# EDUCATIONAL SPECIFICATION
# WELLLINGTON HIGH SCHOOL

**Academy Programs Modification**
**Grades 9 – 12**
**Total Student Stations: 325**



**July 2006**

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

1. Facilities shall be as functional as possible; that is, they shall be organized in a manner responsive to educational programming requirements in an orderly economical way.

2 Facilities shall be as responsive as possible to long-term maintenance goals. The architect shall endeavor to produce a product with the lowest possible life cycle cost.

3. Facilities shall be as vandal-resistant as is possible within realistic budget constraints.

4. Facilities shall be as aesthetically pleasing as possible, considering neighborhood, shape, materials, colors, etc.

5. Facilities shall be designed to provide adequate student movement (circulation) without unnecessary waste.

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

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

# PHILOSOPHY AND GOALS

## I. PROGRAM PHILOSOPHY

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

8. **Inclusive Education -** All students shall be provided with the following:

   a. Appropriate educational services in the least restrictive environment which will enable them to have full equality of opportunity.

   b. Opportunities to interact academically and socially with students with various abilities and disabilities.

   c. Opportunities to celebrate their differences and unique talents, and.

   d. Access to facilities designed to accommodate their exceptionalities.

## B. Management Goals

**1. General Management -** The 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 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 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
## Wellington High School
## Grades 9 - 12
## Total Student Stations: 325

| Design Code | Space | Description | SREF Sq. Ft. Total | Proposed Sq. Ft. Per Unit | Proposed Sq. Ft. Total | Proposed Stu. Sta. Unit | Proposed Stu. Stat. Total. |
|---|---|---|---|---|---|---|---|
| **Equine Academy/Pre-Veterinary Program** | | | | | | | |
| | | | | | | | |
| 023 | 12 | Science Demonstration/Classroom | | 1,300 | 15,600 | 25 | 300 |
| 808 | 12 | Material Storage | | 150 | 1,800 | | |
| | | **Subtotal** | | | **17,400** | | |
| 012 | 1 | Computer Laboratory (Distance Learning) | | | 1,200 | 25 | 25 |
| 808 | 1 | Material Storage | | 45 | 45 | | |
| | | **Subtotal** | | | **1,245** | | |
| 810 | 2 | Chemical Storage | | 400 | 800 | | |
| | | **TOTAL** | | | **19,445** | | **325** |
| | | | | | | | |
| **CUSTODIAL** | | | | | | | |
| 330/331 | | Custodial Closets, Storage | 238 | | 238 | | |
| | | | | | | | |
| **RESTROOMS** (adjust square footage for FACBC and parity requirements) | | | | | | | |
| 815/816 | | Student Restrooms | | | 488 | | |
| 819/820 | | Staff Restrooms | | | 130 | | |
| | | | | | | | |
| **TEACHER PLANNING** | | | | | | | |
| 315 | 1 | Teacher Planning | | 1,068 | 1,068 | | |
| | | | | | | | |

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

## GENERAL CONSIDERATIONS

Use the following documents, as a minimum, in facility design, the latest edition of the Florida Building Code (FBC) with latest revisions, the Florida Fire Prevention Code (FFPC), the SDPBC 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 and window treatment 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** - 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 he 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, the contractor shall provide eight lineal feet of tackboard in the corridor outside each classroom, resource room, music room, art room, career education classrooms, media center and administration. 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, auditorium 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 and the principal's restroom may be equipped with a shower.

**BA.** Contractor to provide and install flag pole holders with proper backing in all necessary areas. Contractor to provide and installed AV screens and brackets with proper backing in all necessary areas. Provide proper backing for all mounted equipment where necessary.

