

Educational Specifications

draft

Prototype Middle School

November 2009

BOARD WORK SESSION VERSION

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Mrs. Shirley Brown, Vice-Chair
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Dr. Carol Todd
Mr. Frank H. Kovach



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EDUCATIONAL SPECIFICATIONS

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INTRODUCTION

The Educational Specifications are intended to be used as a planning tool by architects and other professionals responsible for the development of the facility. The Educational Specifications provide general and adequate details for proposed spaces while leaving ample flexibility in design by the architect. Specific details are contained in standards that are updated, as needed, by Construction, Technology, Safety & Security, and other departments. Contact Materials Management for furniture, fixtures, and equipment lists; FF&E items appear in these Ed Specs only when the design must ensure that adequate space is provided for the item.

The Educational Specifications have been developed after numerous meetings with District Staff and school-based teachers and administrators, and after tours of new middle schools in other districts. This middle school specification ensures a clustered team-teaching model of 3-4 core teachers, with ESE spaces within or nearby. The school site plan shall ensure limited, secure ingress points. The specifications will result in the design of facilities that are functional, energy efficient, safe, technologically advanced and flexible so that, as class-size requirements and learning styles change, our buildings remain functional for a life of 50 years.

This document provides a prototype for Sarasota County School's future middle schools and a means to determine the extent to which existing middle schools are adequate. The district may depart from this prototype, at the recommendation of the Superintendent and approval by the School Board, to provide amenities which (a) meet the particular culture or programs reflective of specific school communities, (b) are clearly defined in the school's instructional delivery system, and (c) receive community and/or outside financial support.

The graphic representations of the space chart are intended to establish adjacencies and not to set design. Spaces shall be arranged for the various program areas in a configuration compatible with the overall traffic control and site needs of the school plant

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DESIGN CRITERIA

The following general guidelines should be considered in plant design. Wherever individual sections refer to “standard”, these overall considerations shall be the reference.

A. GENERAL

1. **Codes & Standards** - Applicable codes shall include, but not be limited to:

- Florida Building Code with latest revisions,
- State Requirements for Educational Facilities (S.R.E.F.),
- Section 255.2575, F.S., which mandates the construction of energy efficient and sustainable schools,
- The School District of Sarasota County standards and guidelines, and
- Florida Accessibility Code for Building Construction (F.A.C.B.C.) as referenced in Chapter 11 Florida Building Code. District Technology Specifications
- American Disabilities Act.

Any educational specifications contained herein that are in conflict with applicable codes & standards shall be modified by mutual consent between the architect and the School District to the extent necessary to eliminate the conflict and comply with code requirements.

2. **Security** – The design shall use “safe school design” principles through the use of Crime Prevention Through Environmental Design (CPTED). CPTED design principles include natural surveillance of school grounds, access control and territoriality. CPTED design features include, but are not limited to, controlled access entrances, fencing, sufficient entrances and exits, signage and front desks having views of the entrance. The design shall be committed to maximum security from unauthorized or illegal entry during school hours and when the school is not in session. Internal security preventatives such as limited access, locked storage, proper lighting, etc., shall be considered. The exterior of the building shall not have "natural ladders", blind corners or areas where security would be difficult. Security systems as directed per contract documents. Security cameras shall be provided per district guidelines. The central office must be easily identifiable from the community as the place to enter the school.

3. **Flexibility** – Design consideration shall be given to flexibility to allow for future program changes, future additions and/or expansions of the school plant. Designation of a future “relocatable field” shall be included as site permits.

4. **Safety** - Provide safety devices in accordance with State and Federal requirements.

5. **Crowd Control** – The design shall reflect manageable crowd control. Consideration shall be given to the efficient movement of students between activities during school hours and after school. There shall be no exterior corridors along the exterior spaces of the facility; exterior corridors may be considered along interior spaces

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adjoining or overlooking the courtyard. Otherwise, double-loaded corridors shall be utilized.

6. **Construction Techniques** – Design considerations shall be given to ensure rapid and economical construction but be consistent with the long-range maintenance and flexibility requirements of a permanent school plant. Standardized building components may be utilized.
7. **Economy** – All major alternatives shall be evaluated by standard life-cycle costing procedures. **First costs** (building construction, fees for architects/engineers and construction manager services, legal fees, interim financing and cost of the owner's staff), **operating costs** (operating personnel, energy, maintenance, repair, taxes and permanent financing) and **use costs** (salaries of workers, devices or equipment used and space adjustments) are to be considered.
8. **Instructional Technology** – State of the art instructional technology, as well as networked informational and communication technology in all appropriate spaces, shall be ensured by the periodic submission of Technology Specifications into the Design Standards maintained by the Construction Services Department.

B. **BUILDING COMPONENTS**

1. **Windows** – Windows shall be operable where appropriate and all window areas shall allow a high degree of efficiency in heating and cooling but shall not be so few as to require evacuation of the school plant in the event of a power failure or other failures of cooling equipment. All instructional areas shall have natural lighting. Control of natural light shall be provided for exterior windows, sufficient for room darkening required for audio-visual presentations, per district guidelines. Additional measures such, as impact-resistant glass, vandal-resistant window treatments, etc. may be requested dependant on the project specific plan review process.
2. **Floors** – Unless otherwise specified, floors shall comply with District Standards.
3. **Walls** – Unless otherwise specified, walls shall comply with District Standards.
4. **Roof** – Unless otherwise specified, roofs shall comply with District Standards.
5. **Ceilings** – Ceiling heights and components shall comply with District Standards.
6. **Doors** – All doors shall comply with School District standards.
7. **Canopies** – Provide extruded aluminum covered walkways to all permanent instructional, support and ancillary spaces.
8. **Corridors and Student Commons** - Corridor width shall comply with code. .

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9. **Restrooms** – Staff, public and student toilets shall be sufficient in number and design to comply with District Standards. Individual student restrooms shall be located within instructional team areas so as to increase both supervision and student time-on-task.
10. **Bulletin Boards** - In addition to any bulletin boards specified in departmental specifications, there shall be located in 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 interdepartmental use, eight lineal feet. Tack Bulletin Boards shall be located in the hallways of the instructional areas between classrooms. ~~Bulletin (tack) boards shall not be less than 36" vertical measurement.~~
11. **Custodial Service Closets** – Custodial service closets shall be provided in each wing, floor or major area of the school plant. It should contain a mop sink, shelving and a rack for storage of brooms and mops.
12. **Colors** - Harmonizing colors shall be used to enhance the design and construction of the plant as well as the learning environment. The architect shall submit colors for review and approval by the School District. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. The architect shall submit finishing schedules and millwork for review and approval by the School District.
13. **Signs** – Room signs of appropriate size and construction shall be located near the door entrance. Signs shall meet Florida Building Code Chapter 11 requirements, and shall always designate the Florida Inventory of School Houses (FISH) room number; the type of room shall always be designated for safety-related spaces [e.g., FACP, mechanical, etc.], but shall be modified so as to reduce student embarrassment [e.g., "Classroom" instead of "FT-ESE"]. A school sign of appropriate size and construction shall be located in a prominent location at or near the front of the school site.
14. **Flag Pole** – Locate a flag pole with two (2) complete rope systems near the front entrance of the school.
15. **Hurricane Hardening** – Comply with School District and County Emergency Management office requirements for provisions for emergency shelters.
16. **Display** – A built-in trophy case shall be located in the entrance foyer of the administration area and the lobby of the gymnasium.

C. BUILDING SYSTEMS

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1. **Energy Conservation** – The building as well as all of its components shall conform in all respects to the current edition of the codes. The Design Team shall provide various options by which the facility can meet applicable “green building” statutes and Board energy management policies.
2. **Environmental Indoor Air Quality** – Air conditioning and heating shall be provided. Designer shall give consideration to pre-conditioning the outside make-up supply as a means for controlling humidity levels. Master controls shall be placed in suitable locations. The mechanical systems must be as simple as possible, for ease of maintenance and zoned to permit closing down of various areas of the building when they are not in use. Designer shall coordinate with district Facilities Department to ensure system will interface with the district’s climate control scheme and system.
3. **Lighting** – Lighting shall comply with District Standards, with consideration for balancing nighttime security lighting, with energy conservation goals.
4. **Electrical** – Lightning protection, power conditioning and surge protection, wire management, voice/video/data outlets, communication closets, grounding, low voltage systems and photo-voltaic to comply with code. All components shall comply with district Design Standards.
5. **Telephones** – The telephone system will be designed in accordance with School District standards. Telephone devices shall be provided to all instructional and administrative areas.
6. **CCTV Distribution** – Classrooms, instructional areas and other designated areas shall be equipped with closed circuit conduit, TV receivers or other multimedia devices, according to District Technology Standards.
7. **Intercommunications System** – There shall be a complete public address/bell signaling system that provides two-way communications between the administration offices and all occupied spaces, including exterior parking and playground/athletic areas. This system shall meet District Standards
8. **Water Outlets** – All water outlets shall comply with District Standards.
9. **Computers, Voice/Data and Video** - All offices, classrooms and instructional spaces shall be wired per School District standards, forming a campus-wide network. The specifications for cabling, terminations and installations are provided separately by School District. Space requirements for communications wiring closets are detailed in the School District specifications.

Provide computer quantities and configuration per School District standards. Each classroom shall have data ports and electrical power for docking and charging of wireless laptop carts. Sufficient electrical outlets shall be provided for the charging of laptops when needed at convenient location to student desks.

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10. **Intrusion Detection system** – Provide intrusion detection system as directed by School District.
11. **General Maintenance Considerations** – Design considerations shall be given to space requirements for maintaining all items of fixed equipment such as boilers, air conditioners, etc. including sufficient storage for standardized equipment. Design shall provide for ease of access and minimal maintenance.
12. **Exterior Building Materials** – Major exterior building materials shall be fully documented in the design phase of project development for review and approval by the School District. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent possible.
13. **Site Fire Protection** – Fire alarm system shall be provided in accordance with all applicable codes.
14. **Water Coolers** – Interior electrically-cooled water fountains shall be provided at convenient places, wall mounted out of the path of travel or recessed in walls; handicapped-accessible drinking fountains may be recessed.
15. **Clocks** -- a master clock system shall ~~be located in the administrative area with synchronized, wireless~~ **synchronize** clocks in all instructional, administrative, and common areas.
16. **Two-Way Radios** – All radio functions shall comply with District Standards.

D. **SITE DEVELOPMENT**

1. **Site Circulation** - A comprehensive site circulation plan shall be developed that provides maximum separation of pedestrian/bicycle circulation from bus/automobile circulation. Coordination with local jurisdictions shall be required in developing and planning access to and on the site for pedestrians, bicycles and vehicular traffic.
2. **Crowd Control** – The design shall reflect manageable crowd control. Considerations should be given to large groups that enter and exit the site at time of public and school events.
3. **Parking** - Parking for at least the minimum mandated by the State Requirements for Educational Facilities (S.R.E.F.) shall be provided for staff and visitors. Accessible handicap parking stalls shall be provided. Signage shall be provided to facilitate efficient pedestrian and vehicular circulation throughout the site. Adequate directional signage shall be provided to direct visitors to non-school functions. Parking shall be illuminated for night use.

Adequate loading and unloading areas should be provided for school buses. Adequate standards for bus turning and parking should be utilized in the design.

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Bus loading area shall be separated from parking areas, parent pick-up and all delivery areas, food services loading areas, parking areas and pedestrian/bicycle accesses. Covered area in close proximity to building should be provided for inclement weather.

Service and delivery areas shall be separated from bus loading areas and shall be screened from public areas. Adequate standards for turning and parking shall be utilized. Loading docks at service areas and service drives shall be designed to accommodate semi-tractor trailer trucks including adequate turn-around provisions.

