms			193		
	Student Restrooms (Grades 4 and above)			1,446		
	Staff Restrooms (near classrooms and teacher planning)			386		
	<b>TOTAL</b>			<b>2,024</b>		<b>0</b>



## SCIENCE

### I. PROGRAM PHILOSOPHY

The Science program will encourage student understanding of the experimental nature of science, increase the level of students' technical skills, and enhance student enthusiasm.

### II. PROGRAM GOALS

- A. Teach a set of basic scientific concepts in a style compatible with the students' interests and abilities that will provide scientific knowledge necessary for successful involvement in life and future scientific studies.
- B. Allow students to participate in "hands on" Science-related activities and acquire skills of measurement and laboratory procedures for the investigation of scientific problems.
- C. Provide opportunity for students to speak and write in scientific terms and use the basic vocabulary of Science in today's society.

### III. PROGRAM ACTIVITIES

The Science program includes, but is not limited to, classroom and laboratory activities relating to the structure of matter; interaction of matter and energy; the structure, function and classification of living things; and physical characteristics of the earth. Students will manipulate scientific apparatus and materials requiring electrical outlets and a source of water to be located along perimeter counters. Teacher demonstration area will support the student manipulation of apparatus. Outdoor instructional activities will be used for individual students and classes. General laboratory activities will be accomplished in teams of two.

#### A. Courses Offered

1. General Science
2. Physical Science
3. Life Science
4. Earth Science
5. Biology
6. Environmental Science

#### B. Teacher Activities

1. Plan and direct student activities, individually, and as part of a team.
2. Discuss the objectives to be attained, both with students and other teachers.
3. Guide students, individually, and in groups.
4. Use models, charts, marker board, and tack board as instructional aids.
5. Prepare materials for Science activities.
6. Adjust curriculum, instructional techniques and evaluation procedures to accommodate needs of students.
7. Organize and store equipment and supplies.

8. Request equipment and supplies.
9. Inventory equipment and supplies.
10. Diagnose students' needs, and assist students to evaluate their own progress.
11. Plan and direct laboratory activities using chemicals, glassware, heating devices, preserved and live specimens, plants, rocks and minerals.

**C. Student Activities**

1. Study independently.
2. Experiment independently at a work table.
3. Listen in a large group lecture situation.
4. Research with reference materials.
5. Communicate findings and ideas to others.
6. View audio-visual presentations.
7. Observe, measure, hypothesize, predict, infer, classify and graph.
8. Read, write and organize ideas.
9. Confer with teacher and guidance personnel.
10. Work on projects individually and with groups.
11. Plan activities with teacher and others.
12. Read and write at student laboratory tables.
13. Provide daily maintenance of plants and animals.

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: varies

Grade Levels for Which Program is Intended: 9-12

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

- A. Community school classes in Science-related interest areas, such as Electricity, Astronomy, Horticulture, etc. Accelerated program for students with interest and ability in Science and related areas. Remedial assistance program, activity-centered and specifically designed for the less able student. Computer Science classes for students and adults will be offered. Increased utilization of instructionally related activities which occur on the school campus (environmental studies, outdoor field studies, community studies).

## VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)

N/A

## VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>SCIENCE High Prototype</b>						
1	Science Demonstration/Classroom		900	900	22	22
1	Project Storage			95		
1	Material Storage			95		
<b>TOTAL</b>				<b>1,090</b>		<b>22</b>

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Science Demonstration Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4	X		Tables to seat eight students at each table; FACBC accessible, flat table top; no monitor well turret, enclosure or infrared remote keyboard; include sink module, exclude portable cabinet cubicles and upright clap rod assembly, include cold water unicast fixture with gas, electric and data (no unimix H/C)
4-6		X	Student tables, 2 students per table
1		X	Teacher desk and chair
1		X	Laboratory Stool, adjustable back
1		X	Table, 30"W x 72"L
12		X	Chair
1		X	File cabinet, four-drawer, legal, lateral, lockable, chemical resistant top
2		X	Laboratory cart, portable
1		X	Safety shield, (explosion shield) portable
1		X	Sterilizer for safety goggles with lamp
1		X	Trash can, 25-gal., non-metal
1		X	Spark-resistant safety can for disposal of flammables
1		X	Dry chemical waste container
12		X	Microscope
20		X	Safety goggle and spill-control pillows
1		X	Sand bucket, 25 pounds
20		X	Student apron
1		X	Teacher Lab coat
1		X	Electronic Scale
1		X	Ultrasonic cleaner
1		X	Microviewers
1		X	Flex Cam
1		X	Triple-beam balance

