

MIDDLE

MIDDLE SCHOOL DESIGN PROGRAM

MIDDLE SCHOOL DESIGN PROGRAM INDEX

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Section 01 - CLASSROOM TYPE 1

General Description

Classroom Type 1 is comprised of the middle school interdisciplinary classrooms: English/Language Arts, Mathematics, Social Studies, World Language, and In School Suspension. The manner of grouping middle school students for instruction is determined by the faculty and administrative staff of each school. The classrooms are often grouped or organized, so that all classrooms of one grade level are together in a single area or part of the school. Classrooms are used for large and small group activities including group projects, demonstrations, teacher presentations, student presentations, research, individualized and small group computer assisted instruction. **Key Adjacency:** Locate classrooms in close proximity to the Media Center.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
CR1 1	Classrooms (6th-8th)*	900	44	39,600	
				Total Area SF	39,600

Room sized for 34(+3) students. Minimum required area for students = 740-sf net based on 20-sf/person. Provides 160-sf for Teacher's desk, bookshelves, storage cabinets, computer tables, etc.

* Includes English, Math, Social Studies, World Language, In School Suspension

Equipment

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

Item	Room Location	Size (w x h)	#/RM	Notes
MB	CR1 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	CR1 1	8' x 4'	1	OP - Center on teaching wall.
TB	CR1 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	CR1 1	12' x 4'	1	Locate at back of classroom.
MB	CR1 1	4' x 4'	1	Locate adj. to Tack Board at back of classroom.
TB	CR1 1	12' x 4'	1	Locate above computer stations.
PSH	CR1 1		1	OP - GC to provide blocking. Locate at teaching wall.
C/BKT	CR1 1		1	OP - GC to provide blocking. Locate at teaching wall.
CMP	CR1 1		4	OP - Locate on 2 6-ft computer tables.
WHS	CR1 1 (World Language) - New			OP - Refer to Instructional Technology Plan
CLK	CR1 1		1	Locate at teaching wall.

MB - Marker Board **CLK** - Electronic Wall Clock **IB** - Interactive Board **PSH** - Pencil Sharpener (wall mtd.)
TB - Tack Board **OP** - Owner Provided **CMP** - Computers (Student) **WHS** - Wireless Headphone System
C/BKT - Component Bracket (wall mtd.)

Finishes

Walls:	a CR1 1	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b CR1 1	All walls to extend to underside of deck. Walls to be constructed of CMU.
Floors:	a CR1 1	Provide vinyl composition tile (VCT) w/ 4" rubber base.
Ceilings:	a CR1 1	Provide 2x2 standard acoustical ceiling tile.
	b CR1 1	Provide 2x4 fluorescent fixtures.
	c CR1 1	Provide minimum 10'-0" ceiling height.

Casework

Space No.	Room Name	Unit Type	Qty	(w x d x h)	Notes
CR1 1	Classroom	Teachers Cabinet (lockable)	1	3'x2'x7'	
CR1 1	Classroom	Storage Cabinet (lockable)	1	3'x2'x7'	
CR1 1	Classroom	Shelving Unit (open front)	1	4'x1'x7'	

Utilities

Utility	Location	
---------	----------	--

Electrical:

- | | | |
|---|---------------|---|
| 1 | CR1 1 | Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements. |
| 2 | Teaching Wall | Reference Instructional Technology Required Specifications in the Design Guideline. |
| 3 | Computer Area | Reference Instructional Technology Required Specifications in the Design Guideline. |
| 4 | CR1 1 | Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline. |
| 5 | CR1 1 | Refer to Design Guideline Division 16 for lighting and other electrical system requirements. |
| 6 | CR1 1 | Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements. |

Plumbing:

- | | | |
|---|-------|-------|
| 1 | CR1 1 | None. |
|---|-------|-------|

HVAC:

- | | | |
|---|-------|---|
| 1 | CR1 1 | Provide limited-range temperature control. |
| 2 | CR1 1 | Refer to Design Guidelines for system requirements. |

Acoustics

- | | | |
|---|-------|--|
| 1 | CR1 1 | Provide acoustical separation in compliance with ANSI standards for schools. |
|---|-------|--|

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 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 per Instructional Technology requirements.

Section 02 - SCIENCE CLASSROOM

General Description

Classroom Type 2, Science Classroom, 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 demonstrations by instructors. **Key Adjacency:** Science Lab Prep/Storage rooms are shared between two Science Classrooms. Locate Science Classrooms together in close proximity to general classrooms.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
SC 1	Science Classroom	1,000	13	13,000	
SC 2	Prep / Storage Room	250	6.5	1,625	SC 1
Room sized for 34(+2) students. Minimum required area for students = 720-sf net based on 20-sf/person. Provides 280-sf for Teacher's demo table/desk, science casework along walls, bookshelves, storage cabinets, computer tables, etc.		Total Area SF		14,625	

Equipment

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

Item	Room Location	Size (wxh)	#/RM	#/RM
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.
CMP	SC 1		4	OP - Locate on 2 6-ft computer tables.
CLK	SC 1		1	Locate on teaching wall.
SG	SC 1		1	
EW	SC 1		1	Integrated into the Teachers Demo Table counter top.
ES	SC 1		1	Adjacent to the Teacher's Demo Table.
EW/DH	SC 2		1	
FH	SC 2	4" W	1	
SD	SC 2		1	Locate at sink area.
SD	SC 1		4	Locate at sink area.
PTD	SC 1, SC 2		1	Locate at sink area.
MFC	SC 2		1	
AC	SC 2		1	
FEC	SC 2		1	
PSH	SC 1		1	OP - GC to provide blocking. Locate at teaching wall.

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (Student)	MFC - Metal Flammable Cabinet
FB - Fire Blanker Cabinet	FH - Fume Hood	SD - Soap Dispenser	AC - Acid Cabinet
FEC - Fire Extinguisher Cabinet	SG - Safety Goggle Cabinet	PTD - Paper Towel Dispenser	EW - Eye Wash
ES - Emergency Shower	EW/DH - Drench Hose Type Eye Wash Mounted In Counter		

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

c All Spaces

Provide minimum 10'-0" ceiling height.

Counters: a SC 1, SC 2 Provide flat black epoxy countertops at casework.

Stations: a SC 1 Provide flat black epoxy countertops at student and teacher demo station.

Casework

Space No.	Room Name	Unit Type	Qty	Size	Notes	
Reference Division 12 - Furnishings, in the Design Guideline.						
SC 2	Prep/Storage Room	Storage Cabinet (lockable)	2	3'x2'x7'		
		Shelving Unit (open front)	4	12" Deep		
		Wall 1:				
		Upper Cabinet (double door)	4	36x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet	1	36x24x34	1 continuous top drawer, 6 bottom dwrs.	
		Base Cabinet (double door)	3	36x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (double door)	1	30x24x34	w/ single bowl epoxy sink.	
		Drying Rack	1	-	Center on wall at sink.	
		Wall 2:				
		Upper Cabinet (double door)	4	36x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (single door)	2	18x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (double door)	2	36x24x34	w/ 1 adjustable shelf.	
Base Cabinet	1	36x24x34	1 continuous top dwr, 6 bottom dwrs.			
SC 1	Science Classroom	Student Desk	18	20x54x30	1 table to be ADA accessible.	
		Teacher Demo Station	1	30x96x34	w/ single bowl epoxy sink.	
		Wall 1:				
		Upper Cabinet (double door)	4	36x12x24	w/ 1 adjustable shelf.	
		Upper Cabinet (double door)	2	30x12x24	w/ 1 adjustable shelf.	
		Upper Cabinet (double door)	1	48x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	2	36x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (double door)	2	36x24x34	w/ single bowl epoxy sink.	
		Base Cabinet (double door)	2	30x24x34	w/ 2 drawers and 1 adjustable shelf.	
		Specialty Cabinet	1	48x24x34	w/ 24 drawers.	
		Wall 2:				
		Storage Cabinet (lockable)	1	3'x2'x7'		
		Teacher Cabinet (lockable)	1	3'x2'x7'		
		Upper Cabinet (double door)	4	36x12x24	w/ 1 adjustable shelf.	
		Upper Cabinet (double door)	2	30x12x24	w/ 1 adjustable shelf.	
		Upper Cabinet (single door)	1	24x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	2	36x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (double door)	2	36x24x34	w/ single bowl epoxy sink.	
		Base Cabinet (double door)	2	30x24x34	w/ 2 drawers and 1 adjustable shelf.	
		Base Cabinet (single door)	1	24x24x34	w/ 1 adjustable shelf.	
Wall 3:						
Shelving Unit (open front)	1	4'x1'x7'	Locate adj to Teaching Wall			

*Provide backsplash at all countertops.

Utilities

Utility Location

Electrical:

- | | | |
|---|---------------------|---|
| 1 | SC 1, SC 2 | Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements. |
| 2 | SC 1 - Lab Casework | Provide three (3) G.F.C.I. duplex receptacles, mounted above counter, per casework wall. |
| 3 | Teaching Wall | Reference Instructional Technology Required Specifications in the Design Guideline. |
| 4 | Computer Area | Reference Instructional Technology Required Specifications in the Design Guideline. |
| 5 | SC 1, SC 2 | Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline. |
| 6 | SC 1, SC 2 | Refer to Design Guideline Division 16 for lighting and other electrical system requirements. |
| 7 | SC 1, SC 2 | Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements. |

Plumbing:

- | | | |
|---|------------|--|
| 1 | SC 1, SC 2 | Provide plumbing for eye wash and emergency shower stations. Provide floor drain at shower. |
| 2 | SC 1, SC 2 | Provide gas outlets and cold/hot water at student workstations, teacher demo table, and Prep Room. |
| 3 | SC 1, SC 2 | Provide acid resistant piping in classroom and prep room. |
| 4 | SC 1, SC 2 | Lab sinks are to be integral with laboratory tops. |

HVAC:

- | | | |
|---|------------|--|
| 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 | SC 1, SC 2 | Provide acoustical separation in compliance with ANSI standards for schools. |
|---|------------|--|

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on SC 1 door only. Refer to Design Guidelines for door hardware requirements.
- 3 Provide classroom stations with valved gas, water and electrical supplies that are controlled through a key control with emergency stop for each work area. The gas solenoid valve for the laboratory gas system should be normally closed and interlocked with the lighting circuit.

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 full class sizes of 30 - 100 students to view audio/visual presentations on screen. 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.

Reading Room Seating Capacity: 82. Based on NFPA 101; 50-sf/person net.

Activity / Space						
Space No.	Room Name	NSF	Qty	TSF	Adjacency	
MC 1	Reading Room	4,100	1	4,100	Visual & direct access to MC 2 - MC 7.	
MC 2	Conference Room (6 person each)	300	2	600	Two rooms w/operable partition in place.	
MC 3	Office	150	2	300		
MC 4	Periodical Storage	300	1	300		
MC 5	Audio/Visual Equipment Storage	500	1	500		
MC 6	Workroom	500	1	500	MC 3	
MC 6a	Staff Toilet	0	1	0	MC 6	
MC 7	Vestibule (internal circulation)	0	2	0		
Total Area SF				6,300		

Equipment

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

Item	Room Location	Size (wxh)	#/RM	
TB	MC 1, MC 3	4' x 4'	1	
MB	MC 3	4' x 4'	1	
IB	MC 1	8' x 4'	1	OP.
TB	MC 6	2' x 4'	1	Included w/ marker board.
MB	MC 6	3' x 4'	1	Combo MB w/ 2'x4' TB included.
MB	MC 2	6' x 4'	2	
CPR	MC 1, MC 6		1	OP.
CUR	MC 7		-	See "Finishes" below.
CLK	MC 1		2	
CLK	MC 6		1	
SD	MC 6		1	Locate at sink area.
PTD	MC 6		1	Locate at sink area.
BD	MC 1		1	Provide one at main entry.
PSM	MC 1		1	OP - GC to provide blocking, power and data.
PS	MC 1		1	
PSS	MC 1		2	Wall mount on each side of the projection screen.
C/BKT	MC 1		1	OP - GC to provide blocking.
CMPR	MC 1		1	OP - GC to provide power and data.
OPP	MC 2		1	
WB	MC 1		-	Provide at each exterior window.
CMP	MC 1		23	OP - Refer to Instructional Technology requirements.
CMPC	MC 5		11	OP - Refer to Instructional Technology requirements.

LDS	MC 1		2	Locate a set at each main entry to MC 1.
PSH	MC 1		1	OP - GC to provide blocking. Locate at teaching wall.

MB - Marker Board **CLK** - Electronic Wall Clock **IB** - Interactive Board (portable) **CMPR** - Ceiling Mtd. Projector
TB - Tack Board **OP** - Owner Provided **LDS** - Library Detection System **C/BKT** - Component Bracket (wall mtd.)
TS - Tack Strip **CMP** - Computers (Student) **OPP** - Operable Partition **PSM** - Plasma Screen Monitor (wall mtd.)
CUR - Curtains/Rod **CMPC** - Computer Carts* **BD** - Book Drop **PS** - Projection Screen (retractable)
CPR - Copier **WB** - Window Blinds/Shades **SD** - Soap Dispenser **PSS** - Projection Screen Speakers
CMPC - Mobile Computer Cart Recharging Stations **PTD** - Paper Towel Dispenser **PSH** - Pencil Sharpener (wall mtd.)

Finishes

Walls:	a All Spaces	Provide paint finish to wall and soffit areas, and any exposed structure, structural deck, and/or exposed exposed ducts. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b MC 7	Provide curtained backdrop, or other acceptable background, for televising announcements.
	c All Spaces	All walls surrounding reading rooms, offices, storage rooms, etc. shall extend to underside of deck. Walls separating the Media Center from corridors must be CMU. Wall within the Media Center may be impact resistant gypsum board.

Floors:	a MC 1, 2, 3, 7	Provide carpet tile w/ 4 " rubber base.
	b MC 4, MC 5, MC 6	Provide vinyl composition tile w/ 4 " rubber base.
	c MC 6a	Provide ceramic tile (CT) w/ceramic base.

Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile and 2x4 fluorescent fixtures.
	b All Spaces	Provide minimum 10'-0" ceiling height.
	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.

Casework

Space No.	Room Name	Unit Type	Qty	(wx dxh)	Notes	
MC 1	Reading Room	Circulation Desk	17 LF	17'x30"x__	* Desk Ht Variable: 3'-4" to 2'-5".	
		Book Return	1			
		Desk w/cash drawer	1			
		Cupboard (dbl. door)	1			
		Work Desk	1			
MC 4	Periodical Storage	Adjustable Shelves (Provide on 3 walls.)	208 LF	16" D	4 tier, wall mounted on standards.	
MC 5	A/V Equip. Storage	Adjustable Shelves (Mount at ht. for computer cart storage beneath.)	48 LF	16" D	2 tier, wall mounted on standards.	
		Adjustable Shelves	76 LF	16" D	4 tier, wall mounted on standards.	
MC 6	Workroom	Wall 1:				
		Adjustable Shelves (Mount at ht. to locate copier beneath.)		16" D	2 tier, wall mounted on standards.	
		Upper Cabinet (double door)	3	36x12x30	w/ 1 adjustable shelf.	
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.	
		Countertop*	-	-	Continuous at all base cabinets.	
		Base Cabinet	5	18x24x34	w/ 4 drawers	
		Base Cabinet (single door)	2	18x24x34		
		Wall 2:				
		Base Cabinet (double door)	1	42x24x34	w/ sink (single bowl).	
		Wall 3:				

Countertop*		-	Continuous at all base cabinets.
Base Cabinet	4	18x24x30	w/ 2 drawers
Base Cabinet (double door)	1	36x24x30	w/ 1 adjustable shelf.
Work Counter (w/knee space)	6 LF	1	30' H
Work Table (Stand alone)	1	8'x4'	Base cabinets both sides, counter 36"AFF
Countertop	1		Counter 36"AFF, 12" overhang both sides
Base Cabinets	4	36wx24d	Base cabinets both sides,

*Provide backsplash at all countertops.