**BB**. Each school center shall a lightning detection device system.

**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.

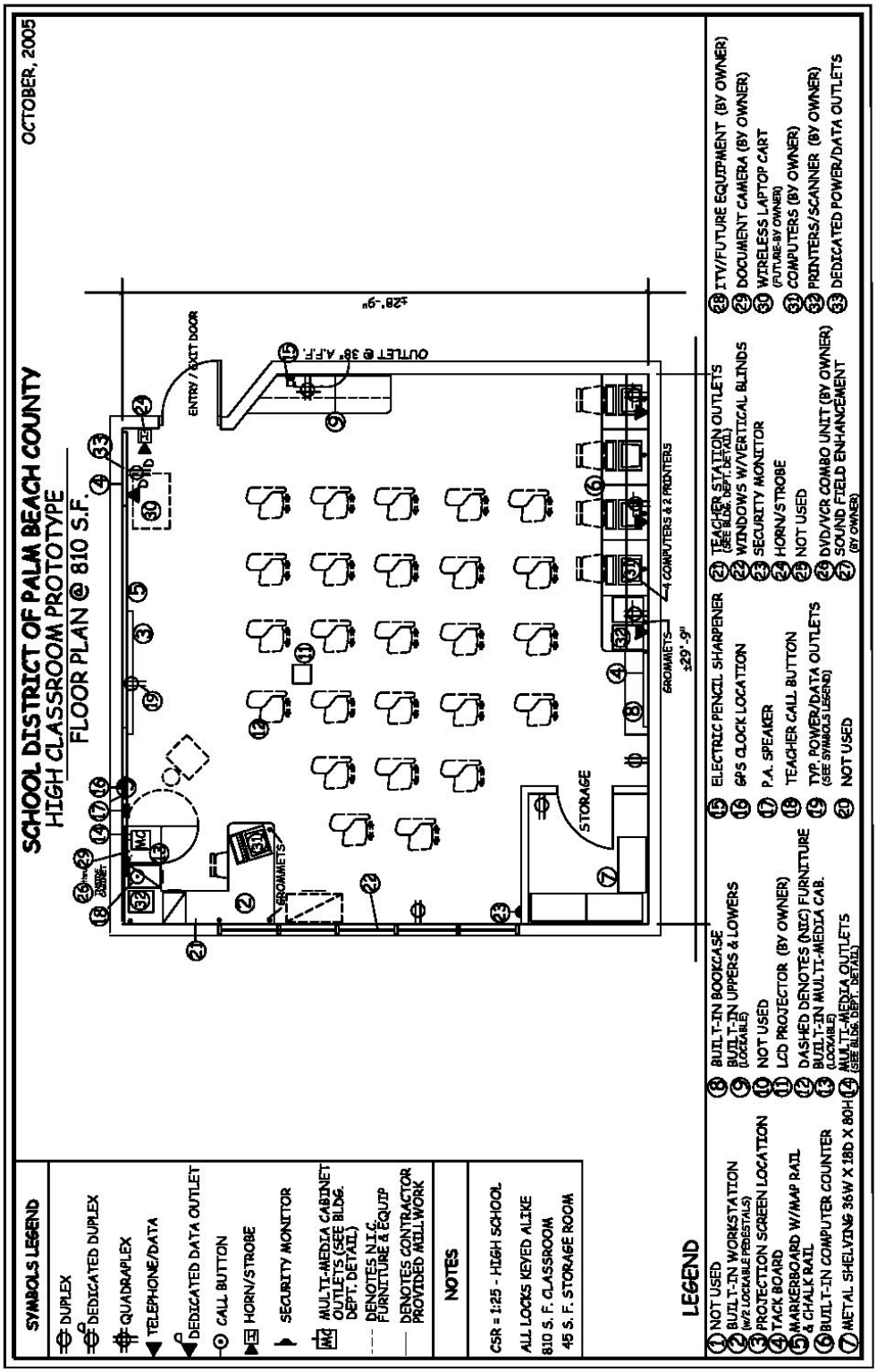
**BF.** Contractor to provide a 30' high flagpole with two complete rope systems. The flagpole shall be located near the main office/administration.

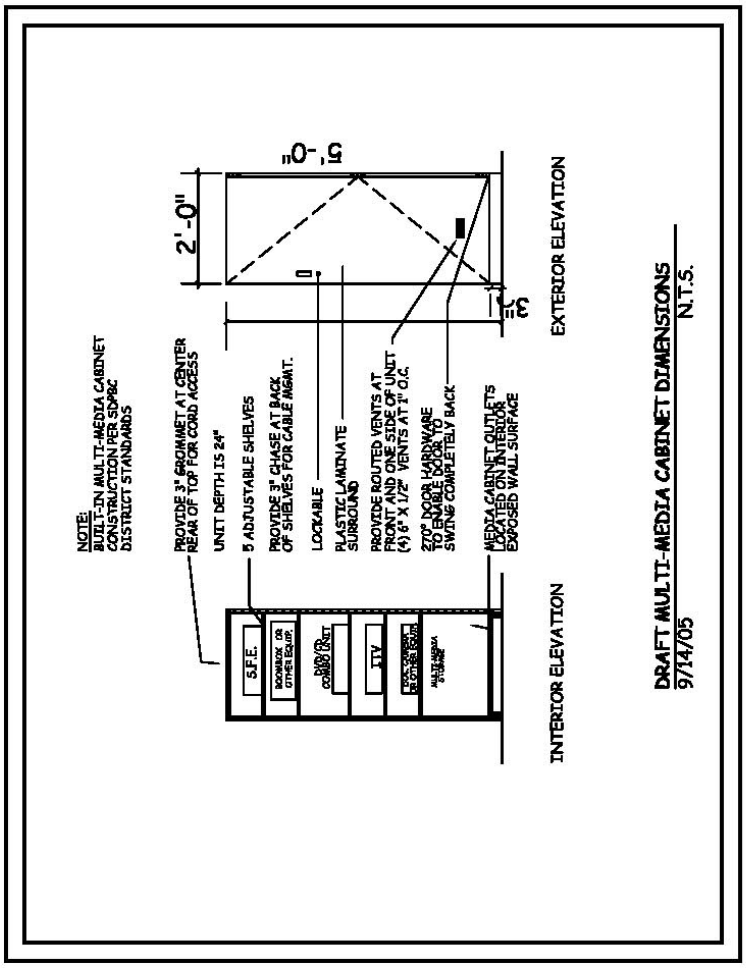
**BG.** Refer to the DDC – electrical and DMS with regards to conduit and junction box for sound field enhancement system and LCD projector.