No. of Items	Contractor Provided	District Provided (FF&E)	Description
6-7	X	X	Sinks, stainless steel (with sink covers)
1	X		Safety shower and eye wash
4		X	Computer
2		X	Printer
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker Board, 4' x 16', with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
	X		Fire extinguishers, per code
1	X		Fire blanket, wall-mounted
1	X		First Aid kit, wall mounted
1	X		Display cabinet, transparent front
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)
1	X		Teacher demonstration table (refer to special considerations)

**B. Material Storage**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Glassware drying rack
1		X	Trash can, 25-gal. capacity, non-metal
	X		Smoke detector per codes
1	X		Refrigerator with ice-maker, 22 cu.ft.
1	X		Dishwasher
1	X		Exhaust fan
1	X		Double stainless steel sink
1	X		Flammable storage
	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. Window** - As required to meet District Standards. Observation window between material storage and laboratory
- H. Doors** - As required to meet District Standards. The doors must be lockable in material storage areas with vision panels.
- I. Water/Plumbing Fixtures** - As required to meet District Standards. Provide master shut-off valve for water.
- J. Communications** - As required to meet District Standards.
- K. Electrical** - As required to meet District Standards. Master shut-off control switch for each demonstration room.
- L. Instructional Technology** - As required to meet District Standards.
- M. Gas and Air** - As required to meet District Standards. Provide gas and air at teacher station and at student stations in the chemistry laboratory only. Provide master shut-off valves for gas and air.
- 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. **Classrooms/Laboratory**
    - a. Provide maximum base cabinets with drawers and adjustable shelves with doors; and upper cabinets with adjustable shelves for microscope storage, etc. Provide sinks (6-7) equally spaced in counter, one for disable accessible. In the chemistry laboratory, counter top shall be acid-resistant.
    - b. Provide teacher demonstration table, 72", permanent, with sink, electrical and data connections (additionally, gas and air hook-ups in the chemistry lab only); with above demonstration mirror. In the chemistry laboratory, counter top shall be acid-resistant.
    - 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 TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for

multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall.

**2. Storage Room**

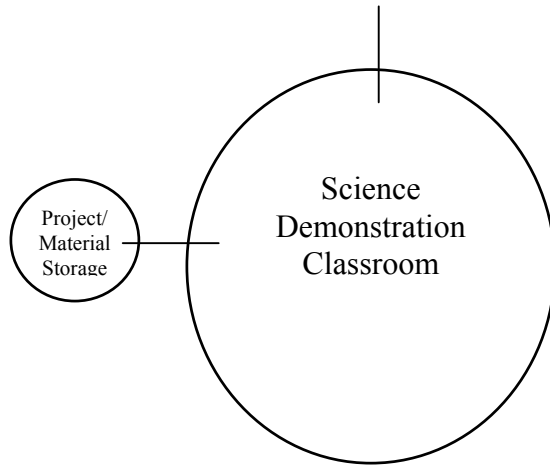
- a. Provide a counter with double sink in material storage room.
- b. Provide storage cabinet (3), 36"W x 18"D x 84"H, louvered doors, adjustable shelves, lockable in storage room.
- c. Provide flammable storage cabinet, built-in vent, lockable.
- d. Provide maximum metal shelving with adjustable shelves along one long wall.

**S. Other Considerations**

N/A

## SPATIAL RELATIONSHIPS

### Science



Locate Science Classroom with the High ESE Classrooms.

## **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 school.

With a growing concern to utilize large rooms for 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-12

### **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**

N/A

Stage/Support



**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>STAGE</b>						
1	Indoor Stage			500		
1	Stage Storage			300		
1	Control Booth (to CCTV Studio-Production)	100		0		
<b>TOTAL</b>				<b>800</b>		<b>0</b>

**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		6' x 8', minimum, video format screen with black masking borders and electronically operated
	X		Built-ins (refer to special considerations)