Furniture					
Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
MC 1	Reading Room	Shelves (Periodicals)	4	36x12x60	
		Shelves (Reference)	1	36x12x60	
		Shelves (Reference)	6	36x24x48	
		Shelves (Reference)	14	36x10x60	
		Shelves	37	36x20x60	
		Circulation Desk Chairs	2		
		Vertical Newspaper Rack	1		
		Depressible Receiving Truck	2		
		Dictionary Stand	1		
		Computer Workstations Desk	15	36x30xX	(Modular Furniture)
		Computer Workstations Desk Chairs	15		
		Computer Study Carrels	8		
		Rectangular Table	12	36x90	6 person
		Chairs	72		
		Rectangular Table	1	36x60	4 person
MC 2	Conference	Book Case	6	36x10x60	
		Chairs	14		
MC 5	AV Equip. Storage	Wood Book Trucks (mobile)	2		

Utilities

Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
1	MC 1 - Motorized screen	Install outlets along walls w/casework horizontally in toe kick. Provide multiple flush floor boxes containing duplex receptacles for table areas in Reading Room. Provide floor boxes w/cover plates that can be closed when connected to device(s). Provide power rough-in for ceiling mounted projector for use w/motorized screen.
2	MC 1 - TV/Monitor	Provide one (1) double duplex receptacle and one (1) wall mounted data outlet . Mount outlets behind TV at 84" AFF.
3	MC 1 - Circulation Desk	Provide two (2) Multi-Service Assembly flush cast-in-place floor mounted outlet, containing one (1) quadraplex receptacle computer outlet; and one (1) telephone/data outlet.
4	MC 1 - Modular Furniture	Provide wall mounted junction boxes for power connection and tele/data connection to modular furniture. Coordinate modular furniture systems electrical tele/data requirements with manufacturer.
5	MC 1 - Detection System	Provide one (1) duplex receptacle for Library Sensor Control Module at each entry. Provide electrical conduit w/pullstring to Library checkpoint system control module.
6	MC 2 - Conference	Provide electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall. Provide two sets of one (1) quadraplex receptacle (w/data) per subdivided conference room.
7	MC 5 - Computer Carts	Provide one (1) wall mounted duplex receptacle per computer cart.

8	MC 6 - Workroom	Provide one (1) duplex receptacle (w/data) @ copier. Provide three (3) sets each containing one (1) quadruplex receptacle (w/data) mounted above countertops; and one (1) additional quadruplex receptacle. Provide one (1) GFCI duplex receptacle mtd. above counter at sink area. Provide one (1) duplex receptacle for sound system amplifier.
9	MC 6a	Provide one (1) GFCI duplex receptacle wall mounted.
10	MC 7	Provide one (1) wall mounted duplex receptacle per vestibule.
Intercom:		
1	MC 1	Provide media center sound system speakers, ceiling recessed.
2	MC 6	Provide one (1) sound system amplifier (microphone system).
Microphone:		
1	MC 1	Provide two (2) microphone outlets.
Data:		
1	MC 1 - Computer Area	See MC-1 Modular Furniture note above.
2	MC 1 - Circulation Desk	Provide two (2) combination voice/data outlets.
3	MC 2	Provide one (1) combination voice/data outlet adj to each quadruplex receptacle.
4	MC 6	Provide one (1) combination voice/data outlet adj to each set of quadruplex receptacles at work counter.
Clock:		
1	MC 1	Provide two (2) wall mounted clock outlets for single face clock.
Security:		
1	MC 1 - Main entry door	Provide electric hinge, power supply for access control, magnetic door position switches, and card reader device.
2	MC 1 - Circulation Desk	Provide high security intercom station.
Television:		
1	MC 1	Provide one (1) wall mounted television outlet and TV tap box (to TV headend).
2	MC 2	Provide one (1) wall mounted television outlet.
Other:		
1	All spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
2	All spaces	Technology Infrastructure: Reference Instructional Technology requirements.
3	All spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.
Plumbing:		
1	MC 6	Provide one (1) stainless steel sink w/gooseneck faucet, hot and cold water.
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 for system requirements.

Acoustics

1	MC 1, 2, 3, 6, 6a, 7	Provide acoustical separation in compliance with ANSI standards for schools. Refer to Design Guidelines for system requirements.
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General Notes

- 1 Provide exterior windows w/ ability to darken in MC 1 (Reading Room) to facilitate use of projection screen.
- 2 Provide interior windows w/ blinds in Media Center spaces MC 2, 3, 4, 5, 6, 7, with view of MC 1.
- 3 Refer to Design Guidelines for window system and glazing requirements.
- 4 Provide locks on all doors except toilets. Toilet room doors shall not have closers. Refer to Design Guidelines for door hardware requirements.

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. **Key Adjacency:** The Art Lab is ideally located on the first floor w/direct access to the Art Terrace.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
ART 1	Art Lab	1,650	1	1,650	Art Terrace, Section 14.1
ART 2	Storage	250	1	250	ART 1
ART 3	Kiln Room (2 Kilns)	100	1	100	ART 1

Room sized for 37(+2) students. Minimum required area for students = 780-sf net based on 20-sf/person.

Total Area SF	2,000
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Refer to Section 14.1 - OUTDOOR SPACES for Art Terrace.

Equipment

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

Item	Room Location	Size (wxh)	#/RM	Notes
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.
CMP	ART 1		-	OP - Refer to Instructional Technology requirements.
SK	ART 1		1	
SK2	ART 1		2	
SD	ART 1		3	Locate at sink area.
PTD	ART 1		3	Locate at sink area.
KN	ART 3		2	OP
TL	ART 1		2	
CLK	ART 1		1	Locate at teaching wall.
PSH	ART 1		1	OP - GC to provide blocking. Locate at teaching wall.

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (Student)	SD - Soap Dispenser
TL - Track Lighting	KN - Kiln (digital)	SK - Single Bowl Sink	PTD - Paper Towel Dispenser
SK2 - Double Bowl Sink			

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.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile in all spaces.
	b All Spaces	Provide 2x4 fluorescent fixtures in all spaces.
	c ART 3	Provide suspended linear fluorescent fixture in ART 3, open to structure (OTS).
	d ART 1	Provide minimum 10'-0" ceiling height.

Casework

Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
ART 1	Art Lab	Wall 1: Teachers Cabinet (lockable)	1	3'x2'x7'	

Storage Cabinet (lockable)	2	3'x2'x7'	
Upper Cabinet (double door)	4	32x12x30	w/ 1 adjustable shelf.
Upper Cabinet (single door)	3	18x12x30	w/ 1 adjustable shelf.
Countertop*		-	Continuous at all base cabinets.
Base Cabinet (double door)	4	32x24x30	w/ 1 adjustable shelf.
Base Cabinet	3	18x24x30	w/ 4 drawers

Wall 2:

Upper Cabinet (double door)	3	42x12x24	w/ 1 adjustable shelf.
Upper Cabinet (single door)	4	18x12x30	w/ 1 adjustable shelf.
Countertop*		-	Continuous at all base cabinets.
Base Cabinet (double door)	1	42x24x30	w/ sink (single bowl).
Base Cabinet (double door)	2	42x24x30	w/ sink (double bowl).
Base Cabinet	4	18x24x30	w/ 4 drawers

Wall 2: (alcove)

ART 2	Storage Room	Adjustable Shelves	7'- 6" LF	16" D	4 tier, wall mounted on standards.	
		Adjustable Shelves	108 LF	16" D	4 tier, wall mounted on standards.	
		Adjustable Shelves	116 LF	12" D	4 tier, wall mounted on standards.	
		Adjustable Shelves	16 LF	10" D	4 tier, wall mounted on standards.	
		Art Bin (horizontal shelving)		1	4'x3'x3'-6"	
		Art Bin (vertical shelving)		1	2'x3'x3'-6"	

*Provide backsplash at all countertops.

Furniture

Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
ART 1	Art Lab	Moveable Platform (model table)	1	4'x4'	
		Moveable Platform (cutting table)	1	4'x4'	
		Art Tables	8	3'x3'	

Utilities

Utility Location

Electrical:

Power:	General, ART 1	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
1	ART 1 - Sink Area	Provide four (4) wall mounted GFCI receptacles above countertop w/sinks.
2	ART 1 - Casework	Provide three (3) duplex receptacles at work counter area.
3	ART 3 - Kiln	Provide one (1) duplex receptacle and one (1) disconnect switch, per kiln. Provide one (1) general purpose duplex receptacle in kiln room. Coordinate exact connection type with kiln vendor prior to rough-in.
4	ART 1 - Ceiling	Provide power as required for ceiling mounted track lighting.

Other:

1	All spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
2	All spaces	Technology Infrastructure: Reference Instructional Technology requirements.
3	All spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

1	ART 1	Provide one (1) single and two (2) double stainless steel sink w/gooseneck faucet, hot and cold water. Two (2) sinks shall be as deep as possible w/plaster trap and strainer. One sink shall be shallow and ADA compliant.
2	ART 1	Refer to Division 15 - Design Guidelines, for plumbing fixture requirements.

HVAC:

1	ART 1	Provide limited-range temperature control.
2	ART 3	Provide exhaust / ventilation and cooling as required for kilns.

- 3 ART 1, 2, 3 Refer to Design Guidelines for system requirements.

Acoustics

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

General Notes

- 1 Provide access from the lab to exterior art patio. (Refer to Section 14.1 - OUTDOOR SPACES for Art Terrace.)
- 2 Refer to Design Guidelines for window system and glazing requirements.
- 3 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 4 Coordinate electrical requirements w/supplied kiln prior to installation and ordering of electrical devices. Install per manufacturers recommendations, maintain proper clearances around kiln.

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 Area (Cafetorium) and Toilet Facilities, on the ground level.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
Instrumental (Band / Orchestra):					
MUS 1	Instrumental / Band Classroom (150 max.)	2,500	1	2,500	
MUS 2	Instrument Storage	210	1	210	
MUS 3	Percussion Storage	150	1	150	
MUS 4	School Instrument Storage	150	1	150	
MUS 5	Office (Band, Orchestra)	150	2	300	MUS 1, MUS 6
MUS 6	Orchestra Classroom (100 max.)	1,750	1	1,750	
MUS 7	Orchestra Storage	100	1	100	MUS 6
Instrument Subtotal				5,160	
Choral (Choral / Key Boarding):					
MUS 8	Chorus Classroom (100 max.)	950	1	950	
MUS 9	Office/Library (Chorus)	150	1	150	MUS 8
MUS 10	Keyboard Classroom (37 max.)	990	1	990	
MUS 11	Keyboard Storage	150	1	150	MUS 10
Choral Subtotal				2,240	
MUS 12	Practice Rooms	90	3	270	MUS 1, MUS 8, MUS 10
MUS 13	Music Suite Vestibule (internal circulation)	250	1	250	MUS 12
Total Area SF				7,920	

Instrumental/Band Classroom sized for 150 students. Minimum required area for students = 2,250-sf net based on 15-sf/person. Orchestra Classroom sized for 100 students. Minimum required area for students = 1,500-sf net based on 15-sf/person. Chorus Classroom sized for 100 students. Minimum required area for students = 700-sf net based on 7-sf/person. Keyboard Classroom sized for 38 students. Minimum required area for students = 760-sf net based on 20-sf/person.

Equipment

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

Item	Room Location	Size (wxh)	#/RM	Notes
TB	MUS 1, MUS 8	4' x 4'	2	Locate adjacent to Interactive Board.
MBL	MUS 1, MUS 8	4' x 12'	1	Locate at teaching wall.
IB	MUS 1, MUS 6, MUS 8, MUS 10	8' x 4'	1	OP - Locate at teaching wall.
MBL	MUS 1	4' x 16'	2	Locate at teaching wall.
MBL	MUS 6, MUS 8	4' x 16'	1	Locate at teaching wall.
TB	MUS 1, MUS 6, MUS 8, MUS 10	12' x 4'	1	Locate above computer stations.
ISU	MUS 1	As required	10	Locate around perimeter walls of Band Classroom.
ISU	MUS 2	As required	10	
ISU	MUS 3	As required	6	
ISU	MUS 10	As required	8	
ISU	MUS 11	As required	-	
MFU	MUS 4		6	OP.
SD	MUS 4, MUS 8		1	Locate at sink.
PTD	MUS 4, MUS 8		1	Locate at sink.

AP	MUS 1, MUS 6, MUS 8, MUS 10		Varies	Wall and ceiling mounted.
SS	MUS 1, MUS 6		2	Wall Mounted.
PR	MUS 1, MUS 8		1	
CMP	MUS 1, MUS 6, MUS 8, MUS 10		-	OP - Refer to Instructional Technology requirements.
CLK	MUS 1, MUS 6, MUS 8, MUS 10		1	
PSH	MUS 1, MUS 6, MUS 8, MUS 10		1	OP - GC to provide blocking. Locate at teaching wall.

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
MBL - Marker Board w/ lines	OP - Owner Provided	CMP - Computers (Student)	MFU - Moveable File Unit*
TB - Tack Board	AP - Acoustical Panels	ISU - Instrument Storage Unit*	SD - Soap Dispenser
PTD - Paper Towel Dispenser	SS - Sound Speakers	PR - Performing Risers	

* Manufacturer: Wenger (Coordinate requirements w/Owner.)

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 MUS 1, 3, 4, 5, 6, 8, 9, 10, 12	Provide carpet tile w/ 4 " rubber base.
	b MUS 2, 7, 11, 13	Provide vinyl composition tile w/ 4 " rubber base.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile.
	b All Spaces	Provide 2x4 fluorescent fixtures.
	c All Spaces	Provide minimum 10'-0" ceiling height in all spaces except provide minimum 14'-0" ceiling height in MUS 1, 6, 8, and 10.

Casework

Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
MUS 1	Instrumental / Band	Storage Cabinet (lockable)	1	3'x2'x7'	
		Shelving Unit (open)	1	4'x12"x7'	5 shelves, wall mounted.
MUS 4	School Instr. Storage	Storage Cabinet (lockable)	1	3'x2'x7'	
		Teachers Cabinet (lockable)	1	3'x2'x7'	
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (double door)	1	24x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet	1	18x24x34	w/ 4 drawers.
		Base Cabinet (double door)	1	24x24x34	w/ 1 adjustable shelf.
MUS 8	Chorus Classroom	Storage Cabinet (lockable)	1	3'x2'x7'	
		Teachers Cabinet (lockable)	1	3'x2'x7'	
	Chorus CR Alcove	Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (double door)	1	24x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet	1	18x24x34	w/ 4 drawers.
		Base Cabinet (double door)	1	24x24x34	w/ 1 adjustable shelf.
		Base Cabinet (double door)	1	42x24x34	w/ sink (single bowl).
		MUS 11	Keyboard Storage	Adjustable Shelves	70 LF
(Provide on 3 walls.)					

*Provide backsplash at all countertops.

Utilities

Utility Location

Electrical:

- Power: General Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
- 1 MUS 4, 8 - Sink Area Provide two (2) GFCI duplex receptacles above counter.
 - 2 MUS 2, 3, 4, 7, 11, 13 Provide one (1) duplex receptacle in storage rooms and vestibule.
 - 3 MUS 12 Provide one (1) above counter double duplex receptacle computer outlet (w/ data). Provide one (1) duplex receptacle, general purpose.

Data:

- 1 MUS 12 - Practice Rms. Provide one (1) data outlet adj to each duplex receptacle.

TV:

- 1 MUS 1, 6, 8, 10 Provide one (1) wall mounted television outlet.

Other:

- 1 All Spaces Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
- 2 All Spaces Technology Infrastructure: Reference Instructional Technology requirements.
- 3 All Spaces Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

- 1 Provide one (1) stainless steel sink w/gooseneck faucet, hot and cold water in **MUS 4 and MUS 8**.
- 2 All Spaces Locate restrooms and electric water cooler convenient to Music Classroom.

HVAC:

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

Acoustics

- 1 MUS 1, 6, 8, 10 Avoid parallel walls within classrooms to limit echo.
- 2 MUS 1, 6, 8, 10 Provide acoustical separation in compliance with ANSI standards for schools. Control sound transmission between music suite and other spaces.
- 3 MUS 1, 6, 8, 10 Provide wall-mounted acoustical panels w/ concealed attachment.
- 4 MUS 1, MUS 6 Provide CMU sand filled partition between adjacent music classrooms.
- 5 MUS 1, 6, 8, 10 Provide doors without grilled louvers. Provide sound seals at all classroom doors.
- 6 MUS 1, 6, 8, 10 Extend wall acoustic treatment to top of structure.
- 7 MUS 1, 6, 8, 10 Provide sound batt insulation above walls and ceiling tile.

General Notes

- 1 Provide exterior windows for each music classroom when feasible.
- 2 Refer to Design Guidelines for window system and glazing requirements.
- 3 Refer to Design Guidelines for door width requirements.
- 4 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 5 Provide interior windows between office MUS 5 (Band) and MUS 1; office MUS 5 (Orchestra) and MUS 6.
- 6 Provide interior windows between practice rooms and all adjacent music classrooms. Locate practice rooms to allow observation by any music teacher with direct visibility from the music classroom.