4. **Site Utilization** – Buildings, driveways, parking and storm water management areas shall be designed so as to allow maximum use of the site. Strong consideration should be given to two-story structures that create a compact instructional setting that minimizes long walk-distances for staff and students.
5. **Building Orientation** – Buildings shall be oriented to take advantage of natural light and minimize solar heat gain.
6. **Storm Water Drainage** - Systems shall be designed in accordance with code.
7. **Pavement, Site Improvements** - Provide all pavement typical sections, access routings, sidewalks, traffic and pedestrian controls, signing and pavement markings layout, sports facilities, as identified elsewhere in this section, and other site improvements.
8. **Landscape Plan** – A landscape plan shall contribute to the development 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. Xeriscape design principles shall be incorporated in the landscape plan. 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 (S.R.E.F.) and district guidelines.
9. **Irrigation Water** - Any irrigation systems shall comply with District Standards, including the latest “green” standards.
10. **Security** – Meet with SDSC Building Department and the Department of Safety and Security at the first stage, site and building layout development, to discuss project-specific security issues. The design shall use “safe school design” principles through the use of Crime Prevention Through Environmental Design (CPTED). Provide multiple exits from assembly areas to allow for expedient dispersal of crowds. Exit routes shall be convenient so that all exits will be used.

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Exits should be designed to avoid where evacuated students would be trapped in dead-end areas. Stairwells should be open to maximize student supervision.

The areas of loading/unloading of students shall be designed to provide easy supervisions and to ensure no mixing of pedestrians and vehicles.

Visitor parking shall be provided near the entrance to the administrative suite. Parking lots should have more than one access. Parking lots shall have good natural surveillance following CPTED principles. The facility lot shall be fences locked and secured during the day if local conditions necessitate.

The access to the site shall consist of a primary road and a secondary access in the event the primary access is blocked. Ability for emergency vehicles to gain access to all of the facility shall be per NFPA 1, Ch. 18.

The school perimeter security fencing shall be vinyl coated and six (6) foot minimum height, preventing access to walkways and courtyards when the facility is not occupied but allow for public access to exterior athletic facilities. Fencing around tennis, basketball courts can be galvanized fencing. Landscaping to include plantings meeting CPTED Principles and may include a berm with plantings and the fence setback and shall be aesthetically pleasing to the public. The exterior doors shall be designed to prevent unauthorized entry by minimizing key locks and associated hardware which would not be used for the purpose of essential entry but are installed for emergency egress (Panic Door Hardware).

Doors which are determined to be essential for entry shall be provided with key access as well as card access and have the capabilities to incorporate Biometric reader control and hardware.

The delivery/receiving service entry gate(s) shall have electric latching/locking hardware to allow control from either a card access or biometric reader. The gates shall be swing style.

An interior perimeter shall be created that will block the public access to open areas for students and staff as well as access to the thoroughfares, courtyard areas, between buildings, portables, classrooms, PE fields and any other common area without first going through a controlled main public entry, the focal point of the entrance. The main public entry shall consist of structurally mounted set of metal doors that are also an integral part of the interior perimeter. These doors shall be located in thoroughfare between the visitor parking areas and the reception area in the administrative complex. The public entry area shall have the capabilities for card access, video surveillance, remote intercom, biometric readers, electric controlled lock hardware as per current policy of SDSC, guidelines, and project specific plan review process. The same structurally mounted metal entry doors shall be placed at the egress areas through the interior perimeter barrier. No decorative or chain link fence gates should be used.

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Restrooms when appropriate such as in the gymnasium and cafeteria shall use a maze-type entry system. The exterior area entry points shall not have any maze type of entry.

The bicycle storage area shall be enclosed with a 6' high fence with good natural surveillance and visibility from either a classroom or the main office. Racks shall be provided to allow the bicycles to be secured. The storage area should be visible on surveillance cameras.

Courtyards shall be designed to allow for groups of students to congregate but not allow for large groups to gather impeding natural surveillance and traffic flow. Planters and benches shall be constructed to allow natural surveillance. The courtyard design shall create a smooth flow of traffic. The landscaping shall follow the CPTED principles. The tree canopies shall not be lower than 7' and not be able to grow to block the use of surveillance cameras, lighting and impede the ability of natural surveillance. Bushes shall not grow higher than 3', so as not to provide areas for hiding. The planters and tree heights shall also be limited when planted in the thoroughfares, common areas, bike and parking lots, courtyards and portables. The entry and exit areas throughout the interior and perimeter area shall be free of any landscaping.

Teacher planning areas shall occur within each team area throughout the campus. The ideal locations for the teacher planning areas are at the ends of hallways, at the center of the hallways, or anywhere with excellent sight lines to high traffic areas for students.

Lighting shall be established in zones to allow for security during nighttime activities. In isolated areas the use of motion detectors can be utilized. Lighting needs to be provided for the 24 hour video surveillance cameras.

Roof shall be designed so there are no obstructions and no availability for access from stairways. Any roof access shall be able to be properly secured and locked.

Video Surveillance cameras and equipment shall be the appropriate amount for the site and placed to provide the best coverage of the campus.

Provide two (2) KNOX BOXES for emergency key access. One (1) recessed box keyed to the local fire jurisdiction shall be installed at the main entrance, and the second Knox Box cabinet keyed to the local fire jurisdiction and school district security department installed at a location directed by the district. Each Knox Box unit shall be wired to the security intrusion system.

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FACILITY LIST (Survey Compliant)

District: **Sarasota County** Total Stations **1,467** Gross Sq Ft: **189,008**
Level: **Middle 6-8** Student Capacity **1,320** DOE Utilization: **90%**

NO.	FISH SPACES CODE	DESCRIPTION	NET SQUARE FEET		DESIGN CAPACITY PER UNIT	TOTAL STATIONS UTILIZED
			UNIT	TOTAL		
GRAND TOTALS				135,083		1,467

STANDARD CLASSROOMS

31	002	4-8	Intermediate/Middle Classroom	858	26,598	22	682
			Subtotal	858	26,598		

SKILLS DEVELOPMENT LAB

6	011	4-8	Intermed/Mid-Skills Labs	858	5,148	22	132
			Subtotal	858	5,148		

SCIENCE

12	021 812	4-8	Intermed/Mid Sci Lab	1,122	13,464	22	264
			Storage, Project	150	1,800		
			Subtotal	1,272	15,264		

RESOURCE - REGULAR

6	040	PK-12	Resource Room	390	2,340	10	
			Subtotal	390	2,340		

EXCEPTIONAL EDUCATION

3	061	PK-12	ESE Part-time	858	2,574	15	45
			Subtotal	858	2,574		

1	062 817	PK-12	ESE Full-time	858	858	10	10
			RR and Bath, Student	110	110		
			Subtotal	968	968		

1	064 817	N-PK	ESE PT/OT	615	615	5	0
			RR and Bath, Student	110	110		
			Subtotal	725	725		

2	065	PK-12	ESE Resource Room	429	858	4	0
			Subtotal	429	858		

2	066 808	PK-12	Supplementary Instruction	100	200	2	0
			Storage, Material	100	200		
			Subtotal	200	400		

ART

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2	051	4-8	Intermediate/Middle	1,260	2,520	30	60
	805		Kiln	60	60		
	808		Storage, Material	100	200		
	812		Storage, Project	150	300		
			Subtotal	1,570	3,080		
			MUSIC				
1	076	6-12	Band Classroom	2,000	2,000	45	45
	831		Practice Room(s)	70	140		
	832		Storage, Instrument	600	600		
			Subtotal	2,670	2,740		
1	075	6-12	Vocal Classroom	1,197	1,197	21	21
			Subtotal	1,197	1,197		
1	077	6-12	Orchestra Classroom	1,140	1,140	20	20
	806		Reference	100	100		
	836		Storage, Sheet Music	150	150		
			Subtotal	1,390	1,390		
			PHYSICAL EDUCATION				
1	111	6-9	Gymnasium Floor	6,500	6,500	120	120
	090/091	6-12	Dressing Room	792	1,584		
	092/093		Lockers	132	264		
	094/095		Showers	132	264		
	815/816		Restroom	132	264		
	096/097		Drying Area	132	264		
	099/100		Teacher Toilet/Shower	66	132		
	098		PE Storage	594	594		
	113		Gym Seating	4,224	4,224		
	114		Laundry/towel	132	132		
1	117		Weight Room	1,000	1,000		
1	119		Gymnastics & Dance	1,050	1,050		
	120		Gym. Storage	300	300		
	822/823		Public Toilets	132	264		
			Subtotal	15,318	16,836		
			VOCATIONAL EDUCATION				
			TECHNICAL EDUCATION				
2	240	6-9	Orientation/Exploration Lab	2,090	4,180	22	44
	808		Storage, Material	100	200		
	849		Storage, Project	620	1,240		
	851		Storage, Tool	310	620		
	852		Technology Resource	800	1,600		
			Subtotal	3,920	7,840		
			MEDIA CENTER				
1	380	P-PS	Reading Room/Stacks	4,884	4,884		
	381	P-PS	Technical Processing	528	528		
	382	P-PS	Prod. Professional Lib.	528	528		
	383	P-PS	A-V Storage/Repair	792	792		
	384	P-PS	Periodical Storage	264	264		
	385	P-PS	C.C.Television/Storage	924	924		
	386	P-PS	C.C.T.V.Storage	660	660		
	387	P-PS	Media Production Lab	660	660		
	388	P-PS	Copying Room	264	264		
	389	P-PS	Small Group Listening	132	132		

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	390	P-PS	Group Projects	660	660
	391	P-PS	Maintenance Repair	132	132
			Subtotal	10,428	10,428
ADMINISTRATION					
1	300	N-PS	Principal's/Dir Office	250	250
7	301	N-PS	Asst Prin/Other Office	175	1,225
2	302	N-PS	Bookkeeping Office	125	250
3	303	N-PS	Secretarial Space	158	474
	304	N-PS	Admin. Reception	1,122	1,122
	305	N-PS	Production/Workroom	528	528
	306	N-PS	Conference Rooms	924	924
	307	N-PS	Clinic	396	396
	308	N-PS	Admin. Storage	660	660
	309	N-PS	Records/Vault	396	396
	310	N-PS	School Store	132	132
	311	N-PS	Student Activities Area	660	660
	313	N-PS	Careers Room	396	396
5	314	N-PS	Itinerant Office	125	625
	315	N-PS	Teacher Planning Area	2,640	2,640
	316	N-PS	Teacher Lounge/Dining	528	528
	819-821??	P-PS	Toilets, Staff (M & F)	528	528
			Subtotal	9,743	11,734
FOOD SERVICE					
1	340	N-PS	Dining	5,280	5,280
	341	N-PS	Kitchen	4,941	4,941
	349	N-PS	Chair Storage	264	264
1	351		Covered Dining	4,752	4,752
			Subtotal	10,485	10,485
STAGE					
1	363	N-PS	Stage	990	990
	364	N-PS	Storage	660	660
	365/366	N-PS	Dressing (M & F)	660	660
	367	N-PS	Control Booth	100	100
			Subtotal	2,410	2,410
MULTIPURPOSE					
1	361	N-PS	Multipurpose Room	4,092	4,092
	362	N-PS	Chair Storage	264	264
			Subtotal	4,356	4,356
OTHER SPACES					
1	368	N-PS	Textbook Storage	462	462
	815/816		Student Toilet	990	1,980
	822/823		Public Toilets	132	264
			Subtotal	1,584	2,706
CUSTODIAL					
1	330	N-PS	Custodial Receiving	1,980	1,980
	333	N-PS	Flammable Storage	155	155
	334	N-PS	Equipment Storage	500	500
			Subtotal	2,635	2,635

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STANDARD CLASSROOMS

I. OBJECTIVES/GOALS

The middle school experience will provide diverse opportunities where teams of teachers work together teaching an identified group of students within a small learning community. The program goals include socialization, decision-making process, citizenship and knowledge acquisition.

II. ACTIVITIES/ENROLLMENT

Through the arrangement of furniture, materials and supplies, a learning laboratory will be created for students to be in large group instruction, small group instruction, and individual instruction. This arrangement will provide an environment which will be physically, mentally and socially conducive to learning.

Teacher-Student Ratio: 1:22

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
31	002	4-8	Intermediate/Middle Classroom	858	26,598	22	682
			Subtotal	858	26,598		

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. Acoustical – Standard acoustical treatment will be provided throughout.
- C. Floor – Shall meet District Standards.
- D. Walls – Shall meet District Standards.
- E. Ceiling – The ceiling height will be a minimum of 9' with acoustical tile panels.
- F. Lighting – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.

