

EDUCATIONAL SPECIFICATION

BOYNTON BEACH HIGH SCHOOL

Academy Programs Modification
Grades: 9-12
Academy Student Stations: 129



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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 (SBPBC) 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 S.R.E.F.
- 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

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 Palm Beach County, the community, state and 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 this project were developed by a participatory process involving committees of educators, the Department of Secondary and Career, 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.

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. **Occupational Interests** - 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. Broaden 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 a 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 SDPBC 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 cutriculum.
- 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 schools 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 SDPBC.
- 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

**Boynton Beach High School
Grades 9-12
Academy Programs Modification
Academy Student Stations: 129**

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
DANCE						
2	Performance Dance Studio		1,500	3,000		0
2	Material Storage		155	310		
	Subtotal			3,310		
Shared Spaces						
2	Changing/Restroom (M & F)		326	652		
	TOTAL			3,962		0
MUSIC						
2	Vocal Music Classroom		1,596	3,192	28	56
2	Ensemble Room		300	600		
6	Practice Room		70	420		
2	Material Storage		155	310		
2	Robe Storage		150	300		
2	Material Storage		100	200		
	Subtotal			5,022		
1	Keyboard Classroom			975		28
4	Practice Rooms		70	280		
1	Material Storage			155		
	Subtotal			1,410		
1	Recording Studio			250		
	TOTAL			6,682		84
THEATRE ARTS						
1	Drama Studio		800	800	25	25
1	Material Storage		155	155		
1	Project Storage		150	150		
	Subtotal			1,105		
1	Costume Shop		1,680	1,680	20	20
1	Laundry		100	100		
1	Material Storage		155	155		
1	Project Storage		150	150		
1	Costume Storage		400	400		
	Subtotal			2,485		
Black Box Theater						
1	Black Box Theater Seating (150 seats)			1,050		

Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
			Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
1	Black Box Theater Stage			1,440		
1	Control Booth			100		
1	Green Room			200		
1	Box Office			30		
1	Concession Stand			200		
2	Dressing Rooms (M & F)		326	652		
	Subtotal			3,672		
1	Technical Construction Workshop (Scenery Shop)			1,140		
1	Scenery Storage			310		
1	Tool Storage			195		
1	Flammable Storage			155		
	Subtotal			1,800		
	TOTAL			9,062		45
	Staff Restrooms (as required by code)			52		
	Student Restrooms (as required by code)			194		
	Custodial (as required by code)			142		

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

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 Education Specification, District Master Specification (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 the DDC - Architectural.
- D. **Heating, Ventilating and Air-Conditioning (HVAC)** – Design the system(s) in accordance with the DDC – Mechanical and the related DMS sections in Division 15.
- E. **Plumbing** - Design the system(s) in accordance with the DDC – Plumbing and the related DMS sections in Division 15.
- F. **Building Fire Protection** - Design the system(s) in accordance with the DDC – Plumbing and the related DMS sections in Division 15.
- G. **Windows** – Provide windows in accordance with the DDC - Architectural.
- H. **Floors** - Provide floors in accordance with the DDC - Architectural.
- I. **Walls** - Provide walls in accordance with the DDC - Architectural.
- J. **Roof** - Provide roofs in accordance with the DDC - Architectural
- K. **Corridors and Student Commons** - Corridor shall comply with the 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 the DDC – Architectural.
- M. **Hot Water** - Hot water shall be provided as indicated and per code. Refer to the DDC - Mechanical and Plumbing and DMS.
- N. **Lighting** - Classroom lighting shall be controlled with alternate switching of light fixtures. Provide lighting in accordance with the DDC – Electrical and DMS.

- O. **Electrical** - Provide Electrical System in accordance with the 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 requirements 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 and installed 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 System** – Provide ITV system in accordance with the DDC – Electrical and DMS sections in Division 16.
- V. **Color/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 media center. A built-in trophy case with tackable backboard shall be located in gymnasium and auditorium. 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 the DDC, DMS and FBC.
- Z. **Site Fire Protection** - Refer to the DDC, DMS, FBC and FFPC.

- AA. Automobile Parking** - Provide parking in accordance with traffic control section, DDC – Architectural and Civil. Visitor parking shall be provided near the entrance to the administrative suite.
- AB. Water Outlets** - Provide hose bibs in accordance with the DDC - Plumbing.
- AC. Potable Water** - Systems 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 the DDC - Civil.
- AE. Sanitary Sewer** - Systems shall be designed in accordance with the DDC – Civil.
- AF. Storm Water Drainage** - Systems 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** - Systems 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 the 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 the DDC – Mechanical.
- AM. Community School** - The general plan and campus design shall be arranged to permit and facilitate use of all appropriate school facilities by community agencies when these spaces are not in use for the regular school program. Community school considerations include ready access from parking lots to all athletic and recreational facilities, meeting rooms, music facilities, media center, cafeteria and community school coordinator's office. Offices(s) shall be located near the parking lot with adequate lighting and natural surveillance.

- AN. Exterior Building Materials** - Major exterior building materials shall be fully documented in the design phase of project development for review and approval by the SDPBC Superintendent or his/her designee. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. Refer to the 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 the DDC.
- AP. School Site and Play Fields** - The school site and play fields shall be designed in accordance with the DDC – Architectural and Civil.
- AQ. Working Heights** - Provide built-in equipment and furnishings in accordance with the DDC - Architectural.
- AR. Ventilation** - Ventilation shall be designed in accordance with the DDC - Mechanical.
- AS. Program Furniture and Equipment** - Program furniture and equipment list, in this document, is a 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 the DDC - Plumbing.
- AU. Design Notebooks** - Refer to the 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 high schools, contractor to provide a lighted double sided marquee/school sign, 9'x12' in size, with adequate electrical service stubbed out for future wireless LED message area upgrades.
- AY.** Refer to the DDC – electrical and DMS with regards to ceiling projectors raceway system. Contractor to provide ceiling projectors raceway system with all necessary wiring and properly supported projector mounting brackets in all instructional spaces and other designated areas. Obtain the latest detail of installation and specifications from the District's Network Services Department.
- AZ.** Those high schools designed by the Emergency Operation Center will be

Hurricane Shelters.

