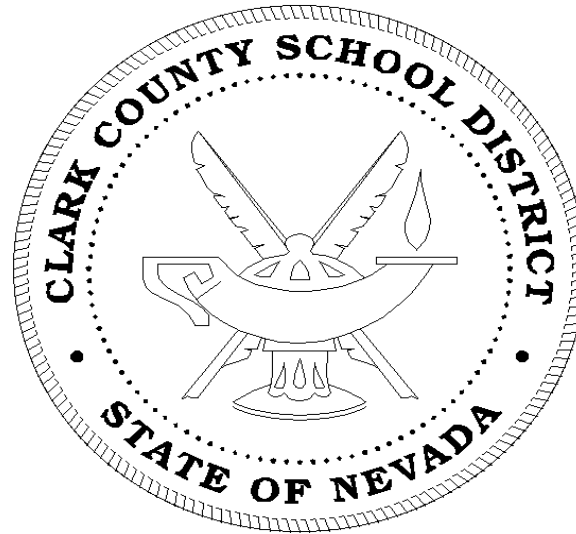


2006 MIDDLE SCHOOL PROTOTYPE

SPACE REQUIREMENTS AND SPECIAL CONDITIONS



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SPACE ALLOCATIONS FOR 1750 STUDENT MIDDLE SCHOOL		
AREA	APPROXIMATE TOTAL USABLE SQUARE FEET	
1. ADMINISTRATIVE CENTER		5,965
1.1 Principal's Area	2,030	
1.2 Deans' Area	755	
1.3 Pupil Reception, Counselors, and Health Area	2,495	
1.4 Reprographics Area	695	
2. RESOURCE MATERIAL CENTER		6,520
2.1 Library Complex	6,520	
3. STUDENT ACTIVITY CENTER		13,070
3.1 Commons Area	8,620	
3.2 Cafeteria	3,130	
3.3 Student Store	275	
3.4 Faculty Dining Room	1,045	
4. PHYSICAL EDUCATION CENTER		21,190
4.1 Gymnasium	12,380	
4.2 Girls' Area	3,555	
4.3 Boys' Area	3,555	

SPACE ALLOCATIONS FOR 1750 STUDENT MIDDLE SCHOOL

AREA	APPROXIMATE TOTAL USABLE SQUARE FEET
4.4 Instructional Rooms	1,700
5. SIXTH GRADE LEARNING CENTER	17,435
5.1 English, Foreign Language, Reading, Social Studies, and Mathematic Classrooms	10,200
5.2 Specialized Classrooms	5,610
5.3 Area Office Complex	1,220
5.4 Custodial Storage and Student Rest Rooms	405
6. SEVENTH GRADE LEARNING CENTER	17,435
6.1 English, Foreign Language, Reading, Social Studies, and Mathematic Classrooms	10,200
6.2 Specialized Classrooms	5,610
6.3 Area Office Complex	1,010
6.4 Custodial Storage and Student Rest Rooms	615

SPACE ALLOCATIONS FOR 1750 STUDENT MIDDLE SCHOOL		
AREA	APPROXIMATE TOTAL USABLE SQUARE FEET	
7. EIGHTH GRADE LEARNING CENTER		17,460
7.1 English, Foreign Language, Reading, Social Studies, and Mathematic Classrooms	10,200	
7.2 Specialized Classrooms	5,610	
7.3 Area Office Complex	1,250	
7.4 Custodial Storage and Student Rest Rooms	400	
8. FINE AND PERFORMING ARTS CENTER		4,875
8.1 Drama and Music Classrooms	4,875	
9. THEATER CENTER		1,975
9.1 Little Theater Complex	1,975	
10. ARTS & TECHNOLOGY CENTER		4,800
10.1 Technology + Multipurpose Classrooms	1,590	
10.2 Multipurpose Classrooms	1,730	
10.3 Art/Crafts	1,480	

SPACE ALLOCATIONS FOR 1750 STUDENT MIDDLE SCHOOL

AREA	APPROXIMATE TOTAL USABLE SQUARE FEET	
11. MAINTENANCE AND OPERATIONS CENTER		2,410
11.1 Maintenance and Operations Area	2,410	
Approximate Usable Square Feet (75%)		113,135
Approximate Rest Room, Structural, Mechanical, and Circulation (25%)		36,865
Approximate Gross Square Feet (100%)		150,000

FACILITY CONSIDERATIONS

- 1. 1750 student population.**
- 2. 15 full-time employees in the administrative center.**
- 3. 68 classroom teachers.**
- 4. 30+1T (under the Unit Cap column) means (30) students plus (1) teacher.**
- 5. Handicapped accessibility throughout the facility, use the latest ADA requirements and Nevada Accessibility Standards.**
- 6. Provide individual classroom lighting control at all entrance / exit doors to darken classrooms for video presentations and provide switching for emergency lighting tied to the security system.**
- 7. Provide individual classroom HVAC zoning.**
- 8. Provide an Energy Management System with 15% expansion capability as directed by CCSD Energy Manager. System should allow control from both the school maintenance center and the centralized school district Energy Management Control Center. Include a panel with an adjacent phone outlet.**
- 9. Any interior school area that will accommodate 50 or more persons in an assembly, should be provided with assistive listening devices, equivalent to the infrared ALS system.**
- 10. Visual / horn-type fire alarm device in all classrooms, library, commons, gymnasium, and all other areas as required by code. Locate in standard visible areas for all classrooms.**

FACILITY CONSIDERATIONS - Continued...

- 11. Provide zinc raised metal signs for an interior signage package to consist of (1) room number(s) and room usage signage to meet the requirements of Section 504 of the Federal Rehabilitation Act, ANSI Act 117.1 (1980) and U.S. Public Law 92-112 (1986); and (2) directional signage to indicate locations(s) of rooms coming from the office and “to office” signs from the exterior doors back to the office. Signage should meet ADA requirements.**
- 12. All office or classroom windows facing the exterior should receive interior one-touch vertical blinds. The Health Room windows should receive interior one-touch horizontal blinds.**
- 13. Glass block should be impact resistant.**
- 14. Provide programmable master clock / intercom system.**
- 15. Provide telephone wiring infrastructure.**
- 16. Fire extinguisher cabinets should be recessed except in locations that are concrete or concrete masonry walls, where the cabinets are to be surface mounted.**
- 17. Do NOT install fire alarms next to exterior exit doors.**
- 18. Provide a CCTV System (surveillance cameras) for hallways, interior courtyard, bus loading, basketball and tennis courts, field areas, and entrance gates.**
- 19. Ensure that any wall hung lavatories and associated cabinetry that is suspended receive additional support to avoid pulling away from the wall.**

FACILITY CONSIDERATIONS - Continued...

- 20. Do NOT provide paper towel disposals in any rest rooms.**
- 21. Mop sinks adjacent to sheet rock / furred walls should have a ceramic tile to wainscot height on the two adjacent walls (surrounding the mop sink).**
- 22. A/E and Consultants must ensure coordination with other disciplines, i.e.; marker / tackboards, coat racks, too near sinks / door etc. when placing how data, fire alarm, etc. devices are located.**
- 23. All interior drinking fountains and electric water coolers should have ceramic or vinyl tile floor under the wall-mounted unit a minimum of 2 feet out from the wall. Provide wall behind fountain or cooler with ceramic tile wainscot.**
- 24. Student drinking fountains should not be electric water coolers. Provide ADA compliance model design that minimizes spillage over the edge.**
- 25. All electrical receptacles within 6 feet of water should be GFIC (Ground Fault Interrupt Connection).**
- 26. All rest room should be vented to the outside.**
- 27. Provide trap primer at all floor drains.**
- 28. Provide tempered water for all rest room sinks and other areas as specified in this document.**
- 29. The bottom of wall-mounted writing surfaces and tackboards are 3' 0" A.F.F. to bottom of curve unless otherwise indicated. (Locate 3' 7" A.F.F. above plugmold, counters, and library bookcases.)**
- 30. All corridor flooring should be carpet.**

FACILITY CONSIDERATIONS - Continued...

- 31. Provide kick plates on all doors.**
- 32. Provide a support structure above the ceiling with two chains with hooks for a (OFOI) 6' x 6' projection screen to be hung in front of the dustless writing surface. Hooks should be 10" from the wall. *(No NOT support from the ceiling grid system.)***
- 33. Do NOT place any electrical equipment of electrical room adjacent to the MDF Room (Head End Room) or IDF / BTB locations.**
- 34. Security Keypad should be located in the following areas:**
 - A) Reception by the Principal's Office**
 - B) Entrance door into the Faculty Dining Area**
 - C) Kitchen Receiving Area**
 - D) Security Office**
 - E) Data / Telecom / IDF Room**
- 35. All classroom ITV / CTV outlets to be installed at ceiling-mounted projector locations.**
- 36. Provide a separate roof antenna, conduit and roof support for ITV / CTV systems. Provide conduit, roof penetration and satellite dish support at the roof near the , MDF Room (Head End Room).**

FACILITY CONSIDERATIONS - Continued...

- 37. Provide an MDF (Head End Room) in a central location within the facility. This room shall support the following systems: Data, ITV / CTV, telecommunications, clock / intercom, EMS, fire system, and UPS. Size the room and provide cabinets(s) / racks(s) quantities as required by CCSD - Networking Services.**
- A) The MDF (Head End Room) shall be maintained at 74 degrees Fahrenheit year round.**
 - B) The MDF (Head End Room) electrical power shall be supported by Ups Tied into the site life / safety backup generator.**
 - C) Provide data wiring infrastructure.**
 - D) Provide electrical power within the MDF (Head End Room) to support all required equipment / infrastructure.**
- 38. Provide IDF Room(s) as needed to limit the length of copper data cabling (less than 270 feet). Size the room(s) and provide cabinet(s) / rack(s) quantities as required by CCSD - Networking Services.**
- A) Provide fire rated backboard within the IDF Room for telephone, ITV / CTV and security wiring.**
 - B) Provide electrical power within the IDF Room for the ITV / CTV system and for each cabinet / rack to be installed.**
 - C) Provide ladder tray for cable management within the IDF Room above the cabinet / rack and below the ceiling line.**
- 39. Minimum conduit size for copper data cabling shall be 1 inch.**

FACILITY CONSIDERATIONS - Continued...

- 40. Minimum conduit size for (four) pair telephone cabling shall be 3/4 inch.**
- 41. Conduit each IDF Room to the MDF (Head End Room) with multiple conduits:**
 - A) Minimum (1) 4 inch - Fiber Optic Cable with Innerduct.**
 - B) Minimum (1) 2 inch - ITV / CTV.**
 - C) Minimum (1) 1 ½ inch - Security.**
 - D) Quantity: (2) 2 inch - Spares.**
- 42. In the MDF (Head End Room) and each IDF Room, ensure that each cabinet / rack and ladder tray are properly grounded.**
- 43. For the latest CCSD conduit, cable and wiring methods for data, telephone, ITV / CTV, and clock / intercom / security (CIS) wiring, please review specifications with CCSD - Networking Services.**
- 44. Provide one duplex electrical outlet adjacent to each individual data port.**
- 45. Acoustic guidelines for areas with special sound attenuation needs.**
 - A) Common's area (3.11) should accommodate a wide range of functions with various acoustic requirements.**
 - 1. Provide a balanced reverberation time (or utilize adjustable absorption) to accommodate intended use functions.**

FACILITY CONSIDERATIONS - Continued...