**BH.** Classrooms, instructional areas and other designated areas shall be equipped with built-in Multimedia Cabinets, provided by the contractor, to house ITV equipment, DVD/VCR, Sound Field Enhancement, Document Camera and other multimedia equipment. The Multimedia Cabinet shall be 24"w x 24"d x 60"h with a 270° hinged lockable door; open back for access to outlets located on the wall; five (5) adjustable shelves with 3" chase for wire/cord wire management; routed vents at front and one side of unit 4 – 6"x1/2" vents at 1" O.C. and 3" grommet on top of unit in center of cabinet. (Refer to prototype classroom and prototype Multimedia Cabinet drawings)

**BI.** Classrooms, instructional areas and other designated areas shall be equipped with built-in workstation, provided by the contractor. The workstation shall include a U shape work area with three (3) grommets and two (2) lockable pedestals (box/box/ file and file/file). (Refer to prototype classroom drawing)

**BJ.** Each school shall have an Automated External Defibrillator which will be provided by the owner. The location and signage will be determined by the SDPBC Risk Management Department.


SCHOOL DISTRICT OF PALM BEACH COUNTY
HIGH CLASSROOM PROTOTYPE
FLOOR PLAN @ 810 S.F.
OCTOBER, 2005
SYMBOLS LEGEND
DUPLEX
DEDICATED DUPLEX
QUADRAPLEX
TELEPHONE/DATA
DEDICATED DATA OUTLET
CALL BUTTON
HORN/STROBE
SECURITY MONITOR
MULTI-MEDIA CABINET OUTLETS (SEE BLDG. DEPT. DETAIL)
DENOTES N.I.C. FURNITURE & EQUIP
DENOTES CONTRACTOR PROVIDED MILLWORK
NOTES
CSR = 1:25 - HIGH SCHOOL
ALL LOCKS KEYED ALIKE
810 S. F. CLASSROOM
45 S. F. STORAGE ROOM
LEGEND
1 NOT USED
2 BUILT-IN WORKSTATION (W/2 LOCKABLE PEDESTALS)
3 PROTECTION SCREEN LOCATION
4 TACK BOARD
5 MARKERBOARD W/MAP RAIL & CHALK RAIL
6 BUILT-IN COMPUTER COUNTER
7 METAL SHELVING 36W X 18D X 80H
8 BUILT-IN BOOKCASE
9 BUILT-IN UPPERS & LOWERS (LOCKABLE)
10 NOT USED
11 LCD PROJECTOR (BY OWNER)
12 DASHED DENOTES (NIC) FURNITURE
13 BUILT-IN MULTI-MEDIA CAB. (LOCKABLE)
14 MULTI-MEDIA OUTLETS (SEE BLDG. DEPT. DETAIL)
15 ELECTRIC PENCIL SHARPENER
16 GPS CLOCK LOCATION
17 P.A. SPEAKER
18 TEACHER CALL BUTTON
19 TYP. POWER/DATA OUTLETS (SEE SYMBOLS LEGEND)
20 NOT USED
21 TEACHER STATION OUTLETS (SEE BLDG. DEPT. DETAIL)
22 WINDOWS W/VERTICAL BLINDS
23 SECURITY MONITOR
24 HORN/STROBE
25 NOT USED
26 DVD/VCR COMBO UNIT (BY OWNER)
27 SOUND FIELD ENHANCEMENT (BY OWNER)
28 ITV/FUTURE EQUIPMENT (BY OWNER)
29 DOCUMENT CAMERA (BY OWNER)
30 WIRELESS LAPTOP CART (FUTURE-BY OWNER)
31 COMPUTERS (BY OWNER)
32 PRINTERS/SCANNER (BY OWNER)
33 DEDICATED POWER/DATA OUTLETS
ENTRY / EXIT DOOR
OUTLET @ 38" A.F.F.
±28'-9"
±29'-9"
4 COMPUTERS & 2 PRINTERS
GROMMETS
STORAGE


