

**HIGH**

**HIGH SCHOOL DESIGN PROGRAM**

# HIGH SCHOOL DESIGN PROGRAM INDEX

Section No.	Educational Area	Pg. No.
<b>INSTRUCTIONAL AREAS</b>		
Section 01	CLASSROOM TYPE I	2
	Classrooms: ( English, Foreign Languages, Math, SS)	
	Computer Labs	
Section 02	CLASSROOM TYPE II (Science)	4
Section 03	MEDIA CENTER	7
Section 04	ART	10
Section 05	MUSIC	14
	Instrumental (Band / Orchestra)	
	Choral (Choral / Keyboarding)	
Section 06	DRAMA	19
Section 07	HEALTH & PHYSICAL EDUCATION	21
	Health	
	PE (Incl. Health Lab)	
Section 08	SPECIAL EDUCATION (Severe and Profound)	29
Section 09	AUDITORIUM	33
	Auditorium	
	Mechanical Mezzanine (Level 3 / Bldg. C)	
<b>SUPPORT AREAS</b>		
Section 10	ADMINISTRATION	38
	Main Administration Suite	
	Faculty Workrooms	
	Satellite Administration Suites	
Section 11	COUNSELING	42
Section 12	SCHOOL NUTRITION	45
	Kitchen	
	Cafeteria	
Section 13	BUILDING SERVICES	50
Section 14	OUTDOOR AREAS	55
	14.1 Outdoor Spaces	
	14.2 Site Facilities (Playfields)	
	14.3 Stadium	
<b>OTHER PROGRAMS</b>		
Section 15	BASIC CAREER TECHNOLOGY	63
	15.1 Business & Computer Science	
	15.2 Engineering & Technology	
	15.3 Family & Consumer Science	
	15.4 Junior ROTC	
Section 16	CAREER TECHNOLOGY OPTIONAL PROGRAMS	79
	16.1 Culinary Arts	
	16.2 Health Science	
<b>APPENDIXES</b>		
	Appendix A - Square Footage Summary	88
	Appendix B - Furnishings & Equipment	100
	Appendix C - Space Layout Drawings	124
	Appendix D - Space Relationship Diagrams	125



	CR1 2	Reference Instructional Technology Required Specifications in the Design Guidelines.
Data:	CR1 1, CR1 2	Reference Instructional Technology Required Specifications in the Design Guidelines.
	Teaching Wall:	
Clock:	CR1 1, CR1 2	
Intercom:	CR1 1, CR1 2	
Data:	CR1 1, CR1 2	Provide receptacle and voice/data outlet for Interactive Board.
DVD:	CR1 1, CR1 2	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	CR1 1, CR1 2	Provide one (1) television outlet.
Projector:	CR1 1, CR1 2	Provide ceiling mounted receptacle and data outlet for projector.
Other:	CR1 1, CR1 2	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	CR1 1, CR1 2	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- 1 n/a

### HVAC

- 1 Refer to Design Guidelines for system requirements.
- 2 Mount IDF cabinets in 5x5 room or place in storage room with proper ventilation heating and cooling.

### Acoustics

- 1 Provide acoustical separation in compliance with ANSI standards for schools.

### General Notes

- 1 Provide locks on all doors.
- 2 Interactive Board placement to be coordinated with light fixtures and manufacturers requirements. Contractor to provide wiring per electrical drawings and secure to structure as required.
- 3 Provide exterior window for each classroom, where possible.
- 4 Interactive Board / Components (Shelf, Projector etc.): Provided and installed by Owner. GC to provide power and data as required for operation of Interactive Board
- 5 Computers / Computer Desks: Provided and installed by Owner. GC to provide power and data as required for operation of computers and computer equipment per Instructional Technology requirements.
- 6 Refer to Design Guidelines for door hardware requirements.

## Section 02 - CLASSROOM TYPE 2 - Science Lab

### General Description

**Classroom Type 2, Science Lab**, provides students the opportunity to become active participants of scientific processes through a variety of "hands-on" experiences. Students participate in large and small group activities (discussion, lab demonstrations, field experiences etc.), conduct experiments, utilize computer technology, and listen to and observe demos by instructors. **Key Adjacency:** Science Lab Storage rooms are shared between two lab areas. Locate Science Labs together in close proximity to general classrooms.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
SC 1	Science Labs	1600	14	22400	
SC 2	Science Prep/Storage	200	7	1400	
<b>Total Area SF</b>				<b>23800</b>	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
	<b>Labs:</b>			
MB	SC 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	SC 1	8' x 4'	1	OP. Center on teaching wall.
TB	SC 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	SC 1	12' x 4'	1	Locate above computer stations.
FH	SC 1	48"w x 30"d	1	Provide base cabinets below fume hood.
CLK	SC 1		1	Locate at teaching wall.
EW	SC 1		1	Locate at Teacher Demo Station. Integral w/demo station.
FE	SC 1		1	
SG	SC 1		1	Locate adjacent to Fume Hood.
CMP	SC 1			OP - Reference Instructional Technology Plan.
PTD	SC 1		1	1 per student workstation @ sink area
SD	SC 1		1	1 per student workstation @ sink area
DG	SC 1		1	1 per student workstation
	<b>Prep Rooms:</b>			
FH	SC 2	48"w x 30"d	1	
AC	SC 2	43"x18"x65"	1	
EW/ES	SC 2		1	Stainless steel drench shower.
MFC	SC 2	32"x32"x65"	1	
FE	SC 2		1	
DW	SC 2		1	
RF	SC 2	Full Size	1	Provide one (1) refrigerator per prep room.

MB - Marker Board

MFC - Metal Flammable Cabinet

SG - Safety Goggle Cabinet

TB - Tack Board

FH - Fume Hood

AC - Acid Cabinet

EW/ES - Eye Wash, Emergency Shower

CLK - Elec. Wall Clock

RF- Residential Refrigerator

EW-Eye Wash (combined w/sink)

DG - Dual gas jets

IB - Interactive Board

CMP - Computers (student)

OP - Owner Provided

DW - Dish Washer

SD - Soap Dispensers

PTD - Paper Towel Dispenser

### Finishes

Walls: a All spaces

Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.

b All spaces All walls to extend to underside of deck. Walls to be constructed of CMU.

Floors: a All spaces Provide vinyl composition tile w/ 4 " rubber base in all spaces.

Ceilings: a All spaces Provide 2x2 standard acoustical ceiling tile in all classrooms.

b All spaces Provide 2x4 fluorescent fixtures in all spaces.

Counters: a Flat Black Epoxy countertops at casework

Stations: a Flat Black Epoxy countertops at seven (7) student lab tables, and one (1) teacher demo station.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size(wxdxh)	Notes
SC 1	Labs	Teacher Cabinet		1	3'x2'x7'	
		Base Cabinet, Upper Cabinet, Work Counter	40 LF	7		Student Workstations w/single bowl sink. (One of seven stations, ADA.)
		Base Cabinet		1		Provide below Fume Hood.
		Teacher Demo Station	12 LF	1		Teacher Demo Station w/ single bowl sink. (ADA Height)
SC 2	Prep Storage *	Wall 1:				
		Teacher Cabinet		1	3'x2'x7'	
		Upper Cabinet	15 LF			
		Base Cabinets				
		Wall 2:				
	Shelves	15 LF		90"wx12"d	Wall mounted, 2 tier above base cabinets. *	
	Base Cabinets					

\* All cabinetry to be lockable.

### Utilities

Electrical	Location	Lighting & Communications
Power:	SC 1 - T. Demo Station	Provide conduit stub up for connection to millwork mounted receptacle.
	SC 1, SC 2 - Casework	Provide three (3) quadraplex outlets above counter @ each sink area.
	Classroom Computer Area:	
	SC 1 - Computers	Provide 4 x 4 junction box, single gang plaster ring, temporary cover plate, and 3/4 "C stubbed into corridor with bussing, above ceiling.
	SC 1 - Computers	Provide three (3) quadraplex receptacles (w/ data).
Data:	SC 1 - Computers	Provide two (2) data outlets.
	Teaching Wall:	
Hood:	SC 1	Provide junction box for connection to fume hood.
Clock:	SC 1	Provide receptacle for clock.
Intercom:	SC 1	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	SC 1	Provide receptacle and voice/data outlet for Interactive Board.
DVD:	SC 1	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	SC 1	Provide one (1) television outlet.
Projector:	SC 1	Provide ceiling mounted receptacle and data outlet for projector
Other:	SC 1, SC 2	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	SC 1, SC 2	Technology Infrastructure: Reference Instructional Technology requirements in the Design Guideline.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- |   |            |   |
|---|------------|---|
| 1 | SC 2       | Provide plumbing for eye wash, and emergency shower stations w/ drains.   |
| 2 | SC 1       | Provide gas connections, cold and hot water at workstations and teacher demo table.                               |
| 3 | SC 1, SC 2 | Provide acid resistant piping in lab and prep room areas .  |
| 4 | SC 1       | Lab sinks are integral with laboratory provided casework.   |
| 5 | SC 1       | Provide one (1) single sink per each student workstation (total 6);and one (1) single sink at teacher demo table. |
| 6 | SC 2       | Provide one (1) single sink per each lab prep room.   |

### HVAC

- |   |            |  |
|---|------------|--|
| 1 | SC 1, SC 2 | Provide fume hood. See Design Guidelines for requirements. |
| 2 | SC 2       | Provide exhaust fan purge button adjacent to fume hood.    |
| 3 | SC 1, SC 2 | Provide limited-range temperature control.                 |
| 4 | SC 1, SC 2 | Refer to Design Guidelines for system requirements.        |

### Acoustics

- |   |      |  |
|---|------|--|
| 1 | None |  |
|---|------|--|

### General Notes

- |   |   |
|---|---|
| 1 | Provide locks on all doors.   |
| 2 | Provide classroom work spaces with valved gas, water and electrical supplies that are controlled through a key control with emergency stop for each work area. The gas soleroid valve for the laboratory gas system should be normally closed and |
| 3 | Interactive Board/Components (shelf, projectors etc.) are provided and installed by Owner. GC to provide power and data as required for operation of Interactive Board.   |
| 4 | Computers/Computer Desk are provided and installed by Owner. GC to provide power and data as required for operation of computers and computer equipment per Instructional Technology requirements.  |

## Section 03 - MEDIA CENTER

### General Description

The **Media Center** serves the entire school population by providing appropriate materials to support and enrich the curriculum. Media Center Activities include individual as well as large and small group instruction, reading, browsing, listening and viewing areas. Establish a prominent and visible main entrance to facilitate security and way finding for users. Provide direct line of sight from the distribution desk to all student computer areas, for monitoring/supervision purposes. Appropriately located electrical/data outlets throughout the Reading Room to facilitate small group study in various parts of the space. The space should accommodate two full class sizes in two distinct areas of the library; as well as an average class size in the computer area. Provide soft seating options near the periodical area. Natural lighting is a desired amenity; with the option of darkening the space for projection screen/ interactive board presentations. **Key Adjacency:** The Media Center should be located centrally within the school with ease of access from all classroom wings.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
MC 1	Main Reading Room	5300	1	5300	
MC 2	Conference Room ( 12 person)	250	1	250	MC 1
MC 3	Offices	150	2	300	MC 1 (Distribution Desk), MC 6
MC 4	Audio/Visual Non-Print Storage	500	1	500	MC 1
MC 5	Media Production Distribution	400	1	400	MC 1, MC 4
MC 6	Workroom	350	1	350	MC 1
MC 6 a	Toilet (internal to Workroom)	50	1	50	MC 6
MC 7	Reading Room	300	1	300	MC 1, MC 2
Total Area SF				7450	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
MB	MC 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	MC 2	8' x 4'	1	OP. Center on presentation wall.
TB		4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	MC 1 (computer area)	12' x 4'	1	Locate above computer stations.
IB	MC 2	3'-6" x 4'	1	OP. Installed by Owner.
PIB	MC 4			OP. Portable Interactive Board.
TB	MC 3, MC 5, MC 6, MC 7	4' x 4'	1	
MB	MC 2, MC 3, MC 5, MC 6, MC 7	4' x 4'	1	
C/BKT	MC 3		1	
CMPR	MC 1		1	
DS	MC 1			Provide book theft detection system at main entry door.
CAM	MC 1			
IE				OP - refer to Instructional Technology requirements.
PS	MC 1	84" x 84"	1	
PTD	MC 6		1	Provide @ sink area.
SD	MC 6		1	Provide @ sink area.
CLK	MC 1		1	
WS	MC 1			
LC	MC 4			OP - refer to Instructional Technology requirements.
MC	MC 4			OP - refer to Instructional Technology requirements.
CMP	MC 1			OP - refer to Instructional Technology requirements.
CMP	MC 1, MC 4			OP - refer to Instructional Technology requirements.

MB - Marker Board

CLK - Electronic Wall Clock

CMPR - Ceiling Mtd. Projector

CMP - Computers (student)



TB - Tack Board	PS - Projection Screen (recessed)	C/BKT - Component Bracket (wall mtd)
IB - Interactive Board	WS - Window Shades (manual)	OP - Owner Provided
PIB - Interactive Board	LC - Laptop Carts	MC - Multi Media Carts
	PTD - Paper Towel Dispenser	SD - Soap Dispensers

### Finishes

Walls:	a All Spaces	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
<hr/>		
Floors:	a MC 1, 2, 7	Provide carpet w/ 4" rubber base.
	b MC 3, 4, 5, 6	Provide vinyl composition tile w/ 4 " rubber base in all spaces.
	c MC 6 a	Provide ceramic tile (CT) w/ ceramic base. *
<hr/>		
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile and 2x4 fluorescent fixtures in all spaces, w/ the exception of the following.
	b All Spaces	Provide minimum 10'-0" ceiling height w/ exception of the following.
	c MC 1	May provide a combination of lighting solutions and ceiling plane configurations/heights if design solutions meet adequate levels of lighting for reading, audio visual, and acoustic purposes.
	d MC 1	Provide projection screen pocket for retractable projection screen.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size(wxdxh)	Notes
MC 2	Conference Room	Storage Cabinet (lockable)		2	3'x2'x7'	
		Built-in Open Shelving Unit *		3	30"x12"x7'	Provide shelving between STC cabinets.
MC 3	Office	Built-in Storage Shelves	8 LF	2	4'x12"x7'	
MC 4	Audio/Visual NPS	Storage Cabinet (lockable)		2	4'x2'x7'	
		Built-in Open Shelving Unit *		8	30"x12"x7'	Provide shelving between STC cabinets.
MC 5	Media Production Dist.	Storage Cabinet (lockable)		2	3'x2'x7'	
		Built-in Open Shelving Unit *		4	30"x12"x7'	Provide shelving between STC cabinets.
		Base Cabinet	13 LF			
		Upper Cabinet	13 LF			
MC 6	Workroom	Work Counter	13 LF			
		Coat Closet (Lockable)		1	3'x2'x7'	
		Base Cabinet, Upper Cabinet	20 LF			Provide double bowl sink

\* Note: Built-in Open Shelving Unit ( 3 shelves - fixed)

### Furniture

Space No.	Room Name	Unit Type	Qty	Size(wxdxh)	Notes
MC 1	Main Reading Room	Book Shelves (Tall)	82	36"x12"x82"	# 9 Unit
		Book Shelves (Short)	27	36"x12"x42"	# 15 Unit
		Lighted Lockable Display Case	2	4'x24"x7'	
		Rectangular Tables	15	30" x 60"	Seats 6 persons.
		Round Tables	9	4' diameter	Seats 4 persons.
		Computer Workstation Desks	16	24" x 36"	
		Computer Workstation Chairs	25		
		Circulation Desk-ADA*	1		
		Circulation Desk Chair	1		
		Book Truck	1		
		Atlas Stand	1		
		Dictionary Stand	1		
		Copy Machine Stand	1		
Mobile Display book truck	1				
MC 7	Reading Room	Book Shelves	16	36"x12"x 42	# 15 Unit

Round Tables

2 4' diameter Seats 4 persons

\*(Circulation Desk w/modular removable book return unit & depressible shelf.)

**Utilities**

Electrical	Location	Lighting & Communications
Power:	All Spaces	Provide electrical outlets @ 12' max spacing w/ not less than one (1) duplex receptacle per wall, <b>or as required by code. This is in addition to Instructional Technology Requirements.</b>
	All Spaces	See Instructional Technology Guidelines for specific requirements.
Power:	MC 1	Provide receptacle for clock.
	MC 1	Provide receptacle & TV/RGB outlet for DVD Player.
	MC 1 - Circ. Desk	Provide two (2) quadraplex outlets, and two (2) data outlets.
	Classroom Computer Area:	
	MC 1 - Computers	Provide four (4) floor mounted receptacles.
	MC 6 - Computers	Provide two (2) quadraplex outlets, and one (1) data outlet.
	Offices:	
	MC 3 - Offices	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
Data:	MC 3 - Offices	Provide two (2) data outlets.
Intercom:	MC 2, MC 7	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system
Data:	MC 2	Provide receptacle & voice/data outlet for Interactive Board.
Lighting:	MC 1	Provide combination of large pendant fixtures, downlights and fluorescent indirect/direct lighting. Coordinate ceiling mounted projector placement with light fixtures and manufacturers requirements. Provide downlight fixtures at gyp board ceiling areas.
Security	MC 1	Security Camera (cig. Mounted): Provide junction box and raceway.
TV:	MC 1	Provide one (1) television outlet. Provide 18"x18"x4" deep junction box 8" AFF. Provide 2 - 2 " conduit in wall to above ceiling and stub out in corridor above ceiling.
Other:	MEDIA CENTER	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	MEDIA CENTER	Technology Infrastructure: Reference Instructional Technology requirements in the Design Guideline.

\*Instructional Technology outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

1	MC 6	Provide one (1) double bowl sink.
2	MC 6 a	Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.

**HVAC**

1	All spaces	Provide limited-range individual temperature control in all areas.
2	MC 1	Provide humidity sensor(s).
3	Media Center	Refer to Design Guidelines Division 15 - Mechanical for requirements.

**Acoustics**

1		Refer to Design Guidelines.
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**General Notes**

## Section 04 - ART

### General Description

The Art classroom provides instruction for techniques and processes required to create and produce a variety of 2 and 3 dimensional media; including ceramics, sculpture, printmaking, photography, film making, computer art, fiber arts and art criticism. Art education provides students opportunities to see, analyze and research art history, as they develop and practice creative, expressive and critical thinking. An essential feature of the program is to expose students to a wide variety of media, techniques, and processes in a structured learning situation; to enable every student to become artistically literate, creative and a lifelong participant in the fine arts. **Key Adjacency:** Locate on the First Floor with direct access to the Art Patio.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
ART 1	Art Lab ( 2-D - Drawing, Painting)	1600	1	1600	First Floor / Direct access to Art Patio
ART 2	Office ( 1 person)	150	1	150	ART 1
ART 3	Storage	170	1	170	ART 1
ART 4	Art Lab ( 3-D - Ceramics, Sculpture)	1600	1	1600	First Floor / Direct access to Art Patio
ART 5	Kiln Room (1 kiln)	150	1	150	ART 4
ART 6	Office ( 2 person)	150	1	150	ART 4
ART 7	Storage		1	170	ART 4
<b>Total Area SF</b>				<b>3990</b>	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
MB	ART 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	ART 1	8' x 4'	1	OP. Center on teaching wall.
TB	ART 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	ART 1	12' x 4'	1	Locate above computer stations.
DC	ART 1, ART 4	36x12x74	1	
SHLV	ART 5	36x12x72	6	Provide free standing floor-ceiling shelving, 2 units
KN	ART 5		1	Provide digital kiln w/ shelves and stilts.
SK2	ART 1		2	
SK2	ART 4		3	
PTD	ART 4		1	Provide one (1) per sink.
SD	ART 4		1	Provide one (1) per sink.
SR	ART 4		1	OP
DSH	ART 1, ART 4			
CLK	ART 1, ART 4		1	
DR	ART 1, ART 4		1	OP
TB	ART 1, ART 4	4' x 4'	1	
MB	ART 1, ART 4	4' x 4'	2	
CMPR	ART 1, ART 4		1	OP
PS	ART 1, ART 4		1	OP
C/BKT	ART 1, ART 4		1	
IB	ART 1, ART 4	3'-6" x 4'	1	OP. Installed by Owner on Teaching Wall.
CMP	ART 1, ART 4			OP - Refer to Instructional Technology requirements.

MB - Marker Board

SR - Slab Roller

CMPR - Ceiling Mtd. Projector

DC - Display Case w/ Spotlights

TB - Tack Board

DSH - Darkening Shades

OP - Owner Provided

SHLV - Shelving (stainless steel)

CLK - Electronic Wall Clock

SK2 - Double bowl sink

PS - Projection Screen

IB - Interactive Board

KN - Kiln (digital)

CMP - Computers (student)

C/BKT-Component Bracket (wall mtd.)

PTD - Paper Towel Dispenser

SD - Soap Dispensers

**Finishes**

Walls:	a All spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a ART 1, 3, 4, 5	Provide vinyl composition tile (VCT), w/ 4" rubber base.
	b ART 2, ART 6	Provide carpet w/ 4" rubber base.
Base:	a All spaces	Provide rubber base all spaces.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces.
	b All Spaces	Provide 2x4 fluorescent fixtures.
	c All Spaces	Provide minimum 9'-4" ceiling height in all other spaces.
	d ART 1, ART 4	Provide minimum 10'-0" ceiling height in art labs.

Casework						
Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
ART 1, 4	2 D, 3 D - Art Labs	Upper Cabinet	20 LF	6	30"x12"x30"	
		Work Counter	20 LF		24" d	Epoxy resin counter top.
		Built-in shelving		1	12" d	Provide overhead shelving (open) between Teacher Cabinet and Upper Cabinet casework units.
		Teacher Cabinet		1	3'x2'x7'	Lockable
		Storage Cabinet		1	3'x2'x7'	Lockable
		Drying Racks (Vertical)		1	43"x24"x36"	GC to coordinate racks w/ casework.
		Drying Racks (Horizontal)		1	53"x24"x36"	GC to coordinate racks w/ casework.
ART 4	3 D - Art Lab	Base Cabinet Types:	20 LF			
		Sink Cabinet (Handicap Unit )		3	30"x24"x30"	Provide double bowl sink, ADA compliant
		Base Cabinet (2 door)		1	30"x24"x30"	
		Base Cabinet (3 drawer)		2	16"x24"x30"	
		Sink Cabinet (Handicap Unit )		2	30"x24"x30"	Provide double bowl sink, ADA compliant
		Base Cabinet (2 door)		2	30"x24"x30"	
ART 5	Kiln Room	Base Cabinet (3 drawer)		2	16"x24"x30"	
		Built-in shelving ?		2	12" d ?	Provide floor-ceiling shelving, 2 units

### Utilities

Electrical	Location	Lighting & Communications
Power:	ART 5 - Kiln Room	<del>Provide non-fused disconnect for kiln.</del> Provide outlets as required for kiln and ventilation system, in addition to rough-in for future second kiln and ventilation system. Coordinate exact connection type with kiln vendor prior to rough-in.
	Classroom Computer Area:	
	ART 1, 4 - Computer	Provide 4 x 4 junction box, single gang plaster ring, temporary cover plate, and 3/4 "C stubbed into corridor with bussing, above ceiling.
	ART 1, 4 - Computer	Provide three (3) quadruplex outlets, and one (1) data outlet.
	Offices:	
Power:	ART 2 - Office	Provide one (1) duplex receptacle, one (1) quadruplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
Data:	ART 2 - Office	Provide two (2) data outlets.
Intercom:	ART 1, 2, 4, 6	Provide push button 4 x 4 box, single gang plaster ring and 3/4"C stubbed into ceiling for intercom system.
	Teaching Wall:	
Clock:	ART 1, ART 4	Provide receptacle for clock.
TV:	ART 1, ART 4	Provide receptacle and TV/RGB outlet for DVD Player.
Data:	ART 1, ART 4	Provide receptacle and voice data outlet for Interactive Board.
Lighting:	ART 1, ART 4	Coordinate ceiling mounted projector placement with light fixtures and manufacturers requirements.
Other:	ART 1 thru 6	requirements.
	ART 1 thru 6	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

1	ART 1	Provide multiple double bowl sink locations, w/solids interceptor; allowing space for basket removal. Provide two (2) double sinks. One (1) sink to be ADA accessible.
2	ART 4	Provide multiple double bowl sink locations, w/solids interceptor; allowing space for basket removal. Provide three (3) double sinks. One (1) sink to be ADA accessible.

## HVAC

- 1 All spaces: Provide limited-range individual temperature control in all areas. Refer to Design Guidelines for HVAC system requirements.
- 2 ART 4 Exhaust for kiln provided by Owner. Installation by General Contractor. GC to provide wall sleeve and cap for exhaust outlet. Confirm size with manufacturer prior to installation.
- 3 ART 4 Provide exhaust vent for enameling kiln and soldering area: to be on a 12 hour manual timer. ?
- 4 General Refer to Design Guidelines for system requirements.

## Acoustics

- 1 All spaces Refer to Design Guidelines.— Provide acoustical separation in compliance with ANSI standards for schools.