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- G. Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. Water/Plumbing Fixtures** - Shall meet district guidelines.
- J. Communications** – Shall meet district guidelines.
- K. Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. Gas and Air** - N/A
- M. Safety** – Shall meet district guidelines.
- N. Built-ins**
1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24"w base cabinetry and 90" x 12" upper cabinets
 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
- R. Other Considerations** - Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.

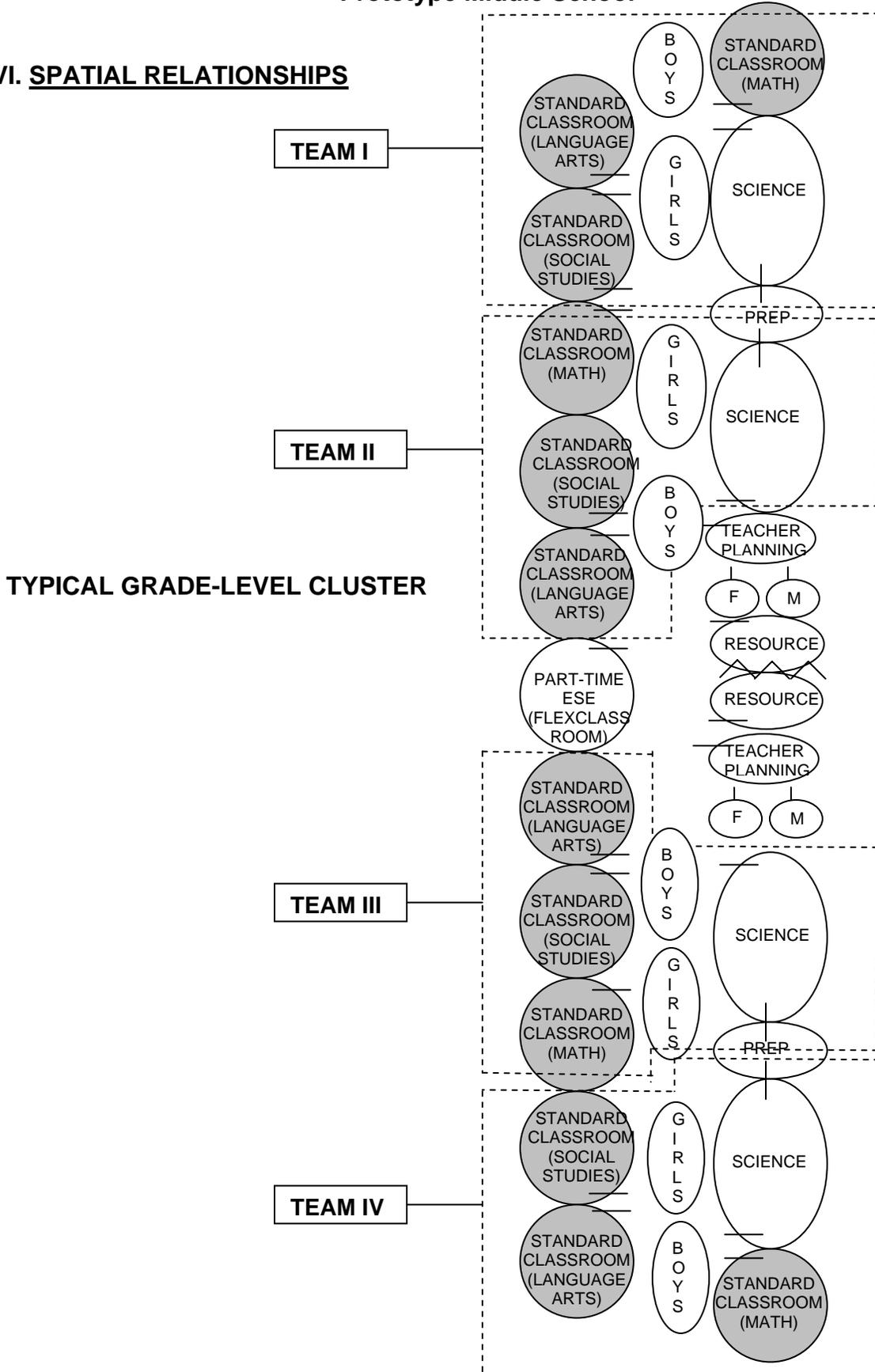
Classrooms shall be arranged by teams with shared teacher planning/storage. Individual student bathrooms shall be located within each team area.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

VI. SPATIAL RELATIONSHIPS



Standard Classroom

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

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SCIENCE CLASSROOMS

I. OBJECTIVES/GOALS

The objective of the science program is to provide experience which help students gather information, analyze information, think critically, be creative in their approach to problem solving, develop a knowledge of generalizations in science and develop skills used in a scientific approach. These objectives are achieved by a carefully integrated use of laboratory activities, challenging mental activities, use of resources and authentic assessments.

II. ACTIVITIES/ENROLLMENT

During science, students will be engaged in lectures, demonstrations, laboratory activities, computer analysis of data, multimedia and independent research. Students will use the scientific laboratory apparatus in all science courses with short and long-range activities. Students will be able to do laboratory work independently as well as in groups of two or more.

Teacher-Student Ratio: 1:22

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
12	021	4-8	Intermed/Mid Science Lab	1,122	13,464	22	264
12	812		Storage, Project	150	1,800		
			Subtotal	1,272	15,264		

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. Acoustical – Standard acoustical treatment will be provided throughout.
- C. Floor – Shall meet district standards
- D. Walls – Shall meet district standards.
- E. Ceiling – The ceiling height will be a minimum of 9' with acoustical tile panels.

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- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Provide water to sinks in the science lab sinks, teacher demonstration table, and storage/prep rooms. Provide master shut-off located in a secure area.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers, microscopes, and other equipment.
- L. **Gas and Air** - Provide gas and air at the teacher demonstration tables. Provide master shut off located in a secure area.
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide upper and lower cabinetry with laminate countertops.
 - d. Provide 6 fixed 4-student science tables with water, power and data for 24 students.
 - 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
 - d. 2" continuous tack strip in corridors.
- R. **Other Considerations** - - Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate. Science labs shall be located with teams; lab space may be placed along the science classroom perimeter. Where possible, science labs shall be clustered to enable combined storage.

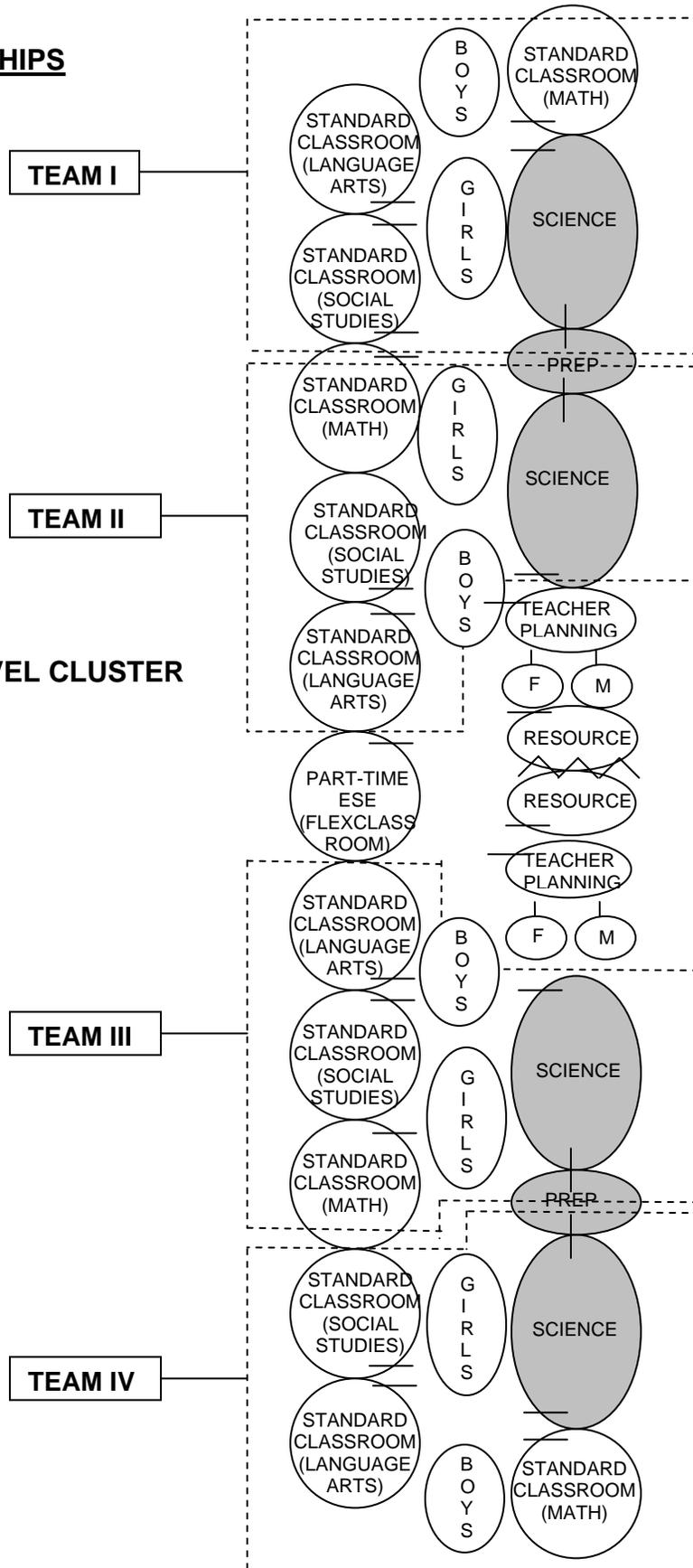
EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

VI. SPATIAL RELATIONSHIPS

TYPICAL GRADE-LEVEL CLUSTER



Science Classroom

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

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SKILLS DEVELOPMENT LABORATORY

I. GOALS/ACTIVITIES

The Skills Development Laboratory provides a setting for learning experiences in which students can explore and develop individual skills in mathematics, science and other interdisciplinary subjects.

The activities for the programs are lecture/listening, discussion, audio-visual presentations, research, district assessments, independent or group projects and presentations, reading, speaking, and writing. Provide experiences and opportunities for children to develop skills in critical thinking, deductive and inductive reasoning, and in problem solving. A District Standard shall determine the number of assessment labs and their wired or wireless status; at least one lab shall be used for a credit retrieval program. Skills Development labs shall be used for the above activities and experiences when not needed for local or state assessments.

II. ORGANIZATIONAL NOMENCLATURE

Teacher-Student Ratio: 1:22

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
6	021	4-8	Intermed/Mid Skills Labs	858	5,148	22	132
			Subtotal	858	5,148		

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. Acoustical – Standard acoustical treatment will be provided throughout.
- C. Floor – Provide resilient flooring in each classroom.
- D. Walls – Shall meet district guidelines.
- E. Ceiling – The ceiling height will be a minimum of 9' with acoustical tile panels.
- F. Lighting – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.

EDUCATIONAL SPECIFICATIONS

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- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows (per district guidelines) in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Shall meet district guidelines.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
 - 3. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24"w base cabinetry with sink and 90" x 12" upper cabinets
 - 4. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
- S. **Other Considerations** - Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.

VI. **SPATIAL RELATIONSHIPS**

Skills Labs shall be located near media or with exploratory classrooms.

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EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

RESOURCE ROOM

I. OBJECTIVES/GOALS

Resource Rooms are used to support the instructional program by providing space for supplemental activities.

II. ACTIVITIES/ENROLLMENT

Program activities include small group instruction and student testing.