Section 06 - SHARED LABS

General Description

Shared Labs provide opportunities to focus on specific areas of study outside of the regular classroom. The Computer Reading Lab provides space where students can work independently or in small groups to improve reading comprehension. The associated Testing Room is used to administer individualized reading assessments; or to work with remedial readers in privacy. Writing Labs provides space where students can work independently or in small groups to improve writing skills. **Key Adjacency:** Locate shared labs within close proximity to general classrooms.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
SL 1	Computer Reading Lab	1,000	1	1,000	
SL 1a	Testing Room	150	1	150	SL 1
SL 2	Labs (Writing - 1 / General - 2)	1,650	1	1,650	
Room sized for 38 students. Minimum required area for students = 760-sf based on 20-sf/person.		Total Area SF		2,800	

Equipment

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

Item	Room Location	Size (WxH)	#/RM	Notes
MB	SL 1, SL 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	SL 1, SL 2	8' x 4'	1	OP - Center on teaching wall.
TB	SL 1, SL 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	SL 1, SL 2	12' x 4'	1	Locate on side wall near door.
CMP	SL 1, SL 2		38	OP - Refer to Instructional Technology requirements.
CLK	SL 1, SL 2		1	Locate at teaching wall.
PSH	SL 1, SL 2		1	OP - General Contractor to provide blocking.

MB - Marker Board **CLK** - Electronic Wall Clock **IB** - Interactive Board **PSH** - Pencil Sharpener (wall mtd.)
TB - Tack Board **OP** - Owner Provided **CMP** - Computers (Student)

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 (VCT) w/ 4 " rubber base.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile.
	b All Spaces	Provide 2x4 fluorescent fixtures.
	c All Spaces	Provide minimum 10'-0" ceiling height.

Casework

Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
SL 1a	Testing Room	Fixed Shelving Units		8'-6" LF	102x14x28 3 equal shelves
SL 1	Computer Reading Lab	Teachers Cabinet (lockable)	1	3'x2'x7'	
SL 2	Writing/General Labs	Teachers Cabinet (lockable)	1	3'x2'x7'	
		Storage Cabinet (lockable)	1	3'x2'x7'	
		Upper Cabinet (double door)	1	36x12x30	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet	1	18x24x30	w/ 4 drawers
		Base Cabinet (single door)	1	18x24x30	w/ 1 adjustable shelf.

*Provide backsplash at all countertops.

Utilities

Utility	Location	
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
Other:		
1	All Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
2	All Spaces	Technology Infrastructure: Reference Instructional Technology requirements.
3	All Spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.
Plumbing:		
1	All Spaces	None.
HVAC:		
1	All Spaces	Provide limited-range temperature control.
2	All Spaces	Refer to Design Guidelines for system requirements.

Acoustics

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

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 3 Provide interior windows in SL 1a, with view of Computer Reading Lab.

Section 07 - 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. **Key Adjacency:** Separate from academic areas with access to playfields, and parking facilities.

Bleacher seating capacity: 477 Max. Seats (437 Min. w/ADA spaces occupied.)

Total Gymnasium seating capacity: Provide the maximum number of seats possible on the floor based on code requirements for occupant load, aisles, cross aisles, exiting, etc. and for recommendations for a stage or presentation area.

Activity / Space						
Space No.	Room Name	NSF	Qty	TSF	Notes/Adjacency	
Gymnasium:						
PE 1	Gymnasium	11,830	1	11,830		
PE 2	Gymnasium Lobby	170	1	170	PE 1	
Boy's:						
PE 3	P.E. Locker Room	0	1	0	Area based on layout of required number of lockers.	
PE 3a	Vestibule (PE Locker Room)	35	2	70	PE 3	
PE 4	Toilet	0	1	0	Occupant load to be based on the number of participants in the largest athletic program at each school. Max. P.E. class size is 46.	
PE 4a	Showers	0	1	0		
PE 5	Athletic Locker Room	0	1	0	Area based on layout of required number of lockers.	
PE 5a	Vestibule (Athletic Locker Room)	35	2	70	PE 5	
Girl's:						
PE 6	P.E. Locker Room	0	1	0	Area based on layout of required number of lockers.	
PE 6a	Vestibule (PE Locker Room)	35	2	70	PE 6	
PE 7	Toilet	0	1	0	Occupant load to be based on the number of participants in the largest athletic program at each school. Max. P.E. class size is 46.	
PE 7a	Showers	0	1	0		
PE 8	Athletic Locker Room	0	1	0	Area based on layout of required number of lockers.	
PE 8a	Vestibule (Athletic Locker Room)	35	2	70	PE 8	
Coach/ Support Areas:						
PE 9	Office (Coach)	150	2	300		
PE 9a	Closet	20	2	40	PE 9	
PE 10	Office (P.E.)	150	2	300		
PE 11	Staff Toilet	75	2	150		
PE 11a	Staff Shower	0	2	0	To be integral with PE 11	
PE 12	Concessions	200	1	200		
PE 13	Concessions Closet	50	1	50	PE 12	
PE 14	Laundry	150	1	150		
Wellness:						
PE 15	Health Classroom (sized for 46 students max.)	1,100	1	1,100	PE 1	
PE 15a	Closet	20	1	20		
PE 16	Weight Room (10 occupants max. at 50-sf/person)	500	1	500	PE 1	

Storage:

PE 17	Gym Storage Rooms (general)	100	2	200
PE 18	PE Storage - Girl's side	310	1	310
PE 19	PE Storage - Boy's side	310	1	310

Total Area SF	15,910	*Does not include locker rooms and toilets/showers noted above.
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*Refer to Section 14.2 - SITE FACILITIES for athletic playfields and courts

Equipment

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

Item	Room Location	Size (wxh)	#/RM	
MB	PE 15	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	PE 15	8' x 4'	1	OP - Center on teaching wall.
TB	PE 15	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	PE 15	12' x 4'	1	Locate above computer stations.
MB	PE 5, PE 8	8' x 4'	1	
MB	PE 9, PE 10	4' x 4'	1	
TB	PE 9, PE 10	4' x 4'	1	
SMT	PE 1	12' x 6'	6	Locate behind basketball goals.
BL	PE 1 (motorized bleachers)			477 Max. Seats (437 Min. w/ADA spaces occupied.)
VBS	PE 1		6	Provide posts and nets for 3 volleyball courts.
BBA	PE 1		2	
BG	PE 1		4	Contractor to provide/coordinate suspension structure.
SB	PE 1		1	OP
PUB	PE 1, PE 6		1	
ATL	PE 5, PE 8	12x18Dx36	144	72 lockers, double high
PEL	PE 3, PE 6	12x12Dx12	486	81 lockers, six tier high
PEL	PE 3, PE 6	12x12Dx36	26	13, lockers two tier high
DDF	PE 3, PE 5, PE 6, PE 8		1 set	
W/D	PE 14		1 set	
CR	PE 2		1	Double door entry.
MDT	PE 2		1	Double door entry.
HSS	PE 1		8	Quantity as required.
SS	PE 1		7	Quantity as required. (Mount to ceiling structure)
SA	PE 19		1	
MI	PE 16		-	Provide full length of one (1) wall.
MD	PE 12		1	For concessions window.
DFIB	PE 1		1	
REF	PE 12		1	
SD	PE 12		1	
PTD	PE 12		1	
CLK	PE 1		4	
CLK	PE 9, PE 10, PE 15, PE 16		1	
PSH	PE 15		1	OP - General Contractor to provide blocking.

MB - Marker Board	OP - Owner Provided	VBS-Volley Ball Post Sleeves	BBA-Basketball Assembly (mobile)
TB - Tack Board	WP - Wall Pads	BL - Bleachers (Telescoping)	BG - Basketball Goal (retractable)
CLK - Electronic Wall Clock	SMT-Safety Mats (wall mtd.)	ATL - Athletic Locker	PSH - Pencil Sharpener (wall mtd.)
MI - Mirrors	SB - Score Board	PEL - PE Lockers	MD - Motorized (Overhead Coiling) Door
W/D - Washer, Dryer (individual)	PUB - Pull Up Bar (wall mtd.)	DDF - Dual Drinking Fountains	HSS - High Security Intercom Stations

CR - Card Reader MDT - Metal Detector REF - Refrigerator SD - Soap Dispenser
 DFIB - Defibrillator SA - Sound System Amplifier SS - Sound System Speaker PTD - Paper Towel Dispenser

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 separating rooms to extend to underside of deck. Walls to be constructed of CMU.
 c PE 4a, PE 7a, PE 11 Provide all ceramic tiled walls.

Floors: a PE 2, 9/9a, 10, PE 12-15a, PE 17-19 Provide vinyl composition tile w/ 4 " rubber base.
 b PE 1 Provide wood athletic flooring system.
 c PE 1 Provide floor striping for volleyball and basketball courts.
 d PE 3/3a, PE 4/4a, PE 5/5a, PE 6/6a, PE 7/7a, PE 8/8a, PE 11/11a, Provide ceramic tile (CT) w/ceramic base.
 e PE 16 Provide resilient floor pad/tiles.

Ceilings: a All Spaces Provide 2x2 standard acoustical ceiling tile w/exception of PE 1, PE 18 and PE 19.
 b All Spaces Provide 2x4 fluorescent fixtures w/ exception of PE 1, PE 18 and PE 19.
 c All Spaces Provide minimum 10'-0" ceiling height w/ exception of PE 1, PE 18 and PE 19.
 d PE 1 Open to Structure (OTS). Provide painted exposed truss system.
 e PE 1 Provide surface mounted metal halide fixtures.
 f PE 18, PE 19 Open to Structure (OTS). Provide suspended linear fluorescent fixtures.

Casework

Space No.	Room Name	Unit Type	Qty	(wx dxh)	Notes
PE 3, 6	P.E. Locker Room	Benches (Locker Room)	27 LF	3	9' Long
PE 5, 8	Athletic Locker Room	Benches (Locker Room)	36 LF	4	9' Long
PE 9a	Closet	Shelf, w/ coat rod		1	
PE 9	Office (Coach)	Teachers Cabinet (lockable)		1	3'x2'x7'
PE 10	Office (P.E.)	Teachers Cabinet (lockable)		1	3'x2'x7'
PE 12	Concessions	Wall 1:			
		Upper Cabinet (double door)		2	30x12x30 w/ 1 adjustable shelf.
		Upper Cabinet (single door)		2	18x12x30 w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet (double door)		4	30x24x34 w/ 1 adjustable shelf.
		Base Cabinet		2	18x24x34 w/ 4 drawers
		Work Counter (open beneath)	7' LF	1	84x24x34 Locate at motorized door area.
		Wall 2:			
		Upper Cabinet (double door)		3	36x12x30 w/ 1 adjustable shelf.
		Upper Cabinet (double door)		1	42x12x24 w/ 1 adjustable shelf.
		Upper Cabinet (single door)		1	18x12x30 w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet (single door)		3	18x24x34
		Base Cabinet		2	18x24x34 w/ 4 drawers.
		Base Cabinet (double door)		1	36x12x34
		Base Cabinet (double door)		1	42x24x34 w/ sink (single bowl).
PE 13	Concessions Closet	Adjustable Shelves			16" D 4 tier, wall mounted on standards. (Provide on 3 walls.)

PE 14	Laundry	Counter (wall mounted)	1	60"Wx36" D
PE 15	Health Classroom	Teachers Cabinet (lockable)	1	3'x2'x7'
PE 15a	Closet (Health CR)	Adjustable Shelves	16" D	4 tier, wall mounted on standards.

*Provide backsplash at all countertops.

Utilities

Utility	Location	
Electrical:		
Power:	1 PE 1 - Gym	Provide electrical outlets @ 40' max spacing w/ not less than one (1) duplex outlet per wall, or as required by code. This is in addition to other requirements.
	2 PE 1 - Scoreboards	Coordinate installation requirements of wireless remote control components w/manufacture.
	3 PE 1 - Scoreboards	Official Scoring Desk Location: Provide voice, data, audio, video connectivity devices required for application. Coordinate w/sound system, teledata etc. Provide recessed floor box.
	4 PE 1 - Goals	Mount receptacle in 4" square box w/cover within 3'-0" of basketball goal electric winch. Goals controlled via key switch.
	5 PE 9, 10, 15, 16	Provide one (1) quadruplex computer outlet (w/ data) for teacher workstation, one (1) duplex receptacle mtd. @ 84" AFF for wall mounted A/V equipment.
	6 PE 4, PE 7 - Toilet	Provide two (2) GFCI duplex receptacles.
	7 PE 11 - Toilet	Provide one (1) GFCI duplex receptacle.
	8 PE 12 - Concessions	Provide GFCI duplex receptacles @ 4' max spacing w/ not less than four (4) duplex outlets above counters. Provide one (1) duplex receptacle for refrigerator. Provide one (1) GFCI duplex receptacle (w/data) at serving window.
	9 PE 14	Provide one (1) wall mounted single receptacle, one (1) special receptacle, one (1) duplex receptacle.
	10 PE 16 - Weight Room	Provide two (2) duplex receptacles per wall.
	11 PE 17, 18, 19	Provide one (1) duplex receptacle in storage rooms.
Clock:		
	1 PE 1 - Gym	Provide wall mounted clock outlets at each end of basketball courts, and one (1) at Gym entry.
	2 PE 16	Provide one (1) wall mounted clock outlet.
Intercom:		
	1 PE 1 - Gym	Provide eight (8) wall mounted intercom stations (high security); or as required per layout.
	2 PE 9, 10, 15, 16	Provide two-way intercom system w/wall mounted call button and ceiling mounted speaker.
	3 PE 3,4,5,6,7,8,15,16	Provide ceiling mounted intercom speakers in Boy's & Girl's toilet, locker areas, classroom areas.
Sound:		
	1 PE 1 - Gym	Provide gymnasium sound system speaker assembly, with connection to gym sound system amplifier. Mount top of speaker flush w/ bottom of joist.
Microphone:		
	1 PE 1 - Gym	Provide one (1) wall mounted microphone receptacle with connection to gym sound system amplifier. Provide double gang box w/single gang plaster ring and 3/4" conduit stubbed up above accessible ceiling.
Data:		
	1 PE 1 - Gym	See note above. Power: PE-1 Scoreboard
	2 PE 12 - Concessions	Provide one (1) voice/data outlet adj. to duplex receptacle.
TV:		
	1 PE 9, PE 10	Provide one (1) wall mounted television outlet.
	2 PE 1 - Gym	Provide two (2) wall mounted television outlets at perimeter wall of gym.
Security:		
	1 PE 2 - Gym Lobby	Provide electric hinge, power supply for access control, magnetic door position switches, and card reader device @ entry doors.
Other:		
	1 PE Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.

- 2 PE Spaces Technology Infrastructure: Reference Instructional Technology requirements.
- 3 PE Spaces Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

- 1 PE 11 Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.
- 2 PE 3, PE 5, PE 6, PE 8 Provide electric drinking fountains.
- 3 PE 12 Provide sink in PE 12, Concessions.

HVAC:

- 1 All Spaces Provide limited-range temperature control.
- 2 PE 3, PE 5, PE 6, PE 8 Provide humidity sensors in locker rooms.
- 3 All Spaces Refer to Design Guidelines for system requirements.

Acoustics

- 1 All Spaces Provide acoustical separation in compliance with ANSI standards for schools.
- 2 All Spaces Provide CMU walls for all PE spaces extended to structural deck above.

General Notes

- 1 Provide sound seals on doors in PE 1 and building corridor. Refer to Design Guidelines for door hardware requirements.
- 2 Avoid specification of building materials w/ rough edges or surfaces that project into the Gymnasium area.
- 3 Provide wall pads (safety pads) quantity as required to achieve safe environment for gymnasium activities. Coordinate wall pad locations with placement of wall mounted receptacles.