## General Notes

- 1 Casework: Provide above counter GFCI outlets.
- 2 Windows / Daylighting: Provide exterior windows for each classroom w/access to exterior art patio. Provide daylighting control / shading to avoid direct sunlight into classrooms.
- 3 Refer to Design Guidelines for window system and glazing requirements.
- 4 Interactive Board / Components (Shelf, Projector etc.): Provided and installed by Owner. GC to provide power and data as required for operation of Interactive Board.
- 5 Computers / Computer Desks: Provided and installed by Owner. GC to provide power and data as required for operation of computers and computer equipment per Instructional Technology requirements.

## Section 05 - MUSIC

### General Description

The Music curriculum offers Exploratory Music, Band, Orchestra, Chorus and Keyboard. The music curriculum provide students opportunities to express themselves by performing, describing, creating, and responding to music. Music classes are taught in classrooms that are specifically designed for music instruction. **Key Adjacency:** Locate Music Suite within close proximity to the Stage and Auditorium facilities, on the ground level.

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
<b>Intrumental Music (IM) - Band / Orchestra:</b>					
IM 1	Band Room	2200	1	2200	Toilet Facilities, Exterior Access
IM 2	Storage - Uniform	400	1	400	IM 1
IM 3	Storage - Band Equipment	400	1	400	IM 1
IM 4	Practice Rooms	100	2	200	IM 1
IM 5	Office (Band Director)	150	1	150	IM 1
IM 6	Music Library	150	1	150	
IM 7	Orchestra Room	2000	1	2000	
IM 8	Storage - Orchestra Equipment	400	1	400	IM 7
IM 9	Band/Music Corridor (internal circulation)	140	1	140	
<b>IM Subtotal</b>				<b>6040</b>	
<b>Choral Music (CM) - Choral / Keyboarding:</b>					
CM 1	Chorus Classroom	1800	1	1800	IM 1, IM 7
CM 2	Chorus Equipment Storage	200	1	200	CM 1
CM 3	Office (Choral)	150	1	150	CM 1
CM 4	Keyboard Classroom	800	1	800	
CM 5	Music Library	150	1	150	CM 4
CM 6	Practice Rooms	100	2	200	CM 4
CM 7	Storage - Uniform	200	1	200	IM 9, Auditorium Stage
<b>CM Subtotal</b>				<b>3500</b>	
<b>Total Area SF</b>				<b>9540</b>	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	Notes
MB	IM 1, 7 / CM 1, 4	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	IM 1, 7 / CM 1, 4	8' x 4'	1	OP. Center on teaching wall.
TB	IM 1, 7 / CM 1, 4	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	IM 1, 7 / CM 1, 4	12' x 4'	1	Locate above computer stations.
MBWL	IM 1, 7 / CM 1, 4	4' x 12'	1	
TB	IM 1, 7 / CM 1, 4	4' x 4'	2	
TB	IM 5, IM 6 / CM 3	4' x 4'	1	
CMP	CM 4			OP - Refer to Instructional Technology requirements.
IB	CM 4		1	OP - Refer to Instructional Technology requirements.
CLK	IM 1, 7 / CM 1, 4		1	
PR	CM 1		set	
ISC	IM 1	Variety		Coordinate size/quantity w/ Owners requirements

ISC	IM 2			29x29x 84	3	
ISC	IM 2			27x29x 84	2	
ISC	IM 2			27x29x 84	3	
ISC	IM 4 a			48x29x 84	1	
ISC	IM 4 b			48x29x 84	3	
ISC	IM 8			29x29x 84	2	
WF	CM 1				1	



AP	IM 1, 7 / CM 1,4, 6			Provide on all walls as design allows.
TB - Tack Board	AP - Acoustical Panels	OP - Owner Provided	IB - Interactive (Smart) Board	
CLK - Electronic Wall Clock	PR - Portable Risers	CMP - Computers (student)	C/BKT-Component Bracket (wall mtd)	
MBWL - Marker Board w/ lines		WF - Water Fountain (see FF&E)	ISC-Instrument Storage Cabinets (Wenger)	

Note: Coordinate size and quantity of Instrument Storage Cabinets w/ Owners requirements.

### Finishes

Walls: a Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred. All walls to extend to underside of deck. All walls to be constructed of CMU. Do not field paint acoustical panels.

Floors: a Provide carpet in all spaces w/ 4" rubber base

- Ceilings:
- a Provide 2x2 standard acoustical ceiling tile in all spaces.
  - b Provide 2x4 fluorescent fixtures in all spaces with exception of IM 2, Uniform Storage.
  - c Sound transmission between music suite and other spaces. Reference Design Guideline Division 1, Acoustical Standards.
  - d IM2 open to structure. (OPS) Provide strip fluorescent fixture suspended from structure.
  - e Provide min 14' - 0" ceiling height Chorus Classroom, CM 1.
  - f Provide min 18' - 0" ceiling height in Band Room IM 1, and Orchestra Room IM 7.
  - g Provide min 10' - 0" ceiling height in all other spaces.

### Casework

Space No.	Room Name	Unit Type	Qty	Size (wxdxh)	Notes	
IM 1	Band Rehearsal Room	Teachers Cabinet (lockable)	1	3'x2'x7'		
		Storage Cabinet (lockable)	1	3'x2'x7'		
		Built-in Book Shelves	36 LF	12	3'x1'x26"	
		Instrument Storage Cabinets		4		
IM 2	Storage - Uniform	Shelf and Coat Rod				
IM 3	Equipment Storage	Instrument Storage Cabinets	20			
IM 6	Music Library	Bookshelves	6			
IM 7	Orchestra	Teachers Cabinet (lockable)	1	3'x2'x7'		
		Storage Cabinet (lockable)	1	3'x2'x7'		
		Built-in Book Shelves	9 LF	3	3'x2'x7'	w/ adjustable shelves
CM 1	Chorus Classroom	Teachers Cabinet (lockable)	1	3'x2'x7'		
		Storage Cabinet (lockable)	1	3'x2'x7'		
		Built-in Book Shelves	24 LF	8	3'x2'x7'	w/ adjustable shelves
CM 2	Storage Room	Built-in Book Shelves	24 LF	8	3'x2'x7'	w/ adjustable shelves
CM 4	Keyboard Classroom	Teachers Cabinet (lockable)	1	3'x2'x7'		
		Storage Cabinet (lockable)	1	3'x2'x7'		
		Book Shelves		2		
CM 5	Music Library	Book Shelves		13		

### Utilities

Electrical	Location	Lighting & Communications
Power:	General	Provide electrical outlets @ 12' max spacing w/ not less than one (1) duplex outlet per wall.
	Teaching Wall:	
Power:	IM 1, IM 7 / CM 1, 4	Provide receptacle for clock.
	IM 5 - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
Intercom:	IM 1, 5, 6, 7 / CM 1, 4	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	IM 1, IM 7 / CM 1, 4	Provide receptacle and voice/data outlet for Interactive Board.
	IM 5 - Office	Provide two (2) data outlets.

DVD:	CM 4	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	CM 4	Provide one (1) television outlet
Projector:	IM 1, IM 7 / CM 1, 4	Provide ceiling mounted receptacle and data outlet for projector
Other:	MUSIC SUITE	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	MUSIC SUITE	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

- 1 Provide plumbing as required for dual drinking fountain.

## HVAC

- |   |             |   |
|---|-------------|---|
| 1 | All spaces: | Provide limited-range individual temperature control in all areas. Refer to Design Guidelines for HVAC system requirements. |
| 2 | MC 1        | Provide humidity sensor(s). Refer to Design Guidelines for system requirements.   |
| 3 | General     | Refer to Design Guidelines for system requirements.   |

## Acoustics

- |   |                      |   |
|---|----------------------|---|
| 1 | IM 1,4,7 / CM 1,4, 6 | Provide wall-mounted acoustical panels(factory finished) w/concealed attachment. Coordinate w/locations of receptacle appliances.                       |
| 2 | IM 1, IM 7, CM 1, 4  | Provide doors without grilled louvers. Provide sound seals at all classroom doors.  |
| 3 | IM 1, IM 7, CM 1, 4  | Avoid parallel walls within classrooms to limit echo; or provide wall mounted acoustical panels.  |
| 4 | IM 1, IM 7, CM 1, 4  | Provide CMU sand filled partition between adjacent music classrooms.  |
| 5 | IM 1, IM 7, CM 1, 4  | Extend wall acoustic treatment to top of structure.   |
| 6 | IM 1, IM 7, CM 1, 4  | Provide sound batt insulation above walls and ceiling tile.   |
| 7 | IM 1, IM 7, CM 1, 4  | Sound transmission between music suite and other spaces, including corridors, and rooms above and below the Music Classroom should meet ANSI standards. |

## General Notes

- 1 Provide interior window between IM 1, and Office (Band Director), IM 5.
- 2 Provide interior window between IM 6, and IM 7.
- 3 Refer to Design Guidelines for window system and glazing requirements.
- 4 Refer to Design Guidelines Division 8 for door width requirements.
- 5 Provide double doors to IM 1, IM 7 and CM 1 and CM 4.
- 6 Provide single 42" doors for access into Music Practice and Storage Rooms to facilitate movement of large instruments.
- 7 Need interior windows in IM 4 and CM 6 to music classrooms.



## Acoustics

- 1 All Spaces Classrooms and other core learning spaces must achieve minimum STC rating of 35.
- 2 All Spaces Refer to Design Guidelines.

## General Notes

- 1 Provide locks on all doors.

## Section 07 - HEALTH & PHYSICAL EDUCATION

### General Description

The **Physical Education** curriculum provides students opportunities to participate in PE programs geared to their needs and abilities, to develop physical fitness, sportsmanship and safe practices. Students are involved in individual, dual and team games, self-testing activities, health/wellness instruction, conditioning exercises, coeducational activities and lifetime skills. The gym is also used for intramural, extramural, school and community functions and assemblies. Total required ~~gym-seating capacity for~~ ~~\_\_\_\_\_~~ Bleacher seating capacity for 1600. **Key Adjacency:** Separate from academic areas with access to playfields, and parking facilities.

Bleacher seating capacity = 1600  ~~-/ Total Gymnasium seating capacity = \_\_\_\_\_?~~

Activity / Space						
Space No.	Room Name	NSF	Qty	TSF	Adjacency	
PE 1	<b>Gymnasium:</b>					
a	Main Gym	16000	1	16000		
b	Mezzanine Track (5 lane)	6200	1	6200	Above bleachers at Mezzanine level	
c	Visitors Locker Room	250	1	250		
PE 2	<b>Boy's:</b>					
a	P.E. Locker Room	900	1	900	PE 2 b, PE 2 c	
b	Showers	300	1	300		
c	Toilet	300	1	300	PE 2 b	
d	Janitor Closet	40	1	40	PE 2 b	
e	Athletic Locker Room	1800	1	1800	PE 2 b, PE 2 c	
f	Locker Room Common Area (internal circulation)	500	1	500	PE 2 a, PE 2 f	
PE 3	<b>Girl's:</b>					
a	P.E. Locker Room	800	1	800	PE 3 b, PE 3 c	
b	Showers	600	1	600	( 6 regular stalls / 2 ADA stalls )	
c	Toilet	0	1	0	PE 3 b	
d	Janitor Closet	40	1	40	PE 3 b	
e	Athletic Locker Room	1080	1	1080	PE 3 b, PE 3 c	
f	Locker Room Common Area (internal circulation)	500	1	500		
PE 4	<b>Coach / Support Areas:</b>					
a	Coach Workroom	400	2	800	PE 4 b	
b	Coach Office (incl./ toilet, shower)	290	6	1740		
c	Laundry	300	1	300		
d	PE Office (Boy's & Girl's) incl. closet	400	2	800		
e	Training Room ( incl. /1 toilet, shower )	400	2	800		
PE 5	<b>Storage:</b>					
a	Storage - athletic (outdoor)	350	1	350		
b	Storage - athletic	875	1	875		
c	Storage - physical education	424	1	424		
d	Storage - athletic	794	1	794		
				<b>PE Subtotal</b>	<b>36193</b>	
PE 6	<b>Wellness:</b>					
a	Health Service Lab	1187	1	1187		
b	Health Classroom	823	2	1646	PE 6 c	
c	Multi-Purpose Room	2706	1	2706	PE 6 a	
	Multi-Purpose Room Storage Closet	239	1	239	Access thru PE 6 c	
				<b>Health Subtotal</b>	<b>5778</b>	

**Equipment**

The following items are to be specified in the		125	
Item	Room Location	Size (WxHxD)	#/RM
MB	PE 6 a, PE 6 b	4' x 4'	2
IB	PE 6 a, PE 6 b	8' x 4'	1
TB	PE 6 a, PE 6 b	4' x 4'	1
TB	PE 6 a, PE 6 b	12' x 4'	1
TB	PE 4a, PE 4b, PE 4c, PE 4d, PE 6a, PE 6b, PE 6c	4' x 4'	1

TB	PE 4a	4' x 8'	1	
MB	PE 4a, PE 4b, PE 4c, PE 4d, PE 6a, PE 6b, PE 6c	4' x 4'	1	
MB	PE 4a	4' x 8'	1	
IB	PE 6 b		1	OP Portable
WP	PE 1b		15	Provide @ column corners.
CMP	PE 6 b		4	
SC	PE 2b, 3b, 4e		1	
FEN	PE 5 a, PE 5 b, PE 5 d		1	Security/demarcation fencing for storage areas.
FEN *	PE 2 e, PE 3 e			Fence divider from top of lockers to bottom of ACT ceiling
HD	PE 4 d		1	
SP	PE 1 a		4	
CLK	PE 6 a, PE 6 b, PE 6 c		1	
FEC	PE 1b (3), PE 5a, PE 4c		1	
DDF	PE 2f, PE 3f, PE 6a, PE 1 a (2)		1	Locate @ Girls/ Boys corridor adj. to locker room.
MSK	PE 2d, PE 3d		1	
MI	PE 2c, PE 3c, PE 4e	48" x 36"	1	3' - 4" to bottom
SK	PE 2c, PE 3c, PE 4b, PE 4e		1	
SKI	PE 4 c			
MH	PE 2d, 3d		1	
SD	PE 2c, PE 3c, PE 4b, PE 4e			Wall mounted.
PTD	PE 2c, PE 3c, PE 4b, PE 4e			Wall mounted.
REF	PE 4 e			
SS	PE 2b, PE 3b, PE 4 b, PE 4e (1)		2	
SE	PE 1a			Goals, Nets, Poles etc.
FP	PE 1a		1	Fabric Partition
MS	PE 4c	36x24x88	5	
MS	PE 5c	36x24x88	17	
MS	PE 5d	36x24x88	28	
MS	PE 5a	36x24x88	35	
MS	PE 5b	36x24x88	28	
W/D	PE 4c		1	
WHPL	PE 4e		1	OP. Provided by Athletic Dept.
IM	PE 4e		1	OP. Provided by Athletic Dept., or 3rd party
EE	PE 6a			OP. Provided by Tech Education
SB	PE 1a		2	OP
BG	PE 1a		6	Mount to structure.
GPA	PE 1a		1	
BL	PE 1a		600	Ref. General Note section.
<b>Lockers</b>				
PEL	PE 2a	12"x12"x12"	163	Boys PE locker quantity
ATL	PE 2e		137	Boys Athletic locker quantity
PEL	PE 3a	12"x12"x12"	171	Girls PE locker quantity
ATL	PE 3e		85	Girls Athletic locker quantity



CL	PE 4b	24"x22"x72"	4	Coach office locker quantity - single tier
PEL	PE 4d	12"x12"x72"	4	Boy's PE Office locker
PEL	PE 4b, PE 4d	12"x12"x72"	4	Girl's PE Office locker
PEL	PE 1c	12"x12"x72"	4	Visitors Locker Room

MB - Marker Board	MSK - Mop Sink	BL - Bleachers (Folding)	SE - Sports Equipment
TB - Tack Board	MH - Mop Holder	BG - Basketball Goal (retractable)	FP - Fabric Partition Court System
CLK - Electronic Wall Clock	SK - Sink	WD - Washer, Dryer (individual)	DDF - Dual Drinking Fountain
IB - Interactive Board	SKI - Sink (Industrial)	REF - Refrigerator w/ice maker	MS - Metal Shelving
PEL - PE Lockers	WP - Wall Pads	WHPL - Whirlpool	SB - Electronic Score Board Equipment
ATL - Athletic Lockers	MI - Mirrors	IM - Ice Machine	GPA - Gym PA System
CL - Coach Lockers	EE - Exercise Equipment	SC - Curtain Rod / Shower Curtain	CMP - Computers (student)
FEC - Fire Extinguisher Cabinet	OP - Owner Provided	SS - Shower Seat	FEN - Fencing (Chain Link Partitions)
	HD - Heart Defibrillator	SD - Soap Dispenser	FEN * - Fencing (Chain Link Partitions)
		PTD - Paper Towel Dispenser	SP - Speakers (ceiling mounted)

### Finishes

Walls:	<p>a All Spaces</p> <p>b PE 1c, PE 1g, PE 4e, PE 2b,c,d, PE 2a,3a, PE 2e, 3e, PE 4b</p>	<p><b>Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred. All walls to extend to underside of deck. Walls to be constructed of CMU.</b></p> <p>Epoxy paint on CMU @ locker room, toilet, shower areas.</p>
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Floors:	<p>a PE 1a</p> <p>b PE 1b</p> <p>c PE 5a, PE 6c</p> <p>d PE 1c, PE 1g, PE 2a, 3a, PE 2e, 3e, PE 4c</p> <p>e PE 2d, 3d, PE5a, 5b, 5c, 5d</p> <p>f PE 4a, 4b, 4d, 4e, PE 6b</p> <p>g PE 2b,2c, PE 3b,3c, PE 4b, PE 4e</p>	<p>Provide Wood Flooring / VCT. Provide VCT in corridor around perimeter of Main Gym.</p> <p>Provide Fluid Applied Synthetic Sports Flooring w/ striping.</p> <p>Provide heavy duty Rubber Sports Flooring. Provide VCT in PE 6c storage closet.</p> <p>Provide Epoxy Floor Coating.</p> <p>Sealed Concrete</p> <p>Provide vinyl composition tile (VCT), w/ 4" rubber base.</p> <p>Provide ceramic tile (CT) w/ ceramic base in toilet/shower areas.</p>
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Base:	<p>a All spaces *</p>	<p>Provide rubber base all spaces, with exception of ceramic tiled areas.</p>
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Ceilings:	<p>a All Spaces:</p> <p>b All Spaces:</p> <p>c PE2b, 3b PE 4 b, 4 e</p> <p>d PE 1 a</p> <p>e PE 1 a</p> <p>f PE 2d, 3d, 1c, 4c, PE 5a, 5b, 5c, 5d</p> <p>g PE 4d</p> <p>h PE 1a, PE 5c, PE 6?</p> <p>i PE2b, 3b PE 4 b, 4 e</p>	<p>Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces, w/ following exceptions.</p> <p>Provide 2x4 fluorescent fixtures with the exception of the following:</p> <p>Provide downlights at GYB soffit areas.</p> <p>Exposed structure, open to above.</p> <p>Provide large pendant fixtures.</p> <p>Open to structure (OTS) - janitor closets, locker rooms</p> <p>Open to structure (OTS) - closet only.</p> <p>Provide surface mounted fluorescent fixtures.</p> <p>Provide Gypsum Board (WR GWB) in shower areas only.</p>
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### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
PE 4e	Training	Upper Cabinet	9 LF	4		
		Work Counter				
		Base Cabinet		3		
		Base Cabinet		1		w/ single bowl sink
PE 1b	Mezzanine Track	Wood Cap (42" Metal Guard Rail)				

PE 1c	Visitor's Locker Room	Bench	1
PE 4e	Training Room - Toilet	Bench	1
PE 2a	PE Locker Room	Bench	3

PE 3a	PE Locker Room	Bench	4	
PE 2e, 3e	Athletic Locker Room	Bench	3	
PE 4b	Coach's Office -Toilet	Bench	1	
PE 4d	PE Office	Shelf and Coat Rod	1	
PE 1a	Main Gym	Wall Pads	13	
PE 6c	Multipurpose	Wall Pads	22	Provide around room perimeter. (3 walls)
PE 1b	Mezz Track	Wall Pads	15	Provide @ columns and corners.
PE 6a	Health Service Lab	Wall Pads	18	
PE 6a	Health Service Lab	Mirror Panels	7	Provide at Teaching Wall.
PE 6c	Multipurpose	Mirror Panels	5	
PE 1a	Main Gym	Acoustical Panels		Ref. Acoustics section below.
PE 6b	Health Classroom	Teacher Cabinet (Lockable)	1	
PE 6b	Health Classroom	Book shelves	6	36x12x26
PE 6b	Health Classroom	Storage Cabinet (Lockable)	1	

Provide benches as part of locker manufacturers package.

### Utilities

Electrical	Location	Lighting & Communications
Power:	General	Provide electrical outlets @ 12' max spacing w/ not less than one (1) duplex outlet per wall.
Power:	PE 6a, 6b	Provide receptacle for clock @ Teaching Wall.
	Hall of Fame/Corridor, PE 1a	Provide junction box with cover for connection to bleachers by supplier. Install bleacher controller and fuse panel on corridor side of partition.
	PE 1a, 1b - Mezzanine	Provide annunciation devices (speaker/strobe)w/ wire guards.
	PE 1a	Provide safety disconnect swith for goal hoist motor if not provided integral to equipment
	PE 1a	Provide junction boxes for power, data, intercom and scoreboard connections to scorer's table. Provide interconnecting cabling to meet requirements of owner provided systems. Locate boxes to coordinate w/ bleachers.
	PE1a	Coordinate exact locations of wall receptacle with wall pads.
	PE 4b, PE 4d - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	PE 4c	Provide safety switch for washer and for dryer.
Detector:	PE 6a	Provide junction box and raceway for alarm motion detectors.
Intercom:	PE 4a, 4b, PE2a, 2e, PE 3a, 3e, PE 4d, PE 6a, 6b	Coordinate exact locations of wall receptacle with wall pads.
	PE 4b, 4e, 4d, PE 6b	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Fire Alarm:	PE 5a, PE 5d	Provide wall mounted horn or strobe, as required.
Projector:	PE 6a, 6b	Provide ceiling mounted receptacle and data outlet for projector
Teaching Wall @ Teachers Desk:		
Data:	PE 6a, 6b	Provide receptacle and voice/data outlet for Interactive Board.
	PE 4b, PE 4d - Office	Provide two (2) data outlets.
DVD:	PE 6b	Provide receptacle and TV/RGB outlet for DVD Player.
TV:		Provide one (1) television outlet
Other:	HEALTH & PE	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	HEALTH & PE	Technology Infrastructure: Reference Instructional Technology requirements in the Design Guideline.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- 1 PE 4e Provide single bowl sink
- 2 PE 4c Provide deep industrial sink and floor drain for washer.

**HVAC**

- 1 PE 4c Provide dryer exhaust.
- 2 General Refer to Design Guidelines for system requirements.

**Acoustics**

- 1 Main Gym: Provide wrapped acoustical panels at upper level of gymnasium.

## General Notes

- 1 Casework: Provide above counter GFCI outlets.
- 2 Exercise/Gym Equipment: Tech Education to provide exercise and other required equipment.
- 3 Main Gym Roof: Provide painted Structural Truss
- 4 Mezzanine Track: Provide painted steel railing at mezzanine.
- 5 Main Gym, Volleyball: Provide flush metal sleeve in court floor for insertion of volleyball net pole. (Typical of 2 for each court.)
- 6 Main Gym, Volleyball: Provide court striping (2" wide stipe typical).
- 7 Main Gym, Basketball: Provide court striping (2" wide stipe typical. 8" boundary stripe.)
- 8 Main Gym, Basketball: Provide ceiling mounted retractable basketball goal assembly above court.
- 9 Main Gym, Bleacher Capacity: Provide **sixteen hundred (1600)** folding electric operated gymnasium bleachers. Specifications to match DCSD standards.
- 10 Main Gym: Total Seat Count = 1600
- 11 Mezzanine Track: Provide 42" metal guardrail with wood cap - 3/4 " vertical steel pickets @ 3.75" spacing. Gate and locking mechanisms to match DCSS standards.
- 12 Mezzanine Track: Provide wire guards for Gymnasium lighting and exit signs.
- 13 Provide interior window between PE 4d and PE 1.

## Section 8 - SPECIAL EDUCATION

### (Severe & Profound)

#### General Description

Classrooms for Special Education provide services to students with varying disabilities in the least restrictive environment. Disabilities served include Autism (AU), Behavioral Disorders (BD), Learning Disabilities (LD), Hearing Impaired (HI), Language Impaired (LI), Mild Intellectual Disabilities (MI), Visually Impaired (VI), Traumatic Brain Injury (TBI) and Other Health Impairments (OI). Classrooms are configured according to standards established for regular classrooms, but for smaller numbers of students that can be self-contained (inter-related classroom.) **Key Adjacency:** Locate adjacent to other general classrooms, near exits.