- BA.** 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.
- BB.** Each school center shall a lightning detection device.
- BC.** All built-in counters shall be wire management holes (grommets) to service telephones and computer hook-ups.
- BD.** 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.
- BE.** 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.
- BF.** Contractor to provide a 30’ high flagpole with two complete rope systems. The flagpole shall be located near the main office/administration.
- BG.** Refer to the DDC – electrical and DMS with regards to conduit and junction box for sound field enhancement system.
- BH.** 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.

GENERAL SECURITY CONSIDERATIONS

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

locked. Should be visible from office staff or classroom windows.

- H. When designing courtyards, consider physical division of space, i.e. benches, planters, to avoid congregation of large groups of students and to allow smooth flow of traffic. Position amenities to create multiple access and passageways. Planters shall not be placed in such a way as to allow its contents to block clear vision of common areas and courtyards. Limit the heights of all trees and shrubbery that are planted between the buildings and all thoroughfares, congregate areas, bike and auto parking spaces, courtyards, portables, entry/exit points throughout the interior perimeter barrier, playfields, etc. to not 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 buildings(s), one for school police and one for the fire department. Coordinate with local fire department and district personnel.

SITE DEVELOPMENT

- A. All site plans shall comply with SDPBC Technical Requirements Manual for Site Plans.
- B. Refer to the District Design Criteria (DDC).
- C. Landscaping plan shall contribute to the development of a balanced and harmonious appearance of the educational complex. Landscaping shall be based on surveys of existing plants on the site and a palette of species of plants native to the vicinity. Plantings shall be site specific with special consideration given to minimizing supplemental irrigation systems, energy efficiency and maintainability of the designed vegetation systems, from installation to maturity. Supplemental irrigation systems to be used shall provide for total coverage of landscape areas. Where practical, minimum plant sizes and maximum spacing shall be used. Landscaping shall be in compliance with State Requirements for Educational Facilities Guidelines.

TRAFFIC CONTROL

The following traffic related activities occur on the school site:

1. Approximately, 30 school buses will enter and exit the site at the beginning and end of each school day.
2. Approximately, 270 staff will enter and exit the site daily.
3. Service and visitor vehicles will enter and exit the site daily.
4. Private vehicles of 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. Parking spaces shall be conveniently located for approximately (235) staff, (565) students, (25) visitors and (40) service personnel. Ten of these to be convenient to kitchen. Parking locations shall be located on-site and/or off-site.
2. Visitor parking shall be provided near the administrative suite and will naturally lead to the administrative suite reception entry.
3. A fenced parking area with lockable gates for bicycles shall be provided.
4. Student pedestrian traffic to play fields shall not cross any vehicular traffic area.
5. Refer to **District Design Criteria (DDC)**.

CUSTODIAL

I. PROGRAM PHILOSOPHY

Staff and students can expect a clean healthful environment in which to teach and learn. A properly organized and trained custodial staff has the ability to ensure 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 and care must be exercised that cleaning is their primary function. Redirection of the custodial staff to non-cleaning functions can severely impact the cleanliness of the facility. Staff and students help ensure 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

- A. Prepare and maintain adherence to work schedules to ensure regular, daily cleaning of the entire facility in accordance with "Instructional Handbook for Custodians."
- 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 and adhere to all safety and fire regulations regarding storage of material and maintenance and use of equipment.
- 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 orderly storage and running inventory of custodial supplies and reorder

as necessary for timely replacement.

K. Attend training classes as provided.

IV. ORGANIZATIONAL NOMENCLATURE

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

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

Personnel - Desired trend is to employ more competent custodians with better organized work schedules, in-service training and supervision. Total staff shall be able to read and write and must be able to communicate in English. Custodial foreperson must have demonstrated ability to perform in accordance with all requirements of the position.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

N/A

VII. PROGRAM FACILITIES LIST

Spaces	Description	Proposed		Proposed	
		Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
	Custodial (as required by code)		142		

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Service Closet (per closet)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Service sink, floor mounted (HW/CW).
1		X	Service Cart
	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.

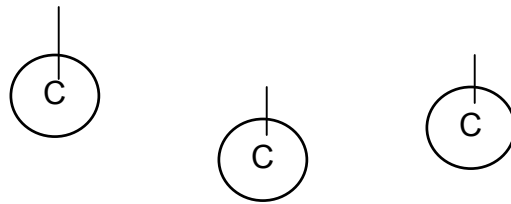
B. Acoustical - As required to meet District Standards.

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. **Water/Plumbing Fixtures** - 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.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins** – Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling in Service Closets.
- S. **Other Considerations** – N/A

SPATIAL RELATIONSHIPS

Custodial



C = Closets, per Code

Not all spaces are shown

RESTROOMS

Provide public restrooms and student restrooms as required by code.

Spaces	Description	Proposed		Proposed	
		Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
	Staff Restrooms (as required by code)		52		
	Students Restrooms (as required by code)		194		

Although square footage allocation is per SREF, accommodations for size of spaces and numbers of spaces must be made for F.A.C.B.C. and parity.

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

N/A

VII. PROGRAM FACILITIES LIST

Spaces	Description	Proposed		Proposed	
		Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
1	Teacher Planning		400		

VIII. PROGRAM FURNITURE AND EQUIPMENT

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Vending machine(s)
1		X	Copier
		X	Computers
		X	Printers
1	X		Tack board, 4' x 6'
1	X		Clock, battery
1		X	Activity Table
	X		Built-ins (refer to special considerations)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Mirror & vanity in staff restroom

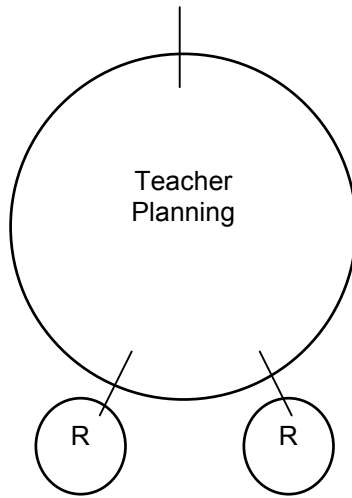
IX. SPECIAL CONSIDERATIONS – (CONTRACTOR PROVIDED)

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..
- 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 teacher carrels with pedestal to accommodate ten (10)

teachers with computer and printer. Provide lockable upper cabinets above teacher carrels. The teacher carrels shall have grommets for wire management.