- 2. Provide moderate to high levels of sound isolation.**
 - 3. Distribute sound absorptive wall treatment throughout the room.**
 - 4. Mitigate background (ambient) sound levels from HVAC equipment and air distribution system to accommodate the acoustic criteria for the most stringent use function.**
- B) Conference team meeting rooms (1.22), (5.31), (6.31), (7.31), and some offices (1.21), (1.23), (1.32), (1.34) (1.37) should maximize sound isolation to accommodate confidential conferences.**
- 1. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.**
 - 2. Provide moderately absorptive ceiling and wall treatment.**
- C) Theater (9.11), (9.12) should maximize speech intelligibility and sound isolation.**
- 1. Splay ceiling and side walls at the front of the room.**
 - 2. Provide sound absorbing rear wall treatment.**
 - 3. Mitigate reverberation for a balanced acoustic quality live enough to promote sound projection; dead enough to avoid unwanted reflections.**
 - 4. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.**

FACILITY CONSIDERATIONS - Continued...

5. **Mitigate background (ambient) sound levels from HVAC equipment and air distribution system.**
 6. **Provide gasketed doors or sound isolating doors or vestibules.**
- D) Music rooms (8.11), (8.12), (8.13), and (8.14) should maximize sound isolation for non-disturbance of nearby classrooms. Chorus room ceiling needs to be high enough to accommodate three-tier risers.**
1. **Mitigate reverberation for a balanced acoustic quality live enough to promote sound projection; dead enough to avoid unwanted reflections.**
 2. **Provide a high degree of sound isolation at walls and floor / ceiling construction (sound transmission class may not be applicable due to low-frequency noise).**
 3. **Mitigate background (ambient) sound levels from HVAC equipment and air distribution systems.**
 4. **Provide gasketed doors or sound isolating doors or vestibules.**
- E) Noisy rooms such as reprographics room (1.41), data communications equipment room (head-end room) (2.14), computer rooms with printers (2.15), (5.21), (6.21) and (7.21) and mechanical equipment rooms should reduce interior sound levels and maximize sound isolation.**
1. **Provide sound absorptive ceiling and wall treatment.**
 2. **Provide a high degree of sound isolation at walls and floor / ceiling construction (sound transmission class may not be applicable due to low-frequency noise).**
 3. **Mitigate background (ambient) sound levels from HVAC equipment and air distribution systems.**

FACILITY CONSIDERATIONS - Continued...

- 4. Provide gasketed doors or sound isolating doors or vestibules.
- F) Classrooms should minimize sound transmission from nearby classrooms.
- G) Library should minimize sound transmission from nearby classrooms.
 - 1. Distribute sounds absorptive wall treatment throughout the room walls and ceiling.
- 46. Locate weather station above the science area with 3/4 inch conduit leading from the antenna back to each science classroom and science prep / storage room.
- 47. Semi-gloss paint must be provided for finish surfaces throughout.
- 48. Interior doors to offices, classrooms, library, etc., should have observation windows 8 inches wide by 3 feet long as a minimum unless otherwise indicated in the Ed. Specs.
- 49. 1750 student academic lockers (12" wide x 16" deep x 60" high, double tier). Lockers should relate to grade levels.
- 50. Area on site with pad to provide conduit and satellite dish support.

FACILITY CONSIDERATIONS -

EXTERIOR AREAS

- 101. Provide school name and street address in metal lettering located at the front of the school high upon the wall and easily visible from the street. Street address numbers should also be located on the roof.**
- 102. Provide a flagpole and dedication plaque located at the front of the school in a visible location.**
- 103. Provide school bus loading / unloading for (12) buses minimum.**
- 104. Provide faculty, staff, and visitor parking for a minimum of 120 vehicles.**
- 105. Paint appropriate curb red and mark as “No Parking - Fire Lane.”**
- 106. Provide lighting in all parking and bus areas.**
- 107. Provide a bike-rack enclosure. (Approximately 3,200 square feet, 20 bicycles per rack, inside a 8 foot fence.) Install gates at accesses.**
- 108. Place vandal-resistant hose bibs on each side of the building and courtyard for wash down of areas. Place vandal-resistant quick coupler valves in outlying areas where flexibility is needed and a hose bib may be inappropriate.**
- 109. Ensure external speaker(s) (for communication from the office) in the interior courtyard area and one external speaker on each exterior side of building towards the basketball and tennis courts and fields to enable students to hear school alarms, recalls, and messages.**
- 110. Electrical, fire alarm, intercom, and data and ITV / CTV conduit connections for siting (4) future portable classrooms. (Portables should be sited to face the school, therefore, stub-up and pull boxes for connections should be as per CCSD Construction Management and Maintenance current specifications.)**

FACILITY CONSIDERATIONS - Exterior Areas Continued...

- 111. All fencing to be galvanized. (No vinyl coated fencing.)**
- 112. Ensure any exterior area that can be used for hiding to be fenced off.**
- 113. Any external, appurtenances should not be accessible to enable students to climb up to the roof.**
- 114. Exterior roof drain down spouts should be located away from exterior doorways.**
- 115. Provide 32 foot wide gate for future portable classrooms mobile access from the street near portable location on site.**
- 116. Provide a level turf area 185 feet wide by 320 feet long for a future soccer field.**
- 117. Provide water isolation valves for separate building areas.**
- 118. Provide gated dumpster trash enclosure area for three dumpsters with automatic night controlled lighting and a hose bib for area wash down.**
- 119. Provide power type can wash near the dumpsters.**
- 120. Provide exterior drinking fountains with at least (3) bubblers on all sides of the building (excluding the front of the school). Include vandal-resistant hose bib under the fountains.**
- 121. Fire hydrants should not be located in the asphalt or field turf areas.**
- 122. Public telephone booths; (1) in area outside of the theater / main school entrance gates and (1) outside main gym entrance.**

FACILITY CONSIDERATIONS - Exterior Areas Continued...

- 123. Verify conformance with noise protection requirements as applicable, (i.e. airport traffic area).**
- 124. Provide one 20' x 40' shade structure.**

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.1 Principal's Area			2,030	Total Sq. Ft. + Rest Rooms
1.11 Reception Area	2	1	630	<p>Not related to gym. Main public entrance. Relate to principal's area (1.2). Area for seating of twelve people. Reception counter. One 4' x 4' wall-mounted tackboard. Four floor and wall data/telephone outlets per matrix for computer networking conduit with cable back to the central computer rack. Two duplex outlets near each data outlet. Other duplex outlets per code. One ITV outlet. Four phone outlets per matrix near data outlets. Master clock/intercom/telephone console/fire alarm and annunciator panel. Two electric water coolers (1) with maximum 36" to spout and (1) with handicap access and push action for water. Carpet on floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
1.1 Principal's Area - Continued...					
1.12	Principal's Office	1	1	225	<p>Relate to reception area (1.11). Teacher traffic. Limited student traffic. Direct access to secretarial office (1.14). Direct access to conference room (1.13). Door to office <i>should not</i> have a window. Two duplex outlets on each wall. Three computer outlets for computer networking conduit with cable back to the central computer rack. One ITV outlet. One CTV outlet. Phone outlets as per matrix (one near data outlet). One clock outlet. Sound attenuation and sound isolation. Carpet on floor.</p>
1.13	Principal's Conference Room	16	1	290	<p>Direct access from principal's office (1.12). Convenient to assistant principal's office (1.15). Door to room <i>should not</i> have a window. Seating for sixteen at a 12' x 4' conference table. One 4' x 8' wall-mounted dustless writing surface at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall). One 4' x 8' wall-mounted tackboard. Two duplex outlets on each wall.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.1 Principal's Area - Continued...				
1.13				<p>Principal's Conference Room - Continued...</p> <p>Computer networking conduit with cable back to the central computer rack. One ITV outlet wall mounted at 96" A.F.F. One CTV outlet wall mounted at 96" A.F.F. One phone outlet near data outlet. Sound attenuation and isolation. Carpet on floor.</p>
1.14		1	120	<p>Office Manager</p> <p>Convenient to reception area (1.11). Controls access to principal's office (1.12) and conference room (1.13). One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. One wall with minimum of three duplex outlets. Space for computer work station (min. configuration 84" x 108") include floor outlets for desk, computer, and telephone per matrix. Computer networking conduit with cable back to the central computer rack on one wall behind desk work station. Phone outlets per matrix near each data outlet. Carpet on floor.</p>
1.15		1	150	<p>Assistant Principal's</p> <p>Relate to reception area (1.11).</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.1 Principal's Area - Continued...				
1.16 Workroom	2	1	140	<p>Accessible to all in the administrative center. Built-in work counter, 34" A.F.F., on one wall, with lockable undercounter storage and abovecounter duplex outlets every 3' to support coffee pot and other small electrical appliances. Sink with hot and cold water. Two duplex outlets on each remaining wall. Dedicated circuit for console-mounted copier. Computer networking conduit with cable back to the central computer rack. One phone outlet on wall opposite counter. Vinyl tile floor.</p>
1.17 General Storage Room	-	1	375	<p>Storage for school supplies. 4' wide door. Provide hallway delivery entrance. Two duplex outlets. One data outlet. One phone outlet near data outlet. Vinyl tile floor.</p>

1. ADMINISTRATIVE CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.1	Principal's Area - Continued...				
1.18	Mens' Rest Room	-	1	Non-assignable	Administrative center and public access (15 full-time employees and visitors). One GFIC duplex outlet near sink. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.
1.19	Womens' Rest Room	-	1	Non-assignable	Administrative center and public access (15 full-time employees and visitors.) One GFIC duplex outlet near sink. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
1.1	Principal's Area - Continued...				
<hr/>					
1.20	Custodial Storage Room	-	1	100	Custodial storage mop sink with hot and cold water, mop rack and ceramic tile wainscot either side if walls are drywall. Two duplex outlets. One phone outlet. Vinyl tile floor.