Section 08 - SPECIAL EDUCATION

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
SPED 1	Special Ed Classroom (Includes kitchenette)	720	1	720	
SPED 1a	Toilet	60	2	120	Internal to SPED 1 classroom
SPED 2	Special Ed Classroom (Includes kitchenette)	720	2	1,440	
SPED 2a	Toilet (Adaptive)	250	1	250	Shared between SPED 2 classrooms
Room sized for 28 students max. Minimum required area for students = 560-sf net based on 20-sf/person. Provides 160-sf for Teacher's desk, bookshelves, storage cabinets, computer tables, etc.		Total Area SF		2,530	

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 2	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	SPED 1, SPED 2	8' x 4'	1	OP - Center on teaching wall.
TB	SPED 1, SPED 2	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	SPED 1, SPED 2	12' x 4'	1	Locate above computer stations.
MB	SPED 1, SPED 2	16' x 4'	1	Locate at wall adjacent to teaching wall.
CMP	SPED 1, SPED 2			OP - Refer to Instructional Technology requirements.
CTBL	SPED 2a		1	OP. Center on teaching wall.
GB	SPED 1a, Sped 2a		2	
CLK	SPED 1, SPED 2		1	Locate at teaching wall.
PSH	SPED 1, SPED 2		1	OP - General Contractor to provide blocking.
W/D	SPED 1, SPED 2		1	
SD	SPED 1, SPED 2		1	Locate at sink area.
PTD	SPED 1, SPED 2		1	Locate at sink area.
REF	SPED 1, SPED 2		1	
RGE	SPED 1, SPED 2		1	

MB - Marker Board	OP - Owner Provided	CMP - Computers (student)	W/D - Washer, Dryer (individual)
TB - Tack Board	CLK - Electronic Wall Clock	RGE - Electric Range	PSH - Pencil Sharpener (wall mtd.)
IB - Interactive Board	GB - Grab Bars (36" & 42")	REF - Refrigerator	SD - Soap Dispenser
	CTBL - Changing Table		PTD - Paper Towel Dispenser

Finishes

Walls:	a SPED 1, SPED 2	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.
	c SPED 1a, 2a	Provide all ceramic tiled walls.
Floors:	a SPED 1, SPED 2	Provide carpet tile w/ 4 " rubber base.
	b SPED 1a, 2a	Provide ceramic tile (CT) w/ceramic base.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile.

- b All Spaces Provide 2x4 fluorescent fixtures.
- c SPED 1, SPED 2 Provide minimum 10'-0" ceiling height.
- d SPED 1a, SPED 2a Provide minimum 9'-0" ceiling height.

Casework							
Space No.	Room Name	Unit Type	Qty	(wxhx)	Notes		
SPED 1, 2	Classroom	Teachers Cabinet (lockable)	1	3'x2'x7'			
		Storage Cabinet (lockable)	1	3'x2'x7'			
		Built-in Storage	-	-	Provide cubbies for coats, book bags/lunch boxes for number of students in room.		
SPED 1	Classroom	Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.		
		Upper Cabinet (double door)	1	42x12x30	w/ 1 adjustable shelf.		
		Countertop*	-	-	Continuous at all base cabinets.		
		Base Cabinet	1	18x24x34	w/ 4 drawers.		
		Base Cabinet (double door)	1	42x24x34	w/ 1 adjustable shelf.		
		* Leave opening between sets of casework for location of range & range hood.					
		Upper Cabinet (single door)	2	18x12x30	w/ 1 adjustable shelf.		
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.		
		Upper Cabinet (double door)	1	30x12x30	w/ 1 adjustable shelf.		
		Countertop*	-	-	Continuous at all base cabinets.		
SPED 2	Classroom	Base Cabinet	1	18x24x34	w/ 4 drawers.		
		Work Counter (open beneath)	1	42x24x34	w/ two (2) single sinks.		
		Base Cabinet (double door)	1	30x24x34	w/ 1 adjustable shelf.		
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.		
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.		
		Upper Cabinet (double door)	1	30x12x30	w/ 1 adjustable shelf.		
		Countertop*	-	-	Continuous at all base cabinets.		
		Base Cabinet	1	18x24x34	w/ 4 drawers		
		Base Cabinet (double door)	1	30x24x34	w/ 1 adjustable shelf.		
		* Leave opening between sets of casework for location of range & range hood.					
Upper Cabinet (single door)	2	18x12x30	w/ 1 adjustable shelf.				
Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.				
Countertop*	-	-	Continuous at all base cabinets.				
Base Cabinet	1	18x24x34	w/ 4 drawers.				
Work Counter (open beneath)		42x24x34	w/ one (1) sink.				
Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.				

*All cabinets to be lockable.

*Provide backsplash at all countertops.

Utilities		
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Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
	1 SPED 1, 2 - Kitchenette	Provide three (3) GFCI duplex receptacles @ 4' max spacing w/ not less than four (4) duplex outlets above counters. Provide one (1) duplex receptacle for refrigerator.
	2 SPED 1,2-Washer,Dryer	Provide one (1) duplex receptacle and one (1) special receptacle for washer and dryer. Coordinate NEMA type w/ equipment specified.
	3 SPED 2a - Toilets	Provide one (1) GFCI receptacle.
Other:		

- 1 All Spaces Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
- 2 All Spaces Technology Infrastructure: Reference Instructional Technology requirements.
- 3 All Spaces Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

- 1 SPED 1, SPED 2 Provide two (2) stainless steel sinks at classroom base cabinetry w/goose neck faucet and bubbler, cold water only.
- 2 SPED 2a Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.
- 3 Adaptive Toilet Adaptive sink, grab bar, wheelchair accessible shower, changing station, shelves on wall.

HVAC:

- 1 SPED 1, SPED 2 Provide limited-range temperature control.
- 2 All Spaces Refer to Design Guidelines for system requirements.
- 3 SPED 1, SPED 2 Provide exhaust hood at kitchenette range.

Acoustics

- 1 All spaces Refer to Design Guidelines for system requirements.

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors. Toilet room doors shall not have closers.
- 3 Refer to Design Guidelines for door hardware requirements.

Section 09 - AUDITORIUM (See Section 12 - NUTRITION)

General Description

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
Total Area SF				0	

Equipment

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

Item	Room Location	Size (wxh)	#/RM

Finishes

Casework

Space No.	Room Name	Unit Type	Qty	(wxhxh)	Notes

Utilities

Utility Location

Electrical:

Plumbing:

HVAC:

Acoustics

General Notes

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 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 adjacent to Main Entrance, with full view of the school front, in close proximity to the Counseling Suite, Media Center and Cafetorium.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
Main Administration Suite: (1st floor-Main Entry)					
ADM 1	Reception (Waiting / Main Office)	500	1	500	
ADM 1a	Administration Corridor (internal circulation)	280	1	280	
ADM 2	Office (Principal)	400	1	400	Provide 2 exit routes / ADM 4
ADM 2a	Closet	10	1	10	ADM 2
ADM 2b	Restroom	50	1	50	ADM 2
ADM 3	Offices (Bookkeeper, Secretary, Attendance)	150	3	450	See General Notes
ADM 4	Conference Room	300	1	300	ADM 2
ADM 5	Workroom/Mailroom	300	1	300	
ADM 6	Records Vault	150	1	150	ADM 3 (Bookkeepers Office)
ADM 7	Supply Room	50	1	50	
ADM 8	Teacher's Lounge	400	1	400	
ADM 8a	Restroom (pair)	50	2	100	ADM 8
ADM 9	Clinic (2 patient cots)	180	1	180	Provide direct entry off main corridor
ADM 9a	Restroom (1 toilet)	50	1	50	
ADM 10	Testing Room	385	1	385	Locate within Administrative Suite
ADM 10a	Test Storage	100	1	100	
ADM 10b	Data Room	145	1	145	
Satellite Administration Suite: (@ CR floors)					
ADM 11	Office (Assistant Principal)	300	3	900	
ADM 11a	Restroom	50	1	50	
ADM 12	Office (Receptionist)	150	1	150	
ADM 13	Planning Room	300	1	300	
Miscellaneous:					
ADM 14	Offices (Transpor., SRO, Drama, Gen. (2), S. Psych.)	150	6	900	
ADM 15	PTA Closet	20	1	20	
ADM 16	Archive Room	150	1	150	
				Total Area SF	6,320

Equipment

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

Item	Room Location	Size (wxh)	#/RM
TB	ADM 1, 2, 3, 9, 10, 11, 12, 13, 14	4' x 4'	1
TB	ADM 5, ADM 8,	4' x 4'	2
TB	ADM 1, ADM 13	8' x 4'	1
MB	ADM 4, ADM 5, ADM 11	4' x 4'	1
MB	ADM 13	8' x 4'	1

IB	ADM 4	8' x 4'	1	OP - Locate at presentation wall.
MB	ADM 4	6' x 4'	1	
MB	ADM 13	12' x 4'	1	
TB	ADM 4, ADM 8	6' x 4'	2	
TB	ADM 1a, 2, 3, 5	6' x 4'	1	
CPR	ADM 5		2	OP.
VM	ADM 8		2	OP.
REF	ADM 8, ADM 9		1	
UREF	ADM 9		1	
SD	ADM 4, ADM 8, ADM 9, ADM 13		1	
PTD	ADM 4, ADM 8, ADM 9, ADM 13		1	
OPP	ADM 4		1	
CMP	ADM 1, 2, 3, 8, 9, 11, 12, 13, 14			OP - Refer to Instructional Technology requirements.
IC	ADM 1 (Alcove)		1	OP - Coordinate location w/ owner.
SC	ADM 1		1	Ceiling mounted.
SC	ADM 1a		4	Ceiling mounted.
SM	ADM 1, ADM 2		4	OP - Coordinate location w/ owner.
SM	ADM 13 (SRO Office)		4	OP - Coordinate location w/ owner.
IAS	ADM 1 (Receptionist), ADM 3 (Attendance), ADM 2		1	
IVC	ADM 2, ADM 4		1	
DFIB	ADM 9		1	OP - Coordinate location w/ owner.
PTC	ADM 9		2	
PCT	ADM 9		2	
FS	ADM 6		1	Set in concrete pedestal @ 2'-10"A.F.F.
KC	ADM 6		1	
SDR	ADM 6		1	
PSH	ADM 5		1	OP - General Contractor to provide blocking.
CLK	ADM 1, ADM 4, ADM 8		1	
CLK	ADM 1a		2	

MB - Marker Board	KC - Key Cabinet (wall mtd.)	IB - Interactive Board	SD - Soap Dispenser
TB - Tack Board	SDR - Steel Door	CMP - Computers (Admin.)	PTD - Paper Towel Dispenser
OP - Owner Provided	FS - Floor Safe *	CPR - Copier	SC - Security Camera
IC - Intercom Console (Main)	VM - Vending Machines	UREF - Undercounter Refrig.	SM - Security TV Monitors (wall mtd.)
IAS - Intercom Admin Station	OPP - Operable Partition	REF - Refrigerator w/ice maker	PSH - Pencil Sharpener (wall mtd.)
CLK - Electronic Wall Clock	DFIB - Defibrillator	PTC - Patient Cot	IVC - Intercom Volume Control
		PCT - Patient Curtain/Track	

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. Partitions within the Administration Suite should be gypsum board. Walls separating the Administration Suite from the corridor should be CMU.
	c ADM 2b, 8a, 9a, 11a	Provide all ceramic tiled walls.
Floors:	a All Spaces	Provide carpet tile w/ 4 " rubber base.
	b ADM 5,6,7,9,12	Provide vinyl composition tile w/ 4 " rubber base.
	c ADM 2b, 8a, 9a, 11a	Provide ceramic tile (CT) w/ceramic base.
Ceilings:	a All Spaces	Provide 2x2 standard acoustical ceiling tile.
	b All Spaces	Provide 2x4 fluorescent fixtures.

c ADM 4 Provide fluorescent downlights and decorative pendant fixtures.

d ADM 4 Provide dimmable lighting (dual switching).

Casework					
Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes
ADM 1	Reception	Reception Desk (Provide 2 knee spaces)			
		Work Counter	14 LF	24dx30h	
		Transaction Top	10'-6" L	15dx42h	Provide transaction top w/dropped opening.
		ADA Work Counter opening	3'-6" L	24dx30h	Provide ADA drop portion, centered.
		Base Cabinet	3	36x24x30	w/ 2 drawers (1 file dwr, 1 dwr.)
ADM 2a	Closet	Shelf and Coat Rod	1		
ADM 4	Conference	Upper Cabinet (double door)	1	42x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet (double door)	1	36x24x34	w/ sink (single bowl).
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.
ADM 5	Workroom / Mailroom	Upper Cabinet (double door)	2	32x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelves.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet (double door)	7	32x24x34	w/ 1 adj. shelf, 1 top dwr.
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.
		Base Cabinet	3	18x24x34	w/ 4 drawers.
		Mail Boxes (slotted upright) *	16 LF	112	Width to accommodate inner office docs.
		Shelf and Coat Rod	2'-6" L	1	Locate in alcove.
ADM 6	Records Vault	Adjustable Shelves	48 LF	16" D	4 tier, wall mounted on standards.
ADM 7	Supply Room	Adjustable Shelves	48 LF	16" D	4 tier, wall mounted on standards.
ADM 8	Teacher's Lounge	Upper Cabinet (double door)	1	36x12x30	w/ 1 adjustable shelf
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf
		Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet	1	18x24x34	w/ 4 drawers
		Base Cabinet (single door)	2	18x24x34	w/ 1 adjustable shelf.
		Base Cabinet (double door)	1	42x24x34	w/ sink (single bowl).
ADM 9	Clinic**	Upper Cabinet (single door)	1	18x12x30	w/ 1 adjustable shelf.
		Work Counter (w/open space)	4'-6" L	1	54x24x34
		Base Cabinet (double door)	1	36x24x34	w/ sink (single bowl).
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.
** All Clinic cabinetry to be lockable.					
ADM 13	Planning Room	Storage Cabinet (lockable)	1	4'x2'x7'	
		Base Cabinet (double door)	1	42x24x34	w/ sink (single bowl).
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf.

*Provide changeable nameplates at top of each mailbox.

*Provide backsplash at all countertops.

Utilities

Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
1	ADM 1 - Reception Desk	Provide two (2) double duplex receptacles (w/data). Device mounted in reception desk millwork.
2	ADM 1 - Main Office	Intercom Equipment Alcove: Provide one (1) quadraplex receptacle. Provide 3/4" plywood backboard.
3	ADM 1 - Main Office	Work Area: Provide two (2) sets containing: One (1) quadraplex receptacle (w/data) and one (1) duplex receptacle .
4	ADM 1 - Waiting Area	Provide one (1) duplex receptacle at specified height for side tables.
5	ADM 2b, 8a, 9a, 11a	Provide one (1) GFI duplex receptacle mounted at non-standard height in restrooms.
6	ADM 4 - Conference	Provide two (2) quadraplex receptacles (w/data) distributed equally to serve both spaces if subdivided. Provide two (2) GFI duplex receptacles, mounted above countertop w/ sink.
7	ADM 5 - Work/Mail	Provide two (2) quadraplex receptacles (w/data) @ counter, three (3) duplex receptacles general purpose. Provide special receptacle for copier.
8	ADM 1a, ADM 6, ADM 7	Provide one (1) duplex receptacle in storage, vault and corridor.
9	ADM 8 - Lounge	Provide two (2) GFI duplex receptacles mounted above kitchen area countertop; three (3) duplex outlets for refrigerator and vending machine(s); and one (1) quadraplex receptacle (w/data). Provide multiple duplex receptacles as required per layout. Provide one (1) duplex receptacle mtd. @ 84" AFF for wall mounted AV equipment.
10	ADM 9 - Clinic	Provide one (1) GFI duplex receptacle mounted above countertop w/sink, and one (1) double duplex receptacle (w/data). Provide receptacle for refrigerator, as required; and one (1) GFI duplex receptacle, general purpose.
Clock:		
1	ADM 1 - Reception Desk	Provide one (1) wall mounted clock outlet
2	ADM 1a	Provide two (2) wall mounted clock outlets.
Data:		
1	ADM 1 - Reception Desk	Provide two (2) combination voice/data outlets adj to millwork receptacle. Device mtd. In desk millwork.
2	ADM 5, ADM 8	Provide one (1) combination voice/data outlet adj to quadraplex receptacle.
TV:		
1	ADM 1, 2, 8, 13	Provide one (1) wall mounted television outlet mounted @ 84" AFF.
2	ADM 1a	Provide four (4) television tap boxes.
Telephone:		
1	ADM 1 - Waiting Area	Provide one (1) wall mounted telephone outlet. Stub 1" electrical conduit above accessible ceiling.
Other:		
1	All Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
2	All Spaces	Technology Infrastructure: Reference Instructional Technology requirements.
3	All Spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.
Plumbing:		
1	ADM 2b, 8a, 9a, 11a	Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.
2	ADM 4, 8, 9, 13	Provide one (1) stainless steel sink w/gooseneck faucet, hot and cold water.
3	ADM 8	Provide cold water line for refrigerator and coffee maker appliance.
HVAC:		
1	All Spaces	Provide limited-range temperature control.
2	All Spaces	Refer to Design Guidelines for system requirements.