NOTE:
BUILT-IN MULTI-MEDIA CABINET CONSTRUCTION PER SDP&C DISTRICT STANDARDS
PROVIDE 3" GROMMET AT CENTER REAR OF TOP FOR CORD ACCESS
UNIT DEPTH IS 24"
5 ADJUSTABLE SHELVES
PROVIDE 3" CHASE AT BACK OF SHELVES FOR CABLE MGMT.
LOCKABLE
PLASTIC LAMINATE SURROUND
PROVIDE ROUTED VENTS AT FRONT AND ONE SIDE OF UNIT (4) 6" X 1/2" VENTS AT 1" O.C.
270° DOOR HARDWARE TO ENABLE DOOR TO SWING COMPLETELY BACK
MEDIA CABINET OUTLETS LOCATED ON INTERIOR EXPOSED WALL SURFACE
S.F.E.
BOOKBOX OR OTHER EQUIP.
DVD/CD COMBO UNIT
TV
MULTI-MEDIA STORAGE
5'-0"
2'-0"
3"
INTERIOR ELEVATION
EXTERIOR ELEVATION
DRAFT MULTI-MEDIA CABINET DIMENSIONS
9/14/05
N.T.S.

## 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, bite 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, 20-30 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).**

# EQUINE ACADEMY/PRE-VETERINARY PROGRAM

## I. PROGRAM PHILOSOPHY

Today's society requires scientifically literate and laboratory-skilled high school graduates. Therefore, it is imperative that they participate in a dynamic science education program with considerable laboratory opportunities. Such a program will encourage student understanding of the experimental nature of science and expose students to a highly motivating, intensive and rigorous applied science education with specific expertise in veterinary science.

## II. PROGRAM GOALS

A. Maximize laboratory use and provide a laboratory-centered science experience for all students.

B. To expose students to a wide range of veterinary/equine related employment opportunities upon high school graduation.

C. Draw upon the extensive equine veterinary expertise that exists in our community.

D. Foster a strong partnership with the equestrian community and local community leaders.

E. Graduates of the Pre-Vet Academy will be highly competitive in the collegiate arena due to their exposure to state of the art facilities, technology and best practices.

F. Provide expertise for students to be among the most competitive science applicants within the full spectrum of science related educational programs at the university level.

## III. PROGRAM ACTIVITIES

### A. Teacher Activities

1. Conduct lecture/class discussion.
2. Demonstrate for single and double classes in lecture room.
3. Demonstrate on marker board and with overhead projector.
4. Plan, provide and lead laboratory activities.
5. Use ITV, films, Closed-Circuit TV, etc.
6. Teach, test and remediate individuals, small and large groups.
7. Prepare students for science fair competitions.
8. Answer individual student questions.
9. Plan individually and departmentally.

10. Team two teachers with single and double classes in teaching/lecture room.
11. Use models, charts and whiteboard
12. Conduct outdoor instructional activities for classes and individual students.

## B. Student Activities

### 1. Classroom/Laboratory

a. Perform activities in small and large groups.

b. Listen to lecture and participate in class discussions.

c. Watch audio-visual and ITV presentations

d. Participate in small group activities with display equipment, such as aquarium models and other apparatus for class projects not requiring laboratory facilities.

e. Maintain animals and plants.

f. Observe specimens under a microscope.

g. Plan, prepare, demonstrate, and exhibit science fair projects.

h. Perform activities which involve the use of gas, water, air and electricity.

i. Utilize counter space to read earth science maps, operate computers, etc.

j. Study and experiment individually.

k. Collect and identify rocks, minerals and soil.

l. Perform scientific experiments in groups of two or three. These experiments will apply, prove and/or test basic theories which have been presented in the classroom.

m. Use a variety of microscopes.

n. Utilize apparatus and equipment in performing scientific experiments requiring electricity, water, air, and gas.

o. View ITV, films, and/or videos individually and in groups.

p. Interface the computer with basic laboratory equipment.