**B. Stage Storage**

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

**IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED**

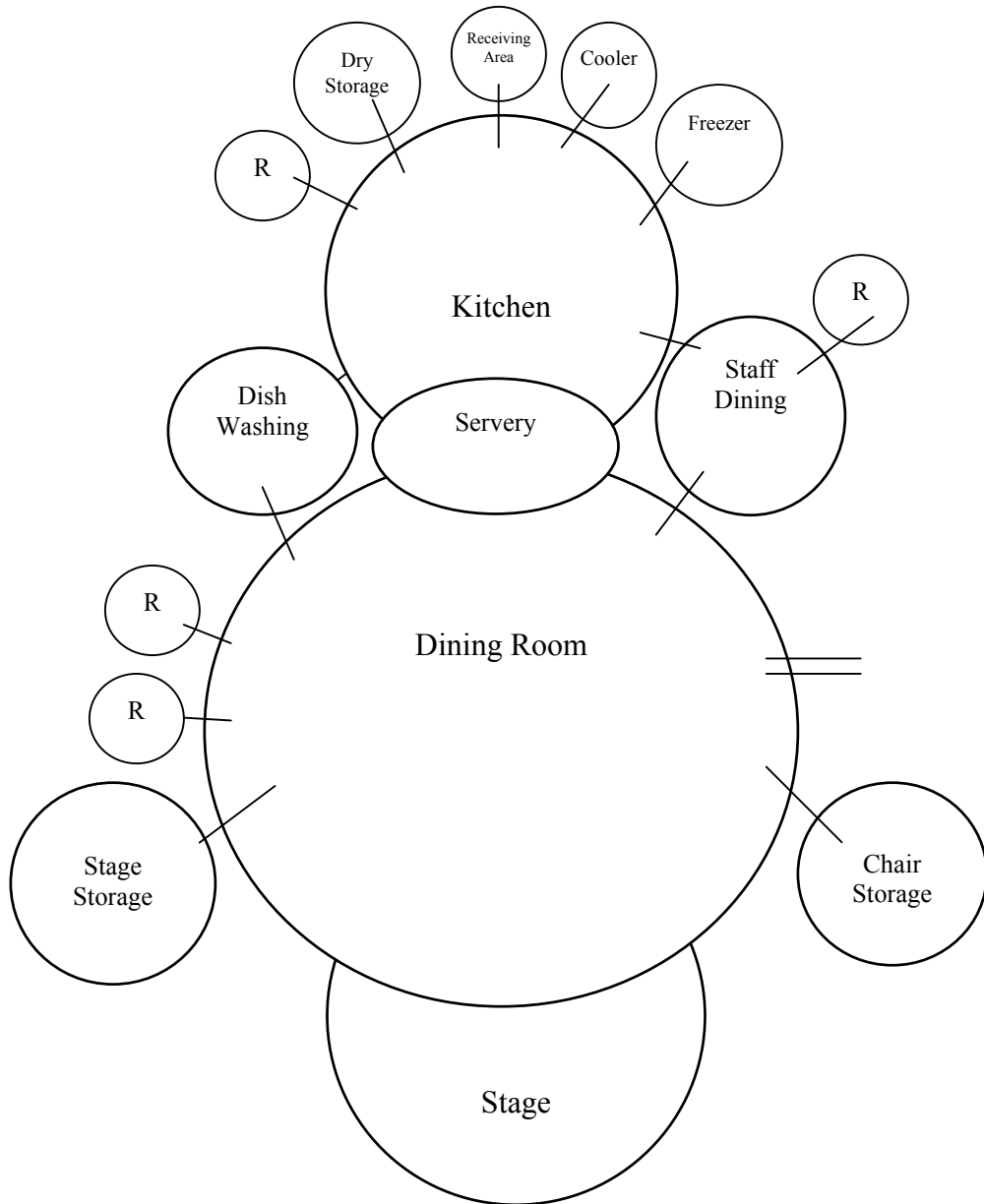
Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATION AND TRAFFIC CONTROL.**

- 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 Stage/Support

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.
- 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.
- S. **Other Considerations** – N/A

### SPATIAL RELATIONSHIPS Food Services, Multipurpose Room & Stage



R = Restroom

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. A Teacher Planning area shall be located near the Indoor Activity Lab.
- B. Three General Teacher Planning areas shall be located near the instructional areas for elementary, middle and high. Those Teacher Planning areas shall be approximately 400 NSF each in size.

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Stat.
			Per Unit	Total	Unit	Total.
<b>TEACHER PLANNING</b>						
1	Physical Education			100		
3	General Areas		400	1,200		
	<b>TOTAL</b>			<b>1,300</b>		<b>0</b>

Teacher Planning

**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		X	Copier
		X	Computers
		X	Printers
1		X	Work table
10		X	Chairs
1	X		Tack board, 4' x 6'
1	X		Clock
	X		Built-ins (refer to special considerations)
1	X		Mirror & vanity in staff restroom

**IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED**

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

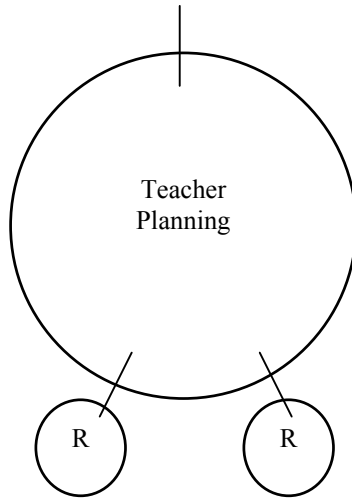
- A. **Heating/Cooling/Ventilation** - As required to Meet District Standards.
- B. **Acoustical** - As required to Meet District Standards.
- C. **Floor** - As required to Meet District Standards.
- D. **Walls** - As required to Meet District Standards.
- E. **Ceiling** - As required to Meet District 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.
- K. **Electrical** - As required to Meet District Standards.
- L. **Instructional Technology** - As required to Meet District Standards.