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.2 Deans' Area			755	Total Sq. Ft. + Rest Rooms + Secured Area
1.21 Deans' Reception Area	12	1	470	<p>Accessible from administrative center.</p> <p>Area for seating of nine people.</p> <p>Space for computer work station (min. configuration 84" x 108").</p> <p>Two 4' x 8' wall-mounted tackboards.</p> <p>Two duplex outlets on each wall.</p> <p>Phone outlets per matrix (one near data outlet).</p> <p>One clock outlet.</p> <p>Two intercom speakers.</p> <p>Two electric water coolers (1) with maximum 36" to spout and (1) with handicap access and push action for water.</p> <p>Carpet on floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.2 Deans' Area - Continued...				
1.24 Deans' Offices	1	2	180	<p>Relate to Dean's reception area (1.21). Door to office <i>should not</i> have a window. One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack. Phone outlets per matrix (one near data outlet). One clock outlet. Sound attenuation and sound isolation. Carpet on floor.</p>
1.25 Assistant Principal Office	1	1	105	<p>Relate to Dean's reception area (1.21). Door to office <i>should not</i> have a window. One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack. Phone outlets per matrix (one near data outlet). One clock outlet. Sound attenuation and sound isolation. Carpet on floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.3 Pupil Reception, Counselors and Health Area			2,495	Total Sq. Ft. + Rest Rooms + Secure Area
1.31 Pupil Reception Area	1	1	850	<p>Area for seating of twelve people. Built-in reception counter, 42" A.F.F. on the reception side and 27" A.F.F. on the working side, with electrical and undercounter storage with lockable bank drawer. Space for computer work station (min. configuration 84" x 108"). One 4' x 8' wall-mounted tackboard. Two duplex outlets on each wall. Dedicated circuit for computer. Computer networking conduit with cable back to the central computer rack per matrix. 3/4" antenna conduit to the roof and power for VHF transceiver base radio station. Phone outlets per matrix (one near data outlet). Carpet on floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
1.3 Pupil Reception, Counselors and Health Area - Continued...					
1.32	Counselors' Offices	2	5	600	<p>Relate to pupil reception area (1.31). One 4' x 4' wall-mounted tackboard. Computer networking conduit with cable back to the central computer rack. Two duplex outlets on each wall. Phone outlets per matrix (one near data outlet). Sound attenuation and isolation. Carpet on floor.</p>
1.33	Record Vault	-	1	80	<p>Confidential record storage (fireproof, vault should have a 1-hour fire door). Area for 14 each, 4-drawer, 18.5" wide legal file cabinets. Floor safe (approximately 2 cu. ft. prefer rectangular and maximum approximately 12 inches below floor level). One data outlet near phone. One phone outlet, 48" A.F.F., near the door. Vinyl tile floor. Secured area.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
1.3 Pupil Reception, Counselors and Health Area - Continued...					
1.34	Itinerant Staff Office	1	1	120	<p>Relate to pupil reception area (1.31). One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack. One phone outlet per matrix near data outlet. Carpet on floor.</p>
1.35	Counselors Room	12	1	225	<p>Relate to pupil reception area (1.31). One 4' x 8' wall-mounted marker board. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet per matrix near data outlet. Sound attenuation and isolation. Carpet on floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.3 Pupil Reception, Counselors and Health Area - Continued...				
1.36 Health Services Area				Secure Area
1.36.1 First Aid Workroom	1	1	520	<p>Relate to dean's and counselor's separate pupil personnel reception areas (1.24) (1.32). Doorway should be handicapped accessible (3'4" minimum). Built-in work counter, 34" A.F.F., with work light under the abovecounter shelving but over the sink area (sink should not be behind the door), hot and cold water (eye wash on faucet), abovecounter electrical plugmold, undercounter storage with adjustable shelving, lockable doors, and lockable drawers. Abovecounter lockable storage. Four double prong clothes hooks. One 4' x 4' wall-mounted tackboard. Area and power for 6 cu. ft. refrigerator/freezer. Two duplex outlets on each remaining wall. Computer networking conduit with cable back to the central computer rack per matrix. Phone outlets per matrix. Non-textured <i>painted enamel</i> walls. Vinyl tile floor.</p>

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.3 Pupil Reception, Counselors and Health Area - Continued...				
1.36.2 Health Office	1	1	100	<p>Direct access to first aid work/couch room (1.36.1) (1.36.3). Door on office entrance. Visual supervision of (1.36.1) (1.36.3) from office. One duplex outlet on each wall. Computer outlet with phone outlet for modem. Phone outlet near computer outlet. Vinyl tile floor.</p>
1.36.3 First Aid and Couch Room	3	1	Included in First Aid Workroom	<p><i>Visual supervision from office(1.36.2)/first aid workroom (1.36.1).</i> Sized to accommodate two 6' couches. Drapes for couch isolation. Used for therapy, examination, and rest. One double prong clothes hook on the back of the door. One duplex outlet on each wall. Data outlets per matrix. Phone outlets per matrix. Non-textured <i>painted enamel</i> walls. Vinyl tile floor.</p>

1. ADMINISTRATIVE CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.4	Reprographics Area			695	Total Sq. Ft. + Secured Area
	1.36.4 Mens' Student Rest Room	-	1	Non-assignable	Support of students visiting the health services area (1.38). Include space for a chair. One double prong clothes hook on the back of the door. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.
	1.36.5 Womens' Student Rest Room	-	1	Non-assignable	Support of students visiting the health services area (1.38). Include space for a chair. One double prong clothes hook on the back of the door. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.
	1.36.6 Students' Shower Room	-	1	Non-assignable	Handicapped accessible with flex hose, grab bars, fold up shower seat, and other accessories to meet code. Ceramic tile walls and floor.
1.41	Reprographics Room	1	1	695	Relate to teacher traffic.

1. ADMINISTRATIVE CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
1.4 Reprographics Area			695	Total Sq. Ft. + Secured Area
				<p>Built-in work counter, 34" A.F.F., 30" deep, on two walls including sink with <i>hot and cold water</i>, undercounter lockable storage, abovecounter electrical plugmold (24" O.C.), and abovecounter lockable storage.</p> <p>Service counter 34" A.F.F. 30" wide with gate, separating teachers/students from work area and undercounter storage with data and phone outlets on one end near the wall.</p> <p>One computer station, 27" A.F.F., 30" deep and 36" wide, on third wall with computer networking conduit and cable back to the central computer rack.</p> <p>a minimum of ninety (90) mailboxes (12" wide x 15" deep x 4" high) for faculty and staff in the administrative building area. (Additional mailboxes if area permits.)</p> <p>Area for shelving unit to stock paper.</p> <p>Area for one hazardous storage cabinet.</p> <p>One 4' x 8' wall-mounted tackboard.</p> <p>Electrical (220v 20 amp dedicated CB) for offset press.</p> <p>Power in floor for offset press in central area of the room.</p> <p>Exhaust hood for offset press in central area of the room.</p> <p>Duplex outlets on non-counter walls.</p> <p>Quadraplex outlets related to desk locations and two data outlets.</p> <p>Two phone outlets per matrix (one near office data outlet).</p> <p>Sound attenuation.</p> <p>Carpet/vinyl tile on floor.</p>

2. RESOURCE MATERIAL CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
2.1	Library Complex		6,520	Total Sq. Ft. + Secured Area	
2.11	Main Library	100	1	4,400	<p>Direct access by students. Main entrance/exit to corridor or atrium with a book security system. Book Detection Security System (CFCI). If necessary, provide a wall for the book security system full height, fire rated, wood framed so as not to interfere with the system's electronics and to prevent walking and/or throwing of books around the detection system. Other exits need door alarms. <u>Visual supervision from charging desk.</u> Charging desk with work station for computerized library with phone outlet, four computer outlets, and three duplex outlets for a computer, printer, typewriter, and time/date stamp. (Include one data outlet on side of back wall behind charging desk.) Provide book drop on wheels within the charging desk. Built-in computer counter 20' long x 30" deep x 27" A.F.F. with a 3'0" wide x 30" deep x 28½" A.F.F. handicapped accessible station. Book stack area for 15,000 volumes. Reading, study area for 40 students. Newspaper/magazine area for 40 students. Three 4' x 8' wall-mounted tackboards, one mounted near the entrance. Four duplex outlets on back wall behind the charging desk. Duplex outlets every 15 feet on walls or per code if distance is shorter. Appropriate power to support all data outlets.</p>
2.11	Main Library - Continued...				

2. RESOURCE MATERIAL CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
2.1	Library Complex - Continued...			<p>Six student computer outlets on one wall for computer networking conduit cable back to the central computer rack per matrix.</p> <p>Provide one additional computer networking conduit with cable at the charging desk on the three other adjacent walls back to the central computer rack per matrix.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit on wall behind the charging desk.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below) on wall behind the charging desk.</p> <p>Horn and light indicator for fire alarm.</p> <p>Sound isolation.</p> <p>Carpet on floor.</p>

2. RESOURCE MATERIAL CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
2.1	Library Complex - Continued...				
<hr/>					
2.12	Library Office	1	1	115	Librarian and part-time aide. Direct access from main library (2.11). Relate to charging desk (2.11). <u>Visual supervision of library</u> (2.11). One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. One computer outlet with networking conduit and cable back to the central computer rack. One phone outlet per matrix near data outlet. Carpet on floor.

2. RESOURCE MATERIAL CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
2.1 Library Complex - Continued...				
2.13 Audiovisual/ITV Distribution Room	-	1	560	<p>4' 0" wide door to exterior. Access to hallway or atrium. Direct access from main library (2.11). Relate to library office (2.12). Used for audiovisual equipment storage, circulation, retrieval, and maintenance. Built-in work counter, 34" A.F.F., 30" deep, the length of one wall with sink, hot/cold water, abovecounter electrical plugmold (24" O.C.), lockable cabinets, and undercounter lockable storage. Three duplex outlets on each remaining wall. One computer outlet near the entrance door to (2.11) main library with computer networking conduit with cable back to the central computer rack. ITV signal distribution to rooms in school over work counter. One ITV outlet above the built-in work counter. One CTV outlet above the built-in work counter. One phone outlet near the data outlet. One phone outlet near the entrance door to (2.11) main library. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Vinyl tile floor. Secured area.</p>

2. RESOURCE MATERIAL CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
2.1	Library Complex - Continued...				
2.14	Data Communications Equipment Room (Head-End Room)	-	1	260	Storage of equipment to support the computer networking program for the facility. Storage of equipment to support the telephone system. One data outlet per matrix. One ITV outlet. One CTV outlet. One phone outlet per matrix near data outlet. Provide HVAC supply and return air. Vinyl tile floor.
2.15	Computer Science	30+1T	1	1,185	Relate to main entrance of library (2.11). Provide work stations for 32 students and 8 printers, each should be 30" wide, 30" deep, and 27" A.F.F. with three electrical outlets (dedicated circuit). Include one HCP work station (total 80 L.F. of counter on perimeter walls). Provide one teacher station 28.5" A.F.F. 12' wide at the front of the room. Three 4' x 8' wall-mounted dustless writing surfaces located at the front of the classroom. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall). Two 4' x 8' wall-mounted tackboards, one near an entrance. Three duplex outlets on each wall.
2.15	Computer Science - Continued...				Master switch control for computers at the teacher's station.