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
Special Needs Suite (SPED 1 thru SPED 2)					
SPED 1	Suite Classroom (w/o kitchenette)	800	1	800	SPED 1a
SPED 1a	Suite Classroom (w/ kitchenette)	800	1	800	SPED 1
SPED 2	Adaptive Toilet (shared)	150	1	150	Shared bet. SPED 1 & SPED 1a
SPED 3	Office (Intinerant)	150	1	150	SPED 1 & SPED 1a
SPED 4	Classrooms (General)	800	6	4800	General Education Classroom Wing
Total Area SF				6700	

Equipment				
The following items are to be specified in the base contract unless noted otherwise.				
Item	Room Location	Size (WxH)	#/RM	#/RM
MB	SPED 1, SPED 1 a	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	SPED 1, SPED 1 a	8' x 4'	1	OP. Center on teaching wall.
TB	SPED 1, SPED 1 a	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	SPED 1, SPED 1 a	12' x 4'	1	Locate above computer stations.
MB	SPED 1, 1a, SPED 4	4' x 4'	2	Locate opposite to teaching wall.
TB	SPED 1, 1a, SPED 4, SPED 3	4' x 4'	1	Locate opposite to teaching wall.
IB	SPED 1, SPED 1a	5'- 6" x 4'-0"	1	OP. Installed by Owner on Teaching Wall.
SK	SPED 1a		1	
PTD	SPED 1a		1	Provide @ kitchenette sink area.
SD	SPED 1a		1	Provide @ kitchenette sink area.
STR	SPED 1a		1	Locate opposite to teaching wall.
EH	SPED 1a		1	
REF	SPED 1a	3'x31"x5'-8"	1	Locate opposite to teaching wall.
CLK	SPED 1, SPED 1a, SPED 2		1	
W/D	SPED 2		1	
CS	SPED 2	3' w x 2' d	1	Locate adjacent to wall-hung lavatory. Mtg. height 18".
TDD	SPED 2		1	Mounting height 4'-0" to slot.
TH	SPED 2		1	Mounting height 2'-5" to center of roll.
GB	SPED 2		1 pr.	Floor mounted. Locate to either side of water closet.
GB	SPED 2		1	Mounting height 2'-10".
MI	SPED 2	18" x 36"	1	Mounting height 6' - 2" to top
SD	SPED 2		1	Mounting height 3' - 4" to top
SC	SPED 2		1	Mounting height 5'-0".
SS	SPED 2		1	Mounting height 18" inside shower.
TEL	SPED 1a		1	OP
CMP	SPED 1, SPED 1 a, SPED 4			OP - Refer to Instructional Technology requirements.

MB - Marker Board		88 TDD -Towel Dispenser Disposal	W/D - Washer, Dryer (stackable)
TB - Tack Board		100 TH - Toilet Tissue Dispenser	REF - Refrigerator w/ice maker ??
IB - Interactive Board (NIC)		124 GB - Grab Bars (ambulatory)	SC - Curtain Rod & Shower Curtain
OP - Owner Provided		125 CMP - Computers (student)	C/BKT - Component Bracket (wall mtd)
WR - Waste Receptacles	SK - Sink	CLK - Electronic Wall Clock	EH - Exhaust Hood
TEL - Telephone		SD - Soap Dispenser	PTD - Paper Towel Dispenser
	OPS - Overhead Projector Shelf		

### Finishes

Walls:     a All spaces     Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.  
               b All spaces     All walls to extend to underside of deck. Walls to be constructed of CMU.

- Floors: a SPED 1a, 3 Provide vinyl composition tile w/ 4" rubber base.  
 b SPED 1a Provide vct in kitchenette portion of classroom only.  
 c SPED 1a, 1 Provide carpet w/ rubber base in classrooms.  
 d SPED 2 Provide ceramic tile (CT) w/ ceramic base

- Ceilings: a Provide 2x2 standard acoustical ceiling tile in all spaces.  
 b Provide 2x4 fluorescent fixtures in all spaces.  
 c Provide minimum 9'-0" ceiling height in SPEC 3, SPED 2.  
 d Provide minimum 10'-0" ceiling height in all other spaces.

Counters: a **SPED 1a**

Stations: a **Flat Black Epoxy countertops at student and teacher demo station**

**Casework**

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
SPED 1	Suite CR	Teachers Cabinet (lockable)		1	3'x2'x7'	Locate opposite exterior wall
		Storage Cabinet (lockable)		1	3'x2'x7'	Locate at window wall
		Cubbies	8 LF	4	13"x12"x12"	Locate at window wall
		Book Case		1	30"x12"x30"	Locate at window wall adj. to cubbies.
SPED 1a	Suite CR	Teachers Cabinet (lockable)		1	3'x2'x7'	Locate at window wall
		Storage Cabinet (lockable)		2	3'x2'x7'	Locate opposite exterior wall
		Cubbies (12" deep?) *	8 LF	14	13"x12"x12"	Locate at window wall. Double stack.
		Book Case		1	30"x12"x30"	Locate at window wall adj. to cubbies.
		Upper Cabinet	16 LF	6		Provide cut-out for contractor furnished stove-top and refrigerator.  w/ double bowl sink
		Work Counter	13 LF			
		Base Cabinet	13 LF	4		
Base Cabinet		1				
SPED 4	Classroom	Teachers Cabinet (lockable)		1	3'x2'x7'	Locate opposite exterior wall
		Storage Cabinet (lockable)		1	3'x2'x7'	
		Book Cases		6	36"x12"x30"	
SPED 2	Toilet (shared)	Work Table (Freestanding)		1		Provide a freestanding work table to support a sitting person. Provide washer/dryer.
		Adjustable Shelves	9 LF	3	3'w x 2'd	

\* Cubbie Openings 13" w x 12"d x 12"h

\* All casework plastic laminate unless otherwise noted.

**Utilities**

Electrical	Location	Lighting & Communications
Power:	SPED 1, 1a, 4	Provide receptacle for clock.
	SPED 3 - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	<b>Classroom Computer Area:</b>	
	SPED 4	Provide three (3) quadraplex receptacles, and two (2) data outlets @ ____ " AFF.
	<b>Teaching Wall:</b>	
Intercom:	SPED 1, 1a, 4, 3	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	SPED 1, 1a, 4	Provide receptacle and voice/data outlet for Interactive Board.
	SPED 3 - Office	Provide two (2) data outlets.
DVD:	SPED 1, 1a, 4	Provide receptacle and TV/RGB outlet for DVD Player.



- TV: SPED 1, 1a, 4 Provide one (1) television outlet.
- Projector: SPED 1,1a,4,3 Provide ceiling mounted receptacle and data outlet for projector.
  
- Other: SPEC ED Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
- SPEC ED Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

- 1 SPED 2 Provide one (1) ADA shower, one (1) single sink.
- 2 SPED 2 Adaptive Toilet: Provide adaptive sink, grab bar, wheelchair accessible shower, changing station, shelves on wall.
  
- 3 SPED 1a Provide one (1) double bowl sink.

**HVAC**

- 1 General Refer to Design Guidelines for system requirements.
- 2 SPED 1a Provide exhaust hood over cooking area equipment.

**Acoustics**

- 1 Classrooms and other core learning spaces must achieve minimum STC rating of 35.
- 2 Refer to Design Guidelines for system requirements.

**General Notes**

- 1 Refer to Design Guidelines for hardware.
- 2 Interactive (Smart) Board placement to be coordinated with light fixtures and manufacturers requirements. Contractor to provide wiring per electrical drawings and secure to structure as required.
- 3 Provide exterior window for each classroom, where possible.
- 4 **SPED 3:** Provide interior window in Office, adjacent to Spec Ed Suite Classrooms **SPED 1a and SPED 1.**
- 5 Interactive Board / Components (Shelf, Projector etc.): Provided and installed by Owner. GC to provide power and data as required for operation of Interactive Board.
- 6 Computers / Computer Desks: Provided and installed by Owner. GC to provide power and data as required for operation of computers and computer equipment per Instructional Technology requirements.

## Section 09 - AUDITORIUM

### General Description

The **Auditorium** is a multi-purpose instructional space shared by the entire school and community; suitable for performing arts instruction, performances in music, dance and drama. This space must provide adequate seating for school and community assemblies, large classes and musical/theatrical production. Proper lighting, sound and acoustic treatments should be incorporated into the design. The Auditorium should support flexible scheduling allowing for large and small groups rehearsing, performing, listening and viewing. The use of the Auditorium provides students with opportunities to apply skills needed for the management of various performing arts formats and technologies such as directing, producing, stage management and operation of theatre lights and sound. **Key Adjacency:** Locate on the ground level in close proximity to a main entrance. Locate near the Music Suite and the Drama department.

**Auditorium Seating Capacity:** 600 seats, plus required wheelchair spaces per ADA.

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
AUD 1	<b>Auditorium:</b>				
AUD 1 a	Auditorium & Pit	6000	1	6000	AUD 9 a
AUD 1 b	Auditorium Entrance Vestibules	0	2	0	AUD 1 a
AUD 1 c	Auditorium Spiral Access Stair Room	0	1	0	AUD 1 a
AUD 1 d	Suspended Catwalk	0	1	0	AUD 1 a
AUD 2	Costume Room	250	1	250	AUD 4
AUD 3	Storage Room	200	1	200	AUD 4
AUD 4	Stage	1700	1	1700	AUD 1 a, AUD 5
AUD 5	Scene Shop & Storage	1000	1	1000	AUD 4 / w/ direct access to outdoors
AUD 6	Dressing Room (Boy's & Girl's)	250	2	500	AUD 4
AUD 7	Toilet Room (single toilet)	70	1	70	AUD 6
AUD 8	<b>Mechanical Mezzanine:</b>				
AUD 8 a	Auditorium Control Room	200	1	200	AUD 1a / @ rear of auditorium
AUD 8 b	Dim Panel Room	0	1	0	Enter via AUD 8a
AUD 9	<b>Auditorium / Gym Support Spaces (shared):</b>				
AUD 9 a	Lobby (Hall of Fame) / Corridor	0	1	0	AUD 1b
AUD 9 b	Concessions	300	1	300	AUD 1b, AUD 9a
AUD 9 c	Concession Storage Closet (internal to Concessions)	50	1	50	Enter via 9b, Concessions
AUD 9 d	Ticketing	150	1	150	AUD 1b, AUD 9a
AUD 9 e	Womens Toilet ( 6 regular stalls / 1 ADA stall)	420	1	420	AUD 1b, AUD 9a
AUD 9 f	Mens Toilet ( 2 stalls, 4 urinals, 1 ADA stall)	420	1	420	AUD 1b, AUD 9a
AUD 9 g	IDF Room	0	1	0	
<b>Total Area SF</b>				<b>11260</b>	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	Notes
AWP	AUD 1a	Varies		Locate at rear of Auditorium.
AC	AUD 1a	Varies		(See Finishes section below)
CW	AUD 1a	Varies	1	(See General Notes section below)
AS	AUD 1a		600	Auditorium Seating Total
SHD	AUD 4		3	Provide smoke hatch doors
FE	AUD 1a		2	Locate fire extinguisher cabinets on side walls.
HCL	AUD 1a		1	

DRL	AUD 6		5	Provide lockers as part of locker manufacturers package.
CD	AUD 5		1	
CD	AUD 4		1	
MD	AUD 9 b, AUD 9 d			
STR	AUD 1c		1	Provide pre-manufactured steel spiral stair w/locking gate.
TDD	AUD 7		1	
TH	AUD 7			
GB	AUD 7			
MI	AUD 7	18" x 36"	1	
WR	AUD 7		1	OP
MI	AUD 6	60" x 36"	2	
MI	AUD 9e, 9f	48" x 36 "	2	
SK	AUD 6, AUD 9b		1	
WMP	AUD 1a		1	Mount at rear wall of Auditorium.
RP	AUD 1a		1	Provide dropdown projection device mounted to structure.
PS	AUD 4			Locate at midpoint of stage.
REF	AUD 9 b		1	
IM	AUD 9 b		1	OP. Provided by 3rd party.
DDF	AUD 9 a		1	
REF	AUD 9 b		1	
MS	AUD 3, AUD 5, AUD 9 c			
CLK	AUD 9 a			

REF - Refrigerator w/ice maker	DDF - Dual Drinking Fountain	AS - Auditorium Seating	AWP - Acoustical Wall Panels
STR - Spiral Stair	MI - Mirrors	CD - Overhead Coiling Door	AC - Acoustical Clouds
CW - Suspended Catwalk	TH - Toilet Tissue Dispenser	MD - Motorized Door	HCL - Handicapped Chair Lift
SHD- Smoke Hatch Doors	MI - Mirrors	IM - Ice Machine	TDD -Towel Dispenser
RP - Clg. Mtd. Retractable Projector	GB - Grab Bars	REF - Refrigerator w/ice maker	MS - Metal Shelving
WMP - Wall Mounted Projector	SK - Sink	WR - Waste Receptacles	CLK - Electronic Wall Clock
PS - Projection Screen	FE - Fire Extinguisher	SD - Soap Dispenser	PTD - Paper Towel Dispenser

### Finishes

Walls:	a All Spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.	
	b AUD 1a	Painted GWB	
	c AUD 1a	Stain Grade Paneling w/ reveals.	
Floors:	a AUD 1a	Heavy Duty Rubber Flooring	Provide at upper & lower seating areas
	b AUD 1a	Carpet	Provide at Auditorium aisles
	c AUD 1b	Carpet	Provide at auditorium entrance vestibules
	d AUD 8a	Carpet	Media Booth
	e AUD 4	Black painted masonite.	Provide at stage platform
	f AUD 5, 1c, 3, 8a, 8c	Sealed Concrete	Provide at Scene shop
	g AUD 2, 6, 9b, 9c, 9d, 9g	Provide vinyl composition tile (VCT).	
	h AUD 9e, 9f, AUD 7	Provide ceramic tile (CT) w/ ceramic base *	
	i AUD 9a	Epoxy Terrazzo	

Base:	a All spaces *	Provide rubber base all spaces, with exception of ceramic tiled areas.
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Ceilings:	a All Spaces:	Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces except those listed below.
	b AUD 1a, AUD 4	Open to structure.

c AUD 1a

Provide gypsum board acoustical clouds at ceiling plane, mounted to structure.

Casework						
Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
AUD 5	Stage	Wood Nosing		200	sf	Provide rounded wood nosing at front edge of stage.
AUD 1a	Auditorium	Wood Cap				Provide at top of Auditorium wall, at upper level seating areas.
AUD 1a	Auditorium	Acoustical Wall Panels				Locate at rear wall of Auditorium.
AUD 6	Dressing	Wall 1:				
		Counter Top	11 LF			w/ single bowl sink.
		Base Cabinet	9 LF			
		Wall 2:				
		Counter Top (open beneath)	25 LF			
AUD 1b	Vestibule	Display Cases		2		Provide display cases per vestibule.
AUD 9 b	Concessions	Wall 1:				
		Upper Cabinet	13 LF			
		Work Counter				Leave space for refrigerator.
		Base Cabinet	10 LF			w/ single bowl sink
		Wall 2:				
		Upper Cabinet	10 LF			
		Work Counter				
		Base Cabinet				
		Wall 3:				
		Base Cabinet	18 LF			Provide built in counter top w/base cabinets @ motorized door.
		Wall 4:				
		Built-in shelves (3 tier)	15 LF	3		Provide base cabinets w/ built-in wall mounted shelves ( 5' long) above.
		Base Cabinet	3 LF			
AUD 9 d	Ticketing	Upper Cabinet	23 LF			Provide plastic laminate countertop w/ base & wall cabinets.
		Base Cabinet	23 LF			
		Work Counter	10 LF			Provide built in counter top w/base cabinets @ motorized door.
		Base Cabinet	4 LF			
AUD 9 a	Lobby (Hall of Fame)	Lighted Trophy Cases		10		Corridor
AUD 1a	Auditorium	Stain Grade Wood Paneling				

Utilities

Electrical	Location	Lighting & Communications
Power:	AUD 9d	Install raise/lower switch furnished with motor operated door. Provide safety disconnect switch for motor if not provided integral w/ equipment.
	AUD 9a, Hall of Fame/Corridor	Provide junction box with cover for connection to bleachers by supplier. Install bleacher controller and fuse panel on corridor side of partition.
	AUD 1d	Mount electrical receptacles to catwalk.
	AUD 8b	Provide Dimming panel HDP, EMER transfer system panel, Dimming panel TDP, XFMR T-TDP.
	AUD 1a, AUD 5	Provide junction box and raceway for alarm motion detectors.

	AUD 5	Provide keyed up/down switch for operation of motorized projector device.
	AUD 1a, AUD 4	Provide annunciation devices (speaker/strobe)w/ wire guards at walls of stage.
	AUD 5, AUD 9d	Install raise/lower switch furnished with motor operated door and connect as directed by equipment supplier. Provide safety disconnect switch for motor if not provided integral with equipment.
	AUD 9g	Provide sleeves w/bushings stubbed into corridor, above ceiling. Provide painted fire rated plywood backboard.
	AUD 1a, AUD 9a	Provide receptacle for clock.
Intercom:	AUD 4	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	AUD 9b	Provide receptacle and voice/data outlet above counter.
Lighting	AUD 6	Provide vanity light fixture above counter. Mount above mirror in dressing room.
	AUD 1a	Provide surface mounted stair lights (Linear Strip fixture) at side walls adj. to stairway, @ upper level seating area.
	AUD 1a	Provide pendant fixtures @ lower level seating area.
	AUD 1a	Auditorium: Coordinate construction of acoustical gypsum board "clouds" with placement of theatrical lighting systems.
	AUD 3, 4, 5, 1a	Provide surface mounted fluorescent fixtures.
	AUD 4, AUD 1d	Provide theatrical fixtures.
	AUD 8b	Provide transformers and circuit breaker boxes to serve specified auditorium fixtures, in Dim Panel Room.
	AUD 8a	Provide toggle switch to control LED fixtures.
	AUD 8a	Provide dimming system master control switch.
Other:	AUDITORIUM	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	AUDITORIUM	Technology Infrastructure: Reference to Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- |   |               |   |
|---|---------------|---|
| 1 | AUD 6, AUD 9b | Provide single bowl sink                |
| 2 | AUD 9b        | Provide concession sink                 |
| 3 | AUD 9e, 9f    | Provide toilet accessories as required. |

### HVAC

- |   |            |   |
|---|------------|---|
| 1 | AUD 1a     | Paint auditorium return air grille to match adjacent Auditorium wall. |
| 2 | AUD 4      | Provide roof mounted smoke hatch doors over stage.                    |
| 3 | AUD 9a     | Provide mechanical mezzanine above main corridor.                     |
| 4 | All Spaces | Provide limited-range temperature control.                            |
| 5 | General    | Refer to Design Guidelines for system requirements.                   |

### Acoustics

- |   |        |  |
|---|--------|--|
| 1 | AUD 1a | Provide acoustical wall panels.                                    |
| 2 | AUD 1a | Provide acoustical cloud panels (suspended) at Auditorium ceiling. |

### General Notes

- 1 Auditorium: Provide motorized drop down projection device.
- 2 Auditorium: Provide windows in media booth, located at rear wall of Auditorium.
- 3 Casework: Provide above counter GFCI outlets, at AUD 7, dressing rooms.
- 4 Scene Shop: Provide one (1) overhead coiling door at building exterior.
- 5 Stage: Provide one (1) overhead coiling door between Stage and Scene Shop.
- 6 Stage: Provide depressed stage to receive painted MDF flooring.
- 7 Auditorium: Coordinate construction of acoustical gypsum board "clouds" with placement of theatrical lighting systems.
- 8 Catwalk: Suspend catwalk from structure. Provide attachment for theatrical lighting welded to structural "T". Coordinate w/ theatre consultant.
- 9 Media Booth: Provide min. 10'-0" width for projector slot.

## Section 10 - ADMINISTRATION

### General Description

The **Administrative Suite** provides support to the instructional program, assistance to teachers, staff and students, and serves as an information and public relations center to the community. It is the main welcome/administrative center for parents, community, and visitors. The reception/guest waiting area is the sole sign-in security check point for all visitors. Highly accessed Administrative functions such as the highly as the Clinic and Attendance office may be located near the core Administrative Suite, with direct corridor access to assist with the control of student traffic to and from these areas. **Key Adjacency:** Locate at Main Entrance of school with full view of building front.

Activity / Space						
Space No.	Room Name	NSF	Qty	TSF	Adjacency	
<b>MAIN ADMINISTRATION SUITE (1st floor-Main Entry)</b>						
ADM 1	Reception Lobby	10	600	1	600	
ADM 2	Principal's Office (incl./ clos	14	330	1	330	Provide 2 exit routes / ADM 3
ADM 2 a	Closet		20	1	20	ADM 2
ADM 2 b	Toilet		50	1	50	ADM 2
ADM 3	Conference Room	19	420	1	420	
ADM 4	Attendance Office	21	150	1	150	ADM 7 w/ direct access to corridor
ADM 5	Book Keeper Office		150	1	150	
ADM 6	Vault/Records Rm.		150	1	150	ADM 5
ADM 7	Clinic	29	250	1	250	ADM 4 w/ direct access to corridor
ADM 7 a	Toilet (internal to Clinic)	33	50	1	50	ADM 7
ADM 8	Toilet Rooms (Staff)		50	2	100	ADM 9 w/ access from lounge
ADM 9	Lounge		200	1	200	
ADM 10	Mail Room		250	1	250	ADM 11
ADM 11	Workroom	38	250	1	250	
ADM 12	Intercom Equipment Alcove		0	1	0	Locate on staff side of reception desk
ADM 13	Admin Suite Corridor (internal circulation)		0	1	0	
ADM 17	Testing Room		385	1	385	
ADM 18	Test Storage	42	100	1	100	
ADM 19	Data Room	45	145	1	145	
Suite Subtotal					3600	
<b>WORKROOMS: (Provide 1 per floor)</b>						
ADM 14	Faculty Workroom	50	450	5	2250	
ADM 14 a	Toilet (internal to Workroom	55	50	10	500	Two (2) toilets per workroom
Workroom Subtotal					2750	
<b>SATELLITE ADMINISTRATION SUITES: (Provide 1 per floor)</b>						
ADM 15 a	Assistant Principal Office		150	3	450	
ADM 15 b	Administrative Assistant Office		150	3	450	
ADM 15 c	Conference Room	63	350	3	1050	
Satellite Subtotal					1950	
<b>MISCELLANEOUS OFFICES:</b>						
ADM 16	Coach Office (Soccer)		150	1	150	
	Plant Engineer Office		150	1	150	Locate adjacent to Main Mechanical Rm.
	Security Resource Officer (SR)	79	150	1	150	Locate adjacent to exit.
	Asst. Principal Office (2nd fl.)		150	1	150	
	Office (Golf & Tennis)		150	1	150	
Total Area SF					9050	

Note: See Section 13 for IT Office (CTSS), BS 13

## Equipment

The following items are to be specified in the b:				
100				
Item	Room Location	124	Size (WxH)	#/RM
TB	ADM 14	125	4' x 4'	2
TB	ADM 1, ADM 2, ADM 4, ADM 5, ADM 7, ADM 10		4' x 4'	1
TB	ADM 1, ADM 11		8' x 4'	1
MB	ADM 3, ADM 4, ADM 10		4' x 4'	1
MB	ADM 11		8' x 4'	1
IB	ADM 3			1
C/BKT	ADM 1			?
REF	ADM 9			1
IE	ADM 12			1
TCC	ADM 1			1
PM	ADM 1			2
SM	ADM 1			2
SM	ADM 2			1
VM	ADM 9			2
DS	ADM 6			1
CLK	ADM 1			1
ITEL	ADM 1, ADM 2			1
FEC	ADM 13			1
CMP	ADM 1, 7, 9, 10, 11, 14, All Offices			
CP	ADM 11			2
AMD	ADM 1			
PTD	ADM 7, ADM 9, ADM 11			
SD	ADM 7, ADM 9, ADM 11			

<b>MB</b> - Marker Board	<b>IE</b> - Intercom Equipment	<b>DS</b> - Drop Safe	<b>REF</b> - Refrigerator w/ice maker
<b>TB</b> - Tack Board	<b>SM</b> - Surveillance Monitor	<b>TCC</b> - Time Control Clock	<b>VM</b> - Vending Machines
<b>SC</b> - Storage Cabinet	<b>FEC</b> - Fire Extinguisher Cab.	<b>ITEL</b> - Intercom Telephone	<b>CMP</b> - Computers (Admin.)
<b>OPS</b> - Overhead Projector Shelf	<b>CLK</b> - Electronic Wall Clock	<b>AMD</b> - Alarm Motion Detector	<b>C/BKT</b> -Component Bracket (wall mtd)
<b>IB</b> - Interactive Board	<b>TEL</b> -Telephone	<b>OP</b> - Owner Provided	<b>TV/Bkt</b> - Wall Mounted TV Bracket
	<b>CP</b> - Copier (floor model)	<b>PM</b> - Plasma Screen Monitor	<b>Video/Bkt</b> -Recorder bracket (wall mtd.)
		<b>SD</b> - Soap Dispenser	<b>PTD</b> - Paper Towel Dispenser

## Finishes

Walls: a All Spaces Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.

Floors: a All Spaces Provide carpet w/ rubber base in all spaces w/the exception of the following.  
 b ADM 7, 9, 11, 13 Provide vinyl composition tile (VCT), w/ 4" rubber base.  
 c ADM 2b, ADM 7a, ADM 8, Provide ceramic tile (CT) w/ ceramic base. \*

Ceilings: a All Spaces: Provide 2x2 standard acoustical ceiling tile in all spaces.  
 b All Spaces: Provide 2x4 fluorescent fixtures in all spaces.