Teacher Planning

- 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.
- P. **Built-ins** -
  - 1. Provide mirror and shelf over sinks.
  - 2. Full-length mirror in restroom.
  - 3. Provide work counter for computers and printer. Provide lockable upper cabinets above work counter. The work counter shall have grommets for wire management.

# SPATIAL RELATIONSHIPS

## Teacher Planning



R = Restrooms, Staff

Teacher Planning

**CAREER EDUCATION**  
**FAMILY AND CONSUMER SCIENCES**

**I. PROGRAM PHILOSOPHY**

Family and Consumer Sciences (F.A.C.S.) Education shall meet the needs of the various cultures, abilities and interests of the students. It must provide a change of pace to compensate for the restlessness created by the rapid physical growth. It must also provide many activities, which will enable each student to explore a variety of experiences. The design of the program shall provide students with experiences that will acquaint them with a variety of careers that use F.A.C. S. related knowledge and skills.

F.A.C.S. shall provide a progressive curriculum which will encourage, motivate, and develops student potential. It shall help students gain awareness of their personal attitudes and interests and determine which are compatible with this career area. Through association with F.A.C. S. Education, the student will acquire skills essential to maintaining positive functioning families and to prepare to assume many future roles in society. Subject matter and practical learning experiences are included in:

A. Orientation/Exploration Courses (4):

Career Discovery  
Life Choices  
Teen Challenges  
Personal Development

B. Introduction

All Family and Consumer Sciences Programs are committed to encouraging all students enrolled to develop to their fullest potential as they learn skills for daily management of life and job predatory skills. Middle school exploratory courses are designed to give students initial exposure to a broad range of occupations to assist them in preparing their academic and occupational plans. Opportunities are available for participation in activities at school, at home, in the community and in our nation, which will help prepare students for the roles they will pay in our society through the FCCLA (Family Career and Community Leaders of America) vocational student organization.



**II. & III. PROGRAM GOALS/PROGRAM ACTIVITIES****A. Career Discovery**

The purpose of this course is to provide student's preliminary experiences with skills related to a variety of careers. Course content will consist of instruction in making career choices and basic employability skills that relate to the family and consumer sciences exploratory courses and leadership skills within the program.

Instruction and learning activities are provided in a classroom setting using hands-on experiences with a variety of materials and learning tools appropriate to the course content and in accordance with current workplace practices.

**B. Life Choices**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals. Emphasis will include using current technology resources to investigate the broad range of occupations and careers in family and consumer sciences. The concepts include personal decision-making as it applies to careers, occupational and entrepreneurial opportunities.

Instructional and learning activities are provided in a laboratory setting using hands-on experiences with the tools, materials and technology appropriate to the course content and in accordance with current practices. Activities provide instruction in the use of current equipment and technology, such as personal computers, software and multi-media platforms.

**C. Teen Challenges**

The purpose of this course is to assist students in enhancing the quality of their lives through Family and Consumer sciences, using current technology and resources. The content includes the creative process as it relates to the field of family and consumer sciences. Areas explored are developing strong positive interpersonal skills, strengthening families through work, play and communication; planning and preparing nutritious food, planning clothing choices; enriching experiences with children, exploring resource management, and developing leadership and organizational skills.

Instructional and learning activities are provided in a laboratory setting using hands-on experiences with the tools and materials appropriate to the course content and in accordance with current food preparation and clothing construction equipment and tools, personal computers and software, and

Family & Consumer Science

multi-media platforms.

D. Personal Development

The purpose of this course is to assist students with the development of self-esteem, a personal value system and self-discipline by developing positive coping skills to deal with physical, emotional, intellectual and social changes in self and others.

Instruction and learning activities are in a laboratory setting using hands-on experiences with the instructional materials and multimedia platforms appropriate to the course content and in accordance with current practices.

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher/Student Ratio varies

Grade Levels for Which Program is Intended K - 12

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

- A. Evening classes
- B. F.H.A./H.E.R.O. meetings
- C. Outreach programs for the community

**VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.) -**

N/A

**VII. PROGRAM FACILITIES LIST**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>CAREER EDUCATION - FAMILY &amp; CONSUMER SCIENCE</b>						
1	Life Skills Laboratory (kitchen)			1,200	17	17
1	Material Storage			155		
1	Project Storage			150		
1	Laundry Area			50		
	<b>TOTAL</b>			<b>1,555</b>		<b>17</b>

Family & Consumer Science

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Life Skills Laboratory (kitchen)