Acoustics

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

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors except toilets. Toilet room doors shall not have closers. Refer to Design Guidelines for door hardware requirements.
- 3 Provide walls to structure at ADM 6, Records Vault.
- 4 Testing Closet should be visible, accessible from corridor ADM 1a, with entry in view of security camera.
- 5 Provide windows with blinds in ADM 11 and ADM 14, with view to main classroom corridors.
- 6 Provide windows with blinds in ADM 1 with view of main entrance lobby.
- 7 Provide counter with window at ADM 3, Attendance Office.
- 8 Provide direct access from ADM 3, Attendance Office, to the main corridor to facilitate student traffic and eliminate student travel through the Administrative Suite.
- 9 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 located 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	Reception Lobby (Counseling Suite)	100	1	100	Main Corridor
CSG 1a	Counseling Corridor (internal circulation)	165	1	165	
CSG 2	Office (Counselors-3, LTSE, Registrar)	150	5	750	CSG 1a
CSG 3	Conference Room (6 person)	350	1	350	CSG 1
CSG 4	Storage/Copy Room	150	1	150	
CSG 5	Records Room (Student)	150	1	150	
Total Area SF				1,665	

Equipment

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

Item	Room Location	Size (wxh)	#/RM	
TB	CSG 1, CSG 2	4' x 4'	1	
MB	CSG 3	4' x 4'	1	
IB	CSG 3	8' x 4'	1	OP - Locate at presentation wall.
TB	CSG 1, 1a, 2, 3	6' x 4'	1	
MB	CSG 3	6' x 4'	1	
IVC	CSG 3		1	
CPR	CSG 4		1	OP.
VF	CSG 4		3	OP.
VF	CSG 5		14	OP.
CMP	CSG 1, CSG 2		-	OP - Refer to Instructional Technology requirements.
SD	CSG 3		1	
PTD	CSG 3		1	
CLK	CSG 1a		1	

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	VF - Vertical File Cabinet (4 dwr.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (Admin.)	SD - Soap Dispenser
IVC - Intercom Volume Control	CPR - Copier		PTD - Paper Towel Dispenser

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. Partitions within the Administration Suite should be gypsum board. Walls separating the Administration Suite from the corridor should be CMU.

Floors: a All Spaces Provide carpet tile w/ 4 " rubber base.
 b CSG 4, CSG 5 Provide vinyl composition tile w/ 4 " rubber base.

Ceilings: a All Spaces Provide 2x2 standard acoustical ceiling tile.
 b All Spaces Provide 2x4 fluorescent fixtures.
 c All Spaces Provide minimum 10'-0" ceiling height.

Casework					
	Room Name	Unit Type	Qty	(wx dxh)	Notes
CSG 3	Conference Room	Upper Cabinet (double door)	1	42x12x30	w/ 1 adjustable shelf.
		Upper Cabinet (single door)	4	18x12x30	w/ 1 adjustable shelf.
		Countertop*		-	Continuous at all base cabinets.
		Base Cabinet (double door)	1	42x24x34	w/ sink (single bowl).
		Base Cabinet (single door)	2	18x24x34	w/ 1 adjustable shelf.
		Base Cabinet	2	18x24x34	w/ 4 drawers.
CSG 4	Storage/Copy Room	Adjustable Shelves	16 LF	10" D	2 tier, wall mounted on standards.
		Base Cabinet (single door)	1	18x24x34	w/ 1 adjustable shelf and counter top.

*Provide backsplash at all countertops.

Utilities

Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
	1 CSG 1 - Waiting Area	Provide three (3) duplex receptacle at specified height for side tables.
	2 CSG 3 - Conference	Provide two (2) quadraplex receptacles (w/data). Provide two (2) GFI duplex receptacles, mounted above counter top.
	3 CSG 4 - Stor./Copy	Provide one (1) quadraplex receptacle (w/data) and two (2) duplex receptacles (w/data).
Clock:		
	1 CSG 1a - Corridor	Provide one (1) wall mounted double faced clock.
Other:		
	1 All Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
	2 All Spaces	Technology Infrastructure: Reference Instructional Technology requirements.
	3 All Spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.
Plumbing:		
	1 CSG 3	Provide one (1) stainless steel sink w/ gooseneck faucet, hot and cold water.
HVAC:		
	1 All Spaces	Provide limited-range temperature control.
	2 All Spaces	Refer to Design Guidelines for system requirements.

Acoustics

1	All spaces	Provide acoustical separation in compliance with ANSI standards for schools.
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General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors except toilets. Toilet room doors shall not have closers. Refer to Design Guidelines for door hardware requirements.

Section 12 - NUTRITION

General Description

The **Nutrition** program provides breakfast and lunch each day for students, teachers, administrators and visitors to the school. There would typically be 4 lunch periods occurring between 10:00 am and 1:00 pm to feed the school population. Lunch period length and timing will vary by school. The Cafetorium 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 and located on a major corridor. **Note:** Minimum space requirements to accommodate 1200 FTE (84 IU's) enrollment.

Overall cafetorium student/faculty seating capacity: 360

Overall Cafetorium seating capacity: Provide the maximum number of seats possible based on code requirements for occupant load, aisles, cross aisles, exiting, etc.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
Kitchen / Servery Area:					
KIT 1	Preparation Kitchen	2,125	1	2,125	
KIT 1a	Dish Wash	350	1	350	KIT 1, KIT 2
KIT 2	Serving Area (2 serving lines)	1,000	1	1,000	CAF 1, KIT 1
KIT 3	Dry Storage	325	1	325	KIT 1, KIT 9
KIT 4	Can Wash (exterior)	20	1	20	Provide access near bldg. service entrance
KIT 5	Laundry Room / Locker Room	90	1	90	
KIT 6	Staff Toilet	70	1	70	KIT 5
KIT 7	Office (1 person)	120	1	120	KIT 1, KIT 9
KIT 8	Mop Closet	50	1	50	
KIT 9	Corridor (internal circulation) Incl. in KIT 1	0	1	0	
KIT 10	Cooler (walk-in) Incl. in KIT 1	0	1	0	
KIT 11	Freezer (walk-in) Incl. in KIT 1	0	1	0	KIT 10
Kitchen Subtotal				4,150	
Cafetorium Areas:					
CAF 1	Cafetorium (Student Dining)	6,000	1	6,000	Bus entrance, CAF 2, KIT 2
CAF 2	Stage	1,000	1	1,000	Music Classroom, CAF 1
CAF 2a	Stage Ramp	0	1	0	CAF 2
CAF 3	Stage Storage	500	1	500	CAF 2
CAF 4	Cafeteria Storage	500	1	500	CAF 1
Cafetorium Subtotal				8,000	
Total Area SF				12,150	

*Cafeteria seating for 360 students. (30 12-person "fold-n-roll" tables.)

Equipment

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

Item	Room Location	Size (wxh)	#/RM	
TB	KIT 1, KIT 7	4' x 4'	1	
MB	KIT 1, KIT 7	4' x 4'	1	
OPS	CAF 1		1	OP.
DB	KIT 1		1	Provide at rear door entry to Kitchen.
AKP	KIT 1		1	Provide at rear door entry to Kitchen.
DH	KIT 10, KIT 11		1	
EH	KIT 1		1	
HSK	KIT 2		1	

MSK	KIT 8		1	
SD	KIT 1, KIT 2, KIT 6		Varies	Locate as required.
PTD	KIT 1, KIT 2, KIT 6		Varies	Locate as required.
CSH	KIT 2		2	
CLK	KIT 1		1	
CLK	CAF 1		2	
SL	KIT 5		10	
W/D	KIT 5		1 Set	
DRA	CAF 1		-	Cafetorium window treatment.
SS	CAF 1		2	Wall mounted at stage area.
SC	CAF 1		2	Or as required based on design of space.
TL	CAF 2		Varies	
CMPR	CAF 1		1	OP - Refer to Instructional Technology requirements.
C/BKT	CAF 1		1	OP - Refer to Instructional Technology requirements.
CUR	CAF 2		1	Cyclorama, scrim, side stage curtains as required.
WBL	CAF 1		Varies	Provide on cafetorium side of servery area.
AP	CAF 1		Varies	
PS	CAF 2		1	
SA	CAF 3		1	
MS	KIT 3		21	
MS	KIT 8	4'x2'x7'	1	
MS	KIT 10		7	
MS	KIT 11		15	
CMP	KIT 7		1	OP - Refer to Instructional Technology requirements.

MB - Marker Board	CLK - Electronic Wall Clock	CMP - Computers (Admin.)	OPS - Overhead Projector Shelf
TB - Tack Board	OP - Owner Provided	W/D - Washer, Dryer	CMPR - Ceiling Mtd. Projector
AKP - Access Key Pad	SL - Staff Lockers	HSK - Hand Sink	C/BKT - Component Bracket (wall mtd)
SC - Security Cameras	EH - Exhaust Hood	MSK - Service Sink	PS - Projection Screen (suspended)
DB - Door Bell	CH - Condensate Hood	DRA - Drapery (motorized)	TL - Theatrical Lighting
DH - Door Heater	SA - Sound System Amplifier	STG - Portable Stage (w/stair)	CUR - Stage Curtain (motorized)*
MS - Metal Shelving Units	SS - Sound Speakers	WBL - Window Blinds	SD - Soap Dispenser
PTD - Paper Towel Dispenser	AP - Acoustical Panels	CSH - Cash Registers	

Finishes

Walls:	a Cafetorium Area	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b KIT 1, KIT 2, KIT 6	Provide full height ceramic tile walls.
Floors:	a CAF 1, 2, 2a, 3, 4	Provide vinyl composition tile w/ 4 " rubber base.
	b CAF 2	Provide elevated concrete stage with VCT and stairs with rubber stair tread and riser. Provide stair access at both sides of stage.
	c KIT 1, 1a, 2, 3, 5, 6, 8, 9, 10, 11	Provide quarry tile w/quarry tile base.
	d KIT 4	Sealed Concrete.
	e KIT 7	Provide vinyl composition tile w/ 4 " rubber base.
Ceilings:	a All Spaces	Provide 2'x2' acoustical ceiling tile in all spaces, with the exception of CAF 2 and KIT 4. Provide appropriate ceiling tiles in kitchen and wet areas.
	b CAF 2, KIT 4	Open to Structure (OTS).
	c KIT 1, 1a, 2, 3, 9	Provide minimum 10'-0" ceiling height.
	d KIT 5, 6, 7, 8	Provide minimum 8'-0" ceiling height.

- e CAF 1, 2a Provide minimum 14'-0" ceiling height.
- f CAF 3,4 Provide minimum 10'-0" ceiling height.
- g All Spaces Provide 2x4 fluorescent fixtures in all spaces, with the exception of KIT 10 and KIT 11, cooler/freezer.
- h CAF 2 Provide theatrical lighting as required.
- i CAF 1 Provide 2x2 high absorption acoustical ceiling tile in Cafetorium.

*See Design Guidelines for additional details and requirements.

Casework					
	Room Name	Unit Type	Qty	(wxdxh)	Notes
KIT 6	Staff Toilet	Casework Closet	1		
		Wood Bench	1		

Utilities

Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
	1 KIT 2 - Serving Area	Provide multiple wall mounted GFI duplex receptacles in servery area.
	2 KIT 3, KIT 6, KIT 8	Provide one (1) GFI duplex receptacle.
	3 KIT 7 - Office	Provide one (1) quadraplex receptacle (w/data) adj to desk area and one (1) duplex receptacle (w/data). Provide one (1) quadraplex receptacle (w/data) on rear wall. Provide junction box in office and in kitchen area for office phone chime capability.
	4 KIIT 10, KIT 11	Provide junction boxes and motor rated toggle switches for lights, switch, and door heater.
	5 KIT 5 - Laundry, Locker	Provide one (1) special purpose receptacle:and one (1) duplex receptacle for washer and dryer. Provide one (1) GFI duplex receptacle for general use.
	6 CAF 1 - Cashier	Provide per each serving line: One (1) duplex receptacle (w/data), two (2) special purpose receptacles. Provide multiple special purpose outlets, and GFI duplex receptacles as required per equipment layout.
	7 CAF 1 - Cash Register	Provide flush recessed floor box.
	8 CAF 2 - Stage	Provide two (2) quadraplex receptacles (w/data).
	9 CAF 2 - Projection	Provide two (2) quadraplex receptacles (w/data) for operation of ceiling mounted projector and projector screen.
	10 CAF 3, 4	Provide one (1) duplex receptacle in storage room.
	11 CAF 4	Provide one (1) duplex receptacle for amplifier equipment in storage room.
Clock:		
	1 KIT 1	Provide one (1) wall mounted clock outlet.
	2 CAF 1	Provide two (2) wall mounted clock outlets, or as required per layout.
Intercom:		
	1 KIT 7	Provide two-way intercom system w/wall mounted call button and ceiling mounted speaker.
	2 KIT 1, CAF 1	Provide wall mounted intercom (high security) station(s); quantity as required per layout.
Data:		
	1 KIT 7 - Office	Provide one (1) combination voice/data outlet adj to each quadraplex receptacle. Provide one (1) point of service (POS) data outlet adj. to duplex receptacle. Provide one inch (1") electrical conduit to POS in Cafeteria.
	2 CAF 1 - Portable Sound	Provide one (1) data outlet adj to quadraplex receptacle.
	3 CAF 2 - Stage	Provide one (1) combination voice/data outlet adj to each quadraplex receptacle.
TV:		
	1 CAF 1, CAF 2	Provide two (2) wall mounted television outlets.
Telephone:		
	1 KIT 7	Office Telephone Chime: Provide and mount junction box at 72" AFF for Phone Chime outside of KIT 7 (Office), in view from kitchen area.

Reader:

- 1 KIT 1 - Entry Door Provide one (1) card reader at main entry door to kitchen area.

Security:

- 1 KIT 1 - Entry Door Provide magnetic door position switch.
- 2 KIT 1 - Entry Door Provide electric strike.
- 3 KIT 1 - Entry Door Provide power supply for access control.
- 4 CAF 1 - Exterior Doors Provide magnetic door position switch.

Sound:

- 1 CAF 1 - Speakers Provide cafetorium sound system speaker(s), and sound system speaker jacks at stage end of cafetorium.
- 2 CAF 2 - Speakers Provide two (2) sound system monitor speaker jacks, and two (2) sound system local intercom jacks.
- 3 CAF 2 - Microphone Provide three (3) ceiling mounted microphone receptacle(s). Provide double gang box w/single gang plaster ring and 3/4" conduit stubbed up above accessible ceiling.
- 4 CAF 5 - Microphone Provide four (4) wall mounted microphone receptacle(s). Provide double gang box w/single gang plaster ring and 3/4" conduit stubbed up above accessible ceiling.
- 5 CAF 1 - Portable Sound Provide one (1) quadraplex receptacle (w/data) for portable sound system equipment.
- 6 CAF 1 Provide cafetorium sound system amplifier.

Other:

- 1 All Spaces Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
- 2 All Spaces Technology Infrastructure: Reference Instructional Technology requirements.
- 3 All Spaces Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

*Coordinate kitchen equipment power requirements w/kitchen consultant and DeKalb County School District.

Plumbing:

- 1 KIT 6 Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.
- 2 KIT 1, 1a, 2 Provide sloped floor and floor drains as required for ease of cleaning floor surfaces.

HVAC:

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

Acoustics

- 1 All spaces See Finishes section above regarding ceiling tile in cafetorium and kitchen areas.
- 2 KIT 1, CAF 1 Extend CMU walls to structural deck around cafetorium and kitchen.
- 3 CAF 2 Provide acoustical treatment (i.e. suspended acoustical panels) at stage areas.
- 4 All Spaces Provide acoustical separation in compliance with ANSI standards for schools.

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors except toilets. Refer to Design Guidelines for door hardware requirements.
- 3 Provide interior windows in KIT 2 w/ view of Cafetorium CAF 1.

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 essential components needed to maintain the school infrastructure and operations such as custodial, main building storage, mechanical/electrical equipment, data/telephone equipment and restroom facilities .