Teacher-Student Ratio: **1:15**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			RESOURCE - REGULAR				
6	040	PK-12	Resource Room	290	1,740	10	
	808		Storage, Material	100	600		
			Subtotal	390	2,340		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Shall meet District Standards.
- D. **Walls** – Shall meet District Standards.
- E. **Ceiling** – The ceiling height will be a minimum of 9’ with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

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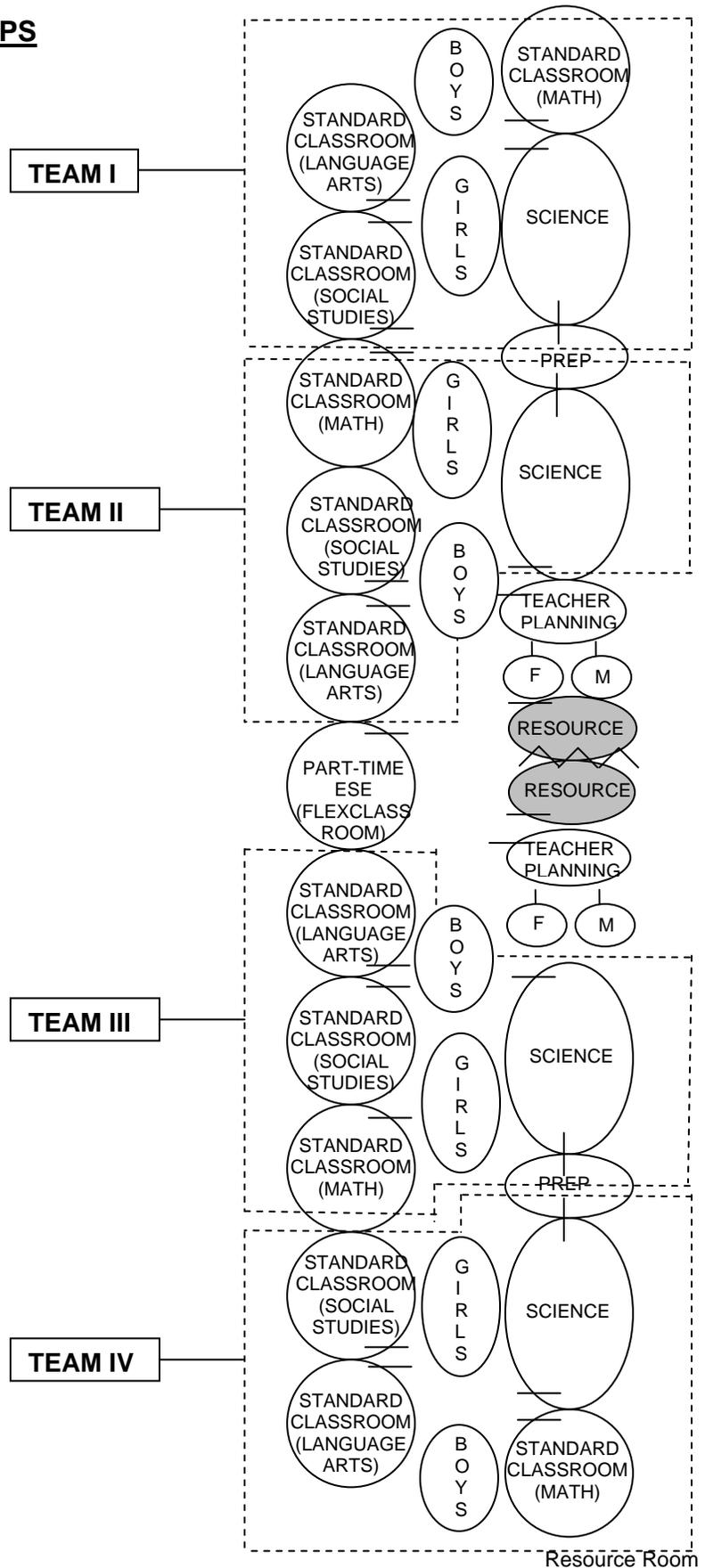
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** – N/A.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24" cabinetry with lower and 90" x 12" upper cabinets
 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (2)
 - c. Tack board, 48" x 48" (2)
- R. **Other Considerations** -NA

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

EXCEPTIONAL STUDENT EDUCATION

I. OBJECTIVES/GOALS

Students with special learning difference will be provided educational programs designed to meet their individual needs. Diagnostic evaluation, planning and implementation of individual student programs will be provided.

II. ACTIVITIES AND ENROLLMENT

Students with special learning styles will be provided educational programs designed to meet their individual needs. Individualized and small group instruction will be provided.

Teacher-Student Ratio: **Varies**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			EXCEPTIONAL EDUCATION				
3	061	PK-12	ESE Part-time	858	2,574	15	45
			Subtotal	858	2,574		
1	062	N-12	ESE Full-time	858	858	10	10
	817		RR and Bath, Student	110	110		
			Subtotal	968	968		
2	066	PK-12	Supplementary Instruction	100	200	4	
	808		Storage, Material	100	200		
			Subtotal	200	400		
2	065	PK-12	ESE Resource Room	380	760		
	808		Storage, Material	49	98		
			Subtotal	429	858		
1	064		ESE PT/OT	475	475		
	808		Storage, Material	100	100		
	813		Storage, Student	40	40		
	817		RR and Bath, Student	110	110		
			Subtotal	725	725		

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Shall meet District Standards.
- D. **Walls** – Shall meet District Standards.
- E. **Ceiling** – The ceiling height will be a minimum of 9' with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** – Shall meet district guidelines. Provide hot water in full-time and PT/OT classrooms.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving (not in Resource or Supplementary Instruction)
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24" lower cabinetry and 90" x 12" upper cabinets
 - d. For Full-time and PT/OT, provide sink in lower cabinets.
 - 2. Instructional Aids (not in Resource or Supplementary Instruction)
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)

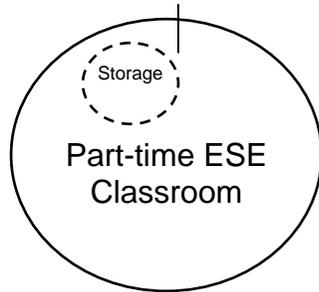
EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

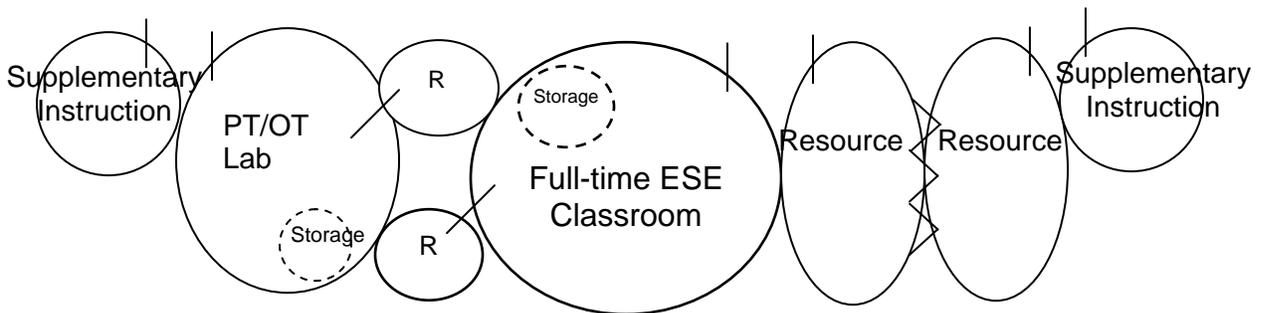
Prototype Middle School

- R. **Other Considerations** – Design of classroom shall allow for a space to “park” rolling back packs, book cases, and/or wireless laptop carts where appropriate.

VI. **SPATIAL RELATIONSHIPS**



Provide ESE spaces in proximity to each team.



R – Restroom

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

ART

I. OBJECTIVES/GOALS

The art program shall provide opportunities to learn and appreciate past and present artistic expressions of others. A variety of course offerings provides many opportunities for students to develop their artistic talents.

II. ACTIVITIES AND ENROLLMENT

The art curriculum will provide many different types of activities such as drawing, painting, mixed media, photography, ceramics, printmaking and art appreciation.

Teacher-Student Ratio: **1:28**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			ART				
2	051	4-8	Art	1,260	2,520	30	60
1	805		Kiln	60	60		
2	808		Storage, Material	100	200		
2	812		Storage, Project	150	300		
2			Subtotal	1,570	3,080		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. Provide special ventilation for kiln room.
- B. **Acoustical** - Standard acoustical treatment will be provided throughout to control reverberation, echo and/or excessive deadness.
- C. **Floor** – Per district standards.
- D. **Walls** - Shall meet district guidelines. Provide wall space for murals where possible. Provide the maximum amount of wall space for tackable material to display art work.
- E. **Ceiling** – The ceiling height will be a minimum of 9’ with acoustical tile panels.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- F. Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the audio-visual screen. Provide track lighting to illuminate art displays.
- G. Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes. If possible, northern exposure of natural light is desirable.
- H. Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s). The kiln room door shall be fire rated.
- I. Water/Plumbing Fixtures** - Provide three double deep art sink(s) with clay traps and gooseneck faucet in the cabinetry in the classroom. Locate a hose bibb at the art patio. Provide hot and cold water in art rooms.
- J. Communications** – Shall meet district guidelines.
- K. Electrical** – Shall meet district guidelines. Provide outlets for kiln(s), computers, printers and other equipment.
- L. Gas and Air** - N/A
- M. Safety** – Shall meet district guidelines.
- N. Built-ins**
1. Counters and Cabinet/Shelving
 - a. Provide base cabinets with 3 double utility-type art sinks in the classroom.
 - b. Provide cabinets with fully vented doors and 15 adjustable shelves in the classroom.
 - c. Provide upper and lower cabinets with a counter in the middle and 4" vertical dividers in part of the lower cabinets in the classroom.
 - d. Provide storage cabinets with adjustable shelves and no doors in Project/Material Storage.
 - e. Provide metal shelving in Kiln room.
 - f. Provide cabinets for flat storage of large paper, posters and prints.
 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

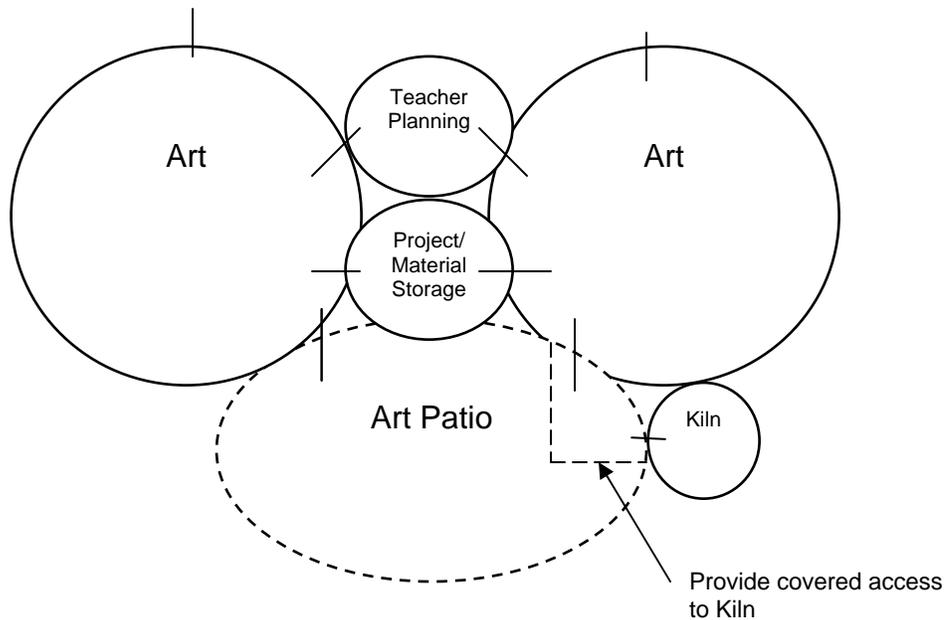
Prototype Middle School

- c. Tack board, 48" x 48" (3)
- d. Provide floor to ceiling tack board in classroom.

R. Other Considerations

- 1. Provide pre-cast concrete benches at the outside art patio.
- 2. Provide Kiln with exhaust hood, electric.
- 3. Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

BAND

I. OBJECTIVES/GOALS

The music program will enable students to compose; sing and play instruments; read and write music. Students will develop critical thinking and problem solving skills through music composition, performance and listening. Students will listen to, analyze, describe and evaluate their own performance and those of others.