SPATIAL RELATIONSHIPS Teacher Planning



R = Restrooms, Staff

DANCE

I. PROGRAM PHILOSOPHY

Students will perceive and respond to aesthetic qualities found in Dance, value dance experiences as an important realm of human activity, be actively involved in dance production and know about Dance and it's relationships to the environment and our cultural heritage. Students will make and justify judgments about the aesthetic qualities and merits of dance and artistic production.

II. PROGRAM GOALS

- A. Perceive and respond to dance qualities.
- B. Value dance as an important realm of human experience.
- C. Produce dance.
- D. Know and understand the significance of dance content and the relationships that exist between dance and other disciplines.
- E. Make and justify judgments about aesthetic qualities and merits of works of dance.

III. PROGRAM ACTIVITIES

The dance program includes the study of basic elements, principles, concepts and theory of dance. All areas of the dance program will be included such as viewing, producing, critiquing and studying Dance History.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio 1:25
Grade Levels for Which Program is Intended 9-12

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. Per Unit	Stu. Sta. Total
DANCE						
2	Performance Dance Studio		1,500	3,000		
2	Material Storage		155	310		
	Subtotal			3,310		
Shared Spaces						
2	Changing/Restrooms (M & F)		326	652		
	TOTAL			3,962		

VIII. PROGRAM FURNITURE AND EQUIPMENT –

A. Performance Dance Studio

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Bookcase with adjustable shelves
		X	Piano
	X		Ballet Bars, fixed
		X	Ballet Bars, portable
1	X	X	Sound system, portable: tape recorder, CD, stereo, stereo amplifier, speaker (4), recording microphone (2), cassette recorder (high quality) & microphone stand (2) (refer to special considerations)
1		X	Mobile Stereo Cabinet
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)
1	X		Marker Board, 4' x 8', with map rails and flag holder.
1	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

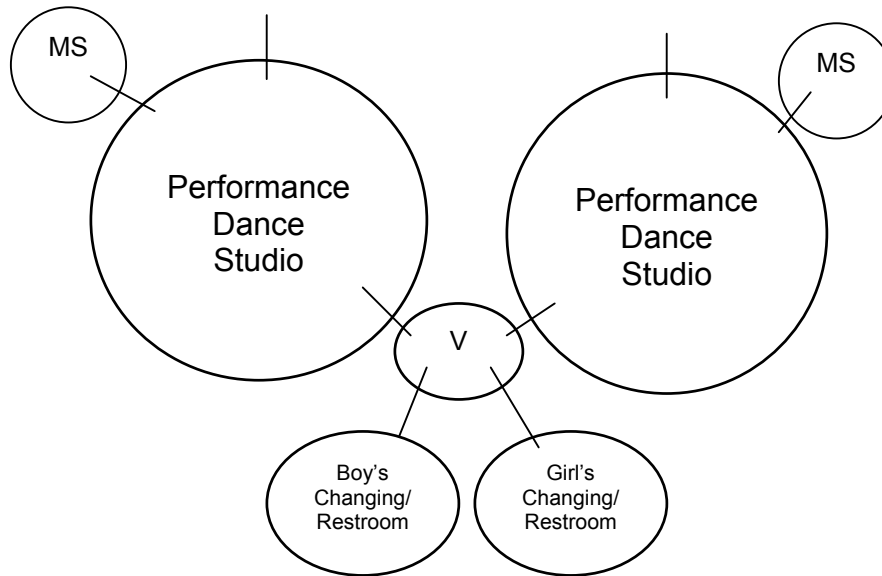
- A. Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. Acoustical** - As required to meet District Standards. Provide optimum acoustics for rehearsal and teaching areas.
- C. Floor** - As required to meet District Standards. Sprung wood dance floor with marley dance surface for dance studio.
- D. Walls** - As required to meet District Standards. Two walls shall have mirrors on a 2" downward slant and ballet bars shall be mounted on opposite wall.
- E. Ceiling** - As required to meet District Standards. Acoustically treated for best

musical sound. Dance Studio ceilings shall be 15'.

- F. **Lighting** – As required to meet District Standards. Provide track lights.
- G. **Windows** - As required to meet District Standards. No outside windows. No window in or near entrance doors. Windows in instructional area shall be acoustically treated to reduce sound transmission.
- H. **Doors** - As required to meet District Standards. Doors must be secure against break-in to protect equipment. Doors and walls in instructional area shall be acoustically treated to reduce sound transmission.
- I. **Water/Plumbing Fixtures** – 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, etc.
- L. **Gas and Air** - As required to meet District Standards.
- M. **Safety** – As required to meet District Standards.
- N. **Fencing** – As required to meet District Standards.
- O. **Service Drives** - As required to meet District Standards.
- P. **Parking** - As required to meet District Standards.
- Q. **Built-ins** -
 - 1. **Changing/Restroom (each)** -
 - a. Lockers (30) at each area approximately, 12"W x 36"H x 16"D in size.
 - b. Benches
 - c. Mirror, 8', stainless steel
 - d. Security mirrors as required for visibility in blind spots.
- R. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

DANCE



MS = Material Storage
V = Vestibule

MUSIC

I. PROGRAM PHILOSOPHY

The purpose of the Music Education program is to develop in students the sensitivities, feelings, understandings, cultural values, enjoyment and skills necessary for them to have an aesthetic response to utilize and enjoy music as part of everything they do throughout life. The development of creativity can be greatly enhanced through music education.

The high school music program must offer those experiences which enable a student to listen to, write and perform music. Only through these three experiences can objectives of music education be achieved.