#### 1. Teacher Demonstration Table and adjacent area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Demonstration Table: sink, stainless steel, double
1	X		Demonstration Table: Disposal with GFI switch
1	X		Demonstration Table: Built-in Self cleaning oven with visual light door
1	X		Refrigerator/freezer combination, commercial upright, frost-free, vertical hinge doors, minimum 46 cu. ft. stainless steel with shelving (used for storage of demonstration foods and as central storage of unprepared foods), lockable
1	X		Demonstration Table: Microwave oven (portable) requires separate circuit. Locate oven above wall, <u>not</u> combined unit.
1	X		Demonstration Table: Dishwasher, Jet Tech, commercial, under counter
1	X		Ice machine, 150 lb capacity
1	X		Overhead mirror, adjustable for student viewing, cork on reverse side
	X		Built-ins (refer to special considerations)

#### 2. Preparation Unit Kitchen (2) (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Range, 30" w x 36" h, front controls, visual light door, with hoods
1	X		Double kitchen sink with kitchen faucet (HW/CW) and garbage disposal
1	X		Refrigerator/freezer with ice maker, 22 cu.ft., each serves two units
1	X		Surface burner cooking units
1	X		Convention Oven
1	X		Microwaves
1	X		Fire extinguisher
1	X		Fire blanket, mounted
1	X		First Aid kit, mounted
	X		Built-ins (refer to special considerations)

**3. Instructional Area**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Octagonal table, plastic, laminated top, 48" diameter, 20" each side, adjustable legs, multipurpose, strong construction as approved by F.A.C.S. Specialist
6		X	Table round, plastic, laminated top, 48" diameter, adjustable legs, folding with casters, multi-purpose, strong construction as approved by F.A.C.S. Specialist
30		X	Chairs, stackable
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Book rack, portable, library size for reference books, recipe books, etc.
2		X	Tea cart, stainless steel
1		X	Teacher podium and adjustable stool with back support
4		X	Computers
2		X	Printers
2	X		Marker Board, 4' x 16' with map rail and flag holder
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	X		Built-ins (refer to special considerations)

**B. Laundry Area**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Washer, front loading, stainless steel
1	X		Dryer, vented
1	X		Laundry Tub
1		X	Vacuum Cleaner
1		X	Step stool with safety trends and fold-back seat
1		X	Fitting stool, 24" diameter x 20"H, safety tread foot surface
1		X	Hamper for towels to be folded and tablecloths to be ironed.
	X		Built-ins (refer to special considerations)

**IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED**

Refer to GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROLS.

**A. Heating/Cooling/Ventilation - As required to meet District Standards.**

Family & Consumer Science

1. **Clothes Dryer:** Provide vent to outside.
  2. **Range:** Provide hood with exhaust fan and vent to outside.
- B. Acoustical** - As required to meet District Standards.
- C. Floor** – As required to meet District Standards. Provide non-absorbent, non-slip, grease-proof quarry tile with same 6” coved base on all walls with floor drains in kitchen area.
- D. Walls** - As required to meet District Standards. Provide tile back splash in kitchen area.
- E. Ceiling** - As required to meet District Standards.
- F. Lighting** – As required to meet District Standards. Provide task lights above kitchen area.
- G. Windows** - As required to meet District Standards.
- H. Doors** - As required to meet District Standards. Provide doorways for delivery access between laboratories and into teacher planning.
- I. Water/Plumbing Fixtures** – As required to meet District Standards.
- J. Communications** – As required to meet District Standards. Telephone jack in material storage in each laboratory
- K. Electrical** - As required to meet District Standards. Duplex outlets to be provided at each end or one end and center of demonstration islands. Each food preparation unit to be equipped with two duplex outlets above each splash panel. Wall outlets provided for refrigerators, commercial. Electrical molding strips running length of walls adjacent to sewing areas to allow for flexibility in arrangement and to accommodate various quantities and types of electrical equipment, 220-volt outlets for washer, dryer, stoves, water heater, ice makers, garbage disposal, sewing machines, dishwashers, micro ovens, computer management stations, computer work stations for students and teacher, teacher demonstration centers, kitchen units, and additional convenience spaces in MS/teacher planning areas.
- 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. Fire blanket mounted on wall in exploration laboratory in close proximity to cooking area. Ground fault interrupters in exploration laboratory. Master switch in both laboratories to turn off all equipment, except refrigerators. Provide panic switch in all laboratories.

- O. **Fencing** – As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards. Entrance to the department shall be adjacent to a service drive and parking area to accommodate delivery, maintenance, garbage disposal, invited guests and resource persons.
- Q. **Parking** – As required to meet District Standards.
- R. **Built-ins**

- 1. **Life Skills Laboratory (kitchen)**

- a. **Teacher Demonstration Table**

- (1) Provide counter top, 9'L x 30"D x 34"H, including lip and surface cooking unit
- (2) Provide four-burner "counter top that cooks" with thermostatic controls
- (3) Provide under counter storage area, 6'L x 24"D x 34"H
- (4) Provide double outlet, each end or one on end and one on center of demonstrator side
- (5) Locate where all students can see, no wall.