2. RESOURCE MATERIAL CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
2.1 Library Complex - Continued...				<p>(non-accessible to students). Computer networking conduit w/cable back to the central computer rack. (Configuration to be determined by CCSD and matrix). Ensure raceway computer wiring is included within the room. Local area computer networking conduit providing continuity around all doors to teachers work station, and connecting all four classrooms (2.15), (5.21), (6.21), and (7.21). Isobar surge protection for computers. One phone outlet under the clock, 48" A.F.F., near main entrance. One phone outlet for modem at the teacher's station. One clock 7'2" A.F.F. to the bottom of the unit near the main entrance. One intercom 7'2" A.F.F. to the bottom of the unit (with call button 48" A.F.F. directly below.. Sound attenuation. Carpet on floor. Secured room.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.1 Commons Area			8,620	Total Sq. Ft. + Rest Rooms
3.11 Commons Area	650	1	8,430	<p>Multi-purpose area for student functions including dining, lounging, studying, testing, and dancing. Relate to food service area. Built-in trophy case approximately 10' wide x 18" deep x 5' high centered vertically on the wall approximately 18" A.F.F. Presentation area (approximately 400 sq. ft.) with overhead track spotlights, commons area P.A. system, and four duplex outlets to accommodate a dance band appropriately located. Assistive listening systems for hearing impaired. Infra red in conjunction with the P.A. systems to accommodate a minimum of six receivers. Wall-mounted duplex outlet every 15 feet. Provide data outlets per matrix. Two clocks. Two intercoms. Sound attenuation. Vinyl tile floor.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.1 Commons Area - Continued...				
3.12	Mens' Student Rest Room -	1	Non-assignable	<p>Support of students in 3.11. Open door type (visible entry door), with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>
3.13	Womens' Student Rest Room -	1	Non-assignable	<p>Support of students in 3.11. Open door type (visible entry door), with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.1 Commons Area - Continued...				
3.14 Custodial Office	-	1	190	<p>Easy access to 3.11.</p> <p>Custodial storage.</p> <p>Mop sink with hot and cold water and mop rack. (If side walls are drywall, include ceramic tile wainscot on both sides.)</p> <p>One 4' x 4' wall-mounted tackboard, 2'7" A.F.F., to the bottom edge of the board.</p> <p>Two duplex outlets on each wall.</p> <p>Computer networking conduit (away from wall ladder) with cable back to the central computer rack.</p> <p>One phone outlet (away from roof ladder).</p> <p>One clock (away from roof ladder).</p> <p>One intercom with call button directly below at desk area.</p> <p>Vinyl tile floor.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.1 Cafeteria Area			3,130	Total Sq. Ft. + Rest Rooms
3.21 Kitchen/Food Service	-	1	2,045	<p>Serving of dinners and banquets. Area for food preparation and serving of 1,000 students in two shifts. One 4' outside delivery door. Install air curtain to delivery door at kitchen area for energy conservation and insect control during delivery of food items. Bell ringer in the kitchen for the delivery door and an exterior buzzer and peep hole in the delivery door. Bell ringer in kitchen wired to manager's office phone outlet (3.21.4). Three clocks 7'2" A.F.F. to the bottom of the unit. Three intercoms 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Quarry tile floor. Secured area.</p>

3. STUDENT ACTIVITY CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.2	Cafeteria - Continued...				
	3.21.1 Walk-in Refrigerator	-	1	275	Quarry tile floor.
	3.21.2 Walk-in Freezer	-	1	275	Quarry tile floor.
	3.21.3 Dry Storage	-	1	295	Sealed concrete floor.
	3.21.4 Manager's Office	1	1	120	Direct access to (3.21). <u>Visual supervision of kitchen.</u> Floor safe (approximately 2 cu. ft.). Prefer floor safe to be rectangular and maximum of 12" below floor level. One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. One phone outlet. One bell ringer wired to phone outlet for exterior delivery door. One clock. One intercom. Vinyl tile floor. Secure area.

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.2 Cafeteria - Continued...				
3.21.5 Cafeteria Staff/ Lounge Rest Room	-	1	120 for lounge.	<p>Direct access by kitchen staff. Support for five full-time employees. One 4' x 4' wall-mounted tackboard. One phone per matrix. One clock 72" A.F.F. One intercom 72" A.F.F. with call button 48" A.F.F. near desk area. Vinyl tile floor.</p> <p>Non-assignable for RR Lockable door. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). Sanitary napkin dispensers/disposals. 4' ceramic tile wainscot. Ceramic tile floor.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.3 Student Activity Room			275	Total Sq. Ft. + Secured Area
3.31 Student Store	-	1	205	<p>Direct access from commons area (3.11). Built-in counter on one side wall, (side opposite the door entrance), 34" A.F.F., 24" deep, with abovecounter electrical plugmold and lockable undercounter storage with sink with hot and cold water to meet code. Area and space for shelving to display items. Two lockable, sliding windows with counter, (2'10" A.F.F. approximately 1' either side of window) for purchases from commons area (3.11) with two duplex outlets for cash registers. Lockable banker's drawer for each window. One 4' x 4' wall-mounted tackboard. Area and power for one 21 cu. ft. refrigerator and one 21 cu. ft. freezer. Three duplex outlets on remaining wall. Computer networking conduit with cable back to the central computer rack. One phone outlet, 48" A.F.F., by the door. One clock 7'2" A.F.F. to the bottom of the unit. Vinyl tile floor. Secured area (ceiling, door, windows).</p>
3.31.1 Storage Room	-	1	70	<p>Area for shelving on all walls. One duplex outlet. Vinyl tile floor.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Function and Special Considerations
3.4			1,045	Total Sq. Ft. + Rest Rooms
3.41	60	1	1,045	<p>Direct access served out of the kitchen. Isolate as much as possible from student traffic. Built-in counter, 34" A.F.F., 24" deep, double sink with hot and cold water, disposal, abovecounter and undercounter storage. Area and power for two larger vending machines, stove/range (220v), and 21 cu. ft. refrigerator/freezer. <u>Contractor</u> to provide power for range hood. <u>Contractor</u> to provide a recirculating hood over the range/oven. Three abovecounter duplex outlets for microwave, coffee pot, etc. One 4' x 8' wall-mounted markerboard. One 4' x 8' wall-mounted tackboard. Provide privacy telephone area with side walls, a 27" A.F.F. counter for the phone and a phone outlet against one wall. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack. Isobar surge protection for computer. One ITV outlet mounted at 18" A.F.F. with support duplex outlet in one corner of the room. One CTV outlet mounted at 18" A.F.F., with support duplex outlet in one corner of the room.</p>

3. STUDENT ACTIVITY CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
3.4	Faculty Dining Room - Continued...			
<hr/>				
3.41	Faculty Dining Room/Lounge - Continued...			<p>One Clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom the unit (with a call button 48" A.F.F. directly below). Two electric water coolers: (1) with 36" to spout and (1) with handicap access and push action for water. Carpet on floor except around the sink/counter area, which is to be vinyl tile.</p>

3. STUDENT ACTIVITY CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
3.4 Faculty Dining Room - Continued...					
3.41.1	Mens' Staff Rest Room	-	1	Non-assignable	Support of faculty and staff. Direct access from faculty dining room. Urinals, toilets, and lavatories to meet code. One GFIC duplex outlet. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.
3.41.2	Womens' Staff Rest Room	-	1	Non-assignable	Support of faculty and staff. Direct access from faculty dining room. Water closets, lavatories, etc. to meet code. One GFIC duplex outlet. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal. 4' ceramic tile wainscot. Ceramic tile floor.

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
4.1	Gymnasium		12,380	Total Sq. Ft. + Rest Rooms	
4.11	Gymnasium Vestibule Entrance	-	1	Non-assignable	Relate to parking. Exterior lighting. Serve as secondary public entrance. Electric water coolers. Rubberized entry mat.
4.12	Mens' Spectator Rest Room	-	1	Non-assignable	Direct access from gym and exterior turf and playground area. Support of 1,200 capacity gym. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.
4.13	Womens' Spectator Rest Room	-	1	Non-assignable	Direct access from gym and exterior turf and playground area. Support of 1,200 capacity gym. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.

4. PHYSICAL EDUCATION CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.1	Gymnasium - Continued...				
4.14	Custodial Storage	-	2	200	Relate one each to girls' and boys' locker entrances, (4.21 and 4.31). Custodial storage with mop sink with hot and cold water, mop rack and ceramic tile wainscot on either side if walls are drywall. Two duplex outlets. One phone outlet. Vinyl tile floor.

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.1 Gymnasium - Continued...				
				<p>NOTE: ALL ATHLETIC FIELDS SHOULD CONFORM TO THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS STANDARDS.</p>
4.15 Gymnasium Floor	1,200	1	11,220	<p>Basketball court specifications are contained in Appendix B. (One main court, two cross courts.) Volleyball courts specifications are contained in Appendix C. Provide seating capacity for 1,200 persons. Seating should be retractable, motorized and affixed to the walls that run parallel to the main basketball court. Main basketball court to be 50' wide x 84' long with a 10' safety zone between end lines and walls. At least 5' unobstructed space along the length of the court is preferred. Main court backboards should be rectangular glass (6' x 4') with breakaway rims. Two cross courts. Cross courts backboards should be steel fanned-shaped (54" wide) with double ring rims.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.1 Gymnasium - Continued...				
4.15 Gymnasium Floor - Continued...				<p>Furnish and install volleyball standards with floor plate/sleeve. Lines for three volleyball courts, (1) main center court and (2) cross courts.</p> <p>Floor plate/sleeve on walls for chinning bars.</p> <p>Contractor to paint logo on gym floor. (Logo drawing to be supplied by school prior to final floor finish).</p> <p>Furnish and install gymnasium only P.A. system with plug in outlet on both sides and both ends of the main court.</p> <p>Assistive listening systems for hearing impaired. Infra-red in conjunction with the P.A. systems to accommodate a minimum of six receivers.</p> <p>Furnish and install two wall-mounted multi-sport scoreboards, with outlets (one on each end wall) of the main court.</p> <p>One duplex outlet on both sides of gym, centered at the top of the bleachers to accommodate filming of events in the gym.</p> <p>Minimum of two phone outlets: One on each end of the main court (see matrix).</p> <p>One data outlet on one end of main court with cable back to the central computer rack.</p> <p>One clock on both ends of the main court with protective wire cages.</p> <p>One intercom on both ends of the main court.</p> <p>Hardwood floor.</p>

4. PHYSICAL EDUCATION CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.1	Gymnasium - Continued...				
4.16	Storage Rooms	-	2	820	Access from gymnasium floor for storage of net posts, chairs, mats, apparatus, piano, risers and other equipment. Two 4' wide doors. One phone outlet in hallway storage room. One data outlet in hallway storage room. Vinyl tile floor.
4.17	Electrical Room	-	1	Non-assignable	To house electrical equipment. Provide supply and return air. One duplex outlet. Sealed concrete floor.
4.18	Office	1	1	140	Parks and Recreation Department. Two duplex outlets on each wall. One computer networking conduit with cable back to the central computer rack. One phone outlet next to computer outlet. One clock. Carpet on floor.