II. PROGRAM GOALS

Instructional Programs - The high schools shall have a music curriculum which includes experiences in singing, playing, composing, arranging, studying general music (literature, history) and performing in the student's choice of media.

III. PROGRAM ACTIVITIES

A. Vocal Classes

1. Mixed chorus
2. Intermediate mixed chorus
3. Vocal solo and ensemble
4. Advanced chorus

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: varies

Grades Levels for Which Program is Intended 9 - 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.
MUSIC						
2	Vocal Music Classroom		1,596	3,192	28	56
2	Ensemble Room		300	600		
6	Practice Room		70	420		
2	Material Storage		155	310		
2	Robe Storage		150	300		
2	Material Storage		100	200		
	Subtotal			5,022		
1	Keyboard Classroom			975		28
4	Practice Rooms		70	280		
1	Material Storage			155		
	Subtotal			1,410		
1	Recording Studio			250		
	TOTAL			6,682		84

VIII. PROGRAM FURNITURE AND EQUIPMENT

The following is a suggested Musical list with concentration on design considerations. This list is a guideline and not a required list.

A. Vocal

No. of Items	Contractor Provided	District Provided (FF&E)	Description
100		X	Music posture chair
1		X	Teacher desk
1		X	Acoustical shell, folding (7 units)
2		X	Storage truck or rack, for chair removal
1		X	Conductor system, podium
2		X	Table, 30" x 72"
1		X	Choral risers, seven sections, portable
1		X	Seated choral risers (7 units)
1		X	Portable staging
1		X	Grand piano, 6'
2		X	Choral folio lockable, cabinets with caster base with 100 slots each 10 1/2" w x 12 1/2"d x 1 3/8"h
1		X	Piano dolly for grand piano
2		X	Sound system, portable: tape recorder, CD, stereo, stereo amplifier, speaker (4), recording microphone (2), cassette recorder (high quality) & microphone stand (2) (refer to special considerations)
1		X	CD recorder

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Mobile Stereo Cabinet
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)
4		X	Computer
2		X	Printer
2	X		Marker Board, 4' x 8', with map rails and flag holder.
2	X		Marker board, 4' x 8', with staff
1	X		Tack Board, 4' x 4'
1	X		6' x 8' Video Format Screen with black masking borders
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
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)

B. Piano Keyboard

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Table, 6'L
30		X	Chairs, stackable
1		X	Teacher Desk and chair
30		X	Keyboard
2		X	Sound system, portable: tape recorder, CD, stereo, stereo amplifier, speaker (4), recording microphone (2), cassette recorder (high quality) & microphone stand (2) (refer to special considerations)
1		X	CD Recorder
1		X	Mobile Stereo cart
1	X		Speakers built into classrooms that can be utilized with or without recording room equipment (refer to special considerations)
4		X	Computer
2		X	Printer
2	X		Marker Board, 4' x 8', with map rails and flag holder.
2	X		Marker board, 8' x 4', with staff
1	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, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

C. Ensemble Rooms & Practice Rooms

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Piano, upright, one for each room

D. Material Storage

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

E. Recording Studio

Consult with SDPBC Program Management for more details on the FF&E Equipment List

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. Provide optimum acoustics for rehearsal and teaching areas. Some considerations are as follows:

1. Two main acoustical factors: optimum acoustical environment and optimum hearing conditions by director and every student.
2. Acoustical environment: the maximum background noise level is 25 decibels with the optimum somewhat lower.
3. Reverberation time to allow for the separation of successive sounds is a critical problem in designing rehearsal facilities. The optimum reverberation time for a large rehearsal room is 1.1 seconds. If the time falls below .8 seconds for the band area, or 1.0 seconds for choral area, the room becomes too dead for effective use. If the time is much greater than 1.1 seconds for band, or 1.2 seconds for chorus, then boom, echo, and over-loudness will result, causing severe distortion of sound and producing an impossible rehearsal situation. It shall be noted that the reverberation times for band and choral rehearsal rooms are different and shall not be planned in the same way.
4. Proper distribution of sound depends upon the uniform diffusion of all

sounds throughout the room.

5. Frequency levels throughout the full spectrum of audible sound must be allowed to be diffused equally. A proper balancing of materials is essential to eliminate the distortion caused by lack of attention to this detail.
 6. Expert advice shall be sought in designing a Music room.
 7. Soft wall-finish materials shall be limited to locations higher than students can bump into or reach, i.e., a minimum of 6' above floor.
- C. Floor** – As required to meet District Standards. Vocal room shall be flat and unobstructed.
- D. Walls** - As required to meet District Standards. All walls acoustically treated to prevent sound transfer to adjacent spaces used for instruction. Walls shall be constructed to roof deck. Walls and ceilings shall be acoustically treated to provide maximum acoustical effect in each classroom, ensemble room and Music practice room. Provide mirror on one wall in each practice room.
- E. Ceiling** - As required to meet District Standards. Acoustically treated for best musical sound in each classroom, ensemble room and Music practice room. The vocal room ceiling shall be 20'.
- F. Lighting** - As required to meet District Standards.
- G. Windows** – As required to meet District Standards. No outside windows. No window in or near entrance doors. Provide view windows into classrooms and practice area. Observation windows from material storage to classroom areas. Windows in instructional area shall be acoustically treated to reduce sound transmission.
- H. Doors** – As required to meet District Standards. Doors must be secure against break-in to protect equipment. Doors and walls in instructional area shall be acoustically treated to reduce sound transmission. The double door with removable mullions from the rehearsal area to the outside shall be designed so that large instruments can be moved and groups of students can enter and exit quickly.
- I. Water/Plumbing Fixtures** - As required to meet District Standards.
- J. Communications** - As required to meet District Standards.
- K. Electrical** - As required to meet District Standards. Provide master switch for the instrumental and choral areas inside and near the entrance. Each side wall and back wall shall have a minimum of three outlets. The front wall shall have at least four placed at convenient intervals. In addition, outlets shall be provided as follows: one at the director's podium location and six at equal intervals. Microphone plug-ins shall be provided in the front of the room -- one at director's podium, plus one on each side at front, 10' apart. In addition, (2)