II. ACTIVITIES AND ENROLLMENT

The music curriculum will consist of formal courses of study, performing groups, individualized instruction and music activities. Group rehearsals, ensemble groups, individualized instruction and general teaching will utilize the music facilities.

Teacher-Student Ratio: **varies**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			MUSIC				
	076	6-12	Band Classroom	2000	2000	45	
	831		Practice, Music	70	140		
	832		Storage, Instrument	600	600		
			Subtotal	2,670	2,740		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. Provide controls for temperature and humidity during times school is not in session to protect the musical instruments from damage.
- B. **Acoustical** - Standard acoustical treatment will be provided throughout to control reverberation, echo and/or excessive deadness. Extra acoustical treatment on the walls and ceiling may be necessary to prevent sound from entering or leaving from the classroom.
- C. **Floor** – Shall meet district standards.
- D. **Walls** - Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 22’ with acoustical tile panels.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the audio-visual screen.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Provide double doors or wide doors to the entrance of the band room, to the instrument storage room, and to the outside. Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Shall meet district guidelines. Hot and cold water to be provided in classroom sink, as well as drinking fountain. (bubbler)
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24" cabinetry lower with sink and 90" x 12" upper cabinets
 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
 - d. Marker Board, 16'x5' Music Staff with 4' tack board above
- R. **Other Considerations** –
1. Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.

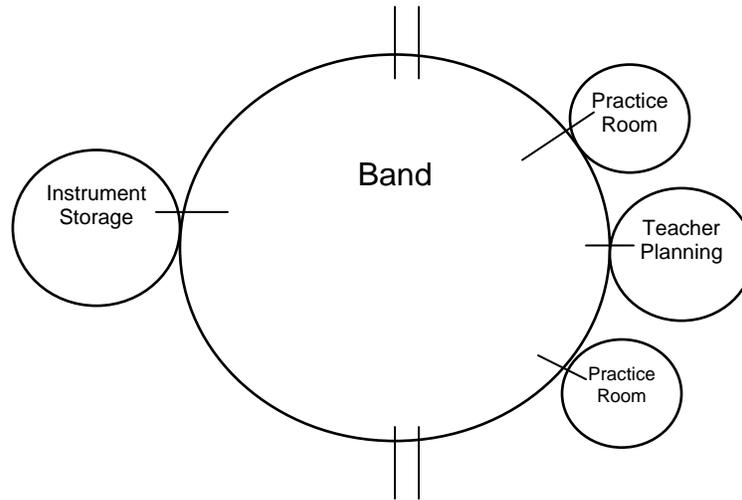
EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

2. Music rooms should be located and acoustically designed so that transmission of sound is contained within the classroom, so as not to interfere with other classrooms or musical areas.
3. Music rooms should be located adjacent to, or nearby, the ramp access to the stage.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

ORCHESTRA

I. OBJECTIVES/GOALS

The music program will enable students to compose; sing and play instruments; read and write music. Students will develop critical thinking and problem solving skills through music composition, performance and listening. Students will listen to, analyze, describe and evaluate their own performance and those of others.

II. ACTIVITIES AND ENROLLMENT

The music curriculum will consist of formal courses of study, performing groups, individualized instruction and music activities. Group rehearsals, ensemble groups, individualized instruction and general teaching will utilize the music facilities.

Teacher-Student Ratio: **varies**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			MUSIC				
1	077	6-12	Orchestra Classroom	1,140	1,140	17	17
	806		Reference	100	100		
	836		Storage, Sheet Music	150	150		
			Subtotal	1,390	1,390		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. Provide controls for temperature and humidity during times school is not in session to protect the musical instruments from damage.
- B. **Acoustical** - Standard acoustical treatment will be provided throughout to control reverberation, echo and/or excessive deadness. Extra acoustical treatment on the walls and ceiling may be necessary to prevent sound from entering or leaving from the classroom.
- C. **Floor** – Shall meet district guidelines.
- D. **Walls** - Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 22’ with acoustical tile panels.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

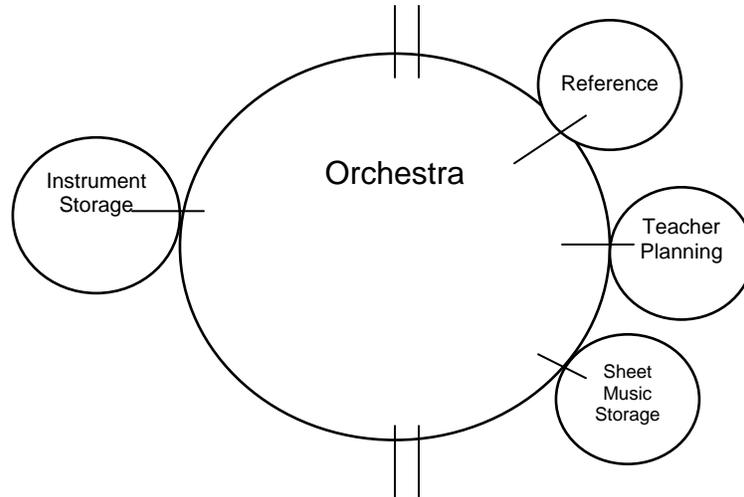
Prototype Middle School

- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the audio-visual screen.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). **Double doors or extra-wide doors shall provide access to the instrument storage room.** Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Shall meet district guidelines. Hot and cold water to be provided in classroom sink, as well as drinking fountain.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24" cabinetry lower with sink and 90" x 12" upper cabinets
 - 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
 - d. Marker Board, 16'x5' Music Staff with 4' tack board above
- S. **Other Considerations** – -
 - 1. Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.
 - 2. Music rooms should be located and acoustically designed so that transmission of sound is contained within the classroom, so as not to interfere with other classrooms or musical areas.

EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

3. Music rooms should be located adjacent to, or nearby, the ramp access to the stage.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

VOCAL

I. OBJECTIVES/GOALS

The music program will enable students to compose; sing and play instruments; read and write music. Students will develop critical thinking and problem solving skills through music composition, performance and listening. Students will listen to, analyze, describe and evaluate their own performance and those of others.

II. ACTIVITIES AND ENROLLMENT

The music curriculum will consist of formal courses of study, performing groups, individualized instruction and music activities. Group rehearsals, ensemble groups, individualized instruction and general teaching will utilize the music facilities.

Teacher-Student Ratio: varies

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			<u>MUSIC</u>				
	075	6-12	Vocal Classroom	1197		21	
			Subtotal	1197			

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. Provide controls for temperature and humidity during times school is not in session to protect the musical instruments from damage.
- B. **Acoustical** - Standard acoustical treatment will be provided throughout to control reverberation, echo and/or excessive deadness. Extra acoustical treatment on the walls and ceiling may be necessary to prevent sound from entering or leaving from the classroom.
- C. **Floor** – Shall meet district guidelines.
- D. **Walls** - Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 20’ with acoustical tile panels.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

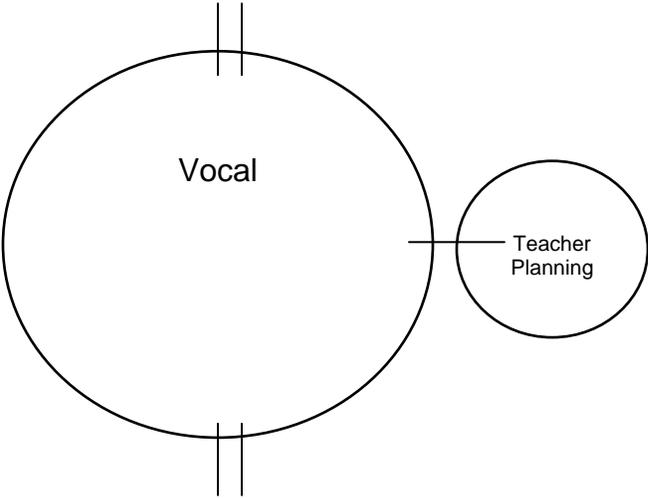
Prototype Middle School

- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the audio-visual screen.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Shall meet district guidelines. Provide drinking fountain (bubbler) in classroom.
- J. **Communications** – Shall meet district guidelines.
- K. **Electrical** – Shall meet district guidelines. Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90" x 24"w cabinetry lower with sink and 90" x 12" upper cabinets
 - 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)
 - d. Marker Board, 16'x5' Music Staff with 4' tack board above
- R. **Other Considerations** –
 - 1. Design of classroom shall allow for a space to "park" rolling back packs, book cases, and/or wireless laptop carts where appropriate.
 - 2. Music rooms should be located and acoustically designed so that transmission of sound is contained within the classroom, so as not to interfere with other classrooms or musical areas.

EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
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3. Music rooms should be located adjacent to, or nearby, the ramp access to the stage.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

PHYSICAL EDUCATION

I. OBJECTIVES/GOALS

Physical education at all levels should focus on motor skills, knowledge and critical thinking skills necessary for lifelong physical activity that contributes to a healthy lifestyle. Students can benefit from varied experiences that will assist them in evaluating and measuring their own performance. Students can also be involved in activities in which they cooperatively give appropriate feedback to their peers.

II. ACTIVITIES AND ENROLLMENT

The curriculum will consist of various physical activities for group and individualized instruction.

Teacher-Student Ratio: varies

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			PHYSICAL EDUCATION				
	111	6-8	Gymnasium Floor	6500	6500	160	
	090/091	6-12	Dressing Rooms	791	1,562		
	092/093		Lockers	132	264		
	094/095		Showers	132	264		
	815/816		Restrooms	132	264		
	096/097		Drying Area	132	264		
	099/100		Teacher Toilet/Shower	66	132		
	098		PE Storage	594	594		
	113		Gym Seating	4,221	4,221		
	114		Laundry/Towel	132	132		
	117		Weight Room	1000	1000		
	119		Gymnastic & Dance	1050	1050		
	120		Gym Storage	300	300		
	822/823		Public Toilets	132	264		
			Subtotal	15,419	16,960		

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. Acoustical – Standard acoustical treatment will be provided throughout.
- C. Floor – Shall meet district guidelines.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- D. **Walls** – Shall meet district guidelines.
- E. **Ceiling** – Shall meet district guidelines.
- F. **Lighting** – Shall meet district guidelines.
- G. **Windows** – Shall meet district guidelines.
- H. **Doors** – Shall meet district guidelines.
- I. **Water/Plumbing Fixtures** – Shall meet district guidelines.
- J. **Communications** - Shall meet district guidelines.
- K. **Electrical** - Shall meet district guidelines.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet district guidelines.
- N. **Built-ins** –
 - 1. Lockers, benches and ADA accessible lockers as required. Hooks or pegs to hang towels. Full length mirror.
 - 2. Space must be planned for a wall-mounted rack for wrestling mats in the gym storage room; there shall be a double-door for this room.
- R. **Other Considerations** –
 - 1. Provide outdoor basketball equipment, including post, backboard, rim and net.
 - 2. Provide outdoor volleyball equipment, including volleyball sleeves and standards.
 - 3. Fields shall be provided by School District, and shall include
 - a. 6-8 tennis courts
 - b. Up to four volleyball and four basketball courts
 - c. 2-4 softball fields
 - d. One soccer field surrounded by a 400-meter track, plus standard track & field competition spaces
 - e. Adequate storage, bathrooms, water fountain, and a small kiosk-type structure for shade for ill students, adjacent to the fields; the bathrooms and water fountain shall be sited in a lockable area to prevent vandalism.
 - 4. Design of the locker rooms, coach's office, and bathrooms shall ensure maximum sight-lines for excellent supervision.