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
4.2	Girls' Area		3,555	Total Sq. Ft. + Rest Rooms	
4.21	Girls' Locker Area	120	1	2,030	<p>Access to gym floor (4.15) and outdoor fields (4.52). Direct access to shower/toweling area (4.22). Direct access to toilet area (4.23). <u>Visual supervision from P.E. staff office (4.24).</u> Install appropriate number and position, fisheye mirror(s) to cover any blind spots in the locker area to be visible from the P.E. staff office (4.24). No alcove, lockers and fisheye mirror(s) arranged to allow for direct supervision. (250) 12" x 15" x 30" P.E. lockers (double tier). Fixed benches between locker rows. Non-refrigerated water cooler with three bubblers with visual supervision from P.E. staff office (4.24). Space with eight shatterproof mirrors and duplex outlets. Excellent lighting. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit. Floor drains for flood cleaning. Non-slip ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.2	Girls' Area - Continued...				
4.22	Girls' Shower/Towel- ing Area	120	1	890	<p>Direct access to locker area (4.21). Direct access to toilet area (4.23). <u>Visual supervision from staff office (4.24).</u> Install a minimum of 28 shower heads. Twenty percent of area should be provided for private showers. Provide tempered water to showers. Ceramic tile walls (floor to ceiling). Non-slip ceramic tile floor.</p>
4.23	Girls' Toilet Area	-	1	Non-assignable	<p>Direct access to locker area (4.21). Direct access to shower/towel- ing area (4.22). Support of 120 students. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 6' ceramic tile wainscot. Ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
4.2 Girls' Area - Continued...					
4.24	Womens' Staff Offices	3	1	220	<p>Teaching/coaching office. <u>Supervision of student locker/shower toweling areas.</u> <u>Lockable sliding glass windows.</u> <u>Fisheye mirror supervision of locker, shower and toweling areas.</u> Shower temperature/on/off controls for student showers. One 4' x 4' wall-mounted dustless writing surface. One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One ITV outlet. Phone outlets per matrix. One clock 72" A.F.F. to the bottom of the unit. One intercom 72" A.F.F. to the bottom of the unit with a call button 48" A.F.F. Carpet on floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.2 Girls' Area - Continued...				
4.24.1 Womens' Staff Locker/Shower Room	3	1	95	<p>Direct access from staff office (4.24). One shower. Five 12" x 15" x 72" P.E. lockers (single tier). Fixed bench along front of lockers. Shatterproof mirror(s). Ceramic tile walls (floor to ceiling). Ceramic tile floor.</p>
4.24.2 Womens' Staff Rest Room	-	1	Non-assignable	<p>Direct access from locker/shower room (4.24.1). Support of four staff members. One GFIC duplex outlet. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.2 Girls' Area - Continued...				
4.24.3 Storage	-	1	180	<p>P.E./team uniform and equipment storage room. Direct access from staff office (4.24). 10' shelf with under shelf pipe rack for hanging uniforms. Electrical and plumbing for ice machine (CFCI) to include water, power and floor sink. Two duplex outlets. Vinyl tile floor.</p>
4.25 Washer/Dryer Room	-	1	140	<p>Relate to locker room for female students. Electrical and plumbing for commercial washer (240v, 3 phase, 20 amps), dryer (240v, 3 phase, 88 amps). Install washer on right and dryer on left as you face them. Floor drain. Vinyl tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
4.3	Boys' Area		3,555	Total Sq. Ft. + Rest Rooms	
4.31	Boys' Locker Area	120	1	2,030	<p>Access to gym floor (4.15) and outdoor fields (4.52). Direct access to shower/toweling area (4.32). Direct access to toilet area (4.33). <u>Visual supervision from P.E. staff office (4.34).</u> Install appropriate number and position, fisheye mirror(s) to cover any blind spots in the locker area to be visible from the P.E. staff office (4.34). No alcove, lockers and fisheye mirrors arranged to allow for direct supervision. (250) 12" x 15" x 30" P.E. lockers (double tier). Fixed benches between locker rows. Non-refrigerated water cooler with three bubblers with visual supervision from P.E. staff office (4.34). Space with eight shatterproof mirrors and duplex outlets. Excellent lighting. One clock 7'2" A.F.F. to bottom of unit. One intercom 7'2" A.F.F. to bottom of unit. Floor drains for flood cleaning. Non-slip ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.3	Boys' Area - Continued...				
4.32	Boys' Shower/Towel- ing Area	120	1	890	<p>Direct access to locker area (4.31). Direct access to toilet area (4.33). <u>Visual supervision from staff office (4.34).</u> Install a minimum of 28 shower heads. Provide tempered water to showers. Twenty percent of area should be provided for private showers. Ceramic tile walls (floor to ceiling). Non-slip ceramic tile floor.</p>
4.33	Boys' Toilet Area	-	1	Non-assignable	<p>Direct access to locker area (4.31). Direct access to shower/towel- ing area (4.32). Support of 120 students. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 6' ceramic tile wainscot. Ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.3 Boys' Area - Continued...				
4.34 Mens' Staff Offices	3	1	220	<p>Teaching/coaching office. <u>Supervision of student locker/shower toweling areas.</u> <u>Lockable sliding glass windows.</u> <u>Fisheye mirror supervision of locker, shower, and toweling areas.</u> Shower temperature/on/off controls for student showers. One 4' x 4' wall-mounted dustless writing surface. One 4' x 4' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One ITV outlet. Phone outlets per matrix. One clock 72" A.F.F. to the bottom of the unit. One intercom 72" A.F.F. to the bottom of the unit with a call button 48" A.F.F. Carpet on floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.3 Boys' Area - Continued...				
4.34.1 Mens' Staff Locker/Shower Room	3	1	95	<p>Direct access from staff office (4.34). One shower. Five 12" x 15" x 72" P.E. lockers (single tier). Fixed bench along front of lockers. Shatterproof mirror(s). Ceramic tile walls (floor to ceiling). Ceramic tile floor.</p>
4.34.2 Men's Staff Rest Room	-	1	Non-assignable	<p>Direct access from locker/shower room (4.34.1). Support of four staff members. One GFIC duplex outlet. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Roll</u> toilet paper dispenser(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.3 Boys' Area - Continued...				
4.34.3 Storage	-	1	180	<p>P.E./team uniform and equipment storage room. Direct access from staff office (4.34). 10' shelf with under shelf pipe rack for hanging uniforms. Electrical and plumbing for (ice machine CFCI) to include water, power, and floor sink. Two duplex outlets. Vinyl tile floor.</p>
4.35 Washer/Dryer	-	1	140	<p>Relate to locker room for male students. Electrical and plumbing for commercial washer (240v, 3 phase, 20 amps), dryer (240v, 3 phase, 88 amps). Install washer on right and dryer on left as you face them. Floor drain. Vinyl tile floor.</p>

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.4 Instructional Rooms			1,700	Total Sq. Ft.
4.41 Generic Classrooms	30+1T	2	1,700	<p>Relate access to gym (4.1). Health classroom instruction. Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall). Two 4' x 8' wall-mounted tackboards, one near the entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Carpet on floor.</p>

4. PHYSICAL EDUCATION CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.5 Athletic Storage/Fields					
4.51	Athletic Storage/ for Outside Equipment	-	1	Non- assignable	Secure from theft and vandalism. Exterior lighting for security. Outside water coolers. Large double-door opening for access to outdoor fields (4.52). One duplex outlet on each wall. Sealed concrete floor.
4.52	Outdoor Fields:				
4.52.1	P.E./General Purpose Area	-	As avail- able	Non- assignable	General purpose grass area for physical education classes. Relate to locker rooms for P.E. classes.
4.52.2	Volleyball Courts	-	4	Non- assignable	Volleyball court specifications are contained in Appendix C. Inside a fenced area (10' high if needed due to being close to property boundaries). Relate to locker rooms for P.E. classes.

4. PHYSICAL EDUCATION CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
4.5 Athletic Storage/Fields - Continued...				
4.52.3 Softball Field	-	2	Non-assignable	Girls' fast-pitch softball specifications are contained in Appendix D. Setting sun should not interfere with the pitcher/batter sight-line. Backstop and fenced area with composite benches for teams. Asphalt behind the two backstops with handicap access from the general purpose area (4.52), (asphalt at least one backstop area).
4.52.4 Basketball Courts	-	4	Non-assignable	Basketball court specifications are contained in Appendix B. Inside a fenced area (10' high if needed due to being close to property boundaries). Fan shaped backboards (4'6" x 2'11") with double ring rims. Relate to locker rooms for P.E. classes.
4.52.5 Tennis Courts	-	4	Non-assignable	Tennis court specifications are contained in Appendix E. North/south court layout. Inside fenced area (12' high), (include net poles and wind screens). Relate to locker rooms for P.E. classes.

5. SIXTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.1	English, Foreign Language, Reading, Social Studies and Mathematic Classrooms			10,200	Total Sq. Ft. + Rest Room
5.11	Generic Classrooms	30+1T	12	10,200	<p>General classroom instruction. Three 4' x 8' wall-mounted dustless writing surfaces. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen located above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted tackboards, one near an entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Carpet on floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.1 English, Foreign Language, Reading, Social Studies and Mathematic Classrooms - Continued...				
5.11.1 Rest Room	-	1	Non-assignable	<p>Accessible to two (5.11) classrooms. Privacy locks on doors. Handicapped accessible shower with flex hose, grab bars, fold up shower seat, and other accessories to meet code with ceramic tile walls and floor. Water closet and lavatory to meet code. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.2	Specialized Classrooms			5,610	Total Sq. Ft.
5.21	Computer Science	30+1T	1	1,200	<p>Provide 32 student work stations with data and space for 8 printers; each should be 30" wide, 30" deep, and 27" A.F.F. with three electrical outlets (dedicated circuit), include HCP work station, (28.5" A.F.F.) for a total 80 L.F. of counter on perimeter walls.</p> <p>Provide on teacher's station 28.5" A.F.F. 12' wide at the front of the room.</p> <p>Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>Two 4' x 8' wall-mounted tackboards one near an entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Master switch control for computers at the teacher's station (non-accessible to students).</p> <p>Computer networking conduit with cable back to the central computer rack. (Configuration to be determined by CCSD and matrix.)</p> <p>Ensure raceway computer wiring is included within the room.</p> <p>Local area computer networking conduit providing continuity around all doors, teacher's work station, and connecting all four computer classrooms (2.15), (5.21), (6.21), and (7.21).</p> <p>Isobar surge protection for computers.</p> <p>One phone outlet located by a data outlet at the teacher's station.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
5.2	Specialized Classrooms - Continued...			
<hr/>				
5.21	Computer Science - Continued...			One phone outlet for modem. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Sound attenuation. Carpet on floor. Secured room.

5. SIXTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.2	Specialized Classrooms - Continued...				
5.22	Science/Lab Classrooms	30+1T	3	2,730	<p>Three classrooms need access to science/prep storage room lab (5.23). Fixed lab acid-resistant counter, 36" high, 24" deep, the length of two walls of the room to include gas, six cold water sinks, abovecounter electrical plugmold (24" O.C.), and undercounter storage. Lower one end station for handicapped accessibility (34" A.F.F., 54" wide, and 24" deep), no undercounter storage. Fixed instructor's lab/demonstration station (8' wide, 2'6" deep). Shut-off for gas with automatic shut-off timer at the fixed instructor's station. Computer shut-off switch at instructor's station. Appropriate ventilation, exhaust, safety shower and eyewash. Area for beaker storage. Area for lockable portable storage for 32 microscopes each room. Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted tackboards one near an entrance. Three duplex outlets on each wall.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
5.2	Specialized Classrooms - Continued...			
<hr/>				
5.22	Science / Lab Classrooms Continued...			<p>Computer networking conduit with cable back to the central computer rack per matrix (1) at instructor's demo station.</p> <p>One phone outlet located by a data outlet at the teacher's station.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Non-slip vinyl tile floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.2	Specialized Classrooms - Continued...				
5.23	Science/Lab/Storage and Prep Room	-	1	150	<p>Lab storage and teacher lab preparation. Direct access to three science classrooms (5.22). One built-in work prep counter, acid-resistant, 36" A.F.F. 24" deep on one wall with abovecounter electrical plugmold (24" O.C.) with undercounter and abovecounter storage. One built-in work prep counter, acid-resistant, 34" A.F.F., and 24" deep, on one wall with abovecounter electrical plugmold (24" O.C.) with undercounter and abovecounter storage; include gas, hot and cold water sink, built-in undercounter dishwasher with space and power in counter for a 14 cu ft. refrigerator. Shut-off for gas with automatic shut-off timer. Appropriate ventilation, exhaust, safety shower, and eyewash in room. Area for lockable portable storage for 32 microscopes. Area for beaker storage. Area for caustic materials, flammable liquid, and animal specimen storage cabinets. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet by data outlet. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Non-slip vinyl tile floor. Secured room.</p>
5.24	Resource Rooms	12+1T	2	1,220	Two 4' x 8' wall-mounted dustless writing surfaces at the front

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.2	Specialized Classrooms - Continued...			<p>of the room.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>One 4' x 8' wall-mounted tackboard near an entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Computer networking conduit with cable back to the central computer rack per matrix.</p> <p>One phone outlet located by a data outlet, on wall opposite entrance door 5' from the front of the room.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Carpet on floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
5.2	Specialized Classrooms - Continued...				
<hr/>					
5.25	Storage	-	1	310	Textbook and supply storage. Two duplex outlets. One data outlet for one storage room. One phone outlet near data outlet for one storage room. Vinyl tile floor.