microphone jacks shall be placed in the ceiling so microphones could hang; they shall be placed in front of the room about 10' from the front wall and spaced about 12' - 15' apart. The contractor shall provide surround system wiring, speakers, base, subwoofer, etc. for laboratory. The District shall provide the musical equipment, stereo, recorder, CD player, 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. Because of the heavy use of music facilities at night, and also because of the need to transport students and equipment by bus and truck, the following shall be considered:
 - 1. Provide access to street.
 - 2. Convenient, well-lighted access for a large bus.
 - 3. Convenient, well-lighted service access to the loading doors.
- Q. **Parking** - As required to meet District Standards.
- R. **Built-ins**
 - 1. **Classrooms – (Vocal & Keyboard)**
 - a. Provide cubbies, 18" x 18" (60) for student textbook storage near entrance doors.
 - 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.
 - 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
 - 2. **Material Storage**
 - a. Provide base cabinet, lockable, approximately, 8', with sink and counter. Provide lockable, wall-hung cabinets above counter.
 - b. Provide shelving, maximum amount, full height, 10'w.
 - 3. **Robe Storage** – Provide single- tiered rods with shelves above rods on

all walls.

4. **Practice Room** – Provide a full-length mirror.
5. **School Display/Exhibition** - Provide recessed display cabinet (6'W x 4'H) in hallway near music suite. Display cabinet should be 2' above finished floor.

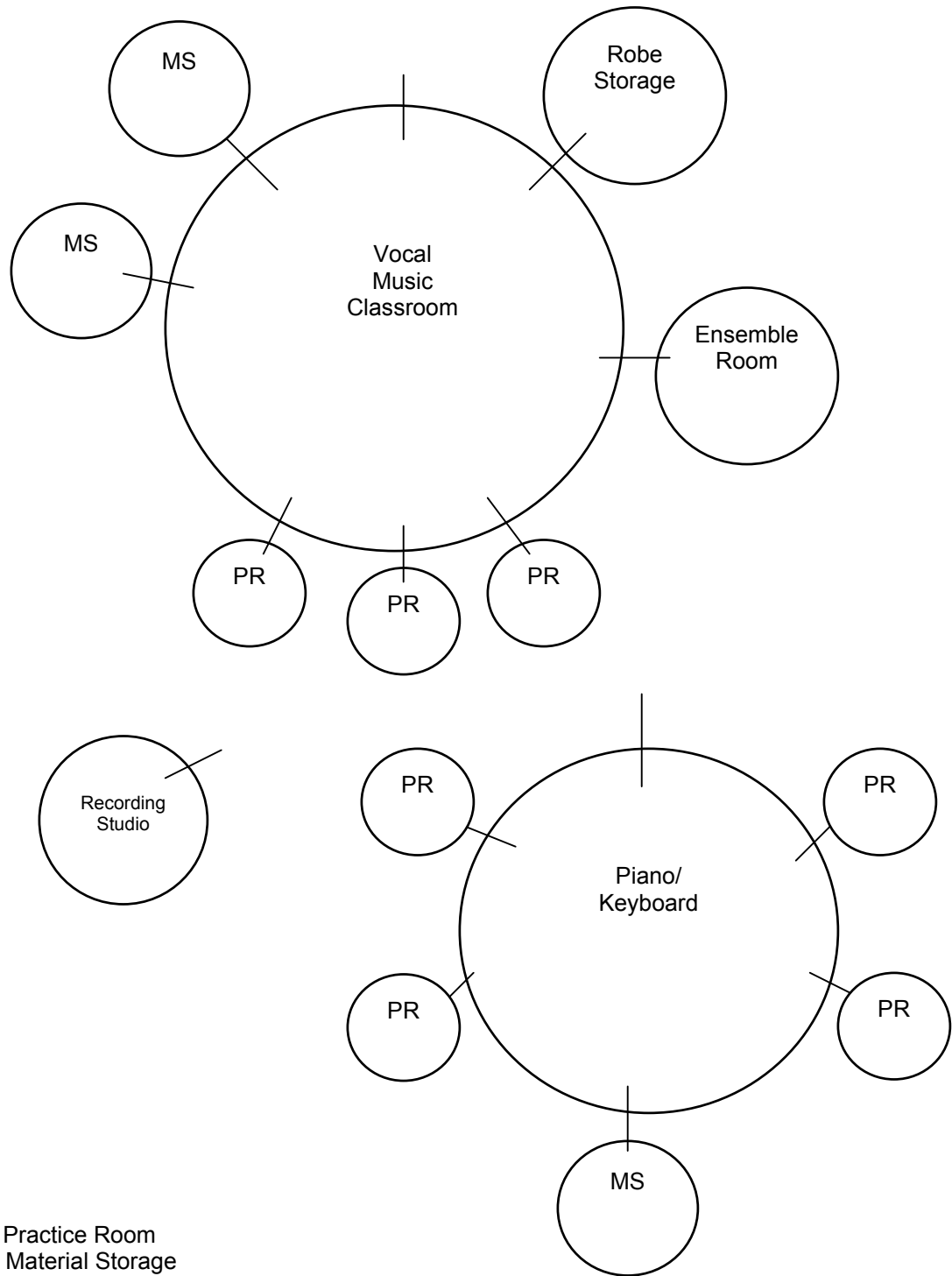
S. Other Considerations

1. Music building shall be connected to the other buildings of the campus by well-lighted covered walkways.
2. Campus planning shall minimize sound transmission from other areas into music areas.
3. Building to be designed so that transmission of sound is contained within the separate sections of the music department so as not to interfere with other music activities.
4. Restrooms to be accessible to all students.
5. Hearing Conditions
 - a. Reverberation time to allow for the separation of successive sounds is a critical problem in designing rehearsal facilities. The optimum reverberation time for a large rehearsal room is 1.1 seconds. If the time falls below .8 seconds for the band area, or 1.0 seconds for the choral area, the room becomes too dead for effective use. If the time is much greater than 1.1 seconds for band or 1.2 seconds for chorus, the boom, echo, and over-loudness will result, causing severe distortion of sound and producing a difficult rehearsal situation. It shall be noted that the reverberation time for band and choral rehearsal rooms are different and shall not be planned in the same way.
 - b. Proper distribution of sound depends upon the uniform diffusion of all sounds throughout the room.
 - c. Frequency levels, throughout the full spectrum of audible sounds, must be allowed to be diffused equally. A proper balancing of materials is essential to eliminate the obvious distortion caused by lack of attention to this detail.
 - d. Expert advice shall be sought in designing a music room.
 - e. Soft wall finish materials shall be limited to locations higher than students can bump into or reach, i.e., a minimum of six feet above the floor.