## IV. ORGANIZATIONAL NOMENCLATURE

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

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

A. Provide for inter- and intra-departmental Closed-Circuit TV which will allow for the transmission of appropriate lectures and demonstrations to selected classrooms/laboratories.

The opportunity for centralizing signal origination shall be available. Selective switching of programming to points of signal origination shall include the classroom/laboratories.

B. Community School utilization in science-related interest areas, e.g., electricity, astronomy.

C. Science areas shall have a lockable, equipment maintenance room with hose bibb to allow cleaning and storage of wet equipment after field trips.

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

A. Chemical Storage of 400 NSF is necessary to meet the current state safety standards for the storage of chemicals and for the preparation of chemicals for laboratory use.

B. Four labs will be used as Chemistry laboratories.

## VII. PROGRAM FACILITIES LIST

| Design Code | Space | Description | SREF Sq. Ft. Total | Proposed Sq. Ft. Per Unit | Proposed Sq. Ft. Total | Proposed Stu. Sta. Unit | Proposed Stu. Stat. Total. |
|---|---|---|---|---|---|---|---|
| **Equine Academy/Pre-Veterinary Program** | | | | | | | |
| | | | | | | | |
| 023 | 12 | Science Demonstration/Classroom | | 1,300 | 15,600 | 25 | 300 |
| 808 | 12 | Material Storage | | 150 | 1,800 | | |
| | | **Subtotal** | | | **17,400** | | |
| 012 | 1 | Computer Laboratory (Distance Learning) | | | 1,200 | 25 | 25 |
| 808 | 1 | Material Storage | | 45 | 45 | | |
| | | **Subtotal** | | | **1,245** | | |
| 810 | 2 | Chemical Storage | | 400 | 800 | | |
| | | **TOTAL** | | | **19,445** | | **325** |

# II. PROGRAM FURNITURE AND EQUIPMENT

## A. Laboratory (per lab)

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| 4-6 | X | | Tables to seat 6-8 students at each table; F.A.C.B.C. and F.A.C.B.C. accessible, flat table top (acid resistant) to include gas, air, water and sink(s) with sink cover; electric on aisle side of tables away from sink, and electric & data on wall side of tables. |
| 1 | | X | Teacher chair |
| 1 | | X | Laboratory Stool, adjustable back |
| 1 | | X | Table, 30”W x 72”L |
| 32 | | X | Chair |
| 1 | | X | File cabinet, four-drawer, legal, lateral, lockable, chemical resistant top |
| 1 | X | | Examination Table with electric and data |
| 2 | | X | Laboratory cart, portable |
| 1 | X | | Fume hood, permanent, vented to outside, in each chemistry lab |
| 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 |
| 16 | | X | Microscope |
| 40 | | X | Safety goggle and spill-control pillows |
| 1 | | X | Sand bucket, 25 pounds |
| 30 | | X | Student apron |
| 1 | | X | Teacher Lab coat |
| 1 | | X | Electronic Scale |
| 1 | | X | Ultrasonic cleaner |
| 1 | | X | Microviewers |
| 1 | | X | Flex Cam |
| 25 | | X | Triple-beam balance |
| 1 | | X | Stream table, portable |
| 1 | | X | Weather station with Barograph, Thermograph, etc. |
| 4 | X | | Microwaves |
| 4 | X | | Sinks, stainless steel, large, deep |
| 8 | X | | Sinks, stainless steel (with sink covers) |
| 1 | X | | Deluge shower and eye wash |
| 1 | X | | Glassware drying rack, mounted above sink |
| 30 | | X | Computer |
| 2 | | X | Printer |
| 1 | | X | Computer and printer for teacher |
| 2 | X | | Marker board, stackable, 4' x 16', with map rail and flag holder |
| 2 | X | | Tack Board, 4’ x 4’ |
| 1 | X | | 8’w x 6’h Video Format Screen with black masking borders |
| 1 | | X | Pencil sharpener, electric |

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| | 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 | Smart Table |
| 1 | | X | Smart Board |
| 1 | X | | Multimedia cabinet (refer to General Considerations) |
| 1 | | X | DVD/VCR combo |
| 1 | | X | Document camera |
| 1 | | X | Wireless laptop cart |
| 1 | X | X | LCD Projector |
| 1 | X | X | Sound Field Enhancement |
| | X | | Built-ins (refer to special considerations) |
| 1 | X | | Teacher demonstration table (refer to special considerations) |