Activity / Space						
Space No.	Room Name		NSF	Qty	TSF	Adjacency
Storage:						
BS 1	Book Storage Rooms		200	3	600	Locate 1 per floor.
BS 1a	Laptop Cart Storage (Assumes 3 story school)		200	3	600	Locate 1 per floor (40 carts per school).
BS 2	Maintenance Equipment Storage (exterior)		175	1	175	Lawn equipment storage.
BS 3	Janitor / General Building Storage		250	1	250	
Custodial:						
BS 4	Main Custodial Supply Room		150	1	150	
BS 5	Branch Custodial Rooms		70	2	140	
BS 6	Office (Custodian)		120	1	120	
BS 7	Custodian Workroom		250	1	250	
Building Mechanical & Electrical Services:						
BS 8	Main Mechanical Room		580	1	580	
BS 9	Branch Mechanical Rooms		0	0	0	Size & quantity per system design.
BS 10	Main Electrical Room (incl. electrical closet)		230	1	230	
BS 11	Branch Electrical Rooms		70	3	210	
BS 12	Main Distribution Frame Room (MDF)-incl. CTSS Office		175	1	175	Locate per cabling requirements.
BS 13	Intermediate Distribution Frame Room (IDF)		50	3	150	Locate per cabling requirements.
BS 13	Intermediate Distribution Frame Room (IDF)		30	4	120	Locate per cabling requirements.
BS 14	Mechanical/Electrical Plant		840	1	840	Outdoor Mechanical Yard (See HVAC)
Restrooms: (3-story school)						
BS 15	Multi-fixture (Battery) Restrooms - Boy's		370	8	2,960	
BS 15	Multi-fixture (Battery) Restrooms - Girl's		275	8	2,200	
BS 16	Staff Restrooms		56	6	336	2 per floor
BS 17	Visitor Toilet		60	1	60	One (1) unisex near main entrance lobby
					Total Area SF	10,146

Note: Room quantities assume 3 story structure.

Equipment

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

Item	Room Location	Size (wxh)	#/RM	
MB	BS 6, BS 7	4' x 4'	1	
TB	BS 6, BS 7	4' x 4'	1	
M/B	BS 4, BS 5	4' x 4'	1	
MS	BS 5		1	OP.
SS	BS 3, BS 4, BS 5		1	
HS	BS 7		1	
SD	BS 3, BS 4, BS 5, BS 7		1	
PTD	BS 3, BS 4, BS 5, BS 7		1	
CT	BS 17		1	

CLF	BS 14	8" H	-	Provide fence w/ barbed wire top.
MB - Marker Board	OP - Owner Provided	MS - Metal Shelving Units	M/B - Mop and Broom Holder	
TB - Tack Board	CLF - Chain Link Fence	SD - Soap Dispenser	SS - Service Sink	
	CT - Changing Table	PTD - Paper Towel Dispenser	HS - Hand Sink	

Finishes

Walls:	a All Spaces	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b BS 15, 16, 17	Provide full height ceramic tile on "wet walls".
Floors:	a	Provide vinyl composition tile w/ 4 " rubber base in all spaces, except as noted below.
	b BS 2, BS 8 - BS 13	Provide sealed concrete w/ 4 " rubber base.
	c BS 15, 16, 17	Provide ceramic tile (CT) w/ceramic base.
Ceilings:	a	Provide 2x2 standard acoustical ceiling tile in all spaces, except as noted below.
	b BS 2, BS 8 - BS 13	Provide exposed structure.
	c All Spaces	Provide 2x4 fluorescent fixtures in all spaces, except as noted below.
	d BS 2, BS 8 - BS 13	Provide chain hung linear fluorescent fixtures.
	d All Spaces	Provide minimum 10'-0" ceiling height in rooms with ACT ceilings.

Casework

	Room Name	Unit Type	Qty	(wxdxh)	Notes
BS 1	Book Storage	Adjustable Shelves	50 LF	12" D	5 tier, wall mounted on standards.
BS 3	Gen.Building Storage	Adjustable Shelves	290 LF	12" D	5 tier, wall mounted on standards.
BS 4	Main Custodial	Adjustable Shelves	38 LF	16" D	4 tier, wall mounted on standards.
BS 7	Custodian Workroom	Adjustable Shelves	26 LF	16" D	2 tier, wall mounted on standards above casework.
		Countertop* (w/2 open areas)	26 LF	24dx34h	Continuous at all base cabinets.
		Base Cabinet (single door)	2	18x24x34	w/ 1 adjustable shelf.
		Base Cabinet	1	18x24x34	w/ 4 drawers.

*Provide backsplash at all countertops.

*BS 7 Countertop: Provide double layer 3/4" plywood w/3/4 " hardwood edge. Finish w/3 coats polyurethane. Provide 2x4 perimeter support.

Utilities

Utility	Location	
Electrical:		
Power:	General	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
	1 BS 2 - Storage (exterior)	Provide motor rated toggle switch for roof exhaust fan.
	2 BS 3	Provide one (1) duplex receptacle.
	3 BS 4	Provide one (1) GFI duplex receptacle.
	4 BS 5	Provide motor rated toggle switch for exhaust fan, one (1) GFCI duplex receptacle, water heater and pump.
	5 BS 7	Provide four (4) duplex receptacles, mounted above counter.
	6 BS 8	Provide multiple panel/cabinet systems as required. Design room to accommodate future equipment. Provide multiple GFCI duplex receptacles as required by equipment specified.
	7 BS 10	Provide automatic transfer switch equipment, transformer panels, lighting control panels, primary & secondary transformer disconnect equipment, and breaker panelboards. Design room to accommodate future panelboards and transformers. Provide within this room, another secured room containing disconnect switch equipment, fire alarm panel, and transformers as required. Provide combination of quadraplex and GFI duplex receptacle(s) as required. Provide 3/4" plywood backboard where required.
	8 BS 11	Provide panelboards and transformers. Provide duplex receptacles as required (i.e. panelboards, transformer etc. equipment), and junction box for secondary clock power supply.
	9 BS 12	Provide electrical conduit (i.e. security system roof antenna, condensate pump, connection ground bar) and 3/4" plywood backboard for security and telephone/data equipment backboard. Provide ladder tray and rack system to support equipment.

backboard for security and telephone/data equipment backboard. Provide ladder tray, and rack system to support equipment.

10	BS 13	Provide 3/4" thick plywood backboard on wall surfaces. Provide one (1) quadraplex and two (2) double duplex receptacles, and one (1) telephone outlet; or as required. Provide ladder trays, rack system necessary to support equipment. (i.e. intercom console, TV splitter; clock system, fire alarm and security junction boxes etc..)
11	BS 15, 16, 17 - Toilet	Provide one (1) GFI duplex receptacle.
Clock:		
1		None.
Intercom:		
1	BS 8, 10, 12	Provide two-way intercom system w/wall mounted call button and ceiling mounted speakers.
2	BS 15	Provide multiple intercom speakers, ceiling mounted.
Fire Alarm:		
1	BS 15, 16, 17	Provide wall mounted Fire Alarm (visual) ADA approved devices per applicable codes.
2	BS 8, 10, 11, 12, 15	Provide wall mounted Fire Alarm (audio/visual) device with wire guard, per applicable codes.
Sensor:		
1	BS 12	Provide one (1) ceiling mounted motion sensor w/ dbl. gang junction box w/ single gang plaster ring located in accessible ceiling.
Detector:		
1	BS 8, 10, 11, 12, 13,	Provide one (1) fire alarm smoke detector.
2	BS 8	Provide fire alarm pull station.
Other:		
1	All Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
2	All Spaces	Technology Infrastructure: Reference Instructional Technology requirements.
3	All Spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.
Plumbing:		
1	BS 3, BS 4, BS 5	Provide floor sink (service sinks) in main and branch custodial closets with hot and cold water.
2	BS 16	Provide one (1) floor-mounted flush valve WC and one (1) lavatory per toilet room. Room shall be ADA compliant.
3	BS 15, 16, 17	Provide number of fixtures in restrooms as required by code for population served. Provide one (1) wall hydrant in each multi-fixture restroom. All toilet rooms shall be ADA compliant.
4	General	Provide electric water coolers distributed throughout building as required by code for population served.
5	General	Provide proper sloping of floor and drain for ease of cleaning.
HVAC:		
1	All Spaces	Provide limited-range temperature control.
2	General	Refer to Design Guidelines for HVAC requirements.
3		Provide dedicated climate control.
4	BS 14	Mech./Elec. Plant - Includes power company transformer, generator, cooling tower, trash compactor. Coordinate requirements w/Owner.

Acoustics

1	Equipment Rooms	Provide full height CMU walls around equipment rooms and sound isolation mounts for equipment subject to vibration to achieve sound containment.
2		Provide acoustical separation in compliance with ANSI standards for schools.

General Notes

1	Multi-fixture restrooms must be sized for core FTE capacity of 1,200.
2	Refer to Design Guidelines for window system and glazing requirements.
3	Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
4	The Mechanical/Electrical Plant (Outdoor Mechanical Yard) includes Transformer, Generator, Cooling Tower, Sand Filter.

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	Art Terrace		1	0	Provide direct access from Art Lab
OS 2	Trash Compactor Enclosure (Area)		1	0	
OS 3	Central Court Yard		1	0	
OS 4	Parent Drop Off and Main Courtyard		1	0	
OS 5	Bus Courtyard		1	0	
Total Area SF				0	

Equipment

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

Item	Room Location	Size (wxh)	#/RM
GR	OS 1		1
WR	OS 3		1
WR	OS 5		2
ELTG	OS 1, 2, 3, 4, 5		-
BR	OS 3		1
BR	OS 5		3

GR - Guard Rail

WR - Waste Receptacle

BR - Bicycle Rack

ELTG - Exterior Lighting

Finishes

Walls: a OS 1 Provide low masonry enclosure and guard rail wall around perimeter of terrace.
 OS 3 Provide concrete seat wall.

Floors: a OS 3 Provide concrete (float and broom) paving finish with brick pavers.

Ceilings: a OS 1 Provide building overhang for shading.

Casework

Space No.	Room Name	Unit Type	Qty	(wxhx)	Notes
	NONE				

Furniture

Space No.	Room Name	Unit Type	Qty	(wxhx)	Notes
OS 3	Central Court Yard	Picnic Tables	4		OP
		Concrete Bench	6		

Utilities

Utility **Location**

Electrical:

- 1 OS 1 Provide three (3) weather proof GFI duplex receptacles.
- 2 OS 1 - Door to patio Provide magnetic door position switch.

Plumbing:

- 1 OS 1 Provide sloped terrace and area drain(s) as required.
- 2 OS 2 NONE

HVAC:

- 1 NONE

Acoustics

- 1 NONE

General Notes

- 1 Provide direct access from Art Lab to outdoor patio areas.
- 2 Refer to Design Guidelines for additional site requirements.
- 3 Refer to Design Guidelines for exterior lighting requirements.

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	Team Dugout (@ softball field)	240	2	480	Softball Field
SF 3	Coaches Box (@ softball field)		2	0	Softball Field
SF 4	Athletic Storage Building	672	1	672	Football / Soccer Field
SF 5	Football / Soccer Field		1	0	
SF 6	Running Track		1	0	
SF 7	Play Soccer Field		1	0	
SF 8	Tennis Courts		2	0	
Total Area SF				1,152	

Equipment

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

Item	Room Location	Size (wxh)	#/RM	Notes
BPM	SF 1			Provide bases, home plates, pitchers mound.
CLF	SF 1	16' H		Provide fence @ backstop.
CLF/WS	SF 8	12' H		Provide fence w/ wind screens.
GL	SF 5		1	
DF	SF 4		1	
SB	SF 5		1	OP.
WH	SF 5		1	OP.
ELTG	SF 1, SF 5, SF 6, SF 7, SF 8			
HB	SF 2, SF 4, SF 5			

GL - Goals (Football, Soccer)	CLK - Electronic Wall Clock	BPM - Bases, Plates, Mounds	MB - Mop and Broom Holder
SB - Score Boards	OP - Owner Provided	CLF - Chain Link Fence	MS - Metal Shelving Units
ELTG - Exterior Lighting	DF - Drinking Fountain	HB - Hose Bibbs	CLFWS - CLF w/ Wind Screens
	WH - Water Horse		

Finishes

Walls: a NA

Floors: a NA

Ceilings: a NA

Casework

Space No.	Room Name	Unit Type	Qty	(wxhxh)	Notes
SF 2	Team Dugout	Benches			

Utilities

Utility	Location	
Power:	SF 1 - Scoreboard	Provide weather proof junction box(es) w/electrical conduit; and weather proof duplex receptacles. Coordinate location w/owner. Install per manufacturers recommendations.

Plumbing:

- 1 Refer to Design Guidelines Division 15 - Mechanical for hose bibb requirements.

HVAC:

- 1 None.

Acoustics

- 1 None.

General Notes

- 1 Refer to Design Guidelines Division 2 - Site for playfield and other requirements.
- 2 Refer to Design Guidelines Division 16 - Electrical for sports field lighting requirements.

Section 15.1 - BUSINESS & COMPUTER SCIENCE

General Description

Business & Computer 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. Georgia Performance Standards for these programs are located at www.georgiastandards.com. **Key Adjacency:** Career Technology Labs.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
BCS 1	Lab	1,000	1	1,000	
BCS 2	Office	120	1	120	
BCS 3	Storage	120	1	120	
Total Area SF				1,240	

Equipment

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

Item	Room Location	Size (wxh)	#/RM	Notes
Typical				
MB	BCS 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	BCS 1	8' x 4'	1	OP. Center on teaching wall.
TB	BCS 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	BCS 1	12' x 4'	1	Locate above computer stations.
MS	BCS 3	4x2x7	3	
CMP	BCS 1		30	OP. Center on teaching wall.
CLK	BCS 1		1	Locate at teaching wall.
PSH	BCS 1		1	OP - General Contractor to provide blocking.

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (student)	MS - Metal Shelving Units

Finishes

Walls:	a BCS 1	Provide paint finish. Refer to Design Guideline for sheen. Water base, low VOC paints are preferred.
	b BCS 2	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.
	b All Spaces	Provide 2x4 fluorescent fixtures.
	c All Spaces	Provide minimum 10'-0" ceiling height.

Casework

Space No.	Room Name	Unit Type	Qty	(wx)dxh)	Notes
BCS 1	Lab	1 Teachers Cabinet (lockable)	1	3'x2'x7'	
		Shelving Unit (open front)	1	4'x1'x7'	

Utilities

Utility	Location	Notes
Electrical:		
1	All Spaces	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
2	Teaching Wall	Reference Instructional Technology Required Specifications in the Design Guideline.
3	Computer Area	Reference Instructional Technology Required Specifications in the Design Guideline.
4	BCS 1	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.

- 5 BCS 1 Refer to Design Guideline Division 16 for lighting and other electrical system requirements.
- 6 BCS 1 Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

- 1 None.

HVAC:

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

Acoustics

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

General Notes

- 1 Refer to Design Guidelines for window system and glazing requirements.
- 2 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.

Section 15.2 - ENGINEERING & TECHNOLOGY

General Description

Engineering & Technology program 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. Georgia Performance Standards for these programs are located at www.georgiastandards.com. **Key Adjacency: Career Technology Labs.**

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
ETECH 1	Classroom	800	1	800	ETECH 2
ETECH 2	Lab	1,700	1	1,700	
ETECH 3	Office	145	1	145	
ETECH 4	Teacher Prep/Woodworking	300	1	300	
ETECH 5	Audio/Radio Room	100	1	100	
ETECH 6	Video Broadcasting Room	150	1	150	ETECH 7
ETECH 7	Broadcast Control Room	150	1	150	
ETECH 8	Storage Room	150	1	150	

Classroom sized for 34 students. Minimum required area for students = 680-sf net based on 20-sf/person. Provides 120-sf for Teacher's desk, bookshelves, storage cabinets, computer tables, etc. Lab sized for 34 students. Minimum required area for students = 1,700-sf net based on 50-sf/person.

Total Area SF	3,495
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Equipment

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

Item	Room Location	Size (wxh)	#/RM	#/RM
MB	ETECH 1	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	ETECH 1	8' x 4'	1	OP. Center on teaching wall.
TB	ETECH 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	ETECH 1	12' x 4'	1	Locate above computer stations.
PP	ETECH 2, ETECH 4		Varies	
TVH	ETECH 6		-	OP.
STL	ETECH 6		Varies	
VC	ETECH 5, ETECH 6		-	OP.
FE	ETECH 2		1	
MR	ETECH 2		1	
CMP	ETECH 2		-	OP - Refer to Instructional Technology requirements.
CLK	ETECH 2		1	Locate at teaching wall.
SC	ETECH 2		1	OP. Ceiling mounted.
PSH	ETECH 2		1	OP - General Contractor to provide blocking.

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (student)	SC - Surveillance Camera
MR - Microphone receptacle (duplex)	SPH - Steel Pipe Handrail	PP - Power Poles	STL - Studio Lighting
FE - Fire Extinguisher (wall mtd.)	TVH - TV Headend Equipment	VC - Volume Control 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 ETECH 2, 4, 8	Provide vinyl composition tile w/ 4 " rubber base.