## Casework

Space No.	Room Name	Unit Length	Qty	Size (wxdxh)	Notes
ADM 1	Reception Lobby	Work Counter	22 LF		Work Counter w/ solid surface top shelf, L-shaped w/ lockable base cabinets. (Built-in reception desk w/ lower lockable cabinets.)
ADM 2 a	Principal's Closet	Storage Cabinet (lockable)	1	3'x2'x7'	

ADM 3	Conference Room	Base Cabinet, Work Counter	11 LF			Provide built-in base cabinets w/ built-in adjustable shelves above.
		Built-in Adjustable Shelves		4	12" d	
ADM 4	Asst. Principal's Office	Storage Cabinets		2		
ADM 5	Book Keeper's Office	Built-in Storage Shelves	8 LF		12" d	Mounting Height to bottom of shelving, 4' - 6" AFF. (Leave space for 4-drawer high, vertical file below.)
ADM 6	Vault/Records Rm.	Built-in Storage Shelves	12 LF		12" d	Mounting Height to bottom of shelving, 4' - 6" AFF. (Leave space for 4-drawer high, vertical file below.)
			6 LF		12" d	Provide 6 shelving units, approximately 3 W x 2 H openings per unit.
ADM 7	Clinic	Upper Cabinet	8 LF			
		Work Counter				
ADM 9	Lounge	Base Cabinet	8 LF			Provide single bowl sink
		Base Cabinet				Provide single bowl sink. Leave open space for refrigerator.
		Upper Cabinet	11 LF			
		Work Counter				
ADM 10	Mail Room	Work Counter	31 LF			
		Base Cabinet				Provide double bowl sink.
		Built-in Shelving	10 LF	3	27"x12"x30"	Provide shelving units above base cabinet.
		Mail Slots	8 LF			Provide 150, (2-3/4"w x 6" h) vertical slot mail boxes for faculty. Locate on top of base cabinet.
ADM 11	Workroom	Upper Cabinet	18 LF			
		Work Counter				
		Base Cabinet				Provide single bowl sink
ADM 12	Intercom Equip. Alcove	Upper Cabinet	8 LF			
		Base Cabinet				
ADM 14	Faculty Workroom	Upper Cabinet	20 LF			
		Work Counter				
		Base Cabinet				Provide single bowl sink
AUD 15 a	Asst. Principal Office	Storage Cabinet		1	3'x2'x7'	
AUD 15 b	Secretarial Suite	Storage Cabinet		1	3'x2'x7'	

### Utilities

Electrical	Location	Lighting & Communications
Power:	ADM 1	Provide receptacle for clock.
	ADM 1	Supply reception desk devices from wall mounted junction boxes.
	ADM 2	Provide receptacle and TV/RGB outlet for DVD Player.
	ADM 2, 4, 5, 15a, 15b	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	ADM 9	Provide power/data for one (1) computer.
	ADM 11	Provide power for floor model copiers.
	ADM 12	Intercom FAAP
	<a href="#">Teaching Wall:</a>	
	ADM 15a, 15b,	Provide two (2) quadraplex outlets, and one (1) data outlet.
Intercom:	ADM 4, 5, 7, 9, 10, 11,	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.



	15a, 15b	
Security:	ADM 1	Provide junction box and raceway for alarm motion detectors.
Telephone:	ADM 1, ADM 2	Intercom Administrative Telephone. Coordinate exact location w/ intercom system.
Data:	ADM 3, ADM 11	Provide receptacle and voice/data outlet for Interactive Board.
	ADM 2, 4, 5, 15a, 15b	Provide two (2) data outlets.
Lighting:	ADM 1	Provide pendant fixtures.
	ADM 1	Provide override control for time clock control, and lighting fixtures. Switch shall override automatic control for no more than 2 hours and the area being controlled shall be annunciated.
Other:	ADMINISTRATION	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	ADMINISTRATION	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

- |   |                  |                          |
|---|------------------|--------------------------|
| 1 | ADM 7, 9, 11, 14 | Provide single bowl sink |
| 2 | ADM 10           | Provide double bowl sink |

**HVAC**

- |   |            |   |
|---|------------|---|
| 4 | All Spaces | Provide limited-range temperature control.          |
| 5 | General    | Refer to Design Guidelines for system requirements. |

**Acoustics**

- |   |  |   |
|---|--|---|
| 1 |  | Refer to Design Guidelines for system requirements. |
|---|--|---|

**General Notes**

- 1 Casework: Provide above counter GFCI outlets.
- 2 Intercom Equipment Alcove: Location for Built-in Central PA System
- 3 Reception-Surveillance Monitors: Mount above built-in book shelves
- 4 Toilet Accessories: Provide standard accessories for single toilets. (Waste Receptacles NIC)
- 5 Provide an alcove to house intercom equipment adjacent to and secured behind the reception desk.

## Section 11 - COUNSELING

### General Description

The Counseling suite provides guidance and counseling as an integral part of the instructional program designed to promote the social and emotional cognitive development of each student. Activities include, but are not limited to, individual, and small group counseling, crisis counseling, staff and parent conferences, staff development, and coordination of special school events. **Key Adjacency:** Centrally locate, in close proximity to the main corridor and main entrance to school. Locate adjacent to and separate from the Administrative Suite.

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
CSG 1	Counselor Lobby	500	1	500	
CSG 2	Head Counselor Office	150	1	150	
CSG 3	Registrar Office	174	1	174	
CSG 4	Counselor Offices	174	2	348	
CSG 5	AP Office (Instruction)	150	1	150	CSG 12
CSG 6	Vault / Records Room	150	1	150	
CSG 7	Conference Room ( 10 person)	350	1	350	CSG 1
CSG 7a	Closet	20	1	20	CSG 7
CSG 8	Career Center	150	1	150	CSG 1
CSG 9	Toilet Room	50	1	50	
CSG 10	Counseling Suite Corridor ( internal circulation)	0	1	0	
CSG 11	Graduation Specialist Office	150	1	150	
CSG 12	Testing Room (new addition)	0	1	0	

Total Area SF                      2192

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Size (WxH)	#/RM			
TB	CSG 1, 2, 3, 4, 5, 8, 11	#	4' x 4'	1	
MB	CSG 2, 3, 4, 5, 7, 11	#	4' x 4'	1	
SM	CSG 2, CSG 3, CSG 4			16	
	CSG 7	#		1	OP
CLK	CSG 1	#		1	
CP	CSG 10	#		1	OP
VF	CSG 6		18"x27"x52"	16	OP
CMP	CSG 1, 8, 12, All Offices				OP - refer to Instructional Technology requirements
PTR	CSG 8			1	OP
PTD	CSG 7	#		1	
SD	CSG 7	#		1	

<b>MB</b> - Marker Board	<b>SM</b> - Surveillance Monitors	<b>CLK</b> - Electronic Wall Clock	<b>VF</b> - Vertical Files (4 dwr.)
<b>TB</b> - Tack Board	<b>OP</b> - Owner Provided	<b>CMP</b> - Computers (Admin.)	<b>C/BKT</b> -Component Bracket (wall mtd)
<b>IB</b> - Interactive Board	<b>CP</b> - Copier (floor model)	<b>PTR</b> - Printer	<b>OPS</b> - Overhead Projector Shelf
		<b>SD</b> - Soap Dispenser	<b>PTD</b> - Paper Towel Dispenser

### Finishes

Walls:     **a** All Spaces:                      Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.

Floors:     **a** All Spaces:                      Provide carpet w/ rubber base in all spaces with the exception of the following.

**b** CSG 9                                      # Provide ceramic tile (CT) w/ ceramic base. \*

Ceilings: a All Spaces: # Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces.

Casework						
Space No.	Unit Type	#	Unit Length	Qty	Size (wxdxh)	Notes
CSG 1	Base Cabinet, Work Counter		9 LF			Work Counter w/ solid surface top shelf, L-shaped w/ lockable base cabinets.
CSG 3	Base Cabinet, Work Counter		9 LF			Built-in base cabinets and counter top.
CSG 6	Vault / Records Room		26 LF			Built-in 12" deep shelving overhead Built-in 12" deep open shelving on 3 walls.

Mounting Height to bottom of shelving, 4' - 6" AFF. (Leave space for 4-drawer high, Vertical file below.)

CSG 7	Base Cabinet, Upper Cabinet, Work Counter	13 LF
CSG 7a	Shelf and Coat Rod	7 LF
CSG 8	Base Cabinet, Upper Cabinet, Work Counter	19 LF

Provide double bowl sink.

Provide two (2) built-in upper cabinets on either side w/open bookshelves in between; on two walls of space.

### Utilities

Electrical	Location	Lighting & Communications
Power:	CSG 2, 3, 4, 5 - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	<b>Teaching Wall:</b>	
	CSG 1	Provide receptacle for clock.
	CSG 1, 2, 3, 4, 5, 7, 11	Provide two (2) quadraplex outlets, and one (1) data outlet.
Intercom:	CSG 1, 2, 3, 4, 5, 7, 11	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	CSG 7 - Conference	Provide receptacle and voice/data outlet for Interactive Board.
	CSG 2, 3, 4, 5, 11 - Office	Provide two (2) data outlets.
TV:	CSG 2, 3, 4, 5, 11 - Office	Provide one (1) television outlet with one (1) duplex outlet, and one (1) data outlet.
Other:	COUNSELING	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	COUNSELING	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- 1 Provide double bowl sink.

### HVAC

- 1 All Spaces Provide limited-range temperature control.
- 2 General Refer to Design Guidelines for system requirements.

### Acoustics

- 1 Refer to Design Guidelines for system requirements.

### General Notes

- 1 Casework: Provide above counter GFCI outlets.
- 2 Toilet Accessories: Provide standard accessories for single toilets.

## Section 12 - SCHOOL NUTRITION

### General Description

The **Nutrition** program provides breakfast and lunch each day for students, teachers, administrators and visitors to the school. Multiple Lunch seatings occur between 10:00 am to 1:00 pm to feed the school population. The Cafeterium also serves as the school auditorium/multi functional space; with a stage for presentations and other large school functions. (i.e. Recognition Honors and Awards programs, school stage productions, district/community meetings, open house curriculum nights.) **Key Adjacency:** Within close proximity to the Main entrance lobby of the school located on a major corridor. **Note:** Minimum space requirements to accommodate 1600 FTE (84 IU's) enrollment.

Overall cafeterium student seating capacity = 1600 FTE / 3 periods

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
Kitchen Area:					
KIT 1	Preparation Kitchen	1600	1	1600	
KIT 2	Cooler (walk-in)	200	1	200	
KIT 3	Freezer (walk-in)	400	1	400	KIT 2
KIT 4	Dry Storage	500	1	500	KIT 3
KIT 5	Office	150	1	150	KIT 1
KIT 6	Staff Area:				
KIT 6 a	Locker / Laundry Room	150	1	150	
KIT 6 b	Toilet	50	1	50	KIT 6 b
KIT 7	Servery	1200	1	1200	KIT 1
KIT 8	Dish Wash	350	1	350	KIT 1, CAF 1
KIT 9	Can Wash Room (exterior)	60	1	60	
Kitchen Subtotal				4660	
Cafeteria:					
CAF 1	Cafeteria (Student Dining)	7800	1	7800	KIT 7
CAF 2	Storage (Table & Chair)	100	2	200	CAF 1
CAF 3	Vending Area	0	1	0	CAF 1
Cafeteria Subtotal				8000	
Total Area SF				12660	

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (wxdxh)	#/RM	
TB	KIT 5	4' x 4'	1	(See Casework Section below)
CLK	CAF 1		3	Double face.
PS	CAF 1		1	Provide recessed pocket.
OPS	CAF 1		1	
C/BKT	CAF 1		1	
BCH	KIT 6 a			(See Casework Section below)
SL	KIT 6 a	12"x36"x12"	7	Staff Lockers - 2 tier
MP	CAF 1		1	
DRB	KIT 1			Locate at entry door to Kitchen. (exterior)
MD	KIT 7			
CMR	KIT 1			Locate at entry to Cafeteria
CST	KIT 7	28"x28"x36"	6	
VM	CAF 3		5	OP

DDF	CAF 1		1	
ACU	KIT 1		1	Locate at entry door to Kitchen. (exterior)
ACU	KIT 2, KIT 3		1	Locate at entry doors to cooler and freezer.
HSK	KIT 7		2	
HSK	KIT 1, KIT 8		1	
HSK	KIT 8		1	

FSK	KIT 1	138"x30"x35"	2	Locate at vegetable prep table
FSK	KIT 1	72"x24"x35"	1	Locate at prep table
FSK	KIT 1	72"x30"x35"	1	Locate at prep table
PSK	KIT 8	167"x30"x35"	3	
FEC	KIT 7, CAF 1		1	
FE	CAF 1		2	
EH	KIT 1		1	
CH	KIT 8		1	
MS	KIT 2		14	Provide walk-in shelving units as specified.
MS	KIT 3		18	Provide walk-in shelving units as specified.
MS	KIT 4		24	Provide storage shelving units.
CR	KIT 4		1	As specified.
DR	KIT 4		1	As specified.
W/D	KIT 6a		Set	
IM	KIT 1	30"x33"x76"	1	
HRL	KIT 7			As specified.
HR	KIT 1		1	
CMP	KIT 5			OP - Refer to Instructional Technology requirements

TB - Tack Board	CMR - Security Camera	FSK - Floor Sink	HRL - Hand Railing
SL - Staff Lockers	CST - Cashier Stand	PSK - Pot & Pan Floor Sink	HR - Hose Reel
BCH - Bench (Locker Rm.)	VM - Vending Machines	HSK - Hand Sink	CLK - Electronic Wall Clock
W/D - Washer, Dryer	DRB - Door Bell	EH - Exhaust Hood	DDF - Dual Drinking Fountain
IM - Ice Maker w/ bin	FE - Fire Extinguisher	CH - Condensate Hood	OPS - Overhead Projector Shelf
MD - Motorized Door	DR - Dunnage Rack	CR - Can Rack	C/BKT - Component Bracket (wall mtd)
ACU - Air curtain, unheated	MS - Metal Shelving	FEC - Fire Extinguisher Cabinet	PS - Motorized Projection Screen
	OP - Owner Provided	CMP - Computers (Admin.)	MP - Motorized Projection (Drop Down)

\* Reference Design Guidelines for complete list of Preparation Kitchen, Servery and Dishwash equipment.

\* Reference Design Guidelines for complete list of toilet and laundry accessories.

\* Provide all necessary utilities for equipment listed above and in Design Guidelines.

### Finishes

Walls:	a All Spaces b All spaces	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred. All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a KIT 1, 4, 5, 6a, 7, 8 b KIT 2, KIT 3, KIT 9 c KIT 6b, d CAF 1,2,3	Provide quarry tile. Sealed Concrete w/ rubber base. Provide ceramic tile (CT) w/ ceramic base. Provide vinyl composition tile (VCT), w/ rubber base.
Ceilings:	a All Spaces: b CAF 2 c CAF 1	Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces, w/ exceptions listed below. Open to structure (OTS) - storage closets. Provide fluorescent strip lighting suspended from structure. Open to structure (OTS) w/combination gypsum board soffit @ perimeter of space w/ can lighting.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
KIT 6a	Locker / Laundry Rm.	Bench		2		

### Utilities

Electrical	Location	Lighting & Communications
Power	CAF 1	Provide receptacle for clock.
	KIT 1, CAF 1	Provide junction box and raceway for alarm motion detectors at kitchen side of entry door.
	KIT 1	Provide doorbell system for kitchen area.

KIT 5

Provide one (1) duplex power outlet, and one (1) voice data outlet at each desk area.



KIT 7 Install raise/lower switch furnished with motor operated door and connect as directed by equipment supplier. Provide safety disconnect switch for motor if not provided integral w/equipment.

Front of Cafeteria:

Projector:	CAF 1	Provide ceiling mounted receptacle and data outlet for projector.
	CAF 1	Provide keyed up/down switch for operation of motorized projector screen.
	CAF 1	Provide two (2) quadruplex receptacles, and two (2) data outlets for presentation purposes.
Cashier:	KIT 1	Provide dual channel power pole to house both power and communications cabling.
Intercom:	KIT 7, KIT 8	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system
	CAF 1	Provide annunciation devices (speaker/strobe)
Data:	By Space:	See utilities as listed by space.
Lighting:	All Spaces:	Provide 2x4 recessed fluorescent lights in all spaces with exceptions listed below.
	CAF 1	Provide linear fluorescent strip fixtures.
	CAF 1	Provide recessed lighting.
	CAF 2	Provide 4' fluorescent strip fixture w/ wire guard.
Security:	KIT 1 - Entries	Provide security cameras.
DVD:	PE 6b	Provide receptacle and TV/RGB outlet for DVD Player.
TV:		Provide one (1) television outlet
Other:	NUTRITION	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	NUTRITION	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

1	KIT 1, KIT 7, KIT 8	Provide hand sinks, wall mounted. (1 of 2 hand sinks in KIT 1, to be ADA.)
2	KIT 1	Provide floor sink at vegetable prep table.
3	KIT 1	Provide prep table with sink.
4	KIT 8	Provide pot & pan sink.
5	KIT 9	Provide freeze proof mixing faucet with hot and cold water, hose outlet and floor drain.
6	KIT 1	Provide floor drain near ice dispenser
7	KIT 1	Provide hose reel w/spray.
8	KIT 1 (cooking area)	Provide one (1) floor drain each at the kettle and skillet equipment cooking areas.
9	KIT 1 (cooking area)	Provide one (1) hub drain at kettle assembly area .
10	KIT 1 (cooking area)	Provide one (1) hub drain at gas convection steamer.

**HVAC**

1	KIT 6 a	Provide dryer exhaust.
2	KIT 1	Provide exhaust hood over cooking area equipment.
3	KIT 8	Provide condensate hood over dishwasher equipment.

**Acoustics**

1	General:	Refer to Design Guidelines for system treatment.
2	KIT 1, CAF 1	Extend CMU walls to structural deck around cafeteria and kitchen.

**General Notes**

1	KIT 5	Provide interior window in office.
2	KIT 7	Provide hand railing at cashier entrance/exit locations.

## Section 13 - BUILDING SERVICES

### General Description

**Building Services** (building infrastructure) spaces support the instructional programs by providing a comfortable, healthy, safe and attractive environment where students can learn and others can work with minimal distractions. These areas include custodial, main building storage, mechanical / electrical equipment, data / telephone equipment and restroom facilities essential components needed to maintain the school infrastructure and operations.

Activity / Space					
Space No.	Room Name	NSF	Qty	TSF	Adjacency
<b>Storage:</b>					
BS 1	Book Storage	600	3	1800	
BS2	Laptop Cart Storage Room				Locate 1 per floor (50 carts per school)
BS2	General Building Storage	250	6	1500	Locate adjacent to each B/G Restroom
<b>Custodial: (Maintenance Rooms)</b>					
BS 3	Maintenance Rooms (Custodial)				
	a Maintenance Room	70	1	70	
	b Maintenance Room	70	2	140	
	c Maintenance Room (exterior)	180	1	180	
BS 4	Branch Custodial Closets				Locate 2 per floor or 1 per CR wing
	a Janitor Closet (w/ hot water heater)	40	8	320	
	b Janitor Closet - cafeteria corridor	0	0	0	
	c Janitor	0	0	0	
	d Janitor - cr wing - triangle	0	0	0	
	e Janitor - cr wing - triangle	0	0	0	
	f Janitor - cr wing - triangle	0	0	0	
	g Janitor	0	0	0	
	h Janitor	0	0	0	
<b>Building Mechanical &amp; Electrical Services:</b>					
BS 5	Main Mechanical Rooms				
	a Main Mechanical Room	875	2	1750	
	b Main Mechanical Room	0	0	0	
	Branch Mechanical Rooms				
	a Cafeteria - Mechanical Room	300	1	300	
	b Elevator - Mechanical Equipment Room	80	1	80	
	c Elevator - Mechanical Equipment Room	70	1	70	
	d Gym - Mechanical Equipment Room	200	1	200	
BS 7	a Mechanical Attic	0	1	0	
	b Mezz. Access Rooms	200	1	200	
	b Mess. Access Rooms	75	1	75	
	c Mechanical Yard (outdoor)	0	1	0	
BS 8	Emergency Generator Room	350	1	350	
BS 9	Main Electrical Rooms				
	a Main Electrical Room	250	4	1000	
	b Main Electrical Room	0	0	0	
	c Main Electrical Room	0	0	0	
	IDF	0	0	0	Access from BS 9c
BS 10	Branch Electrical Rooms				

	a Elec. Room	75	7	525	
	b Elec. Room	0	0	0	
	c Elec. Room	0	0	0	
	d Elec. Room	0	0	0	
	e Elec. Room	0	0	0	
	f Elec. Room - next to computer lab	0	0	0	
	g Elec. Room	0	0	0	
<b>BS 11</b>	Main Distribution Frame (MDF) Room	0	0	0	
<b>BS 12</b>	Intermediate Distribution Frame (IDF) Room				
	a IDF - 2nd cafeteria	75	5	375	
	b Data Room	0	0	0	
	c Data Room	0	0	0	
	d Data Room - next to computer lab	0	0	0	
	e IDF	0	0	0	
	<b>MIS</b>				
<b>BS 13</b>	IT Office (CTSS)	150	1	150	
<b>BS 14</b>	IT Server Room	150	1	150	
	<b>Restrooms:</b>				
<b>BS 15</b>	Boy's - Student Restrooms @ classroom wings	350	6	2100	
<b>BS 16</b>	Girl's - Student Restrooms @ classroom wings	350	6	2100	
<b>BS 17</b>	Cafeteria - Girls's Restroom	250	1	250	
<b>BS 18</b>	Cafeteria - Boy's Restroom	250	1	250	
	<b>Miscellaneous:</b>				
<b>BS 19</b>	Corridors	0	0	0	
Note:	Loading Dock / Compactor Area (outdoor)	0	0	0	(See Section 14.1 - Outdoor Spaces)

Total Area SF 13935

Miscellaneous Restrooms (See referenced sections):

Media Center - Toilet	See Section 03
Gym-Boy's Restrooms	See Section 07
Gym-Girl's Restrooms	See Section 07
Special Ed Suite - Toilet	See Section 08
Auditorium - Women's Toilet	See Section 09
Auditorium - Men's Toilet	See Section 09
Auditorium - Single Toilet	See Section 09
Staff - Workroom Toilets @ classroom wings	See Section 10
Staff Toilets - Admin. Suite	See Section 10
Principal's Toilets - Admin. Suite	See Section 10
Toilet Room - Counseling Suite	See Section 11
Toilet Room - Counseling Suite	See Section 11
Cafeteria - Staff Toilet	See Section 12
CT:Health Science - Toilet	See Section 16.2

**Equipment**

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM
RS	BS 19		Quantity as required.
FEC	BS 19		As required per code.

ML	BS 19			See note below.
DDF	BS 19			As required per code.
MSK	BS 4		1	
SF	BS 2 a, BS 2 b			
MS	BS 1, BS 2, BS 3, BS 4			
CLK	BS 19			Double faced.
MB	BS3, BS 4		1	
WR	BS 19			OP
PM	BS 19			
CMP	BS 13		1	
CW	BS 19			

- |   |                                |                                    |                                     |
|---|--------------------------------|------------------------------------|-------------------------------------|
| <b>RS</b> - Room Signage                | <b>ML</b> - Metal Lockers      | <b>CLK</b> - Electronic Wall Clock | <b>MB</b> - Mop and Broom Holder    |
| <b>FEC</b> - Fire Extinguisher Cabinets | <b>MS</b> - Metal Shelving     | <b>WR</b> - Waste Receptacles      | <b>PM</b> - Plasma Screen Monitors  |
| <b>OP</b> - Owner Provided              | <b>CMP</b> - Computer (Admin.) | <b>CW</b> - Clearstory             | <b>MSK</b> - Mop Sink               |
|   |                                |                                    | <b>DDF</b> - Dual Drinking Fountain |

**Note:** Metal Lockers: Provide 2-tier double locker w/built-in combination locks and cant strip (typ.)

### Finishes

**Walls:** a All Spaces Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.

**Floors:**

a BS 13	Carpet
b BS 2, BS 3a-c, BS 4 - 10, BS 12 a - g	Sealed Concrete
c BS 1, BS 14, BS 19	Provide vinyl composition tile (VCT) w/ 4" rubber base.
d BS 15, 16, 17, 18	Provide ceramic tile (CT) w/ ceramic base *

**Base:** a All spaces \* Provide rubber base all spaces, with exception of ceramic tiled areas.

**Ceilings:**

a All Spaces:	Provide 2x2 standard acoustical ceiling tile (ACT) in all spaces except those listed below.
b BS 3, 5, 8,9,10,12	Provide exposed structure. (Open to structure.)
c All Spaces:	Provide 2x4 fluorescent fixtures in all spaces, with the exception of the following.
d BS 3, 5, 8,9,10,12	Provide surface mounted fluorescent strip fixtures.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
BS 20 a,b,c	Corridor - CR wing	Bulletin Board Display Case		2	4'w x3'd	Provide display cases w/ lockable glass door.
BS 20 g	Corridor - Gym Hall	Trophy Cases (Lighted)	40 LF	10	4'w x78"h	

### Utilities

Electrical	Location	Lighting & Communications
Power:	BS 3 a-c	Provide one (1) duplex outlet. At all other areas provide all necessary power required by mechanical and electrical equipment.
	BS 6b, BS 10	Provide duct detectors in branch electrical rooms.
	BS 15,16,17,18	Provide receptacle for lavatories. Coordinate exact location w/equipment provided. Receptacle to be installed behind sink access panel.
	BS 14	Provide six (6) quadplex receptacles, two (2) data outlets, and two (2) special purpose receptacles.
Fire Alarm:	BS 2a, 2b	Provide wall mounted horn or strobe, as required.
	BS 19	Provide receptacle for clock.
Intercom:	BS 13	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	BS 6b	Provide data outlet.
Other:	BUILDING SERVICES	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	BUILDING SERVICES	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- |   |                |   |
|---|----------------|---|
| 1 | BS 15,16,17,18 | Provide number of fixtures in restrooms as required by code for population served. Provide one (1) wall hydrant in each multi-fixture restroom. All toilets rooms shall be ADA compliant. |
| 2 | BS 3, BS 4     | Provide floor sinks in main and branch custodial closets w/hot and cold water.  |
| 3 | General:       | Provide electric water coolers distributed throughout building as required by code for population served.   |

### HVAC

- |   |   |
|---|---|
| 1 | Refer to Design Guidelines for HVAC system requirements.  |
| 2 | Provide limited range temperature control in <b>BS 6b</b> , Elevator-Mechanical Equipment Room. |
| 3 | Provide dedicated control in MDF and IDF rooms.   |

### Acoustics

- 1 Provide full height CMU walls around equipment rooms and sound isolation mounts for equipment subject to vibration to achieve sound containment.