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.3 Office Complex			1,220	Total Sq. Ft.
5.31 Team Meeting Room	6	1	250	<p>Accessible to teachers in the Sixth Grade Learning Center to hold team meetings. Seating for six at a 6' x 10' conference table. One 4' x 8' wall-mounted dustless writing surface at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) One 4' x 8' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One ITV outlet. One CTV outlet. Phone outlets per matrix one located by a data outlet, on wall opposite entrance door 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Sound attenuation and isolation. Carpet on floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.3 Office Complex - Continued...				
5.32 Teachers' Office Complex	18	1	550	<p>Teacher preparation area.</p> <p>One wall of continuous counter space, 28.5" A.F.F., 30" deep, abovecounter plugmold, 24" O.C.</p> <p>One wall of undercounter storage under the 34" A.F.F., counter with plugmold 24" O.C. and sink with hot and cold water.</p> <p>One 4' x 8' wall-mounted tackboard near the entrance on a non-counter wall.</p> <p>Three duplex outlets on non-counter walls.</p> <p>Computer networking outlets per matrix with conduit cable back to the central computer rack on same wall as the 28" A.F.F., 30" deep counter.</p> <p>One ITV outlet.</p> <p>Phone outlets per matrix and located by a data outlets.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Carpet on floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.3 Office Complex - Continued...				
5.33 Itinerant Office	2	1	223	<p>Easy access to team meeting room (5.31). One 4' x 4' wall-mounted tackboard, 2' 7" A.F.F. to the bottom edge of the board. One data outlet. One computer networking and cable back to the central computer rack per matrix. Four duplex outlets. One phone outlet. One clock. One intercom. Sound isolation and attenuation. Carpet on floor.</p>
5.34 ECS Office	2	1	210	<p>Easy access to team meeting room (5.31). One 4' x 4' wall-mounted tackboard, 2' 7" A.F.F. to the bottom edge of the board. One data outlet. One computer networking and cable back to the central computer rack per matrix. Four duplex outlets. One phone outlet. One clock. One intercom. Sound isolation and attenuation. Carpet on floor.</p>

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.4	Student Rest Rooms, Custodial Storage, Electrical, and Computer Data Rooms		405	Total Sq. Ft.
5.41	Mens' Student Rest Room -	1	Non-assignable	Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 6' ceramic tile wainscot. Ceramic tile floor.
5.42	Womens' Student Rest Room -	1	Non-assignable	Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 6' ceramic tile wainscot. Ceramic tile floor.
5.43	Custodial Storage Room -	1	110	Custodial storage mop sink with hot and cold water, mop rack and ceramic tile wainscot either side if walls are drywall. Two duplex outlets. One phone outlet. Vinyl tile floor.

5. SIXTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
5.4 Student Rest Rooms, Custodial Storage, Electrical, and Computer Data Rooms - Continued...				
5.44 Electrical Room	-	1	145	Provide HVAC supply and return air. Sealed concrete floor.
5.45 Computer Data Room	-	1	150	Storage of equipment to support the computer networking program for the facility. Provide HVAC supply and return air. Vinyl tile floor.

6. SEVENTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.1	English, Foreign Language, Reading, Social Studies and Mathematic Classrooms			10,200	Total Sq. Ft. + Rest Room
6.11	Generic Classrooms	30+1T	12	10,200	<p>General classroom instruction. Three 4' x 8' wall-mounted dustless writing surfaces. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen located above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted tackboards, one near an entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit.. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Carpet on floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.1 English, Foreign Language, Reading, Social Studies and Mathematic Classrooms - Continued...				
6.11.1 Rest Room	-	1	Non-assignable	<p>Accessible to two (6.11) classrooms. Privacy locks on doors. Handicapped accessible shower with flex hose, grab bars, fold up shower seat, and other accessories to meet code with ceramic tile walls and floor. Water closet and lavatory to meet code. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
6.2	Specialized Classrooms		5,610	Total Sq. Ft.	
6.21	Computer Science	30+1T	1	1,200	<p>Provide 32 student work stations with area for 8 printers; each should be 30" wide, 30" deep, and 27" A.F.F. w/three electrical outlets (dedicated circuit), include one HCP work station, (28.5" A.F.F.) for a total of 80 L.F. of counter on perimeter walls.</p> <p>One teacher's station 28.5" A.F.F. 12' wide at the front of the room.</p> <p>Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>Two 4' x 8' wall-mounted tackboards one near an entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Master switch control for computers at teacher's station (non-accessible to students).</p> <p>Computer networking conduit with cable back to the central computer rack. (Configuration to be determined by CCSD and matrix.)</p> <p>Ensure raceway computer wiring is included within the room.</p> <p>Local area computer networking conduit providing continuity around all doors, teacher's work station and connecting all four computer classrooms (2.15), (5.21), (6.21), and (7.21).</p> <p>Isobar surge protection for computers.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
6.2	Specialized Classrooms - Continued...			
<hr/>				
6.21	Computer Science - Continued...			<p>One phone outlet located by a data outlet at the teacher's station.</p> <p>One phone outlet for modem.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Sound attenuation.</p> <p>Carpet on floor.</p> <p>Secured room.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.2 Specialized Classrooms - Continued...				
6.22 Science/Lab Classrooms	30+1T	3	2,730	<p>Three classrooms need access to science/prep storage room lab (6.23). Fixed lab acid-resistant counter, 36" high, 24" deep, the length of two walls of the room to include gas, six cold water sinks, abovecounter electrical plugmold (24" O.C.), and undercounter storage. Lower one end station for handicapped accessibility (34" A.F.F., 54" wide, and 24" deep), no undercounter storage. Fixed instructor's lab/demonstration station (8' wide, 2'6" deep). Shut-off for gas with automatic shutoff timer at the fixed instructor's station. Computer shut-off switch at instructor's station. Appropriate ventilation, exhaust, safety shower and eyewash. Area for beaker storage. Area for lockable portable storage for 32 microscopes each room. Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted tackboards (one near the entrance). Three duplex outlets on each wall.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
6.2	Specialized Classrooms - Continued...			
<hr/>				
6.22	Science/Lab Classrooms - Continued...			<p>Computer networking conduit with cable back to the central computer rack per matrix, one at teacher's station.</p> <p>One phone outlet located by a data outlet at the teacher's station.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Non-slip vinyl tile floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.2	Specialized Classrooms - Continued...				
6.23	Science/Lab/Storage and Prep Room	-	1	150	<p>Lab storage and teacher lab preparation. Direct access to three science classrooms (6.22). One built-in work prep counter, acid-resistant, 36" A.F.F. and 24" deep on one wall with abovecounter electrical plugmold (24" O.C.) with undercounter and abovecounter storage. One built-in work prep counter, acid-resistant, 34" A.F.F., and 24" deep, on one wall with abovecounter electrical plugmold (24" O.C.) with undercounter and abovecounter storage; include gas, hot and cold water sink, built-in undercounter dishwasher with space and power in counter for a 14 cu. ft. refrigerator. Shut-off for gas with automatic shut-off timer. Appropriate ventilation, exhaust, safety shower, and eyewash in room. Area for lockable portable storage for 32 microscopes. Area for beaker storage. Area for caustic materials, flammable liquid, and animal specimen storage cabinets. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with call button 48" A.F.F. directly below). Non-slip vinyl tile floor. Secured room.</p>
6.24	Resource Rooms	12+1T	2	1,220	<p>Two 4' x 8' wall-mounted dustless writing surfaces at the front</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.2 Specialized Classrooms - Continued...				

of the room.
 Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)
 One 4' x 8' wall-mounted tackboard near an entrance.
 Three duplex outlets on each wall.
 Computer networking conduit with cable back to the central computer rack per matrix.
 One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room.
 One clock 7'2" A.F.F. to the bottom of the unit.
 One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).
 Carpet on floor.

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
6.2	Specialized Classrooms - Continued...				
<hr/>					
6.25	Storage Room	-	1	310	Textbook and supply storage. Two duplex outlets. One data outlet for one storage room. One phone outlet near data outlet for one storage room. Vinyl tile floor.

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.3 Office Complex			1,010	Total Sq. Ft.
6.31 Team Meeting Room	6	1	250	<p>Accessible to teachers in the Seventh Grade Learning Center to hold team meetings. Seating for six at a 6' x 10' conference table. One 4' x 8' wall-mounted dustless writing surface at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) One 4' x 8' wall-mounted tackboard. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack. One ITV outlet. One CTV outlet. Phone outlets per matrix, one located by a data outlet, on wall opposite entrance door 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Sound attenuation and isolation. Carpet on floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.3 Office Complex - Continued...				
6.32 Teachers' Office Complex	18	1	550	<p>Teacher preparation area.</p> <p>One wall of continuous counter space, 28.5" A.F.F., 30" deep, abovecounter plugmold, 24" O.C.</p> <p>One wall of undercounter storage under the 34" A.F.F., counter with plugmold 24" O.C. and sink with hot and cold water.</p> <p>One 4' x 8' wall-mounted tackboard near the entrance on a non-counter wall.</p> <p>Three duplex outlets on non-counter walls.</p> <p>Computer networking outlets and conduit cable back to the central computer rack on same wall as the 28" A.F.F. 30" deep counter per matrix.</p> <p>One ITV outlet.</p> <p>Phone outlets per matrix and located by a data outlets.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Carpet on floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.3 Office Complex - Continued...				
6.33 Itinerant Office	2	1	210	<p>Easy access to team meeting room (6.31). One 4' x 4' wall-mounted tackboard, 2' 7" A.F.F. to the bottom edge of the board. Four duplex outlets. Two computer networking conduits with cable back to the central computer rack per matrix. One phone outlet (one near a data outlet). One clock. One intercom. Sound isolation and attenuation. Carpet on floor.</p>

6. SEVENTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
6.4	Student Rest Rooms, Custodial Storage, Electrical, and Computer Data Rooms		615	Total Sq. Ft.	
6.41	Mens' Student Rest Room	-	1	Non-assignable	Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 6' ceramic tile wainscot. Ceramic tile floor.
6.42	Womens' Student Rest Room	-	1	Non-assignable	Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 6' ceramic tile wainscot. Ceramic tile floor.
6.43	Custodial Storage Room	-	1	110	Custodial storage mop sink with hot and cold water, mop rack and ceramic tile wainscot either side if walls are drywall. Two duplex outlets. One phone outlet. Vinyl tile floor.