- b ETECH 1 Provide tiered (4 level) seating area. (Light weight concrete w/metal decking.) Provide steel pipe handrail set in concrete subfloor, and rubber riser and tread.
- c ETECH 1, 3, 5, 6, 7 Provide carpet tile w/ 4 " rubber base.

- Ceilings:
- a All Spaces Provide 2x2 standard acoustical ceiling tile.
 - b All Spaces Provide 2x4 fluorescent fixtures.
 - c ETECH 6 Provide studio lighting conducive to broadcasting activities.
 - d All Spaces Provide minimum 10'- 0" ceiling height.

Casework

Space No.	Room Name	Unit Type	Qty	(wxdxh)	Notes	
ETECH 2	Lab	Teachers Cabinet (lockable)	1	3'x2'x7'		
		Storage Cabinet (lockable)	1	3'x2'x7'		
ETECH 4	TP/ Woodworking	Work Counter* (w/knee space)	18 LF	1	24dx34h	w/ 5' wide knee space beneath.
		Base Cabinet		4	24x24x34	w/ 4 drawers.
		Base Cabinet (double door)		2	30x24x34	w/ 1 adjustable shelf.
		Upper Cabinet (double door)		4	30x12x30	w/ 1 adjustable shelf.
		Countertop*	10' LF			Continuous at all base cabinets.
		Base Cabinet (double door)		4	30x24x34	w/ 1 adjustable shelf.
ETECH 7	Broadcast Control Rm	Work Counter* (w/knee space)	8 LF	1	30' H	w/ 5' wide knee space beneath.**
		Base Cabinet		2	18x24x30	w/ 2 drawers.
ETECH 8	Storage Room	Adjustable Shelves	72 LF		12" D	4 tier, wall mounted on standards.
		Adjustable Shelves	112 LF		16" D	4 tier, wall mounted on standards.

*Provide backsplash at all countertops.

**Provide grommets, ETECH 7 work counter.

Furniture

	Room Name	Unit Type	Qty	(wxdxh)	Notes
ETECH 1	Classroom	Fixed Audience Seating	34		
ETECH 2	Lab	Technology Computer Lab Casework	14	84x84x84	Single Workstation (2 person)
ETECH 2	Lab	Workstation	5	60x24	Single Workstation (1 person)

Utilities

Utility Location

Electrical:

Power: General Lab Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.

- 1 ETECH 2-Sys. Furniture Provide all power connections to modular furniture.
- 2 ETECH 4 Provide six (6) quadruplex receptacles @ work counter areas. Provide one (1) quadruplex receptacle (w/data).
- 3 ETECH 5, ETECH 7 Provide two (2) double duplex receptacles (w/data) and two (2) duplex receptacles.
- 4 ETECH 6 Provide six (6) double duplex receptacles (w/data) and one (2) duplex receptacle, two (2) cable outlets.
- 5 ETECH 8 Provide two (2) duplex receptacle in storage room.

Intercom:

- 1 ETECH 1 ,3, 4 Provide two-way intercom system w/wall mounted call button and ceiling mounted speakers.

Sound:

- 1 ETECH 2, ETECH 5 Provide intercom speakers as required, ceiling mounted.
- 2 ETECH 8 Provide one (1) sound system amplifier.
- 3 ETECH 5, 6, 7 Provide power as required for wall mounted volume control equipment. (Coordinate w/Owner.)

Data:

- 1 ETECH 2-Sys. Furniture Provide voice/data connections to modular furniture. Stub electrical conduit above accessible ceiling, size as required.

- 2 ETECH 4 Provide one (1) data outlet.
- 3 ETECH 5, ETECH 7 Provide one (1) data outlet per each double duplex receptacle.
- 4 ETECH 6 Provide one (1) data outlet per each double duplex receptacle.
- 5 ETECH 6 Provide two (2) wall mounted television outlets, w/connection to TV headend located in ETECH 5.

Other:

- 1 All Spaces Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
- 2 All Spaces Technology Infrastructure: Reference Instructional Technology requirements.
- 3 All Spaces Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

- 1 None.

HVAC

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

Acoustics

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

General Notes

- 1 Provide exterior window for each classroom.
- 2 Refer to Design Guidelines for window system and glazing requirements.
- 3 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 4 Provide interior windows between ETECH 5, ETECH 7; ETECH 7, ETECH 6; and ETECH 3, ETECH 4.
- 5 Provide interior windows in ETECH 3 and ETECH 4 to provide view of ETECH 2 lab.
- 6 Provide double door access/entry to ETECH 1.
- 7 ETECH 7 (Video Broadcasting Room) provides the venue for broadcasting and includes filming equipment. Provide overhead lighting to facilitate the broadcast process.

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. **Key Adjacency:** Career Technology Labs.

Activity / Space

Space No.	Room Name	NSF	Qty	TSF	Adjacency
FCS 1	Lab	1,880	1	1,880	
FCS 2	Storage Closet	120	1	120	
Total Area SF				2,000	

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	4' x 4'	2	Locate at opposite ends of IB on teaching wall.
IB	FCS 1	8' x 4'	1	OP. Center on teaching wall.
TB	FCS 1	4' x 4'	1	Locate adjacent to MB on teaching wall.
TB	FCS 1	12' x 4'	1	Locate above computer stations.
CMP	FCS 1		-	OP - Refer to Instructional Technology requirements.
CLK	FCS 1		1	Locate at teaching wall.
PSH	FCS 1		1	OP - General Contractor to provide blocking.
CT	FCS 1		1	Teacher Demo Workstation - electric cooktop
DW	FCS 1		0	
W/D	FCS 1		1	
REF	FCS 1		2	
TC	FCS 1		1	
SD	FCS 1		-	Locate at each sink.
PTD	FCS 1		-	Locate at each sink.
RGE	FCS 1		3	Student Kitchen Demo areas. (electric)
RGE	FCS 1		1	Teacher Demo Workstation. (gas)
EH	FCS 1		3	Student Kitchen Demo areas.
EH	FCS 1		1	Teacher Demo Workstation
SK2	FCS 1		2	Student Kitchen Demo areas.
SK2	FCS 1		1	Teacher Demo Workstation
SK2A	FCS 1		1	Student Kitchen Demo areas.
MI	FCS 1		1	Teacher Demo Workstation

MB - Marker Board	CLK - Electronic Wall Clock	IB - Interactive Board	PSH - Pencil Sharpener (wall mtd.)
TB - Tack Board	OP - Owner Provided	CMP - Computers (student)	W/D - Washer, Dryer (individual)
EH - Exhaust Hood	RGE - Electric Range, ADA	MS - Metal Shelving Units	MI - Mirror (swiveling)
CT - Demo Table w/ Cook Top (Elec.)	SK2 - Double bowl sink	REF - Refrigerator	SD - Soap Dispenser
MPS - Master Power Switch	SK2A - Dbl. bowl sink, ADA	TC - Trash Compactor	PTD - Paper Towel Dispenser
DW - Dishwasher			

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.

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

b All spaces: Provide 2x4 fluorescent fixtures.

Space No.	Room Name	Unit Type	Qty	(wx dxh)	Notes
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Wall 1:						
FCS 1 (Student Kitchen Demo Areas)	Lab	Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	1	24x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (double door)	3	32x24x34	w/ 1 adjustable shelf.	
		Base Cabinet	1	18x24x34	w/ 4 drawers.	
		*Leave opening between sets of casework for location of range & range hood.				
		Upper Cabinet (single door)	2	18x12x24	w/ 1 adjustable shelf.	
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (single door)	1	18x24x34		
		Base Cabinet (double door)	1	42x24x34	w/ sink (double bowl).	
		Base Cabinet	1	18x24x34	w/ 4 drawers.	
		*Leave opening between sets of casework for location of range & range hood.				
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	2	32x24x34	w/ 1 adjustable shelf.	
		Base Cabinet	1	18x24x34	w/ 4 drawers.	
Wall 2:						
		Upper Cabinet (double door)	1	24x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	1	24x24x34	w/ 1 adjustable shelf.	
*Leave opening between sets of casework for location of range & range hood.						
		Upper Cabinet (double door)	1	36x12x30	w/ 1 adjustable shelf.	
		Upper Cabinet (double door)	1	42x12x24	w/ 1 adjustable shelf.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet	1	18x24x34	w/ 4 drawers.	
		Base Cabinet (single door)	1	18x24x34		
		Base Cabinet (double door)	1	42x24x34	w/ sink (double bowl).	
Wall 3:						
		Countertop* (open beneath)	44 LF	-	Provide supports @ 5"-0" on center, max.	
		Countertop*		-	Continuous at all base cabinets.	
		Base Cabinet (double door)	1	42x24x34	w/ sink (double bowl).	
		Base Cabinet (single door)	1	18x24x34		
		Base Cabinet	1	18x24x34	w/ 4 drawers.	
		Base Cabinet (double door)	1	32x24x34	w/ 1 adjustable shelf.	
		Base Cabinet (single door)	1	18x24x34		
FCS 1	Lab	Swiveling Mirror	1		Mounted above base cabinets.	
(Teacher Demo Workstation)		Base Cabinet (double door)	2	32x24x34	w/ 1 adjustable shelf.	
*Leave opening between sets of casework for location of range & range hood.						
FCS 2	Storage Closet	Storage Cabinet (lockable)	2	3'x2'x7'		
		Adjustable Shelves	24 LF	10" D	4 tier, wall mounted on standards.	
		Adjustable Shelves	60 LF	16" D	4 tier, wall mounted on standards.	

*Provide backsplash at all countertops.

Utilities

Utility	Location	
Electrical:	General Lab	Provided electrical outlets @ 12' max spacing w/not less than one (1) duplex receptacle per wall, or as required by code. This is in addition to Instructional Technology Requirements.
1	FCS 1 - Teacher Demo	Provide one (1) GFI duplex receptacle. Mount flush in cabinet side. Provide one (1) wall mounted special receptacle @ range.
2	FCS 1 - Washer, Dryer	Provide and coordinate NEMA special receptacle w/specified equipment. Provide one (1) double duplex receptacle, wall mounted.
3	FCS 1 - Ranges	Provide special receptacles, motor rated toggle switch(s) and junction box(es) for appliances.
4	FCS 1 - Student Demo	Provide one (1) GFI duplex receptacle, @ 8' max spacing, mounted above counter.
5	FCS 2 - Storage	Provide one (1) duplex receptacle in storage room.
6	All Spaces	Intercom / Fire Alarm / Motion Sensor: Reference Division 16 - Electrical in the Design Guideline.
7	All Spaces	Technology Infrastructure: Reference Instructional Technology requirements.
8	All Spaces	Refer to Instructional Technology Required Specifications in the Design Guideline Appendix for technology infrastructure, power, data, cabling, and voice/data requirements.

Plumbing:

1	FCS 1	Provide three (3) 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.

HVAC:

1	FCS 1	Provide exhaust hood at each stove in lab area.
2	FCS 1	Provide dryer exhaust.
3	All Spaces	Provide limited-range temperature control.
4	All Spaces	Refer to Design Guidelines for system requirements.

Acoustics

1	All Spaces	Provide acoustical separation in compliance with ANSI standards for schools.
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General Notes

- 1 Provide exterior window for each classroom.
- 2 Refer to Design Guidelines for window system and glazing requirements.
- 3 Provide locks on all doors. Refer to Design Guidelines for door hardware requirements.
- 4 Provide double door access/entry to FCS 1.

APPENDIX A

MIDDLE SCHOOL - Square Footage Summary

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MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
Section 01	Classroom Type I - (Eng., Math, SS, World Lang., ISS)	74 IU's	FTE 1200 (74 IU's)			
CR1 1	English	14	9240	900	14	12600
CR1 1	Mathematics	14	9240	900	14	12600
CR1 1	Social Studies	13	8580	900	13	11700
CR1 1	World Language	2	1320	900	2	1800
CR1 1	In School Suspension	1	660	900	1	900
	Total NSF	44	29040			39600
Section 02	Classroom Type II - (Science)					
SC 1	Science Labs	13	13000	1000	13	13000
SC 2	Prep/Storage Room		0	250	6.5	1625
	Total NSF		13000			14625
EDUCATIONAL COMMON SPACES						
Section 03	MEDIA CENTER					
MC 1	Reading Room			4100	1	4100
MC 2	Conference Room			300	2	600
MC 3	Office			150	2	300
MC 4	Periodical Storage			300	1	300
MC 5	A/V Equipment Storage			500	1	500
MC 6	Workroom (incl. toilet)			500	1	500
MC 6a	Staff Toilet			0	1	0
MC 7	Vestibule (internal circulation)			0	2	0
	Total NSF	1	4800			6300
Section 04	ART					
ART 1	Art Lab			1650	1	1650
ART 2	Storage			250	1	250
ART 3	Kiln Room (2 kilns)			100	1	100
	Total NSF	1	1800			2000
Section 05	MUSIC					
	INSTRUMENTAL (Band / Orchestra)					
MUS 1	Instrumental/Band Room			2500	1	2500
MUS 2	Instrument Storage			210	1	210
MUS 3	Percussion Storage			150	1	150
MUS 4	School Instrument Storage			150	1	150
MUS 5	Office (Band)			150	1	150
MUS 5	Office (Orchestra)			150	1	150
MUS 6	Orchestra Classroom			1750	1	1750
MUS 7	Orchestra Storage			100	1	100
	Instrumental Subtotal	1	1400			5160
	CHORAL (Choral / Key Boarding)					
MUS 8	Chorus Classroom			950	1	950
MUS 9	Office (Chorus)			150	1	150
MUS 10	Keyboard Classroom			990	1	990
MUS 11	Keyboard Storage			150	1	150
	Choral Subtotal	1	1200			2240
	SHARED SPACE:					
MUS 12	Practice Room (Chorus)			90	1	90
MUS 12	Practice Rooms (Orchestra + Band)			90	2	180
MUS 13	Music Suite Corridor (internal circulation) - 10 %			250	1	250
						520
	Total NSF	2	2600			7920

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations						
Activity / Space		DOE Minumum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
Section 06	SHARED LABS (3)					
SL 1	Computer Reading Lab		0	1000	1	1000
SL 1 a	Testing Room (Computer Reading Lab)		0	150	1	150
SL 2	English Technology Lab (Writing Lab)		0	850	1	850
SL 2	Math Lab		0	800	1	800
	Total NSF	0	0			2800
Section 07	HEALTH & PHYSICAL EDUCATION					
	Gymnasium:					
PE 1	Gymnasium			11830	1	11830
PE 2	Gym Lobby			170	1	170
						12000
	Boys:					
PE 3	P.E. Locker Room			0	1	0
PE 3 a	Vestibule (PE Locker Room)			35	2	70
PE 4	Toilet			0	1	0
PE 4 a	Showers			0	1	0
PE 5	Athletic Locker Room			0	1	0
PE 5 a	Vestibule (Athletic Locker Room)			35	2	70
						140
	Girls:					
PE 6	P.E. Locker Room			0	1	0
PE 6 a	Vestibule (PE Locker Room)			35	2	70
PE 7	Toilet			0	1	0
PE 7 a	Showers			0	1	0
PE 8	Athletic Locker Room			0	1	0
PE 8 a	Vestibule (Athletic Locker Room)			35	2	70
						140
	Coach / Support Areas:					
PE 9	Office (Coach)			150	2	300
PE 9 a	Closet			20	2	40
PE 10	Office (P.E.)			150	2	300
PE 11	Staff Toilet ((incl. shower)			75	2	150
PE 11 a	Staff Shower			0	2	0
PE 12	Gym Concessions (Incl. 65 sf closet)			200	1	200
PE 13	Concessions Closet			50	1	50
PE 14	Laundry			150	1	150
						1190
	Wellness:					
PE 15	Health Classroom			1100	1	1100
PE 15 a	Closet			20	1	20
PE 16	Weight Room			500	1	500
						1620
	Storage:					
PE 17	Gym Storage Rooms (general)			100	2	200
PE 18	PE Storage - Girl's side			310	1	310
PE 19	PE Storage - Boy's side			310	1	310
						820
	Total NSF	2	16000			15910
OTHER ESSENTIAL CLASSROOMS						
Section 08	SPECIAL EDUCATION					
SPED 1	Special Ed Classroom (Includes kitchenette)		0	720	1	720
SPED 1 a	Toilet		0	60	2	120