### General Notes

- 1 In BS3, Custodial Maintenance Rooms shall accommodate the storage and recharging of custodial equipment including the propane and battery powered equipment. Electrical service for recharging as well as any code required fire zone isolation and ventilation shall be provided. Charging and storage provisions are required on each level of a multi-level facility.

## Section 14.1 - OUTDOOR SPACES

### General Description

**Outdoor Areas (Outdoor Spaces and Site Facilities)** include topics such as landscaping, site circulation for cars and buses, parking accommodations, emergency access around the building, building service, the location of portable classroom units. Requirements for these areas and others are discussed in Division 2 - Site of the Design Guidelines.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
OS 1	Outdoor Educational Spaces		1	0	
OS 2	Outdoor Art Work Space		1	0	Art Labs
OS 3	Loading Dock / Compactor Area		1	0	Kitchen - Main Exit
Outdoor Subtotal				0	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	Notes
BOL	OS 3	As Required		Provide adjacent to compactor to define area.

BOL - Bollards w/ cable railing

### Finishes

Walls: a

Floors: a OS 2 Provide concrete plaza area.

Ceilings: a

### Casework

Space No.	Room Name	Unit Type	Qty	Size(wxdxh)	Notes
1	n/a				

### Utilities

Electrical	Location	Lighting & Communications
	OS 1, OS 2, OS 3	
	OS 3	
<b>Other:</b>	OUTDOOR SPACES	
	OUTDOOR SPACES	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

Plumbing	Notes
1	Provide hose bib at outdoor artwork space, OS 2.

HVAC	Notes
1	n/a

### Acoustics

1	n/a
---	-----

### General Notes

1	Provide concrete plaza area adjacent to art lab area.
---	---

## Section 14.2 - SITE FACILITIES

### General Description

**Outdoor Areas (Outdoor Spaces and Site Facilities)** include topics such as landscaping, site circulation for cars and buses, parking accommodations, emergency access around the building, building service, the location of portable classroom units. Requirements for these areas and others are discussed in Division 2 - Site of the Design Guidelines.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency	
SF 1	Softball Field		1	0		
SF 2	Baseball Field		1	0		
SF 3	Softball Dugout	10	180	1	180	
SF 4	Baseball Dugout	14	180	1	0	
SF 5	Football Field / combines with track		1	0		
SF 6	Track - 8 Lane		1	0		
SF 7	Multi-Purpose Practice Field	19	1	0	(Field includes soccer & lacrosse)	
SF 8	Tennis Courts	21	2	0		
SF 9	Track Shot and Discus Areas		1	0	Now in the end zones of the football field.	
SF 10	Concessions / Press Box combo *		600	1	600	Shared between softball & baseball fields.
SF 10 a	Storage	29				
SF 10 b	Equipment Storage	33				
SF 11	Batting Cage (Baseball Field) *		1	0		
SF 12	Maintenance Storage Facility		1	0		
SF 13	Outdoor Sports Storage		1	0		
		<b>38</b>		<b>780</b>		

\* Provide SF 10 and SF 11 only if replacing existing.

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	42	Size (WxH)	#/RM	
SB	SF 1, SF 2	45		1	OP
BC	SF 1, SF 2			1	
BF	SF 1, SF 2			1	
	SF 1, SF 2, SF 5, SF 7, SF 8	50			
AB	SF 3, SF 4	55		1	
SK	SF 10			1	
IM	SF 10			1	
REF	SF 10			1	
CD	SF 10			1	
CLK	SF 10	63		1	
FEN					
BL	SF 1 (Homeside and Visitor)			2	Seats 100 persons homeside, 100 persons visitor side
BL	SF 2 (Homeside and Visitor)			2	Seats 100 persons homeside, 100 persons visitor side
BL	SF 5 (Homeside and Visitor)			2	Seats 100 persons homeside, 100 persons visitor side
BL	SF 7 (Homeside and Visitor)	79		2	Seats 100 persons homeside, 100 persons visitor side
BL	SF 8 (Homeside and Visitor)			2	Seats 100 persons homeside, 100 persons visitor side
DF	SF 1, SF 2, SF 5, SF 7, SF 8			1	

SB - Score Boards

FEN - Fencing & Gates

REF - Refrigerator w/ice maker

DF - Drinking fountain (Horse trough)

BL - Bleachers (aluminum)

SK - Sink

IM - Ice Machine

CD - Overhead Coiling Door



WS - Wind Screens 88 AB - Aluminum Bench (pre-fab)

BC - Batting Cage 100

**Finishes**

Walls: a SF 3, SF 4 125  
b SF 10

Floors: a SF 1, 2, 5, 7 ? Turf on fields to be synthetic or irrigated, no sprinklers. Need hydration on all fields.  
b SF 10 Provide sealed concrete floor in SF 10 concessions.

Ceilings: a SF 10 Provide plywood painted ceiling in SF 10 concessions.

**Casework**

Space No.	Room Name	Unit Type	Qty	Size(wxdxh)	Notes
SF 10	<b>Concessions</b>	Upper Cabinet (single door)			w/ 1 adjustable shelf.
		Countertop			Continuous at all base cabinets.
		Base Cabinet			
		Base Cabinet (double door)			w/ sink (double bowl).

**Utilities**

Electrical	Location	Lighting & Communications
Power:	SF 2, SF 3	Provide electrical service at batting cages.
	SF 10	Provide electrical outlets @ 12' max spacing w/not less than one (1) duplex outlet per wall. In concessions, provide 110 V and/or 220 V outlets to operate (1) refrigerator, one (1) ice machine, one (1) microwave.
	SF 10	
	SF 3, SF 4	Provide four (4) multiple duplex outlets. Locate one at each end of dugout, and two (2) on back wall of dugout.
Intercom:		
Data:		
Other:	SITE FACILITIES	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	SITE FACILITIES	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

- 1 Provide hot and cold water in Concessions.
- 2 Provide stainless steel double sink in SF 10 concessions w/ hot and cold water.
- 3 Provide water spigot at the baseball and softball dugout SF 3 and SF 4.
- 4 Provide floor drain in SF 10 concessions.

**HVAC**

- 1 Refer to Design Guidelines for system requirements.
- 2 Provide surface mounted heater and ventilation fan with thermostatic control in SF 10 concessions.

**Acoustics**

- 1 n/a

**General Notes**

- 1 Provide athletic fencing to secure all playfields

## Section 14.3 - STADIUM

### General Description

Based on Fulton County stadium model (Bethany Road HS), by request of DeKalb CIT.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
<b>Home Side:</b>					
STAD 1	Ticket Booth	95	1	95	
STAD 2	Concessions	490	1	490	
STAD 3	Public Toilets	280	2	560	
STAD 4	Referee's Room ( w/ Toilet and Shower)	470	1	470	
STAD 5	Custodial Service Room	90	1	90	
STAD 6	Electrical Room	150	1	150	
STAD 7	Bleacher Seats ( 2,500 seats each @ 24" wide)	24,866	1	24866	
STAD 8	Press Box	600	1	600	
<b>Visitor Side:</b>					
STAD 9	Ticket Booth	95	1	95	
STAD 10	Concessions	340	1	340	
STAD 11	Public Toilets	280	2	560	
STAD 12	Custodial Service Room	45	1	45	
STAD 13	Electrical Room	145	1	145	
STAD 14	Bleacher Seats ( 1200 seats each @ 24" wide)	9,800	1	9800	
STAD 15	Track - 8 Lane	0	1	0	See Design Guidelines
STAD 16	Public Address Storage in Press Box	25	1	25	
STAD 17	Outdoor Equipment Storage	1,130	1	1130	
<b>Total Area SF</b>				<b>39461</b>	

Reference Section 14.2 for athletic playfields.

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	Notes
IM	STAD 2, STAD 10		1	
PT	STAD 2, STAD 3, STAD 4, STAD 10, STAD 11		1	
MS	STAD 5, STAD 12, STAD 17	3'x7'	5	Shelving units are 12" deep.
SD	STAD 3, STAD 4		1	Locate at each lavatory.
ED	STAD 3, STAD 11		1	
JTH	STAD 3, STAD 11		1	Locate at each WC.
MI	STAD 3, STAD 4, STAD 11		1	Locate at each lavatory.
ND	STAD 3, STAD 11		1	Locate at each women's stall.
WR	STAD 4		1	
TH	STAD 4		1	
RH	STAD 4		1	
CR	STAD 4		1	
SH	STAD 4		1	
MBS	STAD 5, STAD 12		1	
MBS	STAD 17		3	

JB	STAD 17	6'w	1	Anchor to floor, for tools.
SK	STAD 2, STAD 10		1	
SSK	STAD 5, STAD 12		1	
USK	STAD 1, STAD 2, STAD 9, STAD 10		1	

EH	STAD 1, STAD 2, STAD 9, STAD 10		1	
LDR	STAD 8, STAD 17		1	Provide roof access ladder.
AB	STAD 7			Seat 2,500.
AB	STAD 14			Seat 1,200.
WB	STAD 17		1	
WS	STAD 3, STAD 11, STAD 17		1	

JB - Steel Job Box	PT - Paper Towel Dispenser	JTH - Jumbo Toilet Tissue Holder	SK - Sink (double bowl)
ED - Electric Hand Dryer	SD - Soap Dispenser	ND - Napkin Disposal	SSK - Slop sink
MI - Mirror	MBS - Mop/Broom Strip	NDD - Napkin Disposal Cab.	USK - Utility sink
WR - Wall mtd. Wast receptacles	SH - Soap Dish	IM - Ice Maker	WS - Water Spigot
MS - Metal Shelves	TH - Toilet Tissue Holder	AB - Aluminum Bench	EH - Electric Heating Unit
	CR - Shower Curtain Rod	WB - Work Bench	LDR - Ladder

\* See General Notes for additional information on built-in equipment.

### Finishes

Walls: a Provide paint finish. Refer to Design Guidelines for sheen. Water base, low VOC paints are preferred.

Floors: a Provide sealed concrete floor in all areas except those listed below.

Ceilings: a Provide plywood painted ceiling in all exterior buildings.  
b Provide 2x2 standard acoustical ceiling tile in all STAD 8.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
STAD 2, 10	Concessions	Sink Cabinet	Wx24x30"	1		All cabinets to be lockable.

### Utilities

Electrical	Location	Lighting & Communications
Power:	STAD 2, STAD 10 (Concession cooking area.) STAD 6 STAD 8	Provide electrical outlets @ 12' max spacing w/not less than one (1) duplex outlets per wall. In concessions, provide 110V and/or 220V outlets to operate one (1) refrigerator, one (1) ice machine, one (1) microwave, one (1) drink cooler, one (1) hot dog machine, and one (1) pop corn machine. Provide necessary power requirements for fully controlled stadium lighting (MUSCO) and security lighting with controls located in the home electrical room. Provide three (3) duplex outlets, om addition to basic requirements, at each partitioned room. Provide necessary power requirements for public address system.
Data:	STAD 8	Provide one (1) dual data outlet in each partitioned room. Provide necessary data/power for CCTV capability.
Telephone:	STAD 8	Provide one (1) telephone outlet for land line in each partitioned room and connection to school phone system in public address partitioned room.
Other:	STADIUM STADIUM	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline. Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

1	STAD 3, 11, 17	Provide water spigot.
2	STAD 2, STAD 10	Provide stainless steel double bowl sink w/ hot and cold water.
3	STAD 2, STAD 10	Provide floor drain.
4	STAD 5, STAD 12	Provide slop sink with hot and cold water spigot with bucket holder.
5	STAD 17	Provide one (1) utility sink with hot and cold water spigot.

### HVAC

1	STAD 2, STAD 10	Provide ventilation fan with thermostat control.
2	STAD 1, 2, 9, 10	Provide one (1) electric heating unit.
3	STAD 8	Provide heating and air conditioning. Winterize by drainage or some other means.

### Acoustics

1	None
---	------

## General Notes

- |   |                  |   |
|---|------------------|---|
| 1 | STAD 2           | Provide adjacent fenced area where possible for cook area.  |
| 2 | STAD 8           | Partition Home Side Press Box accordingly: Home Team Room 12' x 18'; Visiting Team Room 12'x18'; Clock Official Room 12'x6'; Public Address Room 12'x12'. Each room to have door access. Provide sliding windows 4' high with each 4'x4' sliding unit panel, and provide 12' writing ledge below windows. Also provide one (1) ladder affixed to wall in home team room leading to roof hatch for access to roof for filming. |
| 3 | STAD 17          | Provide loft, 10'w x 35' l x 9' h, with wall mounted ladder access and hatch in the floor. In addition, provide 10' work bench with installed vise and lateral locking drawers, anchor to the floor.  |
| 4 | STAD 2, STAD 10  | Provide lockable serving room and lockable bulk storage room.   |
| 5 | STAD 1, 9, 2, 10 | Provide 12' wide interior and counter at window.  |
| 6 | STAD 7, STAD 14  | Provide aluminum benches.   |

## Section 15.1 - BUSINESS & COMPUTER SCIENCE

### General Description

**Business & Consumer Science** programs prepare students to become productive members of the business community and to enter a post-high school institution after graduation. Students develop competencies in finance, legal operations of business, administrative support, information management, international business, entrepreneurship, and management. Activities in the lab include XXXX. Georgia Performance Standards for these programs are located at [www.georgiastandards.com](http://www.georgiastandards.com).  
**Key Adjacency:** Career Technology Labs.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
BCS 1	Business Lab	1800	4	7200	
BCS 1 a	Supply Closet	200	4	800	BCS 1 b
BCS 1 b	Office	150	4	600	BCS 1
BCS 2	Business Classroom	1600	1	1600	BCS 1
Total Area SF				10200	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
MB	BCS 1, BCS 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	BCS 1, BCS 2	8' x 4'	1	OP. Center on teaching wall.
TB	BCS 1, BCS 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	BCS 1, BCS 2	12' x 4'	1	Locate above computer stations.
MB	BCS 1, BCS 2	4' x 4'	2	
TB	BCS 1, BCS 2	4' x 4'	2	
IB	BCS 1, BCS 2		1	OP. Installed by Owner on Teaching Wall
CLK	BCS 1		1	Locate at teaching wall.
SHLV	BCS 1a	4'wx12" d	8	
OPS	BCS 1		1	Ceiling mount.
CMP	BCS 1, BCS 2			OP - Refer to Instructional Technology requirements.
CMP	BCS 1, BCS 2		28	

MB - Marker Board	TC - Teacher Cabinet	OPS - Overhead Projector Shelf	CMP - Computers (student)
		OP - Owner Provided	C/BKT-Component Bracket (wall mtd)
CLK - Electronic Wall Clock		TEL -Telephone	SHLV - Shelving (metal)

\*Note: Locate Computers @ perimeter of room at counters; and in middle of room at desks.

### Finishes

Walls:	a All spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a BCS 1, 1a, BCS 2	Provide vinyl composition tile w/ 4 " rubber base in all spaces.
	b BCS 1b	Provide carpet tile w/4" rubber base.
Ceilings:	a All Spaces:	Provide 2x2 standard acoustical ceiling tile.
	b All Spaces:	

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
		Teachers Cabinet (lockable)		1	3'x2'x7'	
BCS 1	Business Lab	Storage Cabinet (lockable)		1	3'x2'x7'	Teaching Wall
			88	2	4'x4'	Locate at teaching wall, flanking IB.

BCS 1b	Office	100		1	4'x4'	Locate at teaching wall.
		124	61 LF			
		125				Locate on 3 walls @ perimeter of room.
		131		1	3'x2'x7'	

BCS 2	Business Classroom	Marker Board	2	4'x4'	(Built into systems furniture.)
		Tack Board	1	4'x4'	(Built into systems furniture.)
		Teachers Cabinet (lockable)	1	3'x2'x7'	
		Storage Cabinet (lockable)	1	3'x2'x7'	
		Base Cabinet	98 LF		
		Upper Cabinet	52 LF		
		Computer Counter-top			Refer to Instructional Technology requirements.

### Utilities

Electrical	Location	Lighting & Communications
Power:	<a href="#">Classroom Computer Area:</a>	
	BCS 1	Provide 4 x 4 junction box, single gang plaster ring, temporary cover plate, and 3/4 "C stubbed into corridor with bussing, above ceiling.
	BCS 1	Provide three (3) quadraplex receptacles, and two (2) data outlets @ ____ " AFF.
	BCS 1	Provide power poles as required based on furniture plans.
	BCS 1b - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	<a href="#">Teaching Wall:</a>	
Clock	BCS 1, BCS 2	Provide receptacle for clock.
Intercom:	BCS 1, BCS 2	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	BCS 1, BCS 2	Provide receptacle and voice/data outlet for Interactive Board.
	BCS 1b - Office	Provide two (2) data outlets.
	BCS 1, BCS 2	Provide sufficient data outlets to support 34 computers. (1 of 34 to be Voice Over Internet Protocol - VOIP.)
DVD:	BCS 1, BCS 2	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	BCS 1, BCS 2	Provide one (1) television outlet
Projector:	BCS 1, BCS 2	Provide ceiling mounted receptacle and data outlet for projector
Security:	BCS 1	Provide junction box and raceway for alarm motion detectors.
Other:	BUS. & COMPUTER	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	BUS. & COMPUTER	Technology Infrastructure: Reference MIS Required Specifications in the Design Guideline.

\*MIS Required Specifications outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

1 n/a

### HVAC

1 Refer to Design Guidelines for system requirements.

### Acoustics

1 Classrooms and other core learning spaces must achieve minimum STC rating of 35.

2 Refer to Design Guidelines for system requirements.

### General Notes



## Section 15.2 - ENGINEERING & TECHNOLOGY

### General Description

**Engineering & Technology** program comprised of the (1) Engineering Lab and (2) Engineering, Graphics & Design Lab programs, provides students the opportunity to develop technological literacy through an activity-based study of past, present, and future technological systems and their resources, processes and impact on society. Technology education utilizes computer and educational technology in the delivery of content related to systems of communication, energy/power transportation, production, and bio-related technologies. Activities in the lab include XXXXXXXXXXXXXX. Georgia Performance Standards for these programs are located at [www.georgiastandards.com](http://www.georgiastandards.com). **Key Adjacency:** Career Technology Labs.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
<b>Engineering:</b>					
ETECH 1	Engineering & Technology Lab	3000	1	3000	(Incl. Training & Instructional areas.)
ETECH 1a	Office	150	1	150	
ETECH 1b	Storage Room	150	1	150	Clean supplies
ETECH 1c	Supply Room	150	1	150	New request - dirty supplies
ETECH 1d	Robotics /CNC - need requirements	250	1	250	
ETECH 2	Prototyping Lab - need requirements	1800	1	1800	
Engineering Subtotal				5500	
<b>Engineering, Graphics, and Design</b>					
ETECH 2a	Supply Storage	200	1	200	
ETECH 3	Engineering, Graphics & Design Lab (CAD)	1800	1	1800	
ETECH 3a	Office	150	1	150	
ETECH 4	Rapid Prototyping Room		1	0	Has 5 machines, need data & power
E.G.D. Subtotal				2150	
Total Area SF				7650	

### Equipment

The following items are to be specified in the I		45		
Item	Room Location	Size (WxH)	#/RM	
MB	ETECH 1, ETECH 2, ETECH 3	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
	ETECH 1, ETECH 2, ETECH 3	8' x 4'	1	OP. Center on teaching wall.
TB	ETECH 1, ETECH 2, ETECH 3	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	ETECH 1, ETECH 2, ETECH 3	12' x 4'	1	Locate above computer stations.
MB	ETECH 1, ETECH 3	4' x 4'	2	
MB	ETECH 2	8' x 4'	1	
TB	ETECH 1, ETECH 3, ETECH 3a	4' x 4'	1	
IB	ETECH 1, ETECH 3		1	OP. Installed by Owner on Teaching Wall.
CLK	ETECH 1, ETECH 3		1	Locate at teaching wall.
FE	ETECH 1, ETECH 2		1	
PCR	ETECH 1		6	Ceiling Mounted. (Training area of lab.)
PCR	ETECH 2		3	Ceiling Mounted.
MC	ETECH 1, ETECH 2, ETECH 3		1	Ceiling Mounted.
PP	ETECH 1		11	Instructional area of lab.
PP	ETECH 3		12	
MS	ETECH 1a		4	
SHLV	ETECH 2a	3' x 7'	4	OP. Freestanding metal tower units w/ adjust. shelving.

SHLV	ETECH 1b		3' x 7'	7	OP. Freestanding metal tower units w/ adjust. shelving.
PS	ETECH 1d			1	
CD	ETECH 2			1	
EW	ETECH 2			1	OP. Wall mounted.

FAC	ETECH 1, ETECH 2	131		1	
GC	ETECH 2, ETECH 3			1	
FC	ETECH 2			1	
SK	ETECH 2, ETECH 3			1	
PTD	ETECH 2, ETECH 3			1	
SD	ETECH 2, ETECH 3			1	
MSK	ETECH 2, ETECH 3			1	New Request for deep utilitarian sink.
TD	ETECH 2			1	
SD	ETECH 2			1	
AC	ETECH 2 ?			1	OP. Installed by General Contractor
DC	ETECH 2 ?				OP. Installed by General Contractor
SS	ETECH 1b			6	
SS	ETECH 2			17	
OPS	ETECH 1			1	Ceiling mount.
Video/Bkt	ETECH 1			1	
CMPD	ETECH 1 (Training area), ETECH 3				OP - Refer to Instructional Technology requirements.
CMP	ETECH 1 (Instructional area)				OP - Refer to Instructional Technology requirements.

<b>MB</b> - Marker Board	<b>MC</b> -Medicine Cabinet (NIC?)	<b>OPS</b> - Overhead Projector Shelf	<b>IB</b> - Interactive Board
<b>TB</b> - Tack Board	<b>PCR</b> - Power Cord Reel	<b>CLK</b> - Electronic Wall Clock	<b>CMP</b> - Computers (student)
<b>TC</b> - Teacher Cabinet	<b>FE</b> - Fire Extinguisher	<b>EW</b> -Eye Wash (combined w/sink)	<b>CMPD</b> - Cpmputer Desks
<b>SC</b> - Storage Cabinet	<b>DC</b> - Dust Collector	<b>OP</b> - Owner Provided	<b>SHLV</b> -Shelving (metal tower units) - 12"d
<b>PP</b> - Power Poles	<b>AC</b> - Air Compressor	<b>SK</b> - Sink (porcelain)-Hand?	<b>C/BKT</b> -Component Bracket (wall mtd)
<b>MS</b> - Metal Shelving (Industrial)	<b>PS</b> - Platform Stage (wooden)	<b>MSK</b> - Mop Sink - Custodial?	<b>TV/Bkt</b> - Wall Mounted TV Bracket
	<b>SS</b> - Safety Switch	<b>TD</b> - Towel Dispenser (paper)	<b>Video/Bkt</b> -Recorder bracket (wall mtd.)
<b>FAC</b> - First Aid Kit	<b>FC</b> - Flammable Cabinet	<b>SD</b> - Soap Dispenser	<b>CD</b> - Overhead Coiling Door
	<b>MS</b> - Metal Shelves	<b>GC</b> - Goggle Cabinet	
		<b>PTD</b> - Paper Towel Dispenser	<b>SD</b> - Soap Dispensers

NOTES: a ETECH 1b, ETECH 2 Refer to Design Guidelines for list of required lab equipment for the Materials & Processing Lab and Storage Room, as provided by the DeKalb Career Technology department.

b Air Compressor / Dust Collector Architect to locate equipment in self-contained room apart from, but adjacent to lab.

### Finishes

Walls:	a All spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a All spaces:	Provide vinyl composition tile w/ 4 " rubber base in all spaces, <del>w/ the exception of the following.</del>
Ceilings:	a All spaces:	Provide 2x2 standard acoustical ceiling tile.
	b All spaces:	Provide 2x4 fluorescent fixtures in all spaces, with the exception of the following.
	c ETECH 1d	Provide 2x4 fluorescent fixtures and track lighting in ETEC 1d, Video Studio.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
ETECH 1	Engr. & Tech. Lab	Computer Work Counter				Training Area: Provide work counter around perimeter of room to support 14 Computers.
ETECH 1a	Office	Storage Cabinet (lockable)		1	3'x2'x7'	
ETECH 3a	Office	Storage Cabinet (lockable)		1	3'x2'x7'	
ETECH 1c	Control Room	Work Counter		1		

ETECH 1d	Video Room	Video Desk	1	
ETECH 3	CAD Lab	Book Case	4	Low, 3 shelf units.