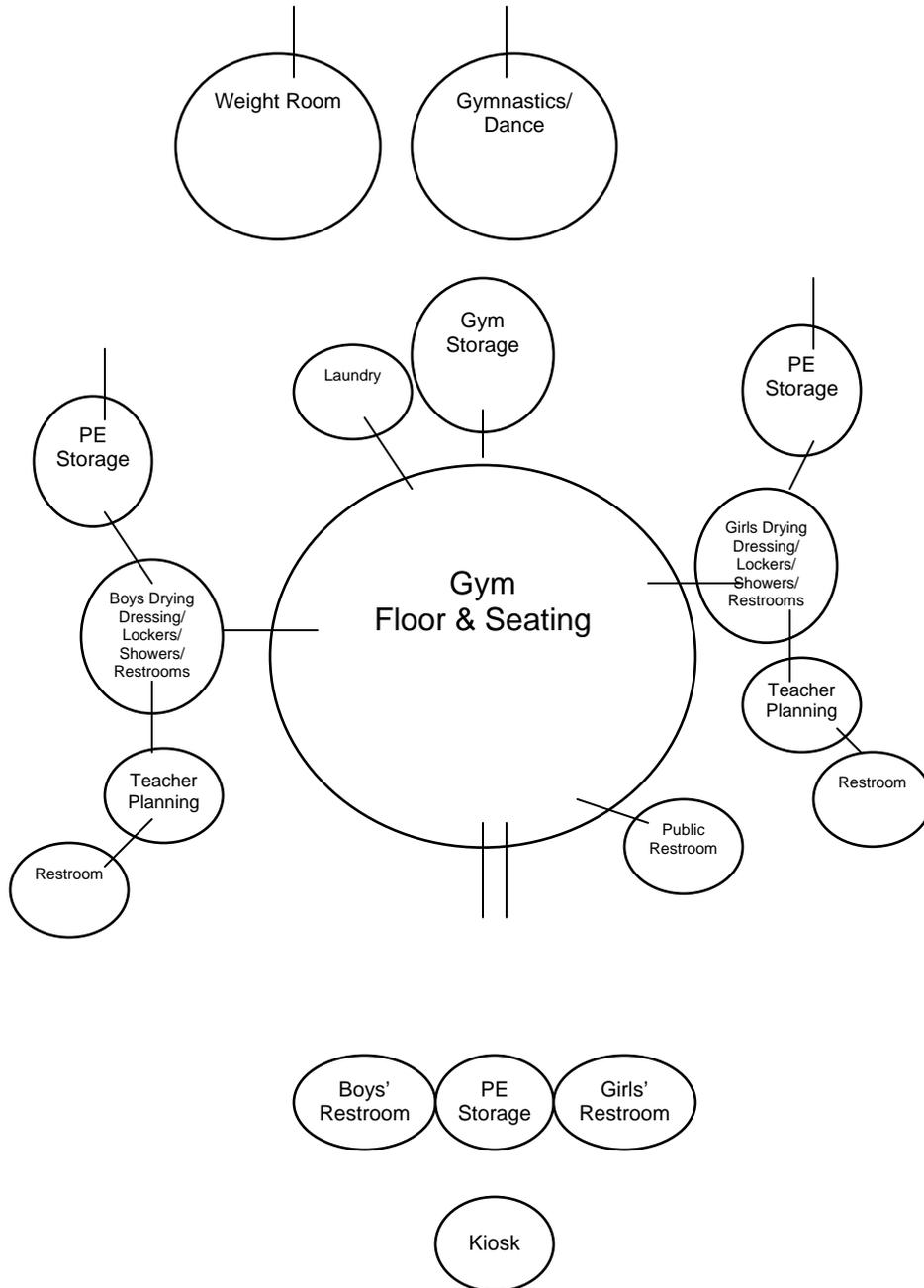
EDUCATIONAL SPECIFICATIONS

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5. When conditions apply [e.g., proximity to nearby high school], the gymnasium floor may be enlarged so to allow regulation high school competition.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS

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CAREER & TECHNICAL TECHNOLOGY EDUCATION

I. OBJECTIVES/GOALS

The middle school experience will provide diverse opportunities in structured learning environments. The CTE program goals would include socialization, decision-making process, citizenship and knowledge acquisition. In addition, students will be exposed to design processes, career interests and exploration, and basic technical skills associated with their career pathway. The goal of Technical Technology Education at the middle school level is to provide students with activity-based instruction that introduces them to the importance of technology and the principles used to develop, produce, use and assess it. Students develop both individual and teamwork skills needed to participate in and contribute to society. The focus is on technological awareness, design and problem-solving skills, computer applications and experiential learning with career/technical research and activities.

II. ACTIVITIES/ENROLLMENT

Through the arrangement of furniture, materials and supplies, a learning laboratory will be created for students to be in large group instruction, small group instruction, and individual instruction. This arrangement will provide an environment which will be physically, mentally and socially conducive to learning. Students will be provided hands-on learning experiences that will assist students with exploring a variety of career opportunities. The middle school will provide a minimum of two (2) different Career and Technical Education programs that align with the career-themed smaller learning communities at their feeder high schools.

Teacher-Student Ratio: **1:24**

Grade level for which program is intended: **6-8**

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
2	240	6-8	Orientation & Exploration Lab	2,090	4,180	22	44
2	808		Storage, Material	100	200		
2	849		Storage, Project	620	1,240		
2	851		Storage, Tool	310	620		
2	852		Technology Resource	800	1,600		
			Subtotal	3,920	7,840		

IV. SPECIAL CONSIDERATIONS

EDUCATIONAL SPECIFICATIONS

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Prototype Middle School

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. Provide vacuum and air compressor systems.
- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Provide resilient flooring in each classroom. Shall meet District Standards
- D. **Walls** – Shall meet District Standards.
- E. **Ceiling** – The ceiling height will be a minimum of 9' with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light parallel to the teaching wall.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code. Window treatments will be provided for all exterior windows in order to darken rooms for instructional purposes.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** - Shall meet District Standards.
- J. **Communications** – Shall meet District Standards.
- K. **Electrical** – Shall meet District Standards. Provide outlets for computers, printers, and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Shall meet District Standards.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving
 - a. Bookcase with adjustable shelving, 48"x12"x72"
 - b. Storage Cabinet, 48"x30"x72"
 - c. Provide 90"x24"w base cabinetry with sink and upper cabinets
 - 2. Instructional Aids
 - a. AV Screen
 - b. Marker board with map rails, 48"x48" (4)
 - c. Tack board, 48" x 48" (3)

EDUCATIONAL SPECIFICATIONS

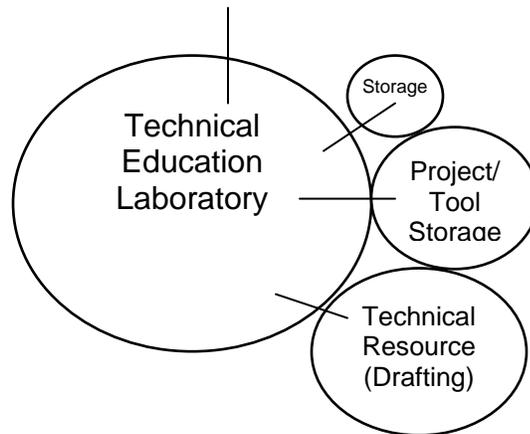
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O. Other Considerations –

1. Design of classroom shall allow for a space to “park” rolling back packs, book cases, and/or wireless laptop carts where appropriate.
2. Specific lab designs will follow district standard for middle school career and technical programs, including Technical Education, Business Education, Family & Consumer Science Education, Health Occupations Education, and Agriscience Education.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

MEDIA CENTER

I. OBJECTIVES/GOALS

The library media program represents a combination of resources that include people, services, materials, equipment and facilities. Its prime responsibility is to facilitate the teaching-learning process by providing resources and services that satisfy both individual and instructional needs of students in an atmosphere that promotes inquiry, creativity, self-direction, communication of ideas, and the ability to use rational processes.

II. ACTIVITIES AND ENROLLMENT

Both planned and spontaneous interaction in the library media center can occur concurrently. The library media center program is action centered: it facilitates attainment of knowledge by both individuals and groups using different learning modes and different technologies for transmitting information. As a learning laboratory, the library media center must provide flexibility to permit participation in both active and quiet ways.

Teacher-Student Ratio: varies

Grade level for which program is intended: 6-8

III. PROGRAM SPACES

NO.	FISH	DESCRIPTION	NET SQUARE FEET		DESIGN	TOTAL
			UNIT	TOTAL	CAPACITY	STATIONS
SPACES	CODE				PER UNIT	UTILIZED
		MEDIA CENTER				
	380	P-PS Reading Room/Stacks	4,880		4,880	
	381	P-PS Technical Processing	528		528	
	382	P-PS Prod. Professional Lib.	528		528	
	383	P-PS A-V Storage	791		791	
	384	P-PS Periodical Storage	264		264	
	385	P-PS C.C.Television	923		923	
	386	P-PS C.C.T.V.Storage	660		660	
	387	P-PS Media Production Lab	660		660	
	388	P-PS Copying Room	264		264	
	389	P-PS Small Group Listening	132		132	
	390	P-PS Group Projects	660		660	
	391	P-PS Maintenance Repair	132		132	
		Subtotal	10,422		10,422	
		OTHER SPACES				
	368	Textbook Storage	462		462	

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

General Collection/Stacks

This area contains the main collection for student checkout. The area includes collaborative tables, individual seating, spacing for group lessons and a circulation desk.

Re: Circulation desks

Use the desk at Woodland as an example of what the desk needs to look like. There has to be accessibility for handicapped students, and a book drop.

Media Office

The media office contains a desk and shelving.

Media Production

This needs to be connected to the media office, or be combined into one large room. The nature of this room has changed with the times. The room is now more for receiving and processing or preparing books for surplus.

Textbook Storage

Most middle schools collect all their texts at the end of the year.

Tech Office

The tech office contains a desk and shelving.

AV/Computer Maintenance and Repair

This room used to house overheads, projectors, etc. None of those items should still be in the schools. Now it is almost exclusively computer related hardware. This room should be connected to the tech office with built-ins for storage and repair. (Note: and network drops and power for multiple computers)

Teacher Production

Teacher production should have the mailboxes, cabinets and counters on one wall, shelving on the other wall (to house the professional library and resources) and a work island in the middle of the room. Carts holding the laminator, rolls of bulletin board paper and a copy machine can be on the blank wall.

CCTV/Studio

We are no longer using the large media retrieval systems, since most everything is done through

the ACTIV technologies. The studio is located near the tech not knowing who will be responsible for the morning news program.

Group Projects

This should be big enough for at least 4 collaborative tables, counter space and storage for projects in process, a white board for flowcharts etc.

Computer Lab

Again, near tech, capacity for one class

Restrooms

General Collection/Stacks

This area contains the main collection for student checkout. The area includes collaborative tables, individual seating, spacing for group lessons and a circulation desk.

Re: Circulation desks

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

Use the desk at Woodland as an example of what the desk needs to look like. There has to be accessibility for handicapped students, and a book drop.

Media Office

The media office contains a desk and shelving.

Media Production

This needs to be connected to the media office, or be combined into one large room. The nature of this room has changed with the times. The room is now more for receiving and processing or preparing books for surplus.

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Teacher production should have the mailboxes, cabinets and counters on one wall, shelving on the other wall (to house the professional library and resources) and a work island in the middle of the room. Carts holding the laminator, rolls of bulletin board paper and a copy machine can be on the blank wall.

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Group Projects

This should be big enough for at least 4 collaborative tables, counter space and storage for projects in process, a white board for flowcharts etc.

Computer Lab

Again, near tech, capacity for one class

Restrooms

IV. SPECIAL CONSIDERATIONS

- A. Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system. The HVAC system must be able to handle the extra heat generated by the computers and other equipment along with humidity control for the preservation of books.
- B. Acoustical** – Standard acoustical treatment will be provided throughout. Special sound treatment is necessary for the CCTV area.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- C. **Floor** – Shall meet district guidelines.
- D. **Walls** – Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 9’ with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light.
- G. **Windows** – Standard. Provide observation windows in Technical Processing, Group Projects, and CCTV Control Room. Sill heights in Reading Room shall not be less than 48”.
- H. **Doors** – Standard. Provide large doors for equipment.
- I. **Water/Plumbing Fixtures** – Standard.
- J. **Communications** - Standard
- K. **Electrical** - Provide outlets for computers, printers and other equipment. Include data and power in Textbook storage room. Provide enough outlets in A-V storage for charging laptop carts.
- L. **Gas and Air** - N/A
- M. **Safety** – N/A.
- N. **Built-ins** --

Media Production

- a. Provide storage cabinets with 5 adjustable shelves along two walls
- b. Provide upper and lower cabinets with counter space, on one wall, upper and lower cabinets with counter space and sink on one wall

Teacher Production

- c. Provide upper and lower cabinets with counter space and sink on one wall
- d. Provide shelving for professional collection and resources on one wall
- e. Provide Island base cabinet with drawers and storage cabinets and electric

AV/Computer Maintenance and Repair

- f. Provide upper and lower cabinets with counter space on one wall
- g. Provide work counter with drawers and cabinets on one wall
- h. Provide open adjustable shelving on one wall

Textbook Storage

- i. Provide maximum metal shelving with adjustable shelves on all walls. Provide freestanding shelving for center area, allowing for adequate passage and access. Also provide power and a network drop for book check-out.