- f. Classrooms shall be in close proximity to their related areas.

SPATIAL RELATIONSHIPS

Music



PR = Practice Room
MS = Material Storage

Not all spaces are shown

THEATER ARTS

I. PROGRAM PHILOSOPHY

Students will perceive and respond to aesthetic qualities found in Art, value Art experiences as an important realm of human activity, be actively involved in art production and know about the Arts and their relationships to the environment and our cultural heritage. Students will make and justify judgments about the aesthetic qualities and merits of Art objects and artistic production.

II. PROGRAM GOALS

Theater Arts spaces are to provide facilities in support of instructional programs.

New trends in teaching methods and new awareness of the school as a community center make Theater Arts essential teaching and community activities spaces for the middle school.

III. PROGRAM ACTIVITIES

The Theater Arts areas will provide the following:

- A. Stage Productions
- B. Workshop Productions

IV. ORGANIZATIONAL NOMENCLATURE

Teacher/Student Ratio Varies
Grade Levels for Which Program is Intended 9-12

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. The project architect is encouraged to study stage design alternatives that permit use of stage area. In addition, special lighting and sound equipment shall be considered.

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. Per Unit	Stu. Sta. Total
THEATER ARTS						
1	Drama Studio		800	800	25	25
1	Material Storage		155	155		
1	Project Storage		150	150		
	Subtotal			1,105		
1	Costume Shop		1,680	1,680	20	20
1	Laundry		100	100		
1	Material Storage		155	155		
1	Project Storage		150	150		
1	Costume Storage		400	400		
	Subtotal			2,485		
	Black Box Theater					
1	Black Box Theater Seating (150 seats)			1,050		
1	Black Box Theater Stage			1,440		
1	Control Booth			100		
1	Green Room			200		
1	Box Office			30		
1	Concession Stand			200		
2	Dressing Rooms (M & F)		326	652		
	Subtotal			3,672		
1	Technical Construction Shop (Scenery Workshop)		1,140	1,140		
1	Scenery Storage		310	310		
1	Tool Storage			195		
1	Flammable Storage			155		
	Subtotal			1,800		
	TOTAL			9,062		45

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Black Box Theater -

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Portable Marker Board
	X		Stage
150		X	Chairs
	X		Stage curtains with tormentors, teasers, laced-down cyclorama and scrim. Grand Torm Curtain for pro- arch adjustable for height
	X		Grid (underhung)
	X		Weight and counterweight system and/or motorized winch with speed control
	X		Lighting battens
	X		Front projection system
	X		AV screen / multimedia device
	X		Intercom stations
1		X	Lectern, port-a-sound

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Lectern with microphone and input to main sound system
			Built-ins (refer to special considerations)

B. Dressing Room (each)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
6		X	Chairs, stable
1	X		Single sink with (HW/CW).
1		X	Full length mirror
1	X		Tack board, 3' x 4',
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
2	X		Wardrobe cabinet, lockable
	X		Built-ins (refer to special considerations)

C. Control Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Sound board for theater with wireless microphones & system
1	X		Computerized dimmer lighting board for theater
1	X		Projection areas on stage, in house, in booth
1		X	Stool
1		X	Projector with remote control for booth (that has a remote control at stage also)
1		X	File cabinets, four-drawer
1	X		Base Ban in/on stage floor that can be used for video cameras that are being monitored by the person(s) in recording room. Need monitor capability in the control room in back area of theater
	X		Hanging microphones, on stage front plus outlets in stage area for standing microphones
1	X		Clock, battery
	X		Built-ins (refer to special considerations)

D. Green Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Sofa, three seats
1		X	Coffee table
1		X	Lounge chairs, executive type
1	X		Mirror, full length
1		X	End table
1		X	Lamp
1	X		Clock, battery

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		TV/Multimedia cabinet (refer to General Considerations)
1	X		Wardrobe Cabinet, lockable
	X		Built-ins (refer to special considerations)

E. Box Office

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Stools, padded
1	X		Clock, battery
	X		Built-ins (refer to special considerations)

F. Drama Classroom

No. of Items	Contractor Provided	District Provided (FF&E)	Description
25		X	Student combo desk
1		X	Teacher desk and chair
1		X	Teacher Computer & Printer
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)

G. Costume Shop

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Teacher desk and chair
1		X	Lectern
1		X	Stool, 30"
12		X	Table, 40" to 50" length x 36" wide
24		X	Chair
2			Cutting table rectangular, 45" x 54", with space for four tote drawer table
24		X	Sewing machine, domestic
10		X	Sewing machine, overlock

No. of Items	Contractor Provided	District Provided (FF&E)	Description
24		X	Sewing machine, designing and digitizer
1		X	Steam press, portable
1		X	Vacuum, upright
1	X		Mirror, wall, 60" x 72"
10		X	Irons
1	X		Track and curtain for fitting room area
1	X		Mirror, wall, 60" x 72" for fitting room
2	X		Cabinet to hang garments, lockable
2		X	File cabinet, two-drawer, legal, locking
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer, laser & color
2	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
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
1	X		First Aid Kit, wall mounted
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
	X		Built-ins (refer to special considerations)