- b. **Preparation Unit Kitchen (2)**

- (1) Provide plastic laminate counter surface for preparation and service of cooked and baked products, including meals. Area 18'L x 24"D x 34"H (includes double bowl sink). Wall counter, 24" D. L-shaped kitchens are preferred; no islands and avoid one-wall kitchen designs. No upper cabinets protruding out into room that would block teacher's view. Kitchen unit (2): one disabled accessible, and three regular.
- (2) Storage area
  - (a) Provide above counter: 6'W 12"D x 30"H (for dishes, mixing bowls, storage jars, staples, etc.).
  - (b) Provide below counter: 24"D x 34"H x 18'L. Storage for equipment, baking, cooking, etc. All space is utilized by use of drawers with oblong, recessed pulls.
- (3) Provide bookshelves for cookbooks and card files (12"H x 12"D x 18"W)
- (4) Provide cabinet to house convection oven (1), microwave oven (4) stainless steel above convection oven, separate unit, not combined wall unit with microwave oven

Family & Consumer Science

**c. Storage Room**

- (1) Provide storage compartment (18), for student use (personal belongings), 12"H x 12"D x 20"W, in student study modulars, lockable
- (2) Provide textbook storage/shelving in storage room
- (3) Provide storage for equipment, linens, punch bowls and cups, etc., used for entertaining
  - (a) Upper cabinet, 12"D x 30"H x 28"W
  - (b) Lower cabinet, 24"D x 34"H x 28"W
- (4) Provide magazine racks for resource issues
- (5) Provide pantry, 6' x 5'; adjustable shelves, 11"D on two sides; 24"D on back side.
- (6) Provide storage cabinet, six drawers, 5"D x 24"W x 24"L for Instructional file space:
  - i. Drawer storage for illustrative pamphlets.
  - ii. Boxes or storage drawers for instant lessons.
  - iii. Poster storage for: commercial posters, teacher and student-made posters, and poster boards.
  - iv. Bulletin board materials for: paper, cardboard and plastic letters.
  - v. Art supplies and seasonal decorations.

**2. Laundry Room**

- a. Provide built-in, lockable storage cabinet for laundry supplies (detergent, starch, bleach).
- b. Provide storage space for folded linens with doors and lockable.

**3. All Laboratories**

- a. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
- b. 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.

Family & Consumer Science

- c. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall

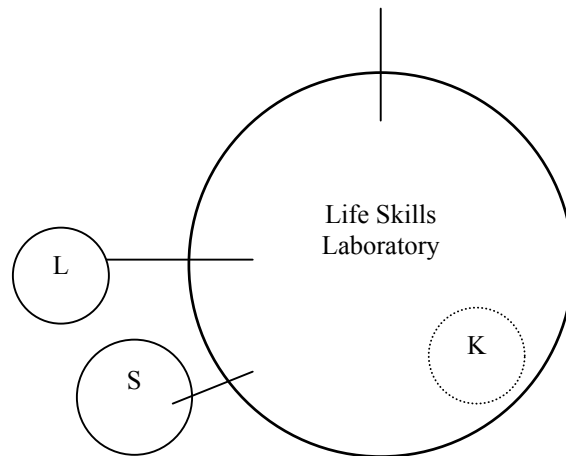
**S. Other Considerations**

1. All locks on cabinets, storage areas and display area shall be keyed for one master
2. Refrigerator/freezer, commercial, placed in close proximity to demonstration center.
4. All stationary cabinets and counters have 3" toe space
5. Pest control - enclosed plumbing in under-sink counter cabinets.
6. Teacher planning space is to be located within the collective teacher planning room(s). Direct access from Teacher Planning to foods laboratory is essential.
7. A side-by-side washer and dryer laundry space with hot water heater of sufficient capacity to serve all of the laboratory needs shall be provided in the food laboratory.
8. Colors shall be neutral so instructors and school administration may add key colors in furnishings, equipment and accessories.
9. Laboratory areas shall be designed to accommodate flexible use of classrooms and furniture.



**SPATIAL RELATIONSHIPS**

**Career Education  
Family and Consumer Science**



S = Storage, Project and Material  
K = Kitchen  
L = Laundry

Family & Consumer Science

**CAREER EDUCATION**  
**TECHNOLOGY**

**I. PROGRAM PHILOSOPHY**

Technology Education is a comprehensive, action-based K-12 discipline designed to incorporate information technologies, physical technologies, and biotechnologies in promoting the integration of academic and career skills with an emphasis on problem solving and decision making that is essential in developing the human potential needed to compete in a technological society. Technology Education provides exploratory experiences which help the student make wiser and more valid educational and occupational choices which may be articulated with vocational, technical, or higher education requirements. The strength of the program lies in learning through laboratory activities performed by the student.