6. SEVENTH GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
6.4	Student Rest Rooms, Custodial Storage, Electrical, and Computer Data Rooms - Continued...				
6.44	Electrical Room	-	1	145	Provide HVAC supply and return air. Sealed concrete floor.
6.45	Computer Data Room	-	1	150	Storage of equipment to support the computer networking program for the facility. Provide HVAC supply and return air. Vinyl tile floor.
6.46	Storage Room	-	1	210	Supply storage. Two duplex outlets. One data outlet for one storage room. One phone outlet near data outlet for one storage room. Vinyl tile floor.

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
7.1	English, Foreign Language, Reading, Social Studies and Mathematic Classrooms		10,200	Total Sq. Ft. + Rest Room	
7.11	Generic Classrooms	30+1T	12	10,200	<p>General classroom instruction.</p> <p>Three 4' x 8' wall-mounted dustless writing surfaces.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen located above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>Two 4' x 8' wall-mounted tackboards, one near an entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Computer networking conduit with cable back to the central computer rack per matrix.</p> <p>One phone outlet located by a data outlet, on wall opposite entrance door 5' from the front of the room.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (will call button 48" A.F.F. directly below)..</p> <p>Carpet on floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.1 English, Foreign Language, Reading, Social Studies and Mathematic Classrooms - Continued...				
7.11.1 Rest Room	-	1	Non-assignable	<p>Accessible to two (7.11) classrooms. Privacy locks on doors. Handicapped accessible shower with flex hose, grab bars, fold up shower seat, and other accessories to meet code with ceramic tile walls and floor. Water closet and lavatory to meet code. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 4' ceramic tile wainscot. Ceramic tile floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
7.2	Specialized Classrooms		5,610	Total Sq. Ft.	
7.21	Computer Science	30+1T	1	1,200	<p>Provide 32 student data work stations with area for 8 printers; each should be 30" wide, 30" deep, and 27" A.F.F. w/three electrical outlets (dedicated circuit), include one HCP work station, (28.5" A.F.F.) for a total of 80 L.F. of counter on perimeter of wall.</p> <p>One teacher station 28.5" A.F.F. 12' wide at the front of the room.</p> <p>Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>Two 4' x 8' wall-mounted tackboards one near an entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Master switch control for computers (non-accessible to students).</p> <p>Computer networking conduit with cable back to the central computer rack. (Configuration to be determined by CCSD and matrix.)</p> <p>Ensure raceway computer wiring is included within the room.</p> <p>Local area computer networking conduit providing continuity around all doors, teacher's work station, and connecting all four computer classrooms, (2.15), (5.21), (6.21), and (7.21).</p> <p>Isobar surge protection for computers.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
7.2	Specialized Classrooms - Continued...			
<hr/>				
7.21	Computer Science Continued...			<p>One phone outlet located by a data outlet at the teacher's station.</p> <p>One phone outlet for modem.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Sound attenuation.</p> <p>Carpet on floor.</p> <p>Secured room.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.2 Specialized Classrooms - Continued...				
7.22 Science/Lab Classroom	30+1T	3	2,730	<p>Three classrooms need access to science/prep storage room lab (7.23).</p> <p>Fixed lab acid-resistant counter, 36" high, 24" deep, the length of two walls of the room to include gas, six cold water sinks, abovecounter electrical plugmold (24" O.C.), and undercounter storage.</p> <p>Lower one end station for handicapped accessibility (34" A.F.F., 54" wide, and 24" deep), no undercounter storage.</p> <p>Fixed instructor's lab/demonstration station (8' wide, 2'6" deep).</p> <p>Shut-off for gas with automatic shutoff timer at the fixed instructor's station.</p> <p>Computer shut-off switch at instructor's station.</p> <p>Appropriate ventilation, exhaust, safety shower and eyewash.</p> <p>Area for beaker storage.</p> <p>Area for lockable portable storage for 32 microscopes each room.</p> <p>Three 4' x 8' wall-mounted dustless writing surfaces at the front of the classroom.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>Two 4' x 8' wall-mounted tackboards (one near the entrance).</p> <p>Three duplex outlets on each wall.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
7.2	Specialized Classrooms - Continued...			
<hr/>				
7.22	Science/Lab Classrooms - Continued...			<p>Computer networking conduit with cable back to the central computer rack per matrix (one at instructor's demo station). One phone outlet located by a data outlet at the teacher's station. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Non-slip vinyl tile floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
7.2 Specialized Classrooms - Continued...					
7.23	Science/Lab/Storage and Prep Room	-	1	150	<p>Lab storage and teacher lab preparation. Direct access to three science classrooms (7.22). One built-in work prep counter, acid-resistant, 36" A.F.F. 24" deep on one wall with abovecounter electrical plugmold (24" O.C.) with undercounter and abovecounter storage and built-in undercounter dishwasher with space and power in counter for a 14 cu. ft. refrigerator. Shut-off for gas with automatic shut-off timer. Appropriate ventilation, exhaust, safety shower, and eyewash in room. Area for lockable portable storage for 32 microscopes. Area for beaker storage. Area for caustic materials, flammable liquid, and animal specimen storage cabinets. Two duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Non-slip vinyl tile floor. Secured room.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.2 Specialized Classrooms - Continued...				
7.24 Resource Rooms	12+1T	2	1,220	<p>Two 4' x 8' wall-mounted dustless writing surfaces at the front of the room.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>One 4' x 8' wall-mounted tackboard near the entrance.</p> <p>Three duplex outlets on each wall.</p> <p>Computer networking conduit with cable back to the central computer rack per matrix.</p> <p>One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Carpet on floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
7.2	Specialized Classrooms - Continued...				
<hr/>					
7.26	Storage Room	-	1	310	Textbook and supply storage. Two duplex outlets. One data outlet in hall storage room. One phone outlet near data outlet in hall storage room. Vinyl tile floor.

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.3 Office complex			1,250	Total Sq. Ft.
7.31 Team Meeting Room	6	1	250	<p>Accessible to teachers in the Eight Grade Learning Center to hold team meetings.</p> <p>Seating for six at a 6' x 10' conference table.</p> <p>One 4' x 8' wall-mounted dustless writing surface at the front of the room.</p> <p>Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.)</p> <p>One 4' x 8' wall-mounted tackboard.</p> <p>Two duplex outlets on each wall.</p> <p>Computer networking conduit with cable back to the central computer rack per matrix.</p> <p>One ITV outlet.</p> <p>One CTV outlet.</p> <p>Phone outlet per matrix located by a data outlet, on wall opposite entrance door, 5' from the front of the room.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Sound attenuation and isolation.</p> <p>Carpet on floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.3 Office Complex - Continued...				
7.32 Teachers' Office Complex	18	1	550	<p>Teacher preparation area.</p> <p>One wall of continuous counter space; 28.5" A.F.F., 30" deep, abovecounter plugmold, 24" O.C.</p> <p>One wall of undercounter storage under the 34" A.F.F. counter with plugmold 24" O.C. and sink with hot and cold water.</p> <p>One 4' x 8' wall-mounted tackboard near the entrance on a non-counter wall.</p> <p>Three duplex outlets on non-counter walls.</p> <p>Computer networking outlets and conduit cable back to the central computer rack on same wall as the 28" A.F.F., 30" deep counter per matrix.</p> <p>One ITV outlet.</p> <p>Phone outlets per matrix and located by data outlets.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Carpet on floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.3 Office Complex - Continued...				
7.33 Itinerant Offices	1	2	240	<p>Relates to area team meeting room (7.31). One 4' x 4' wall-mounted tackboard, 2' 7" A.F.F. to the bottom edge of the board. One duplex outlet on each wall. One computer networking conduit with cable back to the central computer rack per matrix. One ITV outlet. One phone outlet near data outlet. One clock. Sound isolation and attenuation. Carpet on floor.</p>
7.34 In-House Suspension Room	-	1	210	<p>Two data outlets, one on each side wall. One phone outlet near one data outlet. Carpet on floor.</p>

7. EIGHTH GRADE LEARNING CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.4	Student Rest Rooms, Custodial Storage, and Electrical Rooms		400	Total Sq. Ft.
7.41	Mens' Student Rest Room	-	1	Non-assignable Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 6' ceramic tile wainscot. Ceramic tile floor.
7.42	Womens' Student Rest Room	-	1	Non-assignable Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 6' ceramic tile wainscot. Ceramic tile floor.

7. EIGHT GRADE LEARNING CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
7.4	Student Rest Rooms, Custodial Storage, and Electrical Rooms - Continued...				
7.43	Custodial Storage Room	-	1	110	Custodial storage mop sink with hot and cold water, mop rack and ceramic tile wainscot either side if walls are drywall. Two duplex outlets. One phone outlet. Vinyl tile floor.
7.44	Electrical Room	-	1	145	Provide HVAC supply and return air. Sealed concrete floor.
7.45	Storage Room	-	1	145	Supply storage. Two duplex outlets. One data outlet in hall storage room. One phone outlet near data outlet in hall storage room. Vinyl tile floor.

8. FINE AND PERFORMING ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
8.1	Drama and Music Classrooms		4,875	Total Sq. Ft. Related to Little Theater Complex	
8.11	Choral Classroom	75+1T	1	1,000	<p>Vocal music instruction and rehearsals. Should not be related to the academic portion of the building. Double door for movement of a piano. Two 4' x 8' wall-mounted dustless writing surfaces at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted, music-lined writing surfaces. Two 4' x 8' wall-mounted tackboards, one near the entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Sound isolation and attenuation. Puncture-proof flooring. Vinyl tile floor. Secured room.</p>

8. FINE AND PERFORMING ARTS CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
8.1	Drama and Music Classrooms - Continued...				
8.12	Orchestra/String Classroom	75+1T	1	990	<p>Orchestra and string instruction and rehearsals. Should not be related to the academic portion of the building. Two 4' x 8' wall-mounted dustless writing surfaces at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted, music-lined writing surfaces. Two 4' x 8' wall-mounted tackboards, one near the entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Sound isolation and attenuation. Puncture-proof flooring. Carpet on floor. Secured room.</p>

8. FINE AND PERFORMING ARTS CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
8.1 Drama and Music Classrooms - Continued...					
8.13	Choral/Orchestra and Strings Office	2	1	120	<u>Visual supervision to choral/orchestra/string classrooms (8.11) and (8.12).</u> Teacher preparation area. One 4' x 4' wall-mounted tackboard. One duplex outlet on each wall. One data outlet. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet near data outlet. One clock. Carpet on floor.
8.13.1	Choral/Strings/ Orchestra Storage Room	-	1	300	Direct access from choral/strings classrooms (8.11) and (8.12). Used for music library, store robes, store instruments. Area for instrument racks for proper storage. One duplex outlet. Vinyl tile floor. Secured room.