H. Technical Construction Workshop (Scenery Shop)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Radial arm saw
1		X	Band saw
1		X	Table saw
1		X	Drill Press
1		X	Shop work table
1	X		Tool cabinet, lockable
1	X		Flammable storage cabinet, lockable
20	X		Student lockers, lockable
1	X		Eye wash station
1	X		First aid kit, wall mounted
1	X		Double stainless steel sink
1	X		Clock, battery
1	X		TV/Multimedia cabinet (refer to General Considerations)
1	X		Marker Board, 4' x 16', with map rails & flag holder
2	X		Tack Board, 4' x 4'
1	X		6'x 8' video format screen with black masking borders
	X		Built-ins (refer to special considerations)

I. Concession

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Refrigerator
1	X		Ice Maker
1		X	Microwave
1	X		Sink
1	X		Clock, battery
	X		Built-ins (refer to special considerations)

J. Laundry Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Washer, heavy duty
1	X		Dryer, heavy duty
1	X		Laundry Tub
1	X		Stove
1		X	Vacuum Cleaner
1		X	Step stool with safety treads 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 CONTROL.**

A. Heating/Cooling/Ventilation – As required to meet District Standards. Typically, the HVAC systems will include the following:

1. **Seating area:** Provide HVAC system with separate temperature control zones.
2. **Stage and associated areas:** Provide HVAC system with separate temperature control zones for stage/wings, dressing rooms and workshop.
3. **Workshop:** Provide vent for flammable materials storage cabinet. Consideration shall be given to ventilation and life/safety needs (dust collectors, etc.) in the technical/construction workshop area

B. Acoustical – As required to meet District Standards.

C. Floor – As required to meet District Standards

1. Black Box Theater (Thrust Stage)

- a. "Sprung" stage floor, painted black.
- b. Fixed seating area tiered, 14" riser, each level
- c. Aisles, rubberized flooring
- d. Provide adequate space for wings for the black box theater stage.

D. Walls – As required to meet District Standards. Black Box Theater walls to be painted black. In Black Box Theater, proscenium walls located left and right of stage.

E. Ceiling – As required to meet District Standards. Provide pipe gridirons and curtains, including drops and panels. Designed by acoustical engineer. Catwalk(s) to be located over seating area for theater light instrumentation in an Eisenhower Grid System. Ceiling above stage to be 2 to 2-1/2 times height of proscenium to facilitate weight/counterweight system. 16'-20' ceiling height in Scenery Shop. Track Curtain in Acting Studios. Stage curtains in Black Box Theater.

F. Lighting – As required to meet District Standards.

Black Box Theater:

1. Ceiling lights in seating area attached to dimmer system.
2. Track lighting in art gallery/lobby area.
3. Spotlights (2)
4. Auditorium, backstage and projection room - adequate lighting is necessary for each section of the auditorium. Each section shall contain adjustable spotlights, banks of fluorescent overhead down-lamps, overhead fixed-surface lighting lamps, aisle down-lamps, etc., all on separate circuits and controlled from projection room.
5. Provide standard theater stage lights, remotely operated. An overhead grid system with catwalk(s) shall house the specially designed stage lighting system. A proven stage lighting engineer and working stage electricians must be consulted. Overall, three complete separate lighting systems are needed. Controls for these systems shall be located in the projection room. Each shall have separate circuitry and dimmer panels:
 - a. Stage lighting
 - b. Incandescent general lighting in seating area
 - c. Fluorescent general lighting in seating area and on stage
6. Dressing rooms need special makeup lights on wall mirrors, length of wall. Multiple, small high wattage lights.
7. Projection room lighting on rheostats.
8. Green room - diffused overhead lighting.
9. Overhead pipe grid and stage lighting fixtures in Acting Studio.
10. Dimmer System to be housed in an acoustical controlled room.
11. Tracking lighting Acting Studios.

G. Windows – As required to meet District Standards. Slotted window on ticket

booth.

- H. Doors** – As required to meet District Standards. A double door, 10'H, without center post, shall be provided for stage access from the exterior. Overhead door at rear entrance to Scenery Shop workshop. Double doors leading to seating area from lobby. One, 10' double door in scenery shop to facilitate delivery of materials and sharing of equipment. One, 10' double door between the storage rooms and the scenery shop. Double doors at Costume Storage.
- I. Water/Plumbing Fixtures** – As required to meet District Standards. Sinks and toilet facilities in both dressing rooms. Scrub sink in property storage. Drinking fountains on both sides of stage, outside of dressing rooms and lobby area.
- J. Communications** – As required to meet District Standards.
1. All items as stated in equipment needed for video projection room (VIII).
 2. Four microphone inputs in front stage; four microphone inputs on stage.
 3. Stage monitor speakers.
 4. Dressing room/recording, green room, monitor speakers.
 5. Appropriate communication, wireless system for hearing impaired.
 6. Telephone jack in ticket booth.
 7. Wired for ITV, with closed-circuit capability for stage and seating area.
 8. Computer capability, in house. Intercom, audio/visual ability easily accessible throughout.
 9. Provide intercom to: ticket booth, stage R and L, dressing rooms, technical construction workshop, remote control units, catwalks, projection room, green room, control room.
- K. Electrical** - As required to meet District Standards.
1. Electrical wiring designed by professional theater lighting consultant for stage lighting in auditorium, on stage and in video projection studio.
 2. Wiring for technical construction workshop designed by industrial arts design consultant.
- L. Gas and Air** – As required to meet District Standards. Provide compressed air in the scenery shop.
- M. Safety** – As required to meet District Standards.
- N. Fencing** - As required to meet District Standards.
- O. Service Drives** - As required to meet District Standards. Overhead door of backstage in scenery shop workshop shall open to a ramp for deliveries and transportation of props, scenery and AV equipment.