## Utilities

Electrical	Location	Lighting & Communications
Power:	ETECH 1a, 3a - Offices	Provide one (1) duplex receptacle, one (1) quadruplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	ETECH 2	Provide required power and data for lab equipment as specified in the equipment list. Refer to Design Guidelines.
	ETECH 2	Provide ceiling hung cord reel for power.
	ETECH 2, ETECH 1b	Provide fused disconnect switch at equipment areas.
	ETECH 1c	Provide two (2) quadruplex receptacle outlets, and two (2) voice/data outlets above work countertop. Provide one (1) duplex receptacle outlet, and one (1) voice/data outlet @ wall opposite work counter. Provided electrical outlets @ 4' max. spacing w/ not less than two (2) per wall.
	ETECH 1d	Provide two (2) quadruplex receptacle outlets, and two voice/data outlets above work countertop adjacent to video desk. Provide one (1) duplex receptacle outlet, and one (1) voice/data outlet at wall opposite video desk area.
	<b>Classroom Computer Area:</b>	
	ETECH 1 (Instruct'l. Area)	Provide power and data drops for thirty (28) computers.
	ETECH 1 (Training Area)	Provide power and data drops for fourteen (15) computers.
	ETECH 1	Provide power poles.
	<b>Teaching Wall:</b>	
Clock:	ETECH 1, 2, 3	Provide receptacle for clock.
Intercom:	ETECH 1, 1a, 3, 3a	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	ETECH 1	Provide receptacle and voice/data outlet for Interactive Board.
	ETECH 1a, 3a - Offices	Provide two (2) data outlets.
DVD:	ETECH 1	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	ETECH 1	Provide one (1) television outlet
Projector:	ETECH 1	Provide ceiling mounted receptacle and data outlet for projector.
Other:	ENGR. & TECH.	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	ENGR. & TECH.	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- |   |               |  |
|---|---------------|--|
| 1 | ETECH 2       | Provide single bowl sink adjacent to eye wash.   |
| 2 | ETECH 2       | Air Compressor system provided by Owner. Installation by General Contractor.                           |
| 3 | ETECH 2       | Provide sanitary and vent piping for floor drains as required.   |
| 4 | ETECH 2       | Provide cold / hot water lines and sanitary piping for eye wash station. Provide air admittance valve. |
| 5 | ETECH 1, 2, 3 | Provide cold / hot water / sanitary and vent piping for sink.  |

### HVAC

- |   |         |   |
|---|---------|---|
| 1 | General | Refer to Design Guidelines for system requirements.   |
| 2 | ETECH 2 | Dust collection system provided by Owner. Installation by General Contractor. GC to provide wall sleeve and cap for exhaust outlet. Confirm size with manufacturer prior to installation. |

### Acoustics

- |   |  |
|---|--|
| 1 | Classrooms and other core learning spaces must achieve minimum STC rating of 35. |
| 2 | Refer to Design Guidelines for system requirements.                              |

### General Notes

- |   |  |
|---|--|
| 1 | Provide locks on all doors.  |
| 2 | Provide interior window between ETECH 2, Materials & Processing Lab and ETECH 1, Engr. & Technology Lab. |

- 3 Provide interior window between ETECH 1c (Control Room) and ETECH 1d (Video Room). Window dimensions: 6'w x 3" h>
- 4 Provide a raised platform ( + 6" ) at rear of room at ETECH 1d.
- 5 Provide or install the suspended shelf (ceiling mounted) for the Interactive board projector in ETECH 1,2,3.

## Section 15.3 - FAMILY & CONSUMER SCIENCE

### General Description

The **Family & Consumer Science** program offers a unique focus on the inter-relationships between families and work; and prepares students for family life, work life, and careers. The lab is organized into several kitchen areas (student demo areas) resembling and including standard appliances as provided in a home environment, for "hands on" instruction; in addition to a classroom lecture space in view of the teacher demo area. Reference Georgia Performance Standards for these programs located at [www.georgiastandards.com](http://www.georgiastandards.com). **Key Adjacency:** Located adjacent to other Career Technology Labs on ground level in close proximity to exits for convenient installation of large equipment, and delivery of supplies.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
FCS 1	Lab	1800	1	1800	
FCS 2	Classroom	0	0	0	FCS 1
FCS 3	Office	150	1	150	FCS 1
FCS 4	Storage Room	150	1	150	FCS 1
<b>Total Area SF</b>				<b>2100</b>	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
MB	FCS 1, FCS 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	FCS 1, FCS 2	8' x 4'	1	OP. Center on teaching wall.
TB	FCS 1, FCS 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	FCS 1, FCS 2	12' x 4'	1	Locate above computer stations.
MB	FCS 2	4' x 4'	2	
MB	FCS 1		1	
TB	FCS 1	4' x 4'	1	
IB	FCS 2		1	OP. Installed by Owner on Teaching Wall.
CLK	FCS 2		1	Locate at teaching wall.
SK2	FCS 1		4	Student Kitchen Demo areas.
SK1	FCS 1		1	Teacher Demo Workstation
PTD	FCS 1		3	
	FCS 1		3	
EH	FCS 1		4	Student Kitchen Demo areas.
EH	FCS 1		1	Teacher Demo Workstation
CT	FCS 1		1	Teacher Demo Workstation
RGE	FCS 1		4	Student Kitchen Demo areas.
REF	FCS 1		2	
TRC	FCS 1		1	
DW	FCS 1		2	Student Kitchen Demo areas.
DR	FCS 4		1	
WA	FCS 4		1	
FE	FCS 1		1	
FE	FCS 4		1	
SHLV	FCS 4	3'w x 15"d	8	Freestanding metal shelving.
OPS	FCS 1		1	Ceiling mount.
CMP	FCS 2			OP - refer to Instructional Technology requirements.

TB - Tack Board

FE - Fire Extinguisher

SH - Shelves

TRC - Trash Compactor

**MB** - Marker Board  
**TC** - Teacher Cabinet  
**CT** - Demo Table w/ Cook Top  
**REF** - Refrigerator  
**RGE** - Elec./Gas Range, ADA

**CLK** - Electronic Wall Clock  
**AMD** - Alarm Motion Detector  
**CMP** - Computers (student)  
**OP** - Owner Provided  
**PTD** - Paper Towel Dispenser  
**SD** - Soap Dispenser

**DR** - Dryer  
**WA** - Washer  
**IB** - Interactive Board  
**OPS** - Overhead Projector Shelf  
**C/BKT**-Component Bracket (wall mtd)



## Finishes

Walls:	a All spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a FCS 1, FCS 2, FCS 3	Provide vinyl composition tile w/ 4 " rubber base in all spaces, w/ the exception of the following.
	b FCS 1	Provide quarry tile w/ coved bull nose quarry tile base.
Ceilings:	a All spaces:	Provide 2x2 standard acoustical ceiling tile.
	b All spaces:	Provide 2x4 fluorescent fixtures.

## Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Notes
FCS 1	Lab	Teacher Cabinet		1	3'x2'x7'
		Storage Cabinet		1	3'x2'x7'
		Base Cabinet	76 LF	1	
		Upper Cabinet	74 LF	1	Provide four (4) double bowl sinks and one (1) Teacher Demo workstation w/single bowl sink and cooktop with hood.
		Work Counter		1	
FCS 2	Classroom	Teacher Cabinet		1	3'x2'x7'
		Book Shelves		4	3' w x 12"d Low units @ window wall.

## Utilities

Electrical	Location	Lighting & Communications
	<b>Student &amp; Teacher Demo Areas:</b>	
Power:	FCS 1	Provide one (1) junction box for kitchen hood. Coordinate exact location with equipment provided at Student Kitchen Demo Areas & Teacher Demo Workstation.
	FCS 1, FCS 2	Provide all necessary power and data for equipment listed above.
	FCS 1	Provide ___(?) quadruplex receptacle outlets, above work counters at Student Kitchen Demo Area, Base Cabinet.
	FCS 3 - Office	Provide one (1) quadruplex receptacle (w/data) adj to desk area and one (1) quadruplex receptacle (w/data) on rear wall.
	<b>Classroom Computer Area:</b>	
	FCS 2	Refer to Instructional Technology requirements.
	<b>Teaching Wall:</b>	
Clock:	FCS 2	Provide receptacle for clock.
Intercom:	FCS 2, FCS 3	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Security:	FCS 2	Provide junction box and raceway for alarm motion detector.
Data:	FCS 2	Provide receptacle and voice/data outlet for Interactive Board.
	FCS 3 - Office	Provide one (1) data outlet adj to each quadruplex receptacle at desk and rear wall.
DVD:	FCS 2	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	FCS 2	Provide one (1) television outlet.
Projector:	FCS 2	Provide ceiling mounted receptacle and data outlet for projector.
Other:	FAMILY & CONSUMER	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	FAMILY & CONSUMER	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

## Plumbing

1	FCS 1	Provide four (4) double bowl sinks at Student Kitchen Demo areas at perimeter of lab.
2	FCS 1	Provide one (1) single bowl at stand alone Teacher Demo Workstation.
3	FCS 1	Provide all necessary plumbing requirements for equipment listed above.
4	FCS 1	Provide two (2) floor drains. (One (1) @ each kitchenette area.)
5	FCS 4	Provide one (1) floor drain.

## HVAC

- 1 FCS 1 Provide exhaust hood at each stove in lab area.
- 2 FCS 4 Provide dryer exhaust.

\* Refer to Design Guidelines for HVAC system requirements.

## Acoustics

- 1 n/a

## General Notes

- 1 Provide locks on all doors.
- 2 Provide interior window between FCS 3 (Office) and FCS 1.

## Section 15.4 - JROTC

### General Description

The purpose of **Junior ROTC (JROTC)** is to instill the concepts of leadership, scholarship, and citizenship in students through classroom instruction, uniforms inspection, and close order drill. Students learn and practice leadership skills by directing other students during classroom sessions. The Arms Room stores drill and air rifles used for extracurricular activities. (Color Guard, Drill Team, Rifle Team). Uniform Storage provides all student uniform materials, normally for 125% of the student load, to ensure all cadets are in uniform. Classroom design supports three levels of JROTC classes taught simultaneously; enabling each classroom period (100 students per class period) to function independently while remaining part of the whole unit. Provide capability to separate the two required classrooms by an operable partition providing the opportunity for all students to assemble in a single space. **Key Adjacency:** \_\_\_\_\_?

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
JROTC 1	Classroom	1500	1	1500	JROTC 3
JROTC 2	Office	150	1	150	JROTC 1
JROTC 3	Classroom	1500	1	1500	JROTC 1
JROTC 4	Cadet Office	150	1	150	
JROTC 5	Office	200	1	200	JROTC 3
JROTC 6	Arms Room (Weapons Storage)	100	1	100	
JROTC 7	Materials Storage	200	1	200	JROTC 4
JROTC 8	Uniform Storage (incl. 2 dressing stalls)	400	1	400	JROTC 1, JROTC 3
Total Area SF				4200	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	#/RM
MB	FCS 1, FCS 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	FCS 1, FCS 2	8' x 4'	1	OP. Center on teaching wall.
TB	FCS 1, FCS 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	FCS 1, FCS 2	12' x 4'	1	Locate above computer stations.
MB		4' x 4'		
TB		4' x 4'		
IB	JROTC 1, JROTC 3		1	OP. Installed by Owner on Teaching Wall.
	JROTC 1, JROTC 3		1	Locate at teaching wall.
CTR	JROTC 8		?	
DB	JROTC 8		2	
FEC	JROTC 8		1	
UCR	JROTC 8			OP
SHLV	JROTC 7	3'w x 15" d	18	Freestanding metal shelving.
FCV	JROTC 7	2"w x 30" d	4	
GTC	JROTC 1, JROTC 3		1	OP
CMP	JROTC 1, JROTC 3			OP - refer to Instructional Technology requirements.

TB - Tack Board	CTR - Curtain Rod	SHLV - Shelving (metal)	CMP - Computers (student)
MB - Marker Board	DB - Dressing Bench	CLK - Electronic Wall Clock	C/BKT-Component Bracket (wall mtd)
IB - Interactive Board		GTC - Glass Trophy Case	FCV - File Cabinets (vert.)
		UCR - Uniform Clothes Rack	FEC - Fire Extinguisher Cabinet

### Finishes

Walls:	a All spaces	Provide paint finish. Refer to Design Guidelines for sheen. Water base, zero VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a JROTC 1, 3, 6, 7, 8	Provide vinyl composition tile w/ 4" rubber base in all spaces, w/ the exception of the following.
	b JROTC 2, 4, 5	Provide carpet tile w/4" rubber base.

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Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile in all spaces, with the exception of JROTC 8.
	b All Spaces	Provide 2x4 fluorescent fixtures in all spaces, with the exception of JROTC 8.

- c All Spaces Provide minimum 10'-0" ceiling height in all spaces, with the exception of JROTC 8.
- d JROTC 8 Open to structure (OTS)
- e JROTC 8 Provide surface mounted fluorescent fixtures.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
JROTC 8		Built-in shelves (Adjustable)	54 LF	14	4'x12"x8'	Shelf unit dimensions. L-shaped configuration. 4 shelves high
JROTC 8	Uniform Storage	Dressing Benches		2		Dressing Benches w/mounted robe hook.
JROTC 8	Uniform Storage	Uniform Clothes Rack				
JROTC 1, 3	Classroom	Teachers Cabinet			3'x2'x7'	

### Utilities

Electrical	Location	Lighting & Communications
Power:	<b>Classroom Computer Area:</b>	
	JROTC 1, JROTC 3	Provide power and data drops for four (4) student computers, wall mounted.
	JROTC 1, JROTC 3	Provide 4 x 4 junction box, single gang plaster ring, temporary cover plate, and 3/4 "C stubbed into corridor with bussing, above ceiling.
	JROTC 1, JROTC 3	Provide three (3) quadraplex receptacles, and one (1) data outlets @ ____ " AFF.
	JROTC 2, 5 - Office	Provide one (1) duplex receptacle, one (1) quadraplex receptacle, one (1) data outlet adjacent to desk; duplicate on wall opposite desk.
	<b>Teaching Wall:</b>	
Clock:	JROTC 1, JROTC 3	Provide receptacle for clock.
Intercom:	JROTC 1, 2, 3, 4, 5	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Data:	JROTC 1, JROTC 3	Provide receptacle and voice/data outlet for Interactive Board.
	JROTC 2, 5 - Office	Provide two (2) data outlets.
DVD:	JROTC 1, JROTC 3	Provide receptacle and TV/RGB outlet for DVD Player.
TV:	JROTC 1, JROTC 3	Provide one (1) television outlet
Projector:	JROTC 1, JROTC 3	Provide ceiling mounted receptacle and data outlet for projector.
Other:	JROTC	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	JROTC	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

### Plumbing

- 1 None.

### HVAC

- 1 Refer to Design Guidelines for HVAC system requirements.

### Acoustics

- 1 n/a

### General Notes

- 1 Provide locks on all doors.
- 2 Provide interior window in offices, JROTC 2 and JROTC 4.

## Section 16.1 - CULINARY ARTS

### General Description

The **Culinary Arts** program prepares students for employment in food industry careers such as: food production and services, food science, nutrition, and hospitality. Included in the course of study are skills in such areas as career planning, food safety and sanitation, accident and injury prevention, kitchen basics, use and care of commercial utensils and equipment, preparation of commercial food items, the art of service, controlling costs, food management functions, and customer relations. In addition to classroom and laboratory work, students will participate in work-based learning experiences. Successful students will receive a Prostart certificate from the National Restaurant Association. Students must meet demanding criteria in order to be placed in an internship or apprenticeship. Georgia Performance Standards for these programs are located at [www.georgiastandards.com](http://www.georgiastandards.com). Reference for room layout, equipment and casework configuration. **Key Adjacency:** XXXXXXXXXX?

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
CA 1	Lab	2150	1	2150	
CA 2	Classroom	0	1	0	CA 1
CA 3	Office	150	1	150	CA 1
CA 4	Pantry	220	1	220	CA 1
CA 5	Linen Storage	100	1	100	CA 1
Total Area SF				2620	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	
MB	CA 1, CA 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	CA 1, CA 2	8' x 4'	1	OP. Center on teaching wall.
TB	CA 1, CA 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	CA 1, CA 2	12' x 4'	1	Locate above computer stations.
MB	CA 2	4' x 4'	2	
TB	CA 1, CA 2	4' x 4'	1	
IB	CA 2		1	OP. Installed by Owner on Teaching Wall.
CLK	CA 2		1	Locate at teaching wall.
DR	CA 5		1	
WA	CA 5		1	
	CA 4		1	
MS	CA 4		7	
PDP	CA 1		8	
OPS	CA 2		1	Ceiling mount.
CMP				OP - refer to Instructional Technology requirements.
AMD	CA 2		1	
FE	CA 1		2	
IM	CA 1		1	
FSS	CA 1, CA 2			
EH	CA 1		1	
HSK	CA 1		3	
PTD	CA 1			As required.
SD	CA 1			As required.
PPS	CA 1		1	
FS	CA 1		2	
HR	CA 1		1	Wall mount.

**TB** - Tack Board

**MB** - Marker Board

**OPS** - Overhead Projector Shelf

**CLK** - Electronic Wall Clock

**FSS** - Fire Suppression System

**MS** - Metal Shelving (industrial)

**IM** - Ice Maker

**FE** - Fire Extinguisher

**HSK** - Hand Sink (wall mount)

**PPS** - Pot & Pan Sink

**FS** - Floor Sink

**OPS** - Overhead Projector Shelf

**CMP** - Computers (student)

**IB** - Interactive Board

**EH** - Exhaust Hood

**AMD** - Alarm Motion Detector

**PDP** - Pull down reel power cord

**C/BKT**-Component Bracket (wall mtd)

**Video/Bkt**-Recorder bracket (wall mtd.)

\* Reference Design Guidelines for complete list of prostart kitchen equipment.

## Finishes

Walls: a Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.

Floors: a CA 2, 3, 4, 5 Provide vinyl composition tile w/ 4 " rubber base.  
 b CA 1 Provide 6" x 6" quarry tile w/ coved bull nose quarry tile base.

Ceilings: a CA 2, CA 3, CA 5 Provide 2x2 standard acoustical ceiling tile (ACT).  
 b CA 1, CA 4 Provide 2x2 stainless steel ceiling tile.  
 c All Spaces Provide 2x4 fluorescent fixtures in all spaces.  
 d CA 3, CA 4, CA 5 Provide minimum 9'-4" ceiling height.  
 e CA 1, CA 2 Provide minimum 10'-0" ceiling height in lab and classroom areas.

## Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
CA 2	Classroom	Teachers Cabinet (lockable)		1	3'x2'x7'	
CA 4	Pantry	Base Cabinet	18 LF			Provide lockable base cabinet.
		Upper Cabinet	18 LF			Provide lockable upper cabinet.
		Work Counter	18 LF			
CA 5	Linen Storage	Base Cabinet	11 LF			Provide lockable base cabinet.
		Upper Cabinet	11 LF			Provide lockable upper cabinet.
		Work Counter	11 LF			

## Utilities

Electrical	Location	Lighting & Communications
Power:	CA 1	Provide junction box for kitchen exhaust hood.
	CA 3 - Office	Provide one (1) quadraplex receptacle (w/data) adj to desk area and one (1) quadraplex receptacle (w/data) on rear wall.
	<b>Teaching Wall:</b>	
Clock:	CA 2	Provide receptacle for clock.
Intercom:	CA 2, CA 3	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Security:		Provide junction box and raceway for alarm motion detectors , ceiling mounted.
Data:	CA 2	Provide receptacle and voice/data outlet for Interactive Board.
	CA 3 - Office	Provide one (1) data outlet adj to each quadraplex receptacle at desk and rear wall.
DVD:	CA 2	Provide receptacle and TV/RGB outlet for DVD Player.
Projector:	CA 2	Provide ceiling mounted receptacle and data outlet for projector.
Fire Alarm:	CA 4	Provide ceiling mounted horn or strobe.
Other:	CULINARY ARTS	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	CULINARY ARTS	Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology requirements outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

## Plumbing

- 1 Provide all necessary plumbing for equipment listed in GDOE and DeKalb Design Guidelines.
- 2 Provide sanitary and vent piping for floor drains as required in CA 1 (4), and CA5 (1).

## HVAC

- 1 Refer to Design Guidelines for HVAC system requirements.
- 2 Provide all necessary HVAC for equipment listed in GDOE guidelines.
- 3 Provide dryer exhaust in CA 5.
- 4 Provide exhaust hood over cooking area equipment in CA 1.
- 5 Provide condensate hood over potwasher equipment in CA 1.

## Acoustics



- 1 Refer to Design Guidelines for HVAC system requirements.

## General Notes

- 1 Provide locks on all doors.
- 2 Provide interior window in office, CA 3.
- 3 Coordinate all kitchen equipment locations.

## Section 16.2 - HEALTH SCIENCE

### General Description

Health Science prepares students for professional careers in Pharmacy, Nursing, EMT, Medical Lab Technology, Medical Information Technology, Public Health, and Dental Technology. Health Science students study the various systems within the human body, disease, health care programs, and medical ethics. Georgia Performance Standards for these programs are located at [www.georgiastandards.com](http://www.georgiastandards.com). Reference for room layout, equipment and casework configuration. **Key Adjacency:** Physical Education and Science Labs.

### Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
HS 1	Lab (incl. Nurses Station)	2080	1	2080	
HS 1 a	Patient Cot Areas	0	3	0	HS 1
HS 2	Classroom	0	1	0	HS 1
HS 3	Office	150	1	150	HS 1
HS 4	Toilet	100	1	100	HS 1
HS 5	Kitchen / Laundry	150	1	150	HS 1
Total Area SF				2480	

### Equipment

The following items are to be specified in the base contract unless noted otherwise.

Item	Room Location	Size (WxH)	#/RM	
MB	HS 1, HS 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	HS 1, HS 2	8' x 4'	1	OP. Center on teaching wall.
TB	HS 1, HS 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	HS 1, HS 2	12' x 4'	1	Locate above computer stations.
TB	HS 1, HS 2	4' x 4'	1	
MB	HS 1, HS 2	4' x 4'	1	
IB	HS 2		1	OP. Installed by Owner on Teaching Wall.
CLK	HS 2		1	Locate at teaching wall.
TH	HS 4		1	
GB	HS 4		1	
ND	HS 4		1	
	HS 4		1	
SC	HS 4		1	
SS	HS 4		1	
MI	HS 4		1	
DR	HS 5		1	
WA	HS 5		1	
REF	HS 5		1	
DW	HS 5		1	
RGE	HS 5		1	
EH	HS 5		1	
FE	HS 5		1	
SK	HS 4		1	
SK	HS 5		1	
HSK	HS 1a		3	
HSK	HS 1		3	
USK	HS 5		1	

TDD	HS 4		1	
SD	HS 4		1	
PTC	HS 1a		3	
PCT	HS 1a		3	
OPS	HS 2		1	Ceiling mount.

AMD	HS 2		1	Ceiling mount.
CMP	HS 2			OP - refer to Instructional Technology requirements.

  

<b>TB</b> - Tack Board	<b>DR</b> - Dryer	<b>TH</b> - Toilet Tissue Dispenser	<b>CMP</b> - Computers (Student)
<b>MB</b> - Marker Board	<b>WA</b> - Washer	<b>GB</b> - Grab Bars	<b>REF</b> - Refrigerator (w/ ice maker)
<b>BC</b> - Book Cases	<b>FE</b> - Fire Extinguisher	<b>ND</b> - Napkin Disposal Cabinet	<b>C/BKT</b> -Component Bracket (wall mtd)
<b>CLK</b> - Electronic Wall Clock	<b>PTC</b> - Patient Cot	<b>NDD</b> - Napkin Disposal Cab.	<b>Video/Bkt</b> -Recorder bracket (wall mtd.)
<b>IB</b> - Interactive Board	<b>PCT</b> - Patient Curtain/Track	<b>TDD</b> -Towel Dispenser Disposal	<b>OP</b> - Owner Provided
<b>SK</b> - Sink	<b>DW</b> - Dish Washer	<b>SS</b> - Shower Seat	<b>SC</b> - Curtain Rod & Shower Curtain
<b>HSK</b> - Hand Sink (wall mount)	<b>RGE</b> - Elec./Gas Range, ADA	<b>MI</b> - Mirrors 18 " w x 36" h	<b>SD</b> - Surface mtd. Soap dispenser
<b>USK</b> - Utility Sink	<b>EH</b> - Exhaust Hood	<b>AMD</b> - Alarm Motion Detector	<b>PTD</b> - Paper Towel Dispenser
			<b>SD</b> - Soap Dispenser
			<b>OPS</b> - Overhead Projection Screen

\* Reference Design Guidelines for complete list of kitchen/laundry equipment.