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations						
Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
SPED 2	Special Ed Classroom (Includes kitchenette)		0	720	2	1440
SPED 3	Toilet (Adaptive)		0	250	1	250
	Total NSF	5		3300		2530
SUPPORT SPACES						
Section 09	AUDITORIUM (Ref. Cafetorium - Section 12)					0

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
Section 10	ADMINISTRATION					
	<u>Main Administration Suite (1st floor-Main Entry)</u>					
ADM 1	Reception Lobby (Admin. Suite)			500	1	500
ADM 1 a	Corridor (internal circulation) - 10%			280	1	280
ADM 2	Office (Principals) - incl.closet and 53 sf toilet			400	1	400
ADM 2 a	Closet			10	1	10
ADM 2 b	Restroom			50	1	50
New	Shower				0	0
ADM 3	Office (Bookeeper, Secretary, Attendance)			150	3	450
ADM 4	Conference Room (Incl. operable partition)			300	1	300
ADM 5	Workroom/Mailroom			300	1	300
ADM 6	Records Vault			150	1	150
ADM 7	Supply Room			50	1	50
ADM 8	Faculty Lounge (incl. 2 restrooms @ 46 sf ea.)			400	1	400
ADM 8 a	Restroom			50	2	100
ADM 9	Clinic (Incl. sink area)			180	1	180
ADM 9 a	Clinic Toilet			50	1	50
						3220
ADM 10	Testing Room			385	1	385
	Test Storage			100	1	100
	Data Room			145	1	145
	<u>Satellite Administration Suite: (@ classroom wing)</u>					
ADM 11	Office (Assistant Principal) - Incl. Toilet sf			300	3	900
ADM 11a	Restroom			50	1	50
ADM 12	Office (Receptionist)			150	1	150
ADM 13	Planning Room (No restroom)			300	1	300
						2030
	<u>Miscellaneous</u>					
ADM 14	Transportation Office			150	1	150
ADM 14	SRO Office			150	1	150
ADM 14	Office (General)			150	2	300
ADM 14	Drama Office			150	1	150
ADM 14	Social Psych Office			150	1	150
ADM 15	PTA Closet			20	1	20
ADM 16	Archive Room			150	1	150
						1070
	Total NSF					6320
Section 11	COUNSELING					
CSG 1	Reception Lobby (Counseling Suite)			100	1	100
CSG 1 a	Corridor (internal circulation)- 10 %			165	1	165
CSG 2	Office (LTSE)			150	1	150
CSG 2	Office (Registrars)			150	1	150
CSG 2	Office (Counselors)			150	3	450
CSG 3	Conference Room			350	1	350
CSG 4	Storage/Copy Room			150	1	150
CSG 5	Records Room			150	1	150
	Total NSF					1665
Section 12	SCHOOL NUTRITION					
	<u>Kitchen/Servery Area:</u>					
KIT 1	Kitchen			2125	1	2125
KIT 1a	Dish Wash			350	1	350
KIT 2	Serving Lines (2 serving lines)			1000	1	1000

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
KIT 3	Dry Storage			325	1	325
KIT 4	Can Wash			20	1	20
KIT 5	Laundry / Locker Room			90	1	90
KIT 6	Staff Toilet			70	1	70
KIT 7	Office			120	1	120
KIT 8	Mop Closet			50	1	50
KIT 9	Corridor (internal circulation incl. in KIT 1)			0	1	0
KIT 10	Cooler (walk-in) Incl. in KIT 1			0	1	0
KIT 11	Freezer (walk-in) Incl. in KIT 1			0	1	0
				3000		4150
	Cafetorium:					
CAF 1	Cafetorium (Student Dining)			6000	1	6000
CAF 2	Stage (incl. ramp)			1000	1	1000
CAF 2 a	Stage Ramp			0	1	0

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
CAF 3	Stage Storage			500	1	500
CAF 4	Cafeteria Storage			500	1	500
CAF 5	Portable Stage (720 sf)			1000	1	1000
			4,571			9000
	Total NSF		7571			13150
BUILDING - MECHANICAL, ELECTRICAL, TOILETS, STORAGE						
Section 13	BUILDING SERVICES					
	Storage:					
BS 1	Book Storage			200	3	600
BS 1a	Laptop Cart Storage (Assumes 3 story school)			200	3	600
BS 2	Exterior Maintenance Equipment Storage (Lawn Storage)			175	1	175
BS 3	Janitor / General Building Storage			250	1	250
						1625
	Custodial:					
BS 4	Main Custodial Supply Room			150	1	150
BS 5	Branch Custodial Rooms			70	2	140
BS 6	Office (Custodian)			120	1	120
BS 7	Custodian Workroom			250	1	250
						660
	Building Mechanical & Electrical Services:					
BS 8	Main Mechanical Room			580	1	580
BS 9	Branch Mechanical Rooms - See BS 14, BS 15			0	0	0
BS 10	Main Electrical Room			230	1	230
BS 11	Branch Electrical Rooms			70	3	210
BS 12	Main Distribution Frame (MDF) Room - Data Hub (Ave.)			175	1	175
BS 13	Intermediate Distribution Frame (IDF) Room - Data Closets			50	3	150
BS 13	Intermediate Distribution Frame (IDF) Room - Data Closets			30	4	120
BS 14	Mech./Elec. Plant: (Incl. Transformer, Generator, Cooling Tower, Sand Filter)			840	1	840
						2305
	Restrooms:					
BS 15	Multi-fixture (Battery) Restrooms - Boy's			370	8	2960
BS 15	Multi-fixture (Battery) Restrooms - Girl's			275	8	2200
BS 16	Staff Restrooms			56	6	336
BS 17	Visitor (unisex) Toilet			60	1	60
						5556
	Total NSF					10146
OTHER PROGRAMS:						
Section 15	BASIC CAREER TECHNOLOGY					
Section 15.1	Business & Computer Science					
BCS 1	Lab			1000	1	1000
BCS 2	Office			120	1	120
BCS 3	Storage			120	1	120
		1	1170			1240
Section 15.2	Engineering & Technology					
ETECH 1	Classroom			800	1	800
ETECH 2	Lab			1700	1	1700
ETECH 3	Office			145	1	145
ETECH 4	Teacher Prep / Woodworking			300	1	300
ETECH 5	Audio/Radio Room			100	1	100

DRAFT - APPENDIX A

MIDDLE SCHOOL - Square Footage Allocations

Activity / Space		DOE Minimum		Proposed		
Space No.	Room Name	74 IU's	TSF	NSF	Qty	TSF
GENERAL CLASSROOMS		1200 FTE	1200 FTE	FTE 1200 (74 IU's)		
		A	B	F	G	H
ETECH 6	Broadcast Control Room			150	1	150
ETECH 7	Video Broadcasting Room			150	1	150
ETECH 8	Storage Room			150	1	150
		2	1830			3495
Section 15.3 Family & Consumer Science						
FCS 1	Lab			1880	1	1880
FCS 2	Storage Closet			120	1	120
		1	1270			2000
IT 1	Career Technology Classroom			720	1	720
		1	660			720
	Total NSF	5	4930			7455
Section 16 OPTIONAL PROGRAMS						
Section 16.1 See Shared Labs - Section 06						
			0			
A	Sub-Total Basic Programs: (Net SF)	73	83041			130421
Section 16.1 Optional Programs:						
	Other:		0	0	0	0
	Other:		0	0	0	0
		1	0			0
B	Sub-Total Optional Programs: (Net SF)	1	0			0
C	Total (A+B): Basic + Optional Programs (Net SF)	74	83041			130421
D Public Commons:						
	Entrance Vestibule					0
	Main Lobby					0
	Corridors					0
	Stairs					0
	Elevator					0
						0
	Walls and Circulation @ .345 Net Building Area					44995
E	GRAND TOTAL (C x Grossing Factor 1.345%): Total Building Gross Sq. Footage					175416
Section 14 OUTDOOR AREAS						
Section 14.1 OUTDOOR SPACES						
OS 1	Art Terrace			0	1	0
OS 2	Trash Compactor Enclosure (Area)			0	1	0
OS 3	Central Court Yard			0	1	0
						0
Section 14.2 SITE FACILITIES						
SF 1	Softball Field			0	1	0
SF 2	Team Dugout			240	2	480
SF 3	Athletic Storage Building			672	1	672
SF 4	Football / Soccer Field			0	1	0
SF 5	Play Soccer Field			0	1	0
SF 6	Tennis Courts			0	2	0
						1152
	Total NSF					0

APPENDIX A

MIDDLE SCHOOL - Square Footage Summary

Activity / Space		DOE Minimum		Proposed	
Space No.	Room Name	1200 FTE 74 IU's	TSF	FTE 74	TSF
INSTRUCTIONAL AREAS					
Section 01	CLASSROOM TYPE I	44	29,040		39,600
	English	14	9,240		12,600
	Mathematics	14	9,240		12,600
	Social Studies	13	8,580		11,700
	World Language	2	1,320		1,800
	In School Suspension	1	660		900
Section 02	CLASSROOM TYPE II (Science)	13	13,000		14,625
Section 03	MEDIA CENTER	1	4,800		6,300
Section 04	ART	1	1,800		2,000
Section 05	MUSIC	2	2,600		7,920
	Instrumental (Band / Orchestra)				
	Choral (Choral / Keyboarding)				
Section 06	SHARED LABS	0	0		2,800
Section 07	HEALTH & PHYSICAL EDUCATION	2	16,000		15,910
	Health				
	PE				
Section 08	SPECIAL EDUCATION (Severe and Profound)	5	3,300		2,530
Section 09	AUDITORIUM (Refer to Cafetorium - Section 12)				
SUPPORT AREAS					
Section 10	ADMINISTRATION	0	0		6,320
Section 11	COUNSELING	0	0		1,665
Section 12	SCHOOL NUTRITION				
	Kitchen	0	3,000		4,150
	Cafeteria	0	4,571		9,000
Section 13	BUILDING SERVICES	0	0		10,146
Section 14	OUTDOOR AREAS (See below.)				
OTHER PROGRAMS					
Section 15	BASIC CAREER TECHNOLOGY (CT)	5	4,930		7,455
	15.1 Business & Computer Science	1	1,170		1,240
	15.2 Engineering & Technology	1	1,830		3,495
	15.3 Family & Consumer Science	1	1,270		2,000
	xx.x Career Technology Classroom	1	660		720
A. Sub-total - Basic Programs: Activity/Space (Net SF)		73	83,041	0	130,421
Section 16	OPTIONAL PROGRAMS	1	0	0	0
	Other:				
	Other:				
B. Sub-total - Opt. Programs: Activity/Space (Net SF)		1	0	0	0
C. TOTAL: (Building Interior Net SF)		74	83,041	0	130,421
D. Public Commons					
Grossing Factor: Walls and Circulation @ .345 Net Building Area					44,995
E. GRAND TOTAL: Total Building Gross Sq. Footage					175,416
OUTDOOR AREAS					
Section 14.1	Outdoor Spaces				0
Section 14.2	Site Facilities (Playfields, Softball, Football/Soccer, Track, Tennis)				1,152
					0

APPENDIX B

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

SECTION 03 MEDIA CENTER - FURNITURE & EQUIPMENT

		ROOM NAME											SIZE			NOTES	
		Main Reading Room	Office	Video Production / Distribution Studio	Conference Room	Audio-Visual Non-Print Storage	Workroom										
DEKALB - FF&E														W	L	D	
		Dimensions															
FURNITURE	Classroom:																
	Teacher Desk			1													
	Task Chair			1													
	File Cabinet																
	Student Chair																
	Student Combo Desk																
	Student Table																
	Cot and/or Couch																
	Coat Rack																
	Round Table																
	Administrative:																
	Administrative Desk		1														
	Credenza / Return		1														
	Task Chair		1														
	Guest Chair		2		12												4 - 12 Chairs
	File Cabinet																
	Book Case																
	Rd. Table																
	Library Clerk Desk									1							
	Library Clerk Chair									1							
	Private Office/Reception:																
	Guest Chairs									4							
	Lounge Chair																
	Rd. Conference Table																
Conference Table				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																	
Side Chairs								4									
STORAGE	Bookcase		1														
	Lateral File Cabinet																
	Legal File Cabinet *																
	Letter File Cabinet *		1														
EQUIPMENT	Walkie Talkie Radios																
	Trash Receptacle		1		1												
	Podium Lecturn																
	Counter Top Refrigerator																
	Refrigerator																
	Microwave Oven																
	Coffee Maker																
	Copy Machine w/Stand	1															
	Book Trucks	X															
	TV / DVD (wall mounted)	1															
	Laminator w/ Cabinet																
LCD TV 20"																	
Overhead Projector																	
TECHNOLOGY	DEKALB - MIS																
	Teacher 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	
													W	L	D		
		PE - Teachers Office															
		Health Lab															
DEKALB - FF&E													Dimensions				
FURNITURE	Classroom:																
	Teacher Desk	1		1													
	Task Chair	1		1													
	File Cabinet																
	Student Chair			32													
	Student Combo Desk																
	Student Tables			14*													14 - 16 Tables.*
	Student Open Front Desk																
	Cot and/or Couch																
	Coat Rack																
	Round Table																
	Administrative:																
	Administrative Desk																
	Credenza or Return																
	Task Chair																
	Guest Chair	2															
	File Cabinet	1		1													
	Book Case	1															
Small Table																	
Round Table	1*															Round Table Optional *	
STORAGE	Bookcase																
	Lateral File Cabinet																
	Legal File Cabinet *																
	Letter File Cabinet*																
EQUIPMENT	Walkie Talkie Radios																
	Trash Receptacle	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																	
TECHNOLOGY	Teacher Computer Workstation	1		1													
	Student Computer Workstation			2													
	Printer/Scanner Workstation	1															
	Security Camera	1															
	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)																	

TECHNOLOGY	Printer/Scanner Workstation	1	1		1			1							3			
	Intercom System	1																
	Interactive Board		1*	1*														
	Surveillance Equipment								X									
	Security Cameras								X									
	Telephone			1														

SECTION 11 COUNSELING - FURNITURE & EQUIPMENT

		ROOM NAME										SIZE			NOTES	
		Reception Waiting Area (Lobby)	Attendance Office	Registrar Office	Counselor Office	Records Room	Conference Room	Career Center								
DEKALB - FF&E													W	L	D	
		Dimensions														
FURNITURE	Classroom:															
	Teacher Desk															
	Task Chair															
	File Cabinet															
	Student Chair															
	Cot and/or Couch															
	Coat Rack															
	Administrative:															
	Administrative Desk	1	1	1	1											
	Credenza or Return	1				1*										Credenza w/Hutch.
	Task Chair	1	1	1	1											
	Guest Chair	8*	16*	16*	4*	2		12								4-8 Chairs / 4-16 Chairs/2-4 Chairs*
	File Cabinet	1	2	2	1											
	Book Case	1	1	1	1			3								1-3 Bookcases
	Small Table	1														Small Table Optional *
	Round Table				1*											Round Table Optional *
	Private Office/Reception:															
	Reception Chair															
	Guest Chairs															
	File Cabinets															
	End Table															
	Display Rack	1						4								2-4 Display Racks
	Sofa															
	Executive Desk w/ Bridge															
	Executive Desk															
	Executive Credenza															
	Hutch w/Doors															
	Tack Board / Task Light				1											
	Swivel High Back Chair															
	Swivel Mid Back Chair															
Office Guest Chairs																
Dining Guest Chairs																
Guest Chairs							10*								4 - 10 Side Guest Chairs Optional *	
Lounge Chair																
Rd. Conference Table																
Rd. Dining Table																
Conference Table							1									
Conference Credenza							1									
Conference Chairs							14*								8 - 14 Conference Chairs	
Rectangular Work Table																
Sq. Work Table					1*										Work Table Optional *	
Round Work Table							3*								1-3 Round or Square Tables *	
Side Chairs																
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																
OCY	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*													Includes ceiling mtd. LCD Projector *
	Cable TV Connection					1													
	Telephone																		
	Large Paper Cutter																		
	Copier Machine (small)					1													

SECTION 13 BUILDING SERVICES - FURNITURE & EQUIPMENT

DEKALB - FF&E														W	L	D	NOTES	
ROOM NAME														SIZE			NOTES	
Custodian Office Building Engineer Office General Storage														Dimensions				
FURNITURE	Classroom:																	
	Teacher Desk																	
	Task Chair																	
	File Cabinet																	
	Student Chair (18")																	
	Student Combo Desk																	
	Student Tables																	
	Cot and/or Couch																	
	Coat Rack																	
	Round Table																	
	Administrative:																	
	Administrative Desk	1		1														
	Credenza or Return																	
	