P. Parking – As required to meet District Standards. Easy access to parking area.

Q. Built-ins

1. **Box Office** - Counter top with drawers for use with ticket sales.
2. **Video Projection Room (Control Booth)**
 - a. Provide counter under vision windows with shelving and large drawer space.
 - b. Provide secured equipment storage cabinet.
 - c. Provide counter and shelves for editing systems.
 - d. Provide wall-mounted monitor shelves.
3. **Dressing Rooms** - Vanity counter with drawers and cabinets;
4. **Scenery Shop Workshop** - Provide lumber storage area and flat storage area. Provide counter with drawers around sink area. Provide regular storage cabinets.
5. **Concession** - Provide two rows of shelving under counter; adjustable shelves with a 2" lip. Provide three rows of adjustable shelving on opposite wall from counter.
6. **Costume Shop**
 - (1) Provide lockable base cabinet with adjustable shelves, approximately, 24"D x 34"H x 12"L, with double sink.
 - (2) Provide teacher demonstration island, located where all students can see; no wall. 6'L x 24"D x 34"H, double outlet, one on each end and one in center of demonstration side, with overhead mirror, cork on reverse side of unit.
 - (3) Provide Computer/Sewing Tech Workstations, keyboard mouse slide tray, under counter door locked storage unit, attached spring-loaded pop-up sewing machine storage with grommets for electrical outlets in the counter top and upper lockable adjustable shelving cabinets to house microscopes, books, etc.
 - (4) Provide Cubbyhole (25), 15"H x 12"W x 15"D to hold students' books and book bags.
 - (5) Provide three (3) built-in ironing board cabinets.
 - (6) Provide built-in bookcase, 5'L x 15"D x 40"H with adjustable shelves.

- (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

ALL THE CABINETS LISTED BELOW PLACED IN THE STORAGE ROOMS (LEAVE CLASSROOM WALL SPACE FOR COMPUTER MODULAR STATIONS).

- (8) Provide wall cabinet, approximately, 12"D x 34"H x 12"L, with one adjustable shelf in each unit.
- (9) Provide tote drawer cabinet with 200 drawers - lockable.
- (10) Provide pattern book reference and storage area, approximately, 4'W x 2'L x 67"H.
- (11) Provide lockable cabinet for garment storage with clothes bar, approximately, 36"W.
- (12) Provide textile storage cabinet with shelves and drawers: approximately, 12"H x 36"W x 30"D.

7. Drama Classroom

- a. Provide base cabinet with lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
- b. Provide built-in bookcase, 5'L x 15"D x 40"H with 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

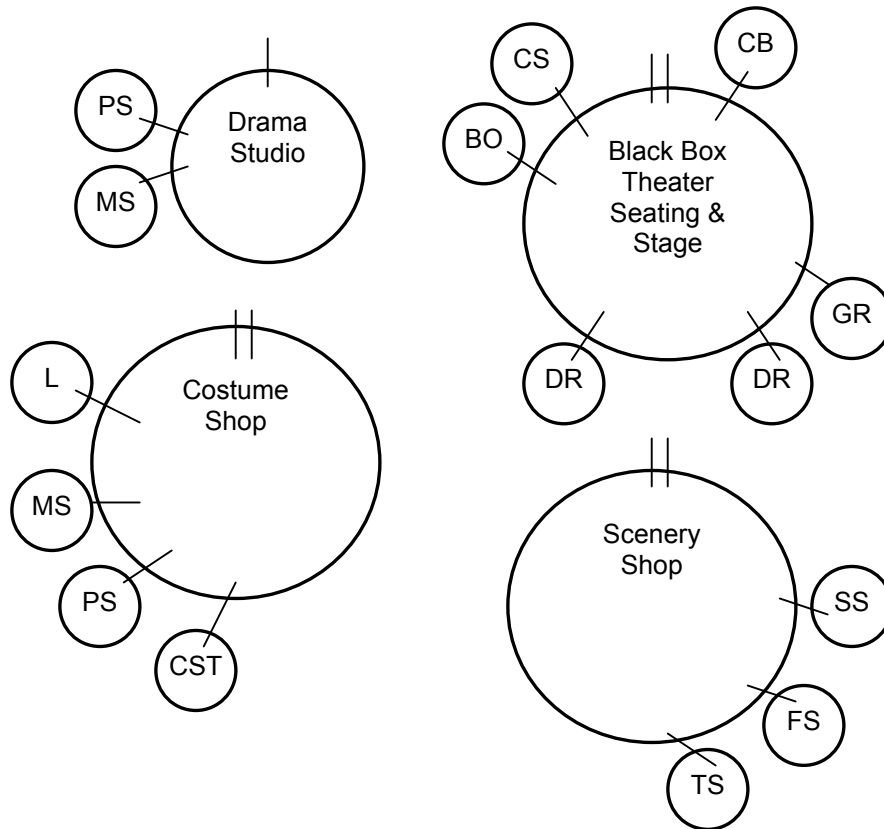
R. Other Considerations

1. Microphone outlets throughout theater - also "fly" microphones in mid- stage.

2. Audio/Visual Equipment shall be as stated throughout above plan, state-of-the-art, designated by appropriate consultants.
3. Noise control between scenery shop and other instructional areas.
4. Visual availability and supervision should be considered in planning all areas of the instructional areas for the purpose of providing the instructor visual contact with students at all times and in all areas.
5. In the scenery shop, the air compressor system shall be located outside and away from instructional areas.
6. The scenery shop must be located on the first floor and be located with an exterior wall. This lab *shall* require a dust collection system for part of the lab. This *shall* be located immediately outside of the lab.
7. A stove in the laundry room of the Costume shop for fabric dyeing.

SPATIAL RELATIONSHIPS

THEATER ARTS



MS = Material Storage
 PS = Project Storage
 SS = Scenery Storage
 TS = Tool Storage
 FS = Flammable Storage
 CST = Costume Storage
 L = Laundry
 DR = Dressing Room
 GR = Green Room
 CB = Control Booth
 BO = Box Office
 CS = Concession Stand

FACILITY SPACE SUMMARY

**Academy Programs Modifications
Grades: 9-12
Academy Student Stations: 129**

Facility Area	Proposed	
	Student Stations	Square Footage
Dance	0	3,962
Music	84	6,682
Theatre Arts	45	9,062
Staff Restrooms		52
Student Restroom		194
Custodial		142
Teacher Planning		400
Total	129	20,438
Mechanical @ 6%		1,226
Total Net Sq. Ft.		21,664
Circulation, Walls etc. @ 34%		7,366
Total Gross Sq. Ft.		29,030

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