**II. PROGRAM GOALS**

This program is designed to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of technology and its effect upon our lives and the choosing of an occupation.

**III. PROGRAM ACTIVITIES**

**A. General Activities (applicable to all laboratories)**

1. Planning by individuals and groups.
2. Observing, analyzing, and solving problems.
3. Experimenting in the laboratory by individuals and groups.
4. Performing manipulative operations.
5. Designing, developing, and producing products.
6. Maintaining equipment and tools.
7. Teacher demonstration.
8. Testing of individuals and groups.

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio varies  
Grade Levels for Which Program is Intended K-12

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

N/A

**VI. JUSTIFICATION FOR VARIANCE FROM STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (S.R.E.F.)**

N/A

## VII. PROGRAM FACILITIES LIST

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>CAREER EDUCATION - TECHNOLOGY</b>						
1	Orient/Explore Technology Laboratory			1,200	13	13
1	Material Storage			90		
1	Project Storage			310		
	<b>TOTAL</b>			<b>1,600</b>		<b>13</b>

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Exploring Technology Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher desk
1		X	Teacher's chair, arms, swivel, five casters, fixed back
1		X	Computer, telecommunications station
18		X	Computer tables with wire management
18		X	Computers
6		X	Printers, laser and ink jet
2		X	Scanner
		X	Various computer software
30			Student computer table chair, swivel, five casters, pneumatic lift, non-tilt, armless, fixed back.
1		X	Portable power tool cabinet, 60"W x 22"D x 84"H, two sections each with five adjustable shelves, made of hard maple framing with hardwood plywood panels.
2		X	File cabinet, four drawer, legal, lateral, lockable
1		X	Bench, woodworking, 64"W x 54"D x 33-1/4"H, with vises, six locker bases, maple top
2		X	Wall bench (2), 72"W x 24"D, nine locker base, maple top.
2	X		Marker Board, 4' x 16' with map rail and flag holder
1		X	Tool storage cabinet, 62"W x 22"D x 84"H, for general hand tools, made of hard maple framing and hardwood plywood panels,
1		X	Parts storage cabinet, 36"W x 18"D x 78"H, steel, locking with 176 drawers.
2	X		Tack Board, 4' x 4'
1		X	Band saw, 14," enclosed stand on wheels, miter gauge and rip fence, wheel and blade guards, arbor and motor pulleys, V-Belt, blade guides, wood cutting blade, 25"W x 18"D, magnetic control switch, 3/4 HP single phase motor, 230V, 7A.
1		X	Band saw, 8", bench top mounted, with miter gauge, 1/5 HP single phase motor, 115V, 2.5A
2		X	Scroll saw, 20", bench top mounted, multi-speed, single phase motor, 115V, 2A

Technology

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Drill press, 14", bench top model, five spindle speeds, □ HP single phase motor, 115V, 10A
1		X	Combination belt/disc sander, 1" belt/8" disc, bench top model with miter gauge, 1/3 HP single phase motor, 115V, 10A.
1		X	Tool grinder, 6", bench top mounted, with two-piece tool rests, exhaust-type guards, two wheels, 6"W x 3/4"D x □"H, (one, 36-grit and one, 60-grit), 1/3 HP single phase motor, 115/230V, 10/5A.
3		X	Vacuum cleaner, 28-gal. with 6' x 2-1/2" hose, extension wands and nozzle, 115V, 10A.
1		X	Computer numerical controlled milling machine, including a CAD/CAM Software Package and a Machinist Kit, 115V, 15A
1		X	Computer numerical controlled lathe, including a CAD/CAM Software Package and a tool kit, 115V, 15A
1		X	Aerospace technology carrel, self-contained instructional system, 115V, 6A
3		X	Robotics arm, 3 axis, IBM interface, Fischertecnic or equivalent
3		X	Robotics arm, five axis, IBM interface, software to include: Motor control with four motors and two power supplies, Color Recognition Kit, Assembled Conveyor System, HALL Effect Sensor Kit.
2		X	Robotic arm Armadroid, or equivalent
1		X	Plotter and sign maker, IBM compatible with cables, Roland or equivalent, 115V, 2A.
1	X		6' x 8' video format screen with black masking borders
1	X		Pencil sharpener with proper backing
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Single sink with goose neck faucet (HW/CW)
1	X		Clock
1	X		TV/Multimedia Cabinet (refer to general considerations)
	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. Baffles shall be installed in the laboratories to reduce the noise level when machinery is in use.
- C. Floor – As required to meet District Standards.
- D. Walls - As required to meet District Standards.
- E. Ceiling - As required to meet District Standards.