8. FINE AND PERFORMING ARTS CENTER

Space		Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
8.1	Drama and Music Classrooms - Continued...				
8.14	Band Classroom/Storage Area	100+1T	1	2,185	<p>Band instruction and rehearsal. Should not be related to the academic portion of the building. Double door entrance (to accommodate movement of instruments). Area for music library storage. Area on a short wall for lockable, built-in uniform storage cabinets. Area for lockable storage of instruments and equipment, (see Appendix F). One electric water cooler. Two 4' x 8' wall-mounted dustless writing surfaces at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall). Two 4' x 8' wall-mounted, music-lined, writing surfaces. Two 4' x 8' wall-mounted tackboards, one near the entrance. Three duplex outlets on each wall. Computer networking conduit with cable back to the central computer rack per matrix. (<i>Not behind the music storage cabinets.</i>) One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room.</p>

8. FINE AND PERFORMING ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
<hr/>				
8.1 Drama and Music Classrooms - Continued...				
<hr/>				
8.14 Band Classroom/Storage - Continued...				One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Provide power for electric water cooler. Sound attenuation. Carpet on floor. Secured room.

8. FINE AND PERFORMING ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
8.2 Drama and Music Student Rest Rooms				
8.15 Practice Room	2	2	130	Direct access from band classroom (8.14). <u>Visual supervision from band classroom (8.14).</u> Install double pane window in door. Two duplex outlets. One data outlet. Sound isolation and attenuation. Carpet on floor.
8.16 Band Office	2	1	75	<u>Visual supervision to band classroom (8.14).</u> Teacher preparation area. One hand sink with <u>hot and cold</u> water. One 4' x 8' wall-mounted tackboard. One duplex outlet on each wall. One data outlet. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet near data outlet. One clock outlet 72" A.F.F. Carpet on floor.
8.16.1 Storage	-	1	75	Textbook and supply storage. Two duplex outlets. Carpet on floor.
8.21 Mens' Student Rest Room	-	1	Non-	Open door type (visible entry door) with interior privacy

8. FINE AND PERFORMING ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
8.2 Drama and Music Student Rest Rooms				
8.22 Womens' Student Rest Room	-	1	assignable	screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). 6' ceramic tile wainscot. Ceramic tile floor.
8.22 Womens' Student Rest Room	-	1	Non-assignable	Open door type (visible entry door) with interior privacy screen, magnetic hold open device, lockable, tied into the fire alarm system. Shatterproof mirror(s). Soap dispenser(s). (OFOI) Wide single fold paper towel dispenser(s). <u>Single fold</u> toilet paper dispenser(s). Sanitary napkin dispenser/disposal(s). 6' ceramic tile wainscot. Ceramic tile floor.

9. THEATER CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
9.1 Little Theater Complex			1,975	Total Sq. Ft.
9.11 Theater Seating	100+	1	1,510	<p>Related to the Fine and Performing Arts Center.</p> <p>Outside lighting.</p> <p>Outside access relating to the parking lot for the audience.</p> <p>Vinyl wall covering at the entrance to the complex for displaying articles, programs, announcements, etc.</p> <p>Terrace fixed seating with writing arms for 100+ persons. Include appropriate HCP seating.</p> <p>Left side end seats to have left handed writing arms.</p> <p>Assistive listening system for hearing impaired. Infra red in conjunction with the P.A. systems to accommodate a minimum of six receivers.</p> <p>Two duplex outlets on each wall.</p> <p>One phone outlet located by main public entrance door.</p> <p>One clock 7'2" A.F.F. to the bottom of the unit.</p> <p>One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below).</p> <p>Sound isolation and attenuation.</p> <p>Carpet on floor.</p>

9. THEATER CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
9.1 Little Theater Complex - Continued...				
9.12 Stage	-	1	290	HCP access ramp from within the Theater (9.11). Sound system cabinet. One 4' x 8' wall-mounted dustless writing surface. Two 4' x 4' wall-mounted tackboards. On the stage floor, two floor mounted microphone outlets and two floor mounted duplex outlets to accommodate the built-in P.A. system (front and back of stage). Two data outlets on the back wall of the stage. Track lighting above the front of the stage. Floor-to-ceiling motorized screen. One phone outlet. Raised hardwood surface.
9.12.1 Stage Office/ Storage Room	-	1	120	One 4' x 8' wall-mounted tackboard. One duplex outlet on each wall. One data outlet. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet near data outlet. One clock outlet 72" A.F.F. Carpet on floor.
9.13 Electrical Room	-	1	55	Provide HVAC supply and return air. Vinyl tile floor.

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
10.1 Technology			1,590	Total Sq. Ft. + Secured Area
10.11 Technology Multipurpose Classroom	30+1T	1	1,430	<p>Two 4' x 8' wall-mounted dustless writing surfaces. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall). One 4' x 4' wall-mounted tackboard near the office. Three duplex outlets at each work station. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Vinyl tile floor. Secured room.</p>

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
10.1	Technology - Continued...				
<hr/>					
10.12	Office	2	1	90	Visual supervision of technology classroom. One 4' x 8' wall-mounted tackboard. Two duplex outlets on each wall. One data outlet. One phone outlet near data outlet. One clock. Vinyl tile floor. Secured room.
10.13	Storage Room	-	1	70	Storage of supplies. Two duplex outlets. Vinyl tile floor.

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
10.2 Multipurpose Classroom			1,730	Total Sq. Ft. + Secured Area
10.21 Multipurpose Classrooms	30+1T	2	1,730	<p>Two 4' x 8' wall-mounted dustless writing surfaces. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) One 4' x 4' wall-mounted tackboard near the office. Three duplex outlets at each work station. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). Provide rough-in for hot and cold water and waste lines for future sinks. Carpet on floor. Secured room.</p>

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
10.3 Arts and Crafts			1,571	Total Sq. Ft. + Secured Area
10.31 Art/Crafts Classroom	30+1T	1	1,135	<p>Built-in work counter; 34" A.F.F., 30" deep and should extend the length of one wall (minimum 30'). Minimum of four sinks, <i>hot and cold water</i>, and clay trap to accommodate 32 students cleaning up in five minutes. Area for potters wheels (three manual, three electric, to be divided between each classroom). Provide adequate storage for 3-dimensional work in progress. Student storage for projects (built-in mounted individual bins for 225 students' flatwork portfolio, 24" high , 24" deep, 4" O.C., maximum height 6'). Three 4' x 8' wall-mounted dustless writing surfaces at the front of the room. Provide hanging wires and two hooks for a ceiling mounted 6' x 6' projection screen above the dustless writing surface. (Hooks should be 10" from the wall.) Two 4' x 8' wall-mounted tackboards, one near the entrance. Abovecounter electrical plugmold, 12" O.C. Three duplex outlets on each remaining wall. Computer networking conduit with cable back to the central computer rack per matrix.</p>

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
10.3 Arts and Crafts - Continued...			1,571	Total Sq. Ft. + Secured Area
10.31 Art/Crafts Classroom - Continued...				<p>One phone outlet located by a data outlet, on wall opposite entrance door, 5' from the front of the room. One clock 7'2" A.F.F. to the bottom of the unit. One intercom 7'2" A.F.F. to the bottom of the unit (with a call button 48" A.F.F. directly below). <u>Ceramic tile floor</u> with floor drains and clay trap to flood clean the floor.</p>
10.32 Storage Room	-	1	130	<p>Direct access from the art/crafts classroom (10.31) Used for storage of paint, watercolor, wet and dry ceramic and supplies. Two duplex outlets. Vinyl tile floor.</p>
10.33 Kiln Area	-	1	95	<p>Direct access from art/crafts classroom (10.31). <u>Visual supervision.</u> Hood over kilns to meet code. Vented outside. Area for shelves to dry projects. Shelving unit to be provided by CCSD. Electrical (220v/3/60) for one ceramics kiln and one enameling kiln (natural gas not available in outlying areas). Two duplex outlets. Sealed concrete floor.</p>

10. TECHNOLOGY and ARTS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
10.3 Arts and Crafts - Continued...			1,571	Total Sq. Ft. + Secured Area
10.34 Art/Crafts Offices	2	1	120	<u>Visual supervision to art/crafts classroom (10.31).</u> Teacher preparation area. One 4' x 4' wall-mounted tackboard. One duplex outlet on each wall. One data outlet. Computer networking conduit with cable back to the central computer rack per matrix. One phone outlet near data outlet. One clock. One intercom. Carpet on floor.

11. MAINTENANCE AND OPERATIONS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
11.1 Maintenance and Operations Area			2,410	Total Sq. Ft. + Rest Rooms
11.11 Maintenance/Mechanical	-	1	1,200*	<p>HVAC control room area. Chillers with lockable disconnects or lockable covers, if push button switches. Loading dock. (If terrain of site does not lend itself to a loading dock, it may be eliminated as CCSD delivery trucks have lifts). Receiving area for storage and distribution of materials. Repair area with work counter, 36" A.F.F., deep sink with hot and cold water with abovecounter electrical plugmold, with outlets 18" O.C., and undercounter storage (must support 5" mechanist's vise). Two phone outlets, one for EMCS. Lockable, built-in tool storage cabinet (36" x 24" x 78"). Four 12" x 15" x 72" P.E. lockers (single tier). Sealed concrete floor.</p>
				<p>* NOTE: SQUARE FOOTAGE MAY VARY DUE TO THE TYPE OF MECHANICAL SYSTEM DESIGNED FOR A PARTICULAR SCHOOL SITE.</p>

11. MAINTENANCE AND OPERATIONS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations
11.1 Maintenance and Operations Area - Continued...				
11.12 Electrical Room	-	1	350	Provide HVAC supply and return air. Two phone outlets. Sealed concrete floor.
11.13 Emergency Generator -	1	-		Outside maintenance area.
11.14 Boiler Room	-	1	580	One phone outlet. Sealed concrete floor.
11.15 Custodial / Storage Room	-	1	150	Custodial storage with mop sink with hot and cold water, mop rack and ceramic tile wainscot on either side if walls are drywall. Four 72" high lockers set on curbing. Two duplex outlets on each wall. Computer outlet for Energy Management System. One phone outlet. One clock. One intercom. Sealed concrete floor.

11. MAINTENANCE AND OPERATIONS CENTER

Space	Unit Cap.	No. Units	Usable Area	Functions and Special Considerations	
<hr/>					
11.1	Maintenance and Operations Area - Continued...				
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11.16	Security Office	-	1	130	Provide infrastructure for surveillance cameras from hallways, interior courtyard, school bus loading and unloading area, and both entrance gates back to the security office (11.16) (Reference Facility Considerations item 18). Two duplex outlets on each wall. One data outlet. One phone outlet near data outlet. Vinyl tile floor.

A P P E N D I X A

**Electrical Requirements are Furnished by
CCSD Food Services**

A P P E N D I X B

BASKETBALL COURT SPECIFICATIONS

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1992, 1993, 1995, 1998, 2000, and 2002 High School Basketball Rules

A P P E N D I X C

VOLLEYBALL COURT SPECIFICATIONS

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TENNIS COURT SPECIFICATIONS

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1992, 1993, 1995, 1998, 2000, and 2002 Tennis Courts

A P P E N D I X F

**Middle School Musical Instruments are Furnished by
Supplies and Equipment Standards Office**

A P P E N D I X G

Current Contractor Furnished, Contractor Installed (CFCI) listing and District Assembled and Installed Item (DAII) listing is available from CCSD Equipment Management Standards Office.

A P P E N D I X H

ITV, CTV, Monitor Mounts, Cabling, Hubs, T.B. Locations, and Room Matrix listing is furnished by CCSD communications consultant and becomes part of project Construction Management Specifications Section 16700.