## B. Chemical Storage (per)

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| 1 | X | | Glassware drying rack, mounted above sink |
| 1 | | X | Trash can, 25-gal. capacity, non-metal |
| 1 | | X | File cabinet, four draw, legal, lateral, lockable |
| 1 | X | | Refrigerator with ice maker, shared within department |
| 1 | X | | Dishwasher, shared within department |
| 1 | X | | Ice Machine |
| 1 | X | | Double stainless steel sink |
| 5 | | X | Stainless steel laboratory, cart |
| 3 | X | | Fire proof steel storage cabinet (3), lockable -one cabinet each for caustics, acids and flammables |
| 1 | X | | Fixed fume hood, vented outside |
| | X | | Built-ins (refer to special considerations) |

## C. Material Storage (per)

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| 1 | X | X | Glassware drying rack, mounted above sink |
| 1 | | X | Microwave |
| 1 | | X | Trash can, 25-gal. capacity, non-metal |
| 1 | X | | Dishwasher (provided in 2 labs) |
| 1 | X | | Icemaker (provided in 2 labs) |
| 1 | X | | Double stainless steel sink |
| | X | | Built-ins (refer to special considerations) |

## D. Computer Laboratory (Distance Learning Center)

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| | X | | Counters for 30 computers set up in a tiered theater style for distance learning |
| 1 | | X | Teacher chair |
| 30 | | X | Chair |
| 1 | | X | Computer with printer for teacher |
| 1 | | X | File cabinet, four-drawer, legal, lateral, lockable, chemical resistant top |
| 30 | | X | Computer |
| 4 | | X | Printer |
| 1 | X | | Teacher storage cabinet, 36'W x 30"D x 72"H, with adjustable shelving, lockable |
| 2 | X | | Marker Board, stackable, 4' x 16', with map rail and flag holder |
| 1-2 | X | | Tack Board, 4' x 4' |
| 1 | | X | Smart Board (large) |
| 3 | X | | 6' x 8' Video Format Screen with black masking borders |
| 2 | | | Tracking Camera for distance learning system |
| 1 | | X | Electric pencil sharpener |
| 1 | X | | Clock, battery |
| 1 | X | | Table/podium for central control of cameras and other equipment for the Distance Learning system |
| 1 | X | | Multimedia cabinet (refer to General Considerations) |
| 1 | X | | Workstation (refer to general considerations) |
| 1 | | X | DVD/VCR combo |
| 1 | | X | Document camera |
| 1 | | X | Wireless laptop cart |
| 1 | X | X | LCD Projector |
| 1 | X | X | Sound Field Enhancement |
| | 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. Exhaust system should accommodate fumes from dissecting specimens.

**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 observation window between material storage and laboratories.

**H.** **Doors** - As required to meet District Standards.

**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-offs to all electrical outlets in an area shall be provided and located in a secure area near the demonstration areas in laboratories and near the exit doors of other areas, with the exception of the chemical storage room where the master shutoff will be located externally and marked. Electric shall be located on all walls for various equipment and computers.

**L.** **Instructional Technology** - As required to meet District Standards. Data shall be located on all walls for various equipment and computers.

**M.** **Gas and Air** - As required to meet District Standards. Provide two gas lines at teacher station and at student stations. For all laboratories, provide compressed air, and water at teacher station and at student stations. Gas shall only be located in chemistry labs at the teacher station and student stations. Provide master shut-off valves for gas and compressed air. Based on program furniture and equipment, provide gas and compressed air as required.

**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.** **Laboratory –**

a**.** Provide and position acid resistant counters on both side walls with lockable cabinets below and a mixture of glass-fronted and solid lockable cabinets above. Leave at least 2' of space

between counter and upper cabinets to accommodate computers and other equipment.

b. Provide bookcases, 30"H, adjustable shelves.

c. Provide microscope cabinet to house microscope (60), and stereoscopic microscope (15), lockable. Provide bookcase with locking, hinged, glass doors and adjustable shelves, approximately, 84"H x 42"W x 16"D.

d. Provide teacher demonstration table, acid resistant, 72", permanent with sink, electrical data connections, water, gas and air hook-ups with above demonstration mirror.

e. Provide Multimedia cabinet - refer to General Considerations.

2. **Material Storage –** Provide acid-resistant counter on two walls with double, deep sink (2) with residue traps, full service (gas, air, electricity, water); lockable drawers and open, adjustable shelf base cabinets. Provide wall cabinets, mixture of solid and glass-front doors, lockable, with adjustable shelves on available wall space. Provide shelving, floor-to-ceiling, adjustable shelves, 12"D, on available wall space.