Technology

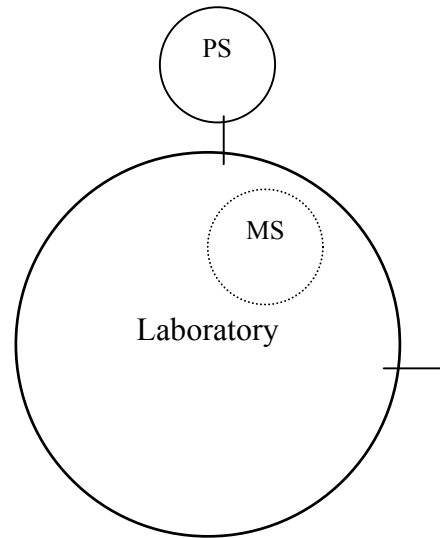
- F. **Lighting** – As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. In the Exploration of Communications Technology Laboratory, install observation windows in the wall of Material Storage Room.
- H. **Doors** – As required to meet District Standards. Provide double door with removable mullion in the laboratory opening to the outside to facilitate delivery of materials.
- I. **Water/Plumbing Fixtures** - As required to meet District Standards. Provide hook-ups for single sink with goose neck faucet with (HW/CW) in each laboratory.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards. Laboratory to have 120-volt, wall-mounted, duplex outlets 6' apart. One, 120-volt, industrial quality, pull-down/retractable, ceiling-mounted extension cord to be installed above each work bench, plus power poles for quad type computer work stations. When in the retracted position, the cords shall not extend lower than 6' above the floor. Material storage to have two, 120- volt duplex outlets. Student project storage to have two, 120-volt duplex outlets.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards. Provide compressed air system.
- 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 24 compartment book rack for storage of student textbooks and other personal items located near the each laboratory entrance. Each compartment to be 15" x 15" x 15". One coat rack of sufficient size for 20 students located near the entrance to the laboratory.
  2. Provide base cabinet with doors, lockable and adjustable shelves, 34"H, and upper cabinets with doors, lockable and adjustable shelves where wall space is available.
  3. Provide storage areas adjacent to, but separated from, the main laboratory
- Technology

area, shall be planned into the basic construction. Racks shall be built-in and allow for vertical and horizontal storage; shall be adequate to hold large quantities of stock safely. Separate storage for student projects which will provide easy access, yet safe storage, must be included.

4. Provide teacher demonstration table, 96"W x 30"D x 34"H, 1" plastic laminate top, double-door base unit, two adjustable shelves, five-drawer base unit, modesty panel, master keyed cylinder locks and pulls with electrical and data outlets in each laboratory.
  5. Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.
  6. 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.
  7. Provide TV/Multimedia cabinet, approximately 48" in height with the TV monitor sitting on top of the cabinet. The TV/Multimedia cabinet shall include lockable doors with adjustable shelving for multimedia equipment. The TV/Multimedia cabinet shall also have grommets for wire management. The TV/Multimedia cabinet shall be located along or near the teaching wall
- S. Other Considerations** - Room proportions shall range from square to rectangle of, approximately, one to one-and-one-half proportion. The recommended minimum width is, approximately, 30 ft. All areas of the laboratory must be observable by the teacher from any position. There shall be as few built-in obstructions as possible. Unobstructed vision is important.
1. Vacuum and air compressor systems shall be located outside classrooms.
  2. Noise control in and between laboratories.

**SPATIAL RELATIONSHIPS**

**Career Education  
Technology**



MS = Material Storage  
PS = Project Storage

Technology

**Facility Space Summary****Indian Ridge****New Construction****Grades K – 12****Total Student Stations: 253****FISH Capacity: 253****Program Capacity: 105**

<b>Facility Area</b>	<b>Proposed Student Stations</b>	<b>Net Assign Square Feet (NASF)</b>
Administrative/Student Services		6,678
Art		1,421
Computer/Skills Laboratory	22	900
Custodial		1,865
Elementary Classrooms	32	3,140
Exceptional Student Education	0	570
Food Services		6,493
High Classrooms	96	9,000
Media Center		4,850
Middle Classrooms	48	4,500
Music		1,711
Physical Education	0	3,915
Resource Rooms		3,420
Restrooms		2,024
Science	25	1,490
Stage		800
Teacher Planning		1,300
Career Education		
Family & Consumer Science	17	1,555
Technology	13	1,600
<b>Totals</b>	<b>253</b>	<b>57,233</b>
Mechanical @ 6%		3,434
<b>Total Net Sq. Ft.</b>		<b>60,667</b>
Circulation, Walls etc. @ 27%		16,380
<b>Total Gross Sq. Ft.</b>		<b>77,047</b>

Facility Space Summary