Group Project Rooms

- j. Provide upper and lower cabinets/drawers with counter/workspace
- k. Marker /White board on one wall

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Additional

I. Marker /White board on one wall in both Media and Tech office

Instructional Aids

- a. AV Screen, wall mounted, 10' x 10', electronic in Reading Room
- b. Marker board with map rails, 48"x48" in reading room & technical processing
- c. Tack board, 48" x 48" in reading room & technical processing

R. Other Considerations –

Computer screens in Reading Room shall be visible from circulation desk.

General Collection/Stacks -- contains collaborative tables, individual seating, spacing for group lessons, a book drop, and a circulation desk.

Media Production -- shall be connected to the media office, or be combined into one large room.

AV/Computer Maintenance and Repair -- shall be connected to the tech office with built-ins for storage and repair, plus network drops and power for multiple computers.

Teacher Production – shall have cabinets and counters on one wall, shelving on the other wall (to house the professional library and resources) and a work island in the middle. Carts holding the laminator, rolls of bulletin board paper and a copy machine can be on the blank wall.

CCTV/Studio -- shall be large enough to instruct a class of students.

Group Projects -- should be big enough for at least 4 collaborative tables, counter space and storage for projects in process, a white board for flowcharts etc.

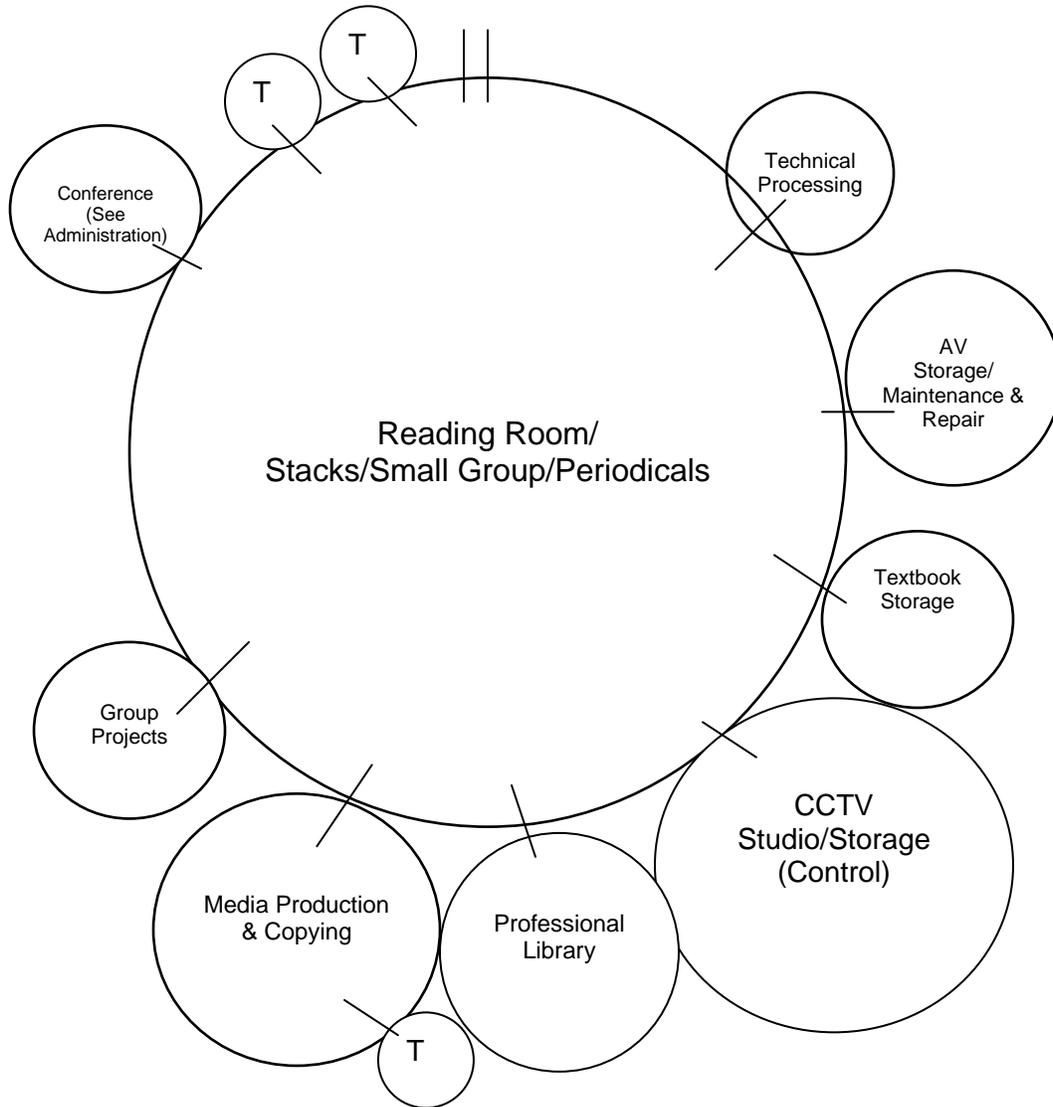
Media Research Lab – one Skills Lab should be adjacent to the Reading Room, with a glass wall allowing a class to utilize both spaces simultaneously.

VI. SPATIAL RELATIONSHIPS



EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

To be deleted --



EDUCATIONAL SPECIFICATIONS

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Prototype Middle School

ADMINISTRATION

I. OBJECTIVES/GOALS

Provide leadership for all activities so that maximum benefits in terms of student growth and development will result. Promote a school culture that will enhance good relations with students, parents, teachers and community. Administrative offices will be throughout the facility to enhance access, communications and supervision.

II. ACTIVITIES AND ENROLLMENT

The activities for the administration/student service area are: reception for students, public and staff; secretarial and bookkeeping duties; conferences; clinic; and storage.

III. PROGRAM SPACES

NO.	FISH		DESCRIPTION	NET SQUARE FEET		DESIGN	TOTAL
				UNIT	TOTAL	CAPACITY	STATIONS
SPACES	CODE					PER UNIT	UTILIZED
			ADMINISTRATION				
1	300	N-PS	Principal's/Dir Office	250	250		
7	301	N-PS	Asst Prin/Other Office	175	1,225		
2	302	N-PS	Bookkeeping Office	125	250		
1	303	N-PS	Secretarial Space	158	474		
	304	N-PS	Admin. Reception	1,121	1,121		
	305	N-PS	Production/Workroom	528	528		
	306	N-PS	Conference Rooms	923	923		
	307	N-PS	Clinic	396	396		
	308	N-PS	Admin. Storage	660	660		
	309	N-PS	Records/Vault	396	396		
	310	N-PS	School Store	132	132		
	311	N-PS	Student Activities Area	660	660		
	313	N-PS	Careers Room	396	396		
5	314	N-PS	Itinerant Office	125	625		
	315	N-PS	Teacher Planning Area	2,638	2,638		
	316	N-PS	Teacher Lounge/Dining	528	528		
	819-821	P-PS	Toilets, Staff (M & F)	528	528		
			Subtotal	9,739	11,730		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Shall meet district guidelines.

EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

- D. **Walls** – Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 9' with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s).
- I. **Water/Plumbing Fixtures** – Standard. Provide hot water in clinic for sinks, showers, and eye wash station.
- J. **Communications** - Standard
- K. **Electrical** - Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – N/A.
- N. **Built-ins**
 - 1. Counters and Cabinet/Shelving
 - a. Storage shelving shall be provided by School District.
 - b. Provide Upper and Lower Cabinets with sink in Work Room.
 - c. Provide Upper and Lower Cabinets with sink/eye wash in Clinic.
 - d. Provide reception counter/desk in Clinic.
 - e. Provide Upper and Lower Cabinets with sink in Teacher's Lounge.
 - 2. Instructional Aids
 - a. AV Screen in conference room
 - b. Marker board with map rails, 48"x48" in conference room, principal secretary.
 - c. Tack board, 48" x 48" located in reception, Principal's office and Conference Room and outside Assistant Principal's Offices.

EDUCATIONAL SPECIFICATIONS

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Prototype Middle School

R. Other Considerations –

1. Locate Video Camera Monitoring Station in hallway of Administration – to be provided by School District per security system standards.

2. A public bathroom shall be provided adjacent to reception.

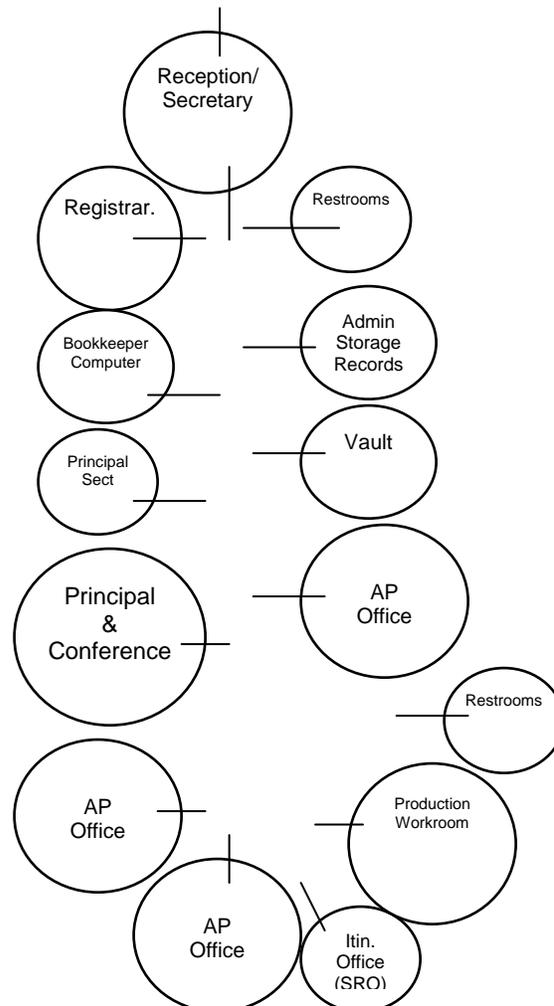
3. A small conference room shall be provided adjacent to reception.

4. The health room shall include a nurse's office, which includes a small private interview area, and boys' and girls' restrooms with showers; the design shall allow a minimum of 6 feet separation between injured students and those who might suffer from a contagious illness. The main health treatment area shall include space for a workstation for a health aide.