3. **Chemical Storage –** Provide stone top counter, approximately, 10', with acid-resistant sink with residue traps, full service (gas, air, electricity, water); lockable drawers and open, adjustable shelf base cabinets. Provide 100 lineal feet, 14"D, chemical storage shelving, non-corrosive. Provide full-height, adjustable shelving on available wall space, with lip, non-corrosive.

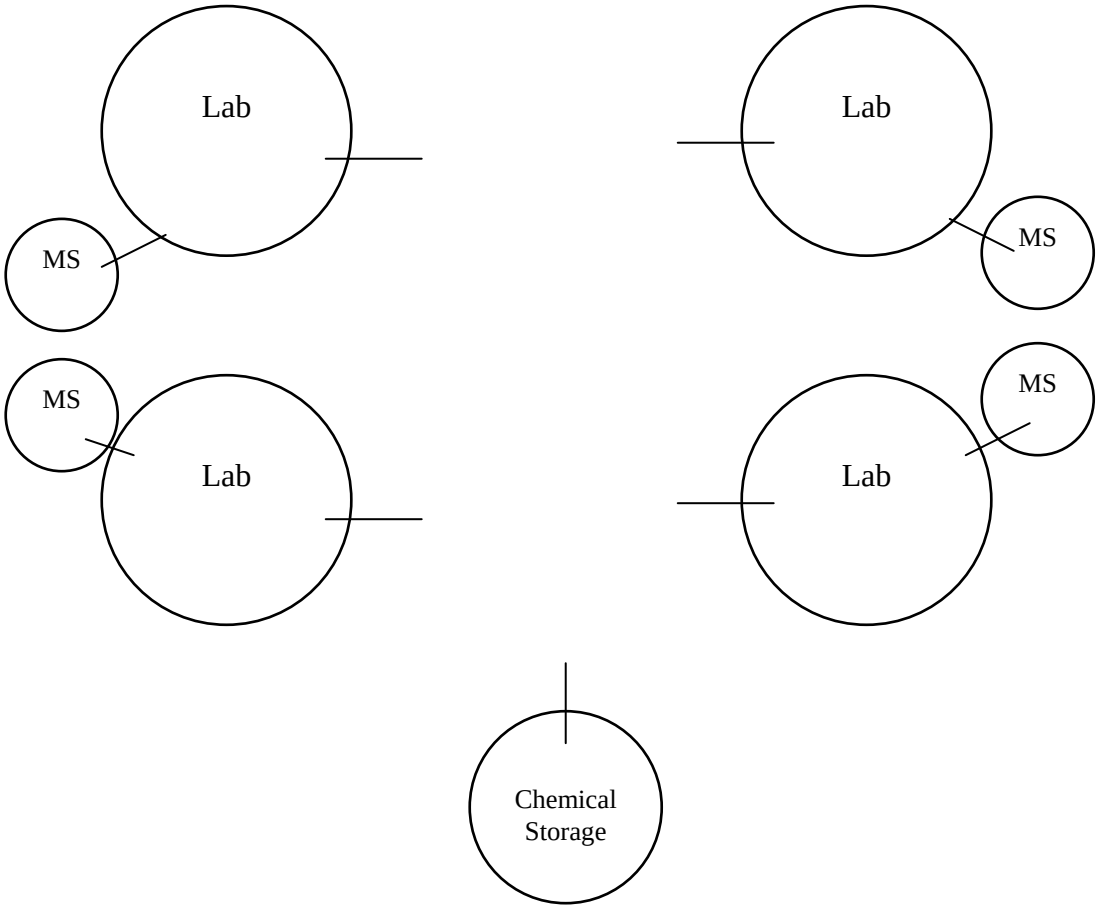
**4.** **Distance Learning Lab –** Provide theater type seating and workspace for approximately 30 computer and students. The electrical and computer/data hook ups should be located below the counters. The counters shall have grommets for wire management.

## S. Other Considerations

1. Provide grease traps, where necessary.
2. Chemical storage to have outside wall in case of explosion.
3. Student activities take place in the perimeter areas of the laboratory.
4. Laboratory shall require adequate standing height work surface.
5. A dispensing area located in the laboratory shall be necessary to issue supplies and equipment.