### Finishes

Walls:	a All Spaces	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b All spaces	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a All Spaces	Provide vinyl composition tile w/ 4 " rubber base in all spaces w/ the following exceptions.
	b HS 3	Provide carpet w/ 4" rubber base.
	c HS 4	Provide ceramic tile (CT) w/ ceramic base.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile (ACT).
	b All Spaces	Provide 2x4 fluorescent fixtures.
	c HS 1a	Provide minimum 8'-0" ceiling height.
	d HS 3, HS 4, HS 5	Provide minimum 9'-4" ceiling height.
	e HS 1, HS 2	Provide minimum 10'-0" ceiling height in lab and classroom areas if adjoined if adjoined.

### Casework

Space No.	Room Name	Unit Type	Unit Length	Qty	Size (wxdxh)	Notes
HS 1	Lab	<b>Work Counter (w/sinks):</b>		1		
		Base Cabinet (lockable)	22 LF			Provide upper and base cabinets w/ two (2) single bowl sinks.
		Upper Cabinet (lockable)	22 LF			
HS 1	Lab	<b>Nurses Station:</b>		1		
		Base Cabinet (lockable)	8 LF			Provide L-shaped reception desk (w/ solid surface counter top. Provide cabinets w/ one (1) single bowl sink and solid surface work counter.
		Upper Cabinet (lockable)	8 LF			
HS 2	Classroom	Teachers Cabinet (lockable)		1	3'x2'x7'	
		Book Cases		6	3'x12"x30"	
HS 4	Toilet	Built-in shelves (wooden) (3 shelf unit)	3 LF	1	36"x12"x44"	Locate in alcove adjacent to shower area. Mounting height, 3"-4" AFF.
HS 5	Kitchen / Laundry	Base Cabinet (lockable)	12 LF			(1) utility sink.

### Utilities

Electrical	Location	Lighting & Communications
Power:	HS 5	Provide junction box for kitchen exhaust hood.
	HS 3 - Office	Provide one (1) quadruplex receptacle (w/data) adj to desk area and one (1) quadruplex receptacle (w/data) on rear wall.
	<b>Classroom Computer Area:</b>	
	HS 2	Refer to Instructional Technology requirements and Design Guidelines.
	<b>Teaching Wall:</b>	
Clock:	HS 2	Provide receptacle for clock.
Intercom:	HS 2, HS 3	Provide push button 4 x 4 box, single gang plaster ring and 3/4 "C stubbed into ceiling for intercom system.
Security:	HS 2	Provide junction box and raceway for alarm motion detectors , ceiling mounted.

Data:	HS 2	Provide receptacle and voice/data outlet for Interactive Board.
	HS 3 - Office	Provide one (1) data outlet adj to each quadraplex receptacle at desk and rear wall.
DVD:	HS 2	Provide receptacle and TV/RGB outlet for DVD Player.
TV:		Provide one (1) television outlet.
Projector:	HS 2	Provide ceiling mounted receptacle and data outlet for projector.

Other: HEALTH SCIENCES Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.  
 HEALTH SCIENCES Technology Infrastructure: Reference Instructional Technology requirements.

\*Instructional Technology outline technology infrastructure (i.e. power, data, cabling, voice/data) requirements for rooms within the school.

**Plumbing**

- 1 Provide all necessary plumbing for equipment listed in GDOE guidelines....or...DeKalb Design Guidelines.
- 2 HS 1 Provide domestic CW, HW, and sanitary piping and vent for three (3) sinks listed below.  
 Work Counter: Provide two (2) single bowl sinks.  
 Nurses Station: Provide one (1) single bowl sink.
- 3 HS 1a Patient Cot Areas: Provide one (1) single bowl sink per each cot area. Provide domestic CW,HW,sanitary piping.
- 4 HS 4 Provide domestic CW, HW, and sanitary piping for shower; and sanitary piping for floor drain.
- 5 HS 5 Provide domestic CW, HW, and sanitary piping and vent for one (1) kitchen sink.  
 Provide domestic CW, HW, and sanitary piping and vent for one (1) utility sink.  
 Provide CW for ice maker in refrigerator, shut -off valve and backflow preventer.  
 Provide HW for dishwasher, shut -off valve and backflow preventer.  
 Provide domestic CW, HW, and sanitary piping and vent for one (1) washer.  
 Provide domestic CW, HW, and sanitary piping for shower; and sanitary piping for floor drain.

**HVAC**

- 1 Refer to Design Guidelines for HVAC system requirements.
- 2 Provide all necessary HVAC for equipment listed in GDOE guidelines.
- 3 Provide dryer exhaust in HS 5.
- 4 Provide exhaust hood over cooking range in HS 5.

**Acoustics**

- 1 Refer to Design Guidelines for system requirements.

**General Notes**

- 1 Provide locks on all doors.
- 2 Provide interior window in office, HS 3.

**APPENDIX A**

**HIGH SCHOOL - Square Footage Summary**

**APPENDIX A - REAL INVENTORY NUMBERS (need to populate) 9.25.11**

**HIGH SCHOOL - Square Footage Allocations (4/14/11 / 5/30/11) 07.28.11 ed spec meetings, 09/4/11 - finished, Rev. 9.26.11, 10.11.11, 10.24**

Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
			A	B	C	D	E	F	G	H
<b>Section 01</b>	<b>Classroom Type I - (Eng./World Lang./Math/SS + ISS)</b>	80 IU's	84 IU's					FTE 1600 (84 IU's)		
CR1 1	English	12	12	4	700	12	8400	800	12	9600
CR1 1	World Language	5	5	7	700	5	3500	800	5	4000
CR1 1	Mathematics	12	11	10	700	13	9100	800	11	8800
CR1 1	Social Studies	12	11	14	700	9	6300	800	11	8800
CR1 1	In School Suspension	3	3	600	700	1	700	800	3	2400
CR1 2	Computer Labs	1	1	1000	940	3	2820	1000	1	1000
	<b>Total NSF</b>	45	43	19			30820			34600
<b>Section 02</b>	<b>Classroom Type II - (Science)</b>			21						
CR2 1	Science Labs			1200	1117	12	13404	1600	14	22400
CR2 2	Prep/Storage Room			0	370	6	2220	200	7	1400
	<b>Total NSF</b>	12	14	29			15624			23800
EDUCATIONAL COMMON SPACES				33						
<b>Section 03</b>	<b>MEDIA CENTER</b>									
MC 1	Main Reading Room				3011	1	3011	5300	1	5300
MC 2	Conference Room				328	1	328	250	1	250
MC 3	Offices			38	Duplicate?	2	#VALUE!	150	2	300
MC 4	Audio / Visual Non-Print Storage				536	1	536	500	1	500
MC 5	Media Production / Distribution				395	1	395	400	1	400
MC 6	Workroom				336	1	336	350	1	350
MC 6 a	Toilet			42	50	1	50	50	1	50
MC 7	Reading Room			45	321	1	321	300	1	300
	<b>Total NSF</b>	1	1	7125			#VALUE!			7450
<b>Section 04</b>	<b>ART</b>									
	Art Lab (2-D)			50	Duplicate?	1	#VALUE!	1600	1	1600
ART 2	Office (1 Person)			55	198	1	198	150	1	150
ART 3	Storage				165	1	165	170	1	170
ART 4	Art Lab (3-D)				1412	1	1412	1600	1	1600
ART 5	Kiln Room				165	1	165	150	1	150
ART 6	Office (2 Person)				198	1	198	150	1	150
	<b>Total NSF</b>	1	2	63			#VALUE!			3820
<b>Section 05</b>	<b>MUSIC</b>									
	<b>INSTRUMENTAL (Band / Orchestra)</b>									
IM 1	Band Room				2219	1	2219	2200	1	2200
IM 2	Storage - Uniform				307	1	307	400	1	400
IM 3	Storage - Band Equipment			79	443	1	443	400	1	400
IM 4	Practice Rooms				144	2	288	100	2	200
IM 5	Office (Band Director)				139	1	139	150	1	150
IM 6	Music Library				138	1	138	150	1	150
IM 7	Orchestra Room				821	1	821	2000	1	2000
IM 8	Storage - Orchestra Equipment			88	443	1	443	400	1	400
IM 9	Band/Music Corridor (internal circulation)			100	139	1	139	140	1	140
	<b>Instrumental Subtotal</b>	1	2	124	SubTotal NSF		4937			6040
	<b>CHORAL (Choral / Key Boarding)</b>			125						
CM 1	Chorus Classroom				1414	1	1414	1800	1	1800
CM 2	Chorus Equipment Storage				114	1	114	200	1	200
CM 3	Office				105	1	105	150	1	150
CM 4	Keyboard Classroom				731	1	731	800	1	800
CM 5	Music Library				207	1	207	150	1	150
CM 6	Practice Rooms				183	2	366	100	2	200
CM 7	Storage - Uniform				60	1	60	200	1	200
	<b>Choral Subtotal</b>	1	2	1800	SubTotal NSF		2997			3500
	<b>Total NSF</b>	2	4	1924			7934			9540



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Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
<b>Section 06</b>	<b>DRAMA</b>									
DR 1	Classroom				1537	1	1537	1520	1	1520
	<b>Total NSF</b>	<b>1</b>	<b>1</b>	<b>1500</b>			<b>1537</b>			<b>1520</b>
<b>Section 07</b>	<b>PHYSICAL EDUCATION</b>									
	<b>Gymnasium:</b>									
PE 1	a. Main Gym				16721	1	16721	16000	1	16000
	b. Mezzanine Track				6223	1	6223	6200	1	6200
	c. Visitors Locker Room				278	1	278	250	1	250
	<b>Boy's:</b>									
PE 2	a. P.E. Locker Room				894	1	894	900	1	900
	b. Showers				146	1	146	300	1	300
	c. Toilet				240	1	240	300	1	300
	d. Janitor Closet				37	1	37	40	1	40
	e. Athletic Locker Room				1810	1	1810	1800	1	1800
	f. Locker Room Common Area (internal circulation)				640	1	640	500	1	500
	<b>Girls:</b>									
PE 3	a. P.E. Locker Room				756	1	756	800	1	800
	b. Showers				634	1	634	600	1	600
	c. Toilet (incl. in shower area)				0	1	0	0	1	0
	d. Janitor Closet				37	1	37	40	1	40
	e. Athletic Locker Room				1089	1	1089	1080	1	1080
	f. Locker Room Common Area (internal circulation)				450	1	450	500	1	500
	<b>Coach / Support Areas:</b>									
PE 4	a. Coach Workroom				439	2	878	400	2	800
	b. Coach Office (incl./toilet & shower 92 sf)				292	6	1752	290	6	1740
	c. Laundry				289	1	289	300	1	300
	d. PE Office (Boy's & Girl's) incl. 45 sf closet				449	2	898	400	2	800
	e. Training Room (Boy's & Girl's)(incl./ 1 toilet & shower 92 sf				374	2	748	400	2	800
PE 5	<b>Storage:</b>									
	a. Storage - athletic (outdoor)				350	1	350	350	1	350
	b. Storage - athletic				875	1	875	875	1	875
	c. Storage - physical education				424	2	848	424	1	424
	d. Storage - athletic				794	1	794	794	1	794
	<b>PE Subtotal</b>	<b>1</b>	<b>1</b>	<b>25000</b>	<b>SubTotal NSF</b>		<b>37387</b>			<b>36193</b>
PE 6	<b>Wellness:</b>									
	a. Health Service Lab				1187	1	1187	1187	1	1187
	b. Health Classroom				823	2	1646	823	2	1646
	c. Multi-Purpose Room				2706	1	2706	2706	1	2706
	Multi-Purpose Room Storage Closet				239	1	239	239	1	239
	<b>Health Subtotal</b>	<b>2</b>	<b>2</b>	<b>600</b>			<b>5778</b>			<b>5778</b>
	<b>Total NSF</b>	<b>3</b>	<b>3</b>	<b>25600</b>			<b>43165</b>			<b>41971</b>
OTHER ESSENTIAL CLASSROOMS										
<b>Section 08</b>	<b>SPECIAL EDUCATION (Severe and Profound)</b>									
	<b>Special Needs Suite (SPED 1 thru SPED 3):</b>									
SPED 1	Suite Classrooms (w/o kitchenette)				543	1	543	800	1	800
SPED 1 a	Suite Classrooms (w/ kitchenette)				543	1	543	800	1	800
SPED 2	Adaptive Toilet (shared)				147	1	147	150	1	150
SPED 3	Office (Itinerant)				129	1	129	150	1	150
SPED 4	Classrooms (Incl. General & Vision Resource Rm.)				700	4	2800	800	6	4800
	<b>Total NSF</b>	<b>6</b>	<b>6</b>	<b>600</b>			<b>4162</b>			<b>6700</b>
SUPPORT SPACES										

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Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed			
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF	
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)			
		A	B	C	D	E	F	G	H		
<b>Section 09</b>	<b>AUDITORIUM</b>										
	<b>Auditorium:</b>										
AUD 1	a. Auditorium & Pit				5949	1	5949	6000	1	6000	
	b. Auditorium Entrance Vestibules				0	2	0	0	2	0	
	c. Auditorium Spiral Access Stair Room				0	1	0	0	1	0	
	d. Suspended Catwalk				0	1	0	0	1	0	
AUD 2	Costume Room				254	1	254	250	1	250	
AUD 3	Storage Room				231	1	231	200	1	200	
AUD 4	Stage				1690	1	1690	1700	1	1700	
AUD 5	Scene Shop & Storage				969	1	969	1000	1	1000	
AUD 6	Dressing Room (Boy's & Girls)				248	2	496	250	2	500	
AUD 7	Toilet Room (shared)				72	1	72	70	1	70	
	<b>Mechanical Mezzanine:</b>										
AUD 8	a. Auditorium Control Room				250	1	250	200	1	200	
	b. Dim Panel Room				0	1	0	0	1	0	
	<b>Auditorium / Gym Support Spaces (shared):</b>										
AUD 9	a. Lobby (Hall of Fame) / Corridor				0	1	0	0	1	0	
	b. Concessions				255	1	255	300	1	300	
	c. Concession Storage Closet				60	1	60	50	1	50	
	d. Ticketing				349	1	349	150	1	150	
	e. Women's Toilet				409	1	409	420	1	420	
	f. Men's Toilet				424	1	424	420	1	420	
	g. IDF Room				0	1	0	0	1	0	
	<b>Total NSF</b>	<b>0</b>	<b>0</b>	<b>15000</b>			<b>11408</b>			<b>11260</b>	
<b>Section 10</b>	<b>ADMINISTRATION</b>										
	<b>Main Administration Suite (1st floor-Main Entry)</b>										
ADM 1	Reception Lobby				730	1	730	600	1	600	
ADM 2	Principal's Office				358	1	358	330	1	330	
ADM 2 a	Closet				21	1	21	20	1	20	
ADM 2 b	Toilet				49	1	49	50	1	50	
ADM 3	Conference Room				428	1	428	420	1	420	
ADM 4	Attendance Office				176	1	176	150	1	150	
ADM 5	Book Keeper Office				196	1	196	150	1	150	
ADM 6	Vault/Records Rm.				76	1	76	150	1	150	
ADM 7	Clinic				239	1	239	250	1	250	
ADM 7 a	Toilet				49	1	49	50	1	50	
ADM 8	Toilet Rooms (Staff)				50	2	100	50	2	100	
ADM 9	Lounge				223	1	223	200	1	200	
ADM 10	Mail Room				270	1	270	250	1	250	
ADM 11	Workroom				274	1	274	250	1	250	
ADM 12	Intercom Equipment Alcove (incl. in workroom)				0	1	0	0	1	0	
ADM 13	Admin Suite Corridor (int. circ.)				0	1	0	0	1	0	
ADM 17	Testing Room							385	1	385	
ADM 18	Test Storage							100	1	100	
ADM 19	Data Room							145	1	145	
					<b>SubTotal NSF</b>			<b>3189</b>			<b>3600</b>
	<b>Workrooms:</b>										
ADM 14	Faculty Workroom				448	4	1792	450	4	1800	
ADM 14 a	Toilet				50	8	400	50	8	400	
ADM 14	Faculty Workroom (Security Resurce Officer)				426	1	426	450	1	450	
ADM 14 a	Toilet (Security Resource Officer)				50	2	100	50	2	100	
ADM 15	<b>Satellite Administration Suites:</b>										
ADM 15 a	Assistant Principal Office (2nd fl.)				115	1	115	150	1	150	
ADM 15 b	Administrative Assistant Office				657	1	657	150	1	150	

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Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A		B	C	D	E	F	G	H
ADM 15 c	Conference Room				383	1	383	350	1	350
ADM 15 a	Assistant Principal Office (3rd fl.)				361	1	361	150	1	150

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Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
ADM 15 b	Administrative Assistant Office				319	1	319	150	1	150
ADM 15 c	Conference Room				0	1	0	350	1	350
ADM 15 a	Assistant Principal Office (4th fl.)				124	1	124	150	1	150
ADM 15 b	Administrative Assistant Office				131	1	131	150	1	150
ADM 15 c	Conference Room				423	1	423	350	1	350
	<i>Miscellaneous Offices:</i>									
ADM 16	Coach Office (Soccer)				118	1	118	150	1	150
	Plant Engineer Office				113	1	113	150	1	150
	Security Resource Officer (SRO)				118	1	118	150	1	150
	Asst. Principal Office (2nd fl.)				122	1	122	150	1	150
	Office (Golf & Tennis)				140	1	140	150	1	150
					SubTotal NSF			5842		5450
	<b>Total NSF</b>	<b>0</b>	<b>0</b>	<b>4000</b>			<b>9031</b>			<b>9050</b>
<b>Section 11</b>	<b>COUNSELING</b>									
CSG 1	Counselor Lobby				578	1	578	500	1	500
CSG 2	Head Counselor Office				180	1	180	150	1	150
CSG 3	Registrar Office				174	1	174	174	1	174
CSG 4	Counselor Offices				174	2	348	174	2	348
CSG 5	AP Office				180	1	180	150	1	150
CSG 6	Vault / Records Room				150	1	150	150	1	150
CSG 7	Conference Room (incl . Closet)				201	1	201	350	1	350
CSG 7 a	Closet				76	1	76	20	1	20
CSG 8	Career Center (open area)				162	1	162	150	1	150
CSG 9	Toilet Room				46	1	46	50	1	50
CSG 10	Counseling Suite Corridor (internal circulation)				0	1	0	0	1	0
CSG 11	Graduation Specialist (relocated from Administration)				154	1	154	150	1	150
CSG 12	Testing Room								1	0
	<b>Total NSF</b>						<b>2249</b>			<b>2192</b>
<b>Section 12</b>	<b>SCHOOL NUTRITION</b>									
	<i>Kitchen Area:</i>									
KIT 1	Preparation Kitchen				1823	1	1823	1600	1	1600
KIT 2	Cooler (Walk-in)				0	1	0	200	1	200
KIT 3	Freezer (walk-in)				0	1	0	400	1	400
KIT 4	Dry Storage				474	1	474	500	1	500
KIT 5	Office				146	1	146	150	1	150
KIT 6	<i>Staff Area:</i>									
KIT 6 a	Locker / Laundry Room				151	1	151	150	1	150
KIT 6 b	Toilet				47	1	47	50	1	50
KIT 7	Servery				3178	1	3178	1200	1	1200
KIT 8	Dish Wash				289	1	289	350	1	350
KIT 9	Can Wash Room (exterior)				67	1	67	60	1	60
	<b>Kitchen Subtotal</b>	<b>0</b>	<b>0</b>	<b>4000</b>	SubTotal NSF			6175		4660
	<i>Cafeteria:</i>									
CAF 1	Cafeteria (Student Dining)				7292	1	7292	7800	1	7800
CAF 2	Storage (Table /Chair)				85	2	170	100	2	200
CAF 3	Vending Area (incl. in Cafeteria)				0	1	0	0	1	0
	<b>Cafeteria Subtotal</b>	<b>0</b>	<b>0</b>	<b>7619</b>	SubTotal NSF			7462		8000
	<b>Total NSF</b>	<b>0</b>	<b>0</b>	<b>11619</b>			<b>13637</b>			<b>12660</b>
BUILDING - MECHANICAL, ELECTRICAL, TOILETS, STORAGE										
<b>Section 13</b>	<b>BUILDING SERVICES (J.M. List)</b>									
	<i>Storage:</i>									
BS 1	Book Storage				406	1	406	600	3	1800

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**HIGH SCHOOL - Square Footage Allocations (4/14/11 / 5/30/11) 07.28.11 ed spec meetings, 09/4/11 - finished, Rev. 9.26.11, 10.11.11, 10.24**

Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
BS 2	General Building Storage (new)				0	1	0	250	6	1500
	<b>Custodial (Maintenance Rooms):</b>									
BS 3	a. Maintenance Room				82	1	82	70	1	70
	b. Maintenance Room				62	2	124	70	2	140
	c. Maintenance Room (exterior)				182	1	182	180	1	180
	<b>Branch Custodial Closets:</b>									
BS 4	a. Janitor Closet				37	1	37	40	8	320
	b. Janitor Closet-cafeteria corridor				70	1	70	0	0	0
	c. Janitor				49	1	49	0	0	0
	d. Janitor - cr wing - triangle				24	1	24	0	0	0
	e. Janitor - cr wing - triangle				24	1	24	0	0	0
	f. Janitor - cr wing - triangle				24	1	24	0	0	0
	g. Janitor				49	1	49	0	0	0
	h. Janitor				37	1	37	0	0	0
	<b>Building Mechanical &amp; Electrical Services:</b>									
	<b>Main Mechanical Rooms</b>									
BS 5	a. Main Mechanical Room				1058	1	1058	875	2	1750
	b. Main Mechanical Room				684	1	684	0	0	0
BS 6	<b>Branch Mechanical Rooms</b>									
	a. Cafeteria - Mechanical Room				334	1	334	300	1	300
	b. Elevator - Mechanical Equipment Room				82	1	82	80	1	80
	c. Gym - Mechanical Room				64	1	64	70	1	70
	d. Gym - Mechanical Room (Boiler Room)				224	1	224	200	1	200
BS 7	a. Mechanical Attic				0	1	0	0	1	0
	b. Mezzanine Access Rooms				198	1	198	200	1	200
	b. Mezzanine Access Rooms				75	1	75	75	1	75
	c. Mechanical Yard (outdoor)				0	1	0	0	1	0
BS 8	Emergency Generator Room				368	1	368	350	1	350
	<b>Main Electrical Rooms</b>									
BS 9	a. Main Electrical Room				260	1	260	250	4	1000
	b. Main Electrical Room				229	1	229	0	0	0
	c. Main Electrical Room (224 + IDF 48)				224	1	224	0	0	0
	Data Room				48	1	48	0	0	0
BS 10	<b>Branch Electrical Rooms</b>									
	a. Electrical Room				63	1	63	75	7	525
	b. Electrical Room				90	1	90	0	0	0
	c. Electrical Room				83	1	83	0	0	0
	d. Electrical Room				75	1	75	0	0	0
	e. Electrical Room				75	1	75	0	0	0
	f. Electrical Room				75	1	75	0	0	0
	g. Electrical Room				63	1	63	0	0	0
BS 11	Main Distribution Frame (MDF) Room				136	1	136	0	0	0
BS 12	Intermediate Distribution Frame (IDF) Room									
	a. Data Room				75	1	75	75	5	375
	b. Data Room				75	1	75	0	0	0
	c. Data Room				75	1	75	0	0	0
	d. Data Room				75	1	75	0	0	0
	e. Data Room				75	1	75	0	0	0
	<b>MIS:</b>									
BS 13	IT Office (CTSS)				140	1	140	150	1	150
BS 14	IT Server Room				136	1	136	150	1	150
	<b>Restrooms:</b>									
BS 15	Boy's - Student Restrooms @ classroom wings				303	6	1818	350	6	2100
BS 16	Girl's - Student Restrooms @ classroom wings				303	6	1818	350	6	2100
BS 17	Cafeteria - Girl's Restroom				244	1	244	250	1	250

## APPENDIX A - REAL INVENTORY NUMBERS (need to populate) 9.25.11

HIGH SCHOOL - Square Footage Allocations (4/14/11 / 5/30/11) 07.28.11 ed spec meetings, 09/4/11 - finished, Rev. 9.26.11, 10.11.11, 10.24

Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
BS 18	Cafeteria - Boy's Restroom				238	1	238	250	1	250
	Miscellaneous:									
BS 19	Corridors (See Section D, Public Commons)				0	1	0	0	0	0
Note:	Loading Dock / Compactor Area (outdoor)							0	0	0
<b>Total NSF</b>							10385			13935
CAREER TECHNOLOGY & OPTIONAL PROGRAMS										
<b>Section 15</b>	<b>BASIC CAREER TECHNOLOGY</b>									
<b>Section 15.1</b>	<b>BUSINESS &amp; COMPUTER SCIENCE</b>									
BCS 1	Business Lab				1744	4	6976	1800	4	7200
	a. Supply Closet				225	4	900	200	4	800
	b. Office				114	4	456	150	4	600
BCS 2	Business Classroom (2 CR's combined)				1410	1	1410	1600	1	1600
<b>Total NSF</b>		5	4	1800			9742			10200
<b>Section 15.2</b>	<b>ENGINEERING &amp; TECHNOLOGY</b>									
ETEC 1	Engineering & Technology Lab				1844	1	1844	3000	1	3000
	a. Office				118	1	118	150	1	150
	b. Storage Room				137	1	137	150	1	150
	c. Control Room				121	1	121	150	1	150
	d. Video Room				250	1	250	250	1	250
ETEC 2	Materials & Processing Lab				1238	1	1238	1800	1	1800
	a. Supply Storage				148	1	148	200	1	200
ETEC 3	Engineering, Drawing & Design Lab (CAD)				1280	1	1280	1800	1	1800
	a. Office				160	1	160	150	1	150
ETEC 4	Rapid Prototyping Room								1	0
<b>Total NSF</b>		1	1	3600			5296			7650
<b>Section 15.3</b>	<b>FAMILY &amp; CONSUMER SCIENCES</b>									
FCS 1	Lab				1806	1	1806	1800	1	1800
FCS 2	Classroom (incl. in lab)				0	1	0	0	0	0
FCS 3	Office				114	1	114	150	1	150
FCS 4	Storage Room				168	1	168	150	1	150
<b>Total NSF</b>		1	1	2100			2088			2100
<b>Section 15.4</b>	<b>JUNIOR ROTC</b>									
JROTC 1	Classroom				1528	1	1528	1500	1	1500
JROTC 2	Office				108	1	108	150	1	150
JROTC 3	Classroom				1619	1	1619	1500	1	1500
JROTC 4	Cadet Office				424	1	424	150	1	150
JROTC 5	Office				287	1	287	200	1	200
JROTC 6	Arms Room (Weapons Storage)				122	1	122	100	1	100
JROTC 7	Materials Storage				447	1	447	200	1	200
JROTC 8	Uniform Storage				1365	1	1365	400	1	400
<b>Total NSF</b>		1	2	2800			5900			4200
<b>Grand Total NSF</b>		8	8	10300			23026			24150
<b>A</b>	<b>Sub-Total Basic Programs: (Net SF)</b>	<b>79</b>	<b>82</b>	<b>77779</b>			<b>#VALUE!</b>			<b>202648</b>
<b>Section 16</b>	<b>OPTIONAL PROGRAMS (CT)</b>									
<b>Section 16.1</b>	<b>Culinary Classroom</b>									
CA 1	Lab				2151	1	2151	2150	1	2150
CA 2	Classroom (incl. in Lab)				0	1	0	0	1	0
CA 3	Office				108	1	108	150	1	150
CA 4	Pantry				223	1	223	220	1	220
CA 5	Linen Storage				111	1	111	100	1	100
<b>Total NSF</b>		1	1	2430			2593			2620

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Activity / Space		DOE Minimum			State Inventory Plans (THS)			Proposed		
Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
<b>Section 16.2</b>	<b>Health Science</b>									
<b>HS 1</b>	Lab				2084	1	2084	2080	1	2080
<b>HS 1 a</b>	Patient Cot Areas				0	3	0	0	3	0
<b>HS 2</b>	Classroom (incl. in Lab)				0	1	0	0	1	0
<b>HS 3</b>	Office				108	1	108	150	1	150
<b>HS 4</b>	Toilet				101	1	101	100	1	100
<b>HS 5</b>	Kitchen / Laundry				156	1	156	150	1	150
	<b>Total NSF</b>	1	1	1995			2449			2480
<b>B</b>	<b>Sub-Total Optional Programs: (Net SF)</b>	2	2	4425			5042			5100
<b>C</b>	<b>Tota (A+B): Basic + Optional Programs (Net SF)</b>	81	84	82204			#VALUE!			207748
<b>D</b>	<b>Public Commons:</b>									
	Entrance Vestibule						0			0
	Main Lobby						0			0
	Corridors						0			0
	Stairs						0			0
	Elevator						0			0
					Subtotal NSF		0			0
	<b>Walls and Circulation @ .345 Net Building Area</b>						#VALUE!			96400
<b>E</b>	<b>GRAND TOTAL (C x Grossing Factor 1.345%): Total Building Gross Sq. Footage</b>						#VALUE!			279421
<b>Section 14</b>	<b>OUTDOOR AREAS</b>									
<b>Section 14.1</b>	<b>OUTDOOR SPACES</b>									
OS 1	Outdoor Educational Spaces				0	1	0	0	0	0
OS 2	Outdoor Art Work Space				0	1	0	0	0	0
OS 3	Loading Dock / Trash Compactor Area				0	1	0	0	0	0
	<b>Total NSF</b>						0			0
<b>Section 14.2</b>	<b>SITE FACILITIES</b>									
SF 1	Softball Field				0	1	0	0	0	0
SF 2	Baseball Field				0	1	0	0	0	0
SF 3	Softball Dugout				0	1	0	0	0	0
SF 4	Baseball Dugout				0	1	0	0	0	0
SF 5	Football Field (combines with track				0	1	0	0	0	0
SF 6	Track - 8 lane				0	1	0	0	0	0
SF 7	Multi-purpose Practice Field				0	1	0	0	0	0
SF 8	Tennis Courts				0	2	0	0	0	0
SF 9	Track Shot and Discus Areas				0	1	0	0	0	0
SF 10	Concessions / Press Box combo *				0	2	0	0	0	0
SF 11	Batting Cage *				0	1	0	0	0	0
SF 12	Maintenance Storage Facility				0	1	0	0	0	0
SF 13	Outdoor Sports Storage				0	1	0	0	0	0
	<b>Total NSF</b>						0			0
<b>Section 14.3</b>	<b>STADIUM: (Home Side)</b>									
STAD 1	Ticket Booth				0	1	0	0	0	0
STAD 2	Concessions				0	1	0	0	0	0
STAD 3	Public Toilets				0	2	0	0	0	0
STAD 4	Referee's Room (w/toilet & shower)				0	1	0	0	0	0
STAD 5	Custodial Service Room				0	1	0	0	0	0
STAD 6	Electrical Room				0	1	0	0	0	0
STAD 7	Bleacher Seats				0	1	0	0	0	0
STAD 8	Press Box				0	1	0	0	0	0
	<b>STADIUM: (Visitors Side)</b>									
STAD 9	Ticket Booth				0	1	0	0	0	0
STAD 10	Concessions				0	1	0	0	0	0

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Space No.	Room Name	80 IU's	84 IU's	TSF	NSF	Qty	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1525 FTE	1600 FTE	2	FTE 1525 (80 IU's)			FTE 1600 (84 IU's)		
		A	B	C	D	E	F	G	H	
STAD 11	Public Toilets				0	2	0	0	0	0
STAD 12	Referee's Room (w/toilet & shower)				0	1	0	0	0	0
STAD 13	Custodial Service Room				0	1	0	0	0	0
STAD 14	Electrical Room				0	1	0	0	0	0
STAD 15	Bleacher Seats				0	1	0	0	0	0
STAD 16	Press Box				0	1	0	0	0	0
					Subtotal NSF		0			0
	<b>Total NSF</b>						0			0



**APPENDIX B**

HIGH SCHOOL - Furnishings, Fixtures & Equipment (Provided by DCS)





SECTION 03 MEDIA CENTER - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES
		Main Reading Room	2	Video Production / Distribution Studio	Conference Room	Audio-Visual Non-Print Storage	Workroom								
DEKALB - FF&E													W	L	D
		Dimensions													
FURNITURE	Classroom:		4												
	Teacher Desk		7	1											
	Task Chair		10	1											
	File Cabinet		14												
	Student Chair														
	Student Combo Desk														
	Student Table		19												
	Cot and/or Couch		21												
	Coat Rack														
	Round Table														
	Administrative:		29												
	Administrative Desk		33												
	Credenza / Return		1												
	Task Chair		1												
	Guest Chair		2	12											4 - 12 Chairs
	File Cabinet		38	Duplicate?											
	Book Case														
	Rd. Table														
	Library Clerk Desk									1					
	Library Clerk Chair		42							1					
	Private Office/Reception:		45												
	Guest Chairs									4					
	Lounge Chair														
Rd. Conference Table		50	Duplicate?												
Conference Table		55			1										
Conference Credenza					1*									Conference Credenza Optional *	
Conference Chairs					14									10 - 14 Chairs	
Rectangular Work Table															
Sq. Work Table			3			1	3							Provide work table.	
Round Work Table		63													
Side Chairs						4									
STORAGE	Bookcase		1												
	Lateral File Cabinet														
	Legal File Cabinet *		79												
	Letter File Cabinet *		1												
EQUIPMENT	Walkie Talkie Radios														
	Trash Receptacle		1		1										
	Podium Lecturn		88												
	Counter Top Refrigerator		100												
	Refrigerator		124												
	Microwave Oven		125												
	Coffee Maker														
	Copy Machine w/Stand	1													Provided by DCS Instruction
	Book Trucks	X													Provided by DCS Instruction
	TV / DVD (wall mounted)	1													Provided by DCS Instruction
	Laminator w/ Cabinet														
	LCD TV 20"														
Overhead Projector															
TECHNOLOGY	DEKALB - MIS														
	Computer Workstation	1*	1	2			2								Provide computer at Circ. Desk*
	Student Computer Workstation	15				1									
	Laptop Mobile Carts														
	Printer/Scanner Workstation	2	1				1								1 B&W Printer, 1 Color Printer
	Intercom System						1*								
	Interactive Board	1*													Includes ceiling mtd. LCD Projector *
	Telephone														
	Large Paper Cutter														
Copier Machine															







SECTION 07 HEALTH & PHYSICAL EDUCATION - FURNITURE & EQUIPMENT

		ROOM NAME											SIZE			NOTES
		Athletic Coach Office Health Lab 2														
<b>DEKALB - FF&amp;E</b>													<b>W</b>	<b>L</b>	<b>D</b>	
													Dimensions			
<b>FURNITURE</b>	Classroom:															
	Teacher Desk	1										7				
	Task Chair	1										10				
	File Cabinet	1										14				
	Student Chair	35										4			2 - 4 Chairs	
	Student Combo Desk															
	Student Tables	16										19			14 - 16 Chairs	
	Cot and/or Couch												21			
	Coat Rack															
	Round Table															
	<b>Administrative:</b>														29	
	Administrative Desk	1										33				
	Credenza or Return															
	Task Chair	1														
	Guest Chair	8														
	File Cabinet	1	1								38	Duplicate?				
Book Case	1										2					
Small Table																
Round Table												1*			Table Optional *	
												42				
												45				
												50	Duplicate?			
												55				
<b>STORAGE</b>	Bookcase															
	Lateral File Cabinet															
	Legal File Cabinet *															
	Letter File Cabinet*												63			
<b>EQUIPMENT</b>	Walkie Talkie Radios															
	Trash Receptacle	1	1									1				
	Counter Top Refrigerator															
	Refrigerator												79			
	Microwave Oven															
	Coffee Maker															
	Vending Machine (Drink)															
	Vending Machine (Snack)															
	Laminator w/ Cabinet												88			
	LCD TV 20"												100			
Overhead Projector												124				
												125				
<b>DEKALB - MIS</b>																
<b>TECHNOLOGY</b>	Teacher Computer Workstation	1	1									1				
	Student Computer Workstation												2			
	Printer/Scanner Workstation	1										X				
	Security Camera	1										X			Provided by DCS Security	
	Microfiche Reader / Printer															
	Fax Machine															
	Intercom System															
	Interactive Board												1*			Includes ceiling mtd. LCD Projector *
	Cable TV Connection															
	Telephone															
	Large Paper Cutter															
Copier Machine (small)																



SECTION 08 SPECIAL EDUCATION - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES
		Self Contained (Interrelated)		Office		Speech Therapy Room		Impacted / Gifted Classroom							
DEKALB - FF&E		2										W L D			
		Dimensions													
FURNITURE	Classroom:	4													
	Teacher Desk	1	7	1	1	1									
	Task Chair	1	10	1	1	1									
	File Cabinet	14													
	Student Chair	6	16			8	24							2-6 / 2-4 / 4-16 / 4-8 Chairs	
	Student Combo Desk	15	12												
	Student Table	1	19					10							
	Kidney Table	21				1									
	Coat Rack														
	Round Table	3													
	Administrative:	29													
	Administrative Desk	33													
	Credenza / Return														
	Task Chair														
	Guest Chair														
	File Cabinet	38		Duplicate?											
	Book Case														
	Rd. Table														
	42														
	45														
	50		Duplicate?												
	55														
STORAGE	Bookcase														
	Lateral File Cabinet														
	Legal File Cabinet *														
	Letter File Cabinet *	63		1	1	1									
EQUIPMENT	Walkie Talkie Radios														
	Trash Receptacle	1	1			1	1								
	Podium Lecturn														
	Counter Top Refrigerator	79													
	Refrigerator														
	Microwave Oven														
	Coffee Maker														
	Vending Machine (Drink)														
	Vending Machine (Snack)	88													
	Laminator w/ Cabinet	100													
LCD TV 20"	124														
Overhead Projector	125														
<b>DEKALB - MIS</b>															
TECHNOLOGY	Teacher Computer Workstation	1	1			1	1								
	Student Computer Workstation	4	4			4	4							2-4 or 2-6, Student Workstations	
	Computer Headphones														
	Computer Microphones														
	Computer Station Earphones														
	Laptop Mobile Carts														
	Printer/Scanner Workstation	1				1	1								
	Intercom System														
	Interactive Board	1*	1*											Includes ceiling mtd. LCD Projector *	
	Telephone														
Large Paper Cutter															
Copier Machine															

SECTION 09 AUDITORIUM - FURNITURE & EQUIPMENT - No info available

		ROOM NAME										SIZE			NOTES		
												W	L	D			
		v															
<b>DEKALB - FF&amp;E</b>												<b>Dimensions</b>					
<b>FURNITURE</b>	Teacher:	4															
	Teacher Desk	7															
	Task Chair	10															
	File Cabinet	14															
	Student Chair (18")																
	Student Combo Desk																
	Student Tables	19															
	Cot and/or Couch	21															
	Coat Rack																
	Round Table																
	<b>Administrative:</b>	29															
	Administrative Desk	33															
	Credenza or Return																
	Task Chair																
	Guest Chair																
	File Cabinet	38 Duplicate?															
	Book Case																
	Roll & Fold Student Tables																
Round Faculty Tables																	
		42															
		45															
		50 Duplicate?															
		55															
<b>STORAGE</b>	Bookcase																
	Lateral File Cabinet																
	Legal File Cabinet *																
	Letter File Cabinet*	63															
<b>EQUIPMENT</b>	Walkie Talkie Radios																
	Trash Receptacle																
	Solid Waste Compactor																
	Counter Top Refrigerator	79															
	Refrigerator																
	Microwave Oven																
	Coffee Maker																
	Vending Machine (Drink)																
	Vending Machine (Snack)	88															
	Laminator w/ Cabinet	100															
LCD TV 20"	124																
Overhead Projector	125																
<b>DEKALB - MIS</b>																	
<b>TECHNOLOGY</b>	Computer Workstation																
	Student Computer Workstation																
	Printer/Scanner Workstation																
	Security Camera																
	Microfiche Reader / Printer																
	Fax Machine																
	Intercom System																
	Interactive Board																
	Cable TV Connection																
	Telephone																
	Large Paper Cutter																
Copier Machine (small)																	



TECHNOLOGY	Printer/Scanner Workstation	1	1		1			1						3				
	Intercom System	1																
	Interactive Board		1*	1*														
	Surveillance Equipment							X										Includes ceiling mtd. LCD Projector *
	Security Cameras							X										
	Telephone			1														

SECTION 11 COUNSELING - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES	
		Reception Waiting Area (Lobby)	Attendance Office	2	Counselor Office	Records Room	Conference Room	Career Center								
DEKALB - FF&E													W	L	D	
		Dimensions														
FURNITURE	Classroom:			4												
	Teacher Desk			7												
	Task Chair			10												
	File Cabinet			14												
	Student Chair															
	Cot and/or Couch															
	Coat Rack			19												
	Administrative:			21												
	Administrative Desk	1	1	1	1											
	Credenza or Return	1			1											
	Task Chair	1	1	29	1											
	Guest Chair	8	16	33	4	2	12									4-8 Chairs / 4-16 Chairs/2-4 Chairs
	File Cabinet	1	2	2												
	Book Case	1	1	1	1		3									1-3 Bookcases
	Small Table	1														Small Table Optional *
	Round Table			38	uplicate?											Round Table Optional *
	Private Office/Reception:															
	Reception Chair															
	Guest Chairs															
	File Cabinets			42												
	End Table			45												
	Display Rack	1					4									2-4 Display Racks
	Sofa															
	Executive Desk w/ Bridge			50	uplicate?											
	Executive Desk			55												
	Executive Credenza															
	Hutch w/Doors															
	Tack Board / Task Light				1											
	Swivel High Back Chair															
	Swivel Mid Back Chair			63												
Office Guest Chairs																
Dining Guest Chairs																
Guest Chairs						10									4 - 10 Side Guest Chairs Optional *	
Lounge Chair																
Rd. Conference Table			79													
Rd. Dining Table																
Conference Table						1										
Conference Credenza						1										
Conference Chairs						14									8 - 14 Chairs	
Rectangular Work Table			88													
Sq. Work Table			100		1*										Work Table Optional *	
Round Work Table			124			3*									1-3 Round or Square Tables *	
Side Chairs			125													
STORAGE	Bookcase															
	Lateral File Cabinet															
	Legal File Cabinet *					6										3 - 6 / * Lockable and Fire Proof
	Letter File Cabinet*					6										3 - 6 / * Lockable and Fire Proof
EQUIPMENT	Walkie Talkie Radios															
	Trash Receptacle	1	1	1	1			1	1							
	Counter Top Refrigerator															
	Refrigerator															
	Microwave Oven															
	Coffee Maker															
	Vending Machine (Drink)															
	Vending Machine (Snack)															
	Laminator w/ Cabinet															
	LCD TV 20"															
Overhead Projector																
DEKALB - MIS																
OGY	Computer Workstation	1	1	1	1					2*						2-4 Computer Workstations
	Printer/Scanner Workstation	1	1	1	1					1						
	Microfiche Reader / Printer							1								
	Fax Machine							1								

TECHNOL	Intercom System																	
	Interactive Board					1*												
	Cable TV Connection					1												
	Telephone																	
	Large Paper Cutter																	
	Copier Machine (small)					1												







SECTION 14 OUTDOOR SPACES - FURNITURE & EQUIPMENT - No info available

		ROOM NAME										SIZE			NOTES
												W	L	D	
		v													
<b>DEKALB - FF&amp;E</b>												<b>Dimensions</b>			
<b>FURNITURE</b>	Classroom:														
	Teacher Desk	4													
	Task Chair	7													
	File Cabinet	10													
	Student Chair (18")	14													
	Student Tables														
	Cot and/or Couch	19													
	Coat Rack	21													
	Round Table														
	<b>Administrative:</b>														
	Administrative Desk	29													
	Credenza or Return	33													
	Task Chair														
	Guest Chair														
	File Cabinet														
Book Case	38	uplicate?													
Roll & Fold Student Tables															
Round Faculty Tables															
		42													
		45													
		50	uplicate?												
		55													
<b>STORAGE</b>	Bookcase														
	Lateral File Cabinet														
	Legal File Cabinet *														
	Letter File Cabinet*	63													
<b>EQUIPMENT</b>	Walkie Talkie Radios														
	Trash Receptacle														
	Solid Waste Compactor														
	Counter Top Refrigerator	79													
	Refrigerator														
	Microwave Oven														
	Coffee Maker														
	Vending Machine (Drink)														
	Vending Machine (Snack)	88													
	Laminator w/ Cabinet	100													
LCD TV 20"	124														
Overhead Projector	125														
<b>DEKALB - MIS</b>															
<b>TECHNOLOGY</b>	Computer Workstation														
	Student Computer Workstation														
	Printer/Scanner Workstation														
	Security Camera														
	Microfiche Reader / Printer														
	Fax Machine														
	Intercom System														
	Interactive Board														
	Cable TV Connection														
	Telephone														
	Large Paper Cutter														
Copier Machine (small)															

SECTION 15.1 BUSINESS & COMPUTER SCIENCE - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES	
		Office														
DEKALB - FF&E												W	L	D		
												Dimensions				
FURNITURE	Classroom:															
	Teacher Desk															
	Task Chair															
	File Cabinet															
	Student Chair															
	Student Combo Desk															
	Student Table														14 - 16 Student Tables	
	Cot and/or Couch															
	Coat Rack															
	Round Table															
	Administrative:															
	Administrative Desk	1														
	Credenza / Return															
	Task Chair	1														
	Guest Chair	2														
File Cabinet														38 Duplicate?		
Book Case																
Rd. Table																
														42		
														45		
														50 Duplicate?		
														55		
STORAGE	Bookcase														2	
	Lateral File Cabinet															
	Legal File Cabinet *															
	Letter File Cabinet *	1														63
EQUIPMENT	Walkie Talkie Radios															
	Trash Receptacle														1	
	Podium Lecturn															
	Counter Top Refrigerator														79	
	Refrigerator															
	Microwave Oven															
	Coffee Maker															
	Vending Machine (Drink)															
	Vending Machine (Snack)														88	
	Laminator w/ Cabinet														100	
LCD TV 20"														124		
Overhead Projector														125		
DEKALB - MIS																
TECHNOLOGY	Teacher Computer Workstation														1	
	Student Computer Workstation														28	
	Laptop Mobile Carts															
	TV & DVD/VCR Player														1	
	Digital Camera, Scanner														1	
	Printer/Scanner Workstation														2	
	Intercom System															
	Interactive Board														1*	
	Telephone	1														1
	Large Paper Cutter															
Copier Machine																

SECTION 15.2 ENGINEERING & TECHNOLOGY - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES	
		Office														
DEKALB - FF&E												W	L	D		
												Dimensions				
FURNITURE	Classroom:															
	Teacher Desk														4	
	Task Chair														7	
	File Cabinet														10	
	Student Chair														14	
	Student Combo Desk														28	
	Student Table														19	
	Cot and/or Couch														21	
	Coat Rack															
	Round Table															
	Administrative:														29	
	Administrative Desk	1														33
	Credenza / Return															
	Task Chair	1														
	Guest Chair	2														
File Cabinet														38 Duplicate?		
Book Case														2		
Rd. Table																
														42		
														45		
														50 Duplicate?		
														55		
STORAGE	Bookcase															
	Lateral File Cabinet															
	Legal File Cabinet *															
	Letter File Cabinet *	1														63
EQUIPMENT	Walkie Talkie Radios															
	Trash Receptacle														1	
	Podium Lecturn															
	Counter Top Refrigerator														79	
	Refrigerator															
	Microwave Oven															
	Coffee Maker															
	Vending Machine (Drink)															
	Vending Machine (Snack)														88	
	Laminator w/ Cabinet														100	
LCD TV 20"														124		
Overhead Projector														125		
DEKALB - MIS																
TECHNOLOGY	Teacher Computer Workstation														1	
	Student Computer Workstation														30	
	Laptop Mobile Carts															
	TV & DVD/VCR Player															
	Scanner														1	
	Color Jet Printer														1	
	Color Laser Printer														1	
	"D" Size CAD Printer														1	
	Networking														X ?	
	Intercom System															
	Interactive Board														1*	
Telephone																
Large Paper Cutter																
Copier Machine																



SECTION 15.4 INFORMATION TECHNOLOGY - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES	
												W	L	D		
		Office														
DEKALB - FF&E												Dimensions				
FURNITURE	Classroom:															
	Teacher Desk															
	Task Chair															
	File Cabinet															
	Student Chair															
	Student Combo Desk															
	Student Table															
	Cot and/or Couch															
	Coat Rack															
	Round Table															
	Administrative:															
	Administrative Desk	1														
	Credenza / Return															
	Task Chair	1														
	Guest Chair	2														
File Cabinet											38 Duplicate?					
Book Case											2					
Rd. Table																
											42					
											45					
											50 Duplicate?					
											55					
STORAGE	Bookcase															
	Lateral File Cabinet															
	Legal File Cabinet *															
	Letter File Cabinet *	1											63			
EQUIPMENT	Walkie Talkie Radios															
	Trash Receptacle											1				
	Podium Lecturn															
	Counter Top Refrigerator											79				
	Refrigerator															
	Microwave Oven															
	Coffee Maker															
	Vending Machine (Drink)															
	Vending Machine (Snack)											88				
	Laminator w/ Cabinet											100				
LCD TV 20"											124					
Overhead Projector											125					
DEKALB - MIS																
TECHNOLOGY	Teacher Computer Workstation											1				
	Student Computer Workstation											28				
	Printer/Scanner Workstation											3*			2-Printer / 1-Scanner Workstation*	
	Digital Camera											1				
	Dedicated Server											X				
	Laptop Mobile Carts															
	TV & DVD/VCR Player											1				
	Intercom System															
	Interactive Board											1*			Includes ceiling mtd. LCD Projector *	
	Telephone															
Large Paper Cutter																
Copier Machine																









**APPENDIX C**

**HIGH SCHOOL - Space Layout Drawings**

Sheet #	Sheet Title
C-1	Classroom: 9th -12th Grade - Plan & Elevation Drawing (32 Students)
C-2	Science Lab: 9th -12th Grade - Plan Drawing (32 Students)
C-3	Art Lab: 9th -12th Grade
C-4	xxxxxxxxxxxx

**APPENDIX D**



**HIGH SCHOOL - Space Relationship Diagrams**

Sheet #	Sheet Title
D-1	xxxxxxxxxxxx
D-2	xxxxxxxxxxxx
D-3	xxxxxxxxxxxx
D-4	xxxxxxxxxxxx