5. The reception space shall be two-sided, with one side as visitor reception, the other for staff and students.

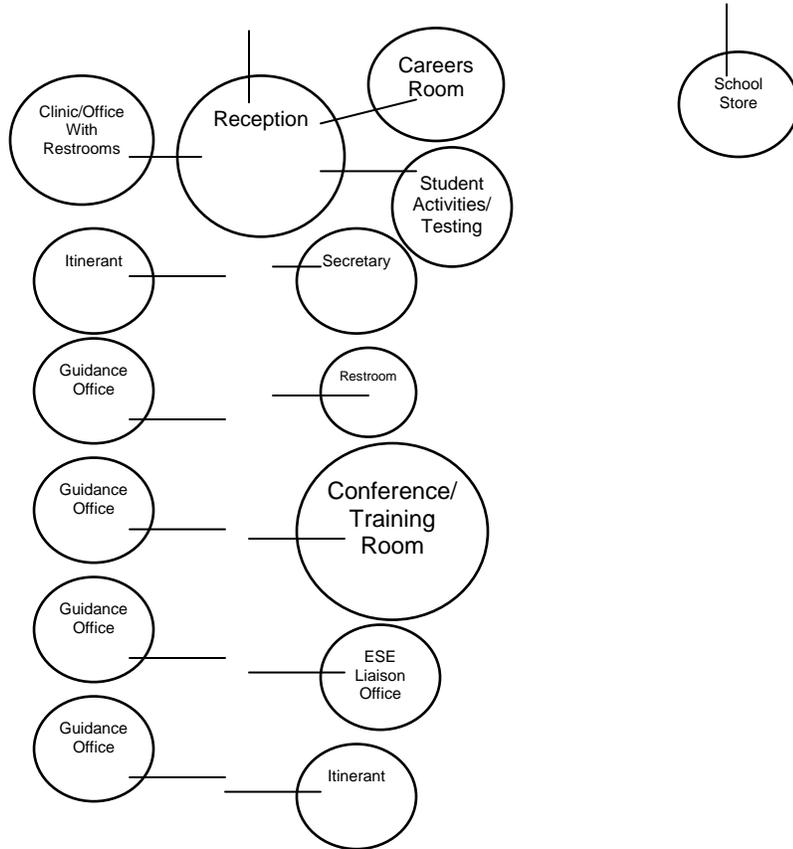
VI. SPATIAL RELATIONSHIPS

Administration



EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

Student Services



EDUCATIONAL SPECIFICATIONS

School Board of Sarasota County

Prototype Middle School

FOOD SERVICE

I. OBJECTIVES/GOALS

The food service facilities shall be designed to meet the particular needs of the middle school student. It should extend to the student the opportunity to exercise some individuality in selecting from a variety of menu choices. Design considerations should allow for menu selections to be prepared and served in the most efficient manner possible. Dining facilities shall be so designed to offer maximum flexibility and utilization during the entire school day. The design of this facility shall also offer an atmosphere which the student will find both relaxing and functional. The multipurpose area will be used occasionally for team activities.

II. ACTIVITIES AND ENROLLMENT

The activities for the food service area are: preparation of food, serving of food, dining, and team activities.

III. PROGRAM SPACES

				NET SQUARE FEET		DESIGN	TOTAL
NO.	FISH					CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT	TOTAL	PER UNIT	UTILIZED
			FOOD SERVICE				
	340	N-PS	Dining	5,364	5,364		
	341	N-PS	Kitchen	4,941	4,941		
	349	N-PS	Chair Storage	264	264		
	351	6-12	Covered Patio	4,748	4,748		
	361	N-PS	Multipurpose	4,089	4,089		
	362	N-PS	Chair Storage	264	264		
			Subtotal	19,670	19,670		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Shall meet district guidelines.
- D. **Walls** – Shall meet district guidelines. Moveable acoustical partition shall be provided in multipurpose/dining in order to provide area for team activities.
- E. **Ceiling** – The ceiling height will be a minimum of 9’ with acoustical tile panels.

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Prototype Middle School

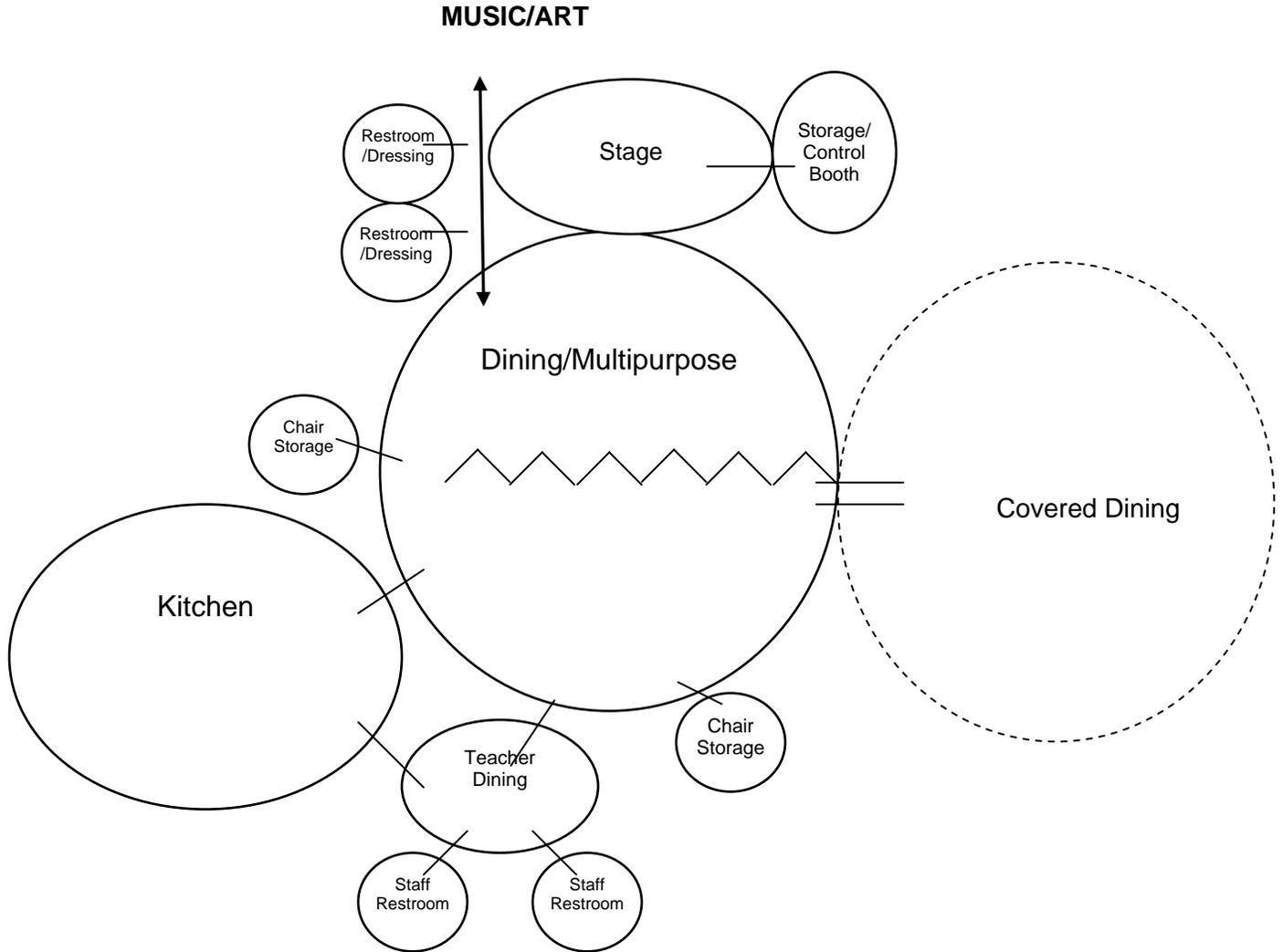
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation when required by code.
- H. **Doors** – Standard. Exterior doors will be hollow metal with peephole. Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s). Provide large doors for equipment.
- I. **Water/Plumbing Fixtures** – Standard.
- J. **Communications** - Standard
- K. **Electrical** - Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Provide safety systems and equipment as required.
- O. **Other Considerations** –
 - 1. The covered patio shall be sited so as to provide a pleasant, secure space for 15-18 tables, or one team. The area shall receive adequate natural ventilation and lighting, or shall be provided with additional ventilation and lighting.
 - 2. There shall be multiple serving lines, with stanchions or similar items to keep students in line.

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VI. SPATIAL RELATIONSHIPS



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STAGE

I. OBJECTIVES/GOALS

The Stage area provides support of instructional programs, and to encourage out-of-class use of students and staff. New trends in teaching methods and new awareness of the school as a community center make stage essential auxiliary teaching and community activities spaces for the middle school.

II. ACTIVITIES AND ENROLLMENT

The activities for the programs are presentations and large group assemblies for a variety of purposes - instruction, meetings, displays, etc. A facility for teaching participation in and appreciation of, the performing arts.

III. PROGRAM SPACES

				NET SQUARE FEET			DESIGN	TOTAL
NO.	FISH						CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT		TOTAL	PER UNIT	UTILIZED
			STAGE					
	363	N-PS	Stage	990		990		
	364	N-PS	Storage	660		660		
	365/366	N-PS	Dressing (M & F)	660		660		
	367	N-PS	Control Booth	100		100		
			Subtotal	2410		2410		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. **Acoustical** – Enhanced acoustical treatment will be provided throughout.
- C. **Floor** – Standard.
- D. **Walls** – Shall meet District Standards.
- E. **Ceiling** – Shall meet District Standards.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code.

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- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a security system. Interior doors, except for restrooms, will have window(s). Provide large doors for equipment.
- I. **Water/Plumbing Fixtures** – Standard.
- J. **Communications** - Standard
- K. **Electrical** - Provide outlets for computers, printers and other equipment.
- L. **Gas and Air** - N/A
- M. **Safety** – Provide safety systems and equipment as required.
- N. **Other Considerations** -
 - 1. Adequate sound, lighting, and data systems should be provided.
 - 2. The entire front of the stage shall consist of steps down to the dining floor, for ease of access and use as choral risers.
 - 3. The rear or side of the stage shall be accessed by a ramp, linking the stage to nearby music rooms.

VI. **SPATIAL RELATIONSHIPS**

Refer to Food Service for spatial relationships.

EDUCATIONAL SPECIFICATIONS
School Board of Sarasota County
Prototype Middle School

CUSTODIAL

I. OBJECTIVES/GOALS

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

II. ACTIVITIES AND ENROLLMENT

The activities for the custodial staff are: prepare and maintain work schedules; maintain restrooms, water fountains, showers and sinks; maintain custodial equipment; and assure school grounds are kept free of litter and safety hazards.

III. PROGRAM SPACES

				NET SQUARE FEET			DESIGN	TOTAL
NO.	FISH						CAPACITY	STATIONS
SPACES	CODE		DESCRIPTION	UNIT		TOTAL	PER UNIT	UTILIZED
			CUSTODIAL					
	330	N-PS	Custodial Receiving	1,979		1,979		
	333	N-PS	Flammable Storage	155		155		
	334	N-PS	Equipment Storage	500		500		
			Subtotal	2,634		2,634		

IV. SPECIAL CONSIDERATIONS

- A. **Heating/Cooling/Ventilation** – Standard. Each space, as per district policy, will be centrally controlled by an energy management system.
- B. **Acoustical** – Standard acoustical treatment will be provided throughout.
- C. **Floor** – Standard.
- D. **Walls** – Shall meet district guidelines.
- E. **Ceiling** – The ceiling height will be a minimum of 9’ with acoustical tile panels.
- F. **Lighting** – Provide energy efficient fluorescent lighting with the capability of separate switching of rows of light.
- G. **Windows** – Standard. The windows will be operable to allow natural ventilation and/or when required by code.
- H. **Doors** – Standard. Exterior doors will be hollow metal with window(s). Doors opening to the outside of the building will also be protected by a

EDUCATIONAL SPECIFICATIONS

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security system. Interior doors, except for restrooms, will have window(s). Provide large doors for equipment access.

- I. **Water/Plumbing Fixtures** – Standard. Provide an emergency eye wash station in Custodial Central Receiving.
- J. **Communications** - Standard
- K. **Electrical** - Provide outlets for computers, printers and other equipment. Provide outlets on campus for recharge of golf carts.
- L. **Gas and Air** - N/A
- M. **Safety** – Provide safety systems and equipment as required.
- N. **Built-ins**
 - 1. Provide Metal Work Bench (24”dx8’l) in Custodial Central Receiving.
 - 2. Provide (2) Metal shelf Units (24”dx36”wx72”h) each with 4 adjustable shelves and lockable doors in Custodial Central Receiving.
 - 3. Provide (4) Metal Shelf Units (24”d x36”w x72”) each with first shelf at 24” AFF and remainder at 16” OC.
- O. **Other Considerations** –
 - 1. Use District’s typical layout for receiving, office, & custodial closets
 - 2. Allocate portion of custodial space to provide equipment storage adjacent to dining/multipurpose. Provide 4’0” door into dining.
 - 3. The number and location of custodial closets per code

VI. **SPATIAL RELATIONSHIPS**