## SPATIAL RELATIONSHIPS

### Equine Academy/Pre-Vet Program




MS = Material Storage

Not all spaces are shown

# 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 Budget Department.

## 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

| Design Code | Space | Description | SREF Sq. Ft. Total | Proposed | | Proposed | |
|---|---|---|---|---|---|---|---|
| | | | | Sq. Ft. Per Unit | Sq. Ft. Total | Stu. Sta. Unit | Stu. Stat. Total. |
| **CUSTODIAL** | | | | | | | |
| 330/331 | | Custodial (as required by code) | | | 238 | | |

## VIII. PROGRAM FURNITURE AND EQUIPMENT

### A. Service Closet (per closet)

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

## 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.

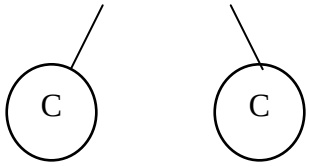
**R. Built-ins** -

1. **Service Closets** – Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling.

**S. Other Considerations**

N/A

# SPATIAL RELATIONSHIPS
## Custodial




C=Service Closets per Code

# RESTROOMS

Provide staff restroom adjacent to teacher planning for shared disciplines. Ceramic tile in toilets shall be floor to ceiling.

| Design Code | Space | Description | SREF Sq. Ft. Total | Proposed | | Proposed | |
|---|---|---|---|---|---|---|---|
| | | | | Sq. Ft. Per Unit | Sq. Ft. Total | Stu. Sta. Unit | Stu. Stat. Total. |
| **RESTROOMS** (adjust square footage for FACBC and parity requirements) | | | | | | | |
| 815/816 | | Student Restrooms | | | 488 | | |
| 819/820 | | Staff Restrooms | | | 130 | | |

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

| Design Code | Space | Description | SREF Sq. Ft. Total | Proposed | | Proposed | |
|---|---|---|---|---|---|---|---|
| | | | | Sq. Ft. Per Unit | Sq. Ft. Total | Stu. Sta. Unit | Stu. Stat. Total. |
| **TEACHER PLANNING** | | | | | | | |
| 315 | 1 | Teacher Planning | | 1,068 | 1,068 | | |

## VIII. PROGRAM FURNITURE AND EQUIPMENT

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| | | X | Vending machine(s) |
| 1 | | X | Copier |
| 10-12 | | X | Computers |
| 10 | | X | Printers |

| No. of Items | Contractor Provided | District Provided (FF&E) | Description |
|---|---|---|---|
| 1 | X | | Tack board, 4' x 6' |
| 1 | X | | Clock |
| 2-3 | | X | Activity Table |
| 10-12 | | X | Chairs |
| 1 | X | | Refrigerator |
| 1 | X | | Microwave |
| | 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.

**M.** **Gas and Air** - As required to meet District Standards.

**N.** **Safety** - As required to meet District Standards.

**O.** **Fencing** - As required to meet District Standards.

**P.** **Service Drives** - As required to meet District Standards.

**Q.** **Parking** - As required to meet District Standards.

**R.** **Built-ins** -

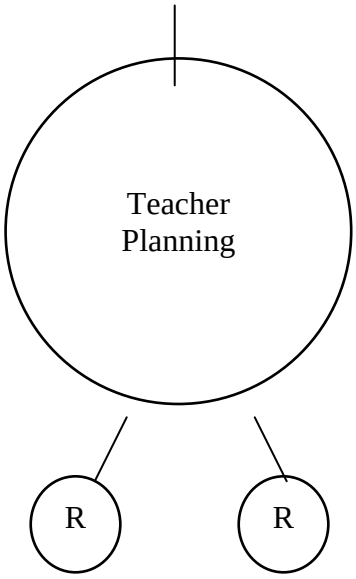
1. Provide mirror and shelf over sinks.

2. Full-length mirror in restroom.

3. Provide teacher carrels with lockable 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.

4. Provide upper and lower cabinet with sink.

## SPATIAL RELATIONSHIPS
## Teacher Planning




R=Restroom

## Facility Space Summary

Wellington High
Grades 9-12
Student Stations: 325

| Facility Area | Proposed Student Stations | Net Assign Square Feet (NASF) |
|---|---|---|
| Equine Academy/Pre-Vet Program | 325 | 19,445 |
| Custodial | | 238 |
| Student Restrooms | | 488 |
| Staff Restrooms | | 130 |
| Teacher Planning | | 1,068 |
| | | |
| **Totals** | **325** | **21,368** |
| Mechanical @ 6% | | 1,282 |
| **Total Net Sq. Ft.** | | **22,650** |
| Circulation, Walls etc. @ 34% | | 7,701 |
| **Total Gross Sq. Ft.** | | **30,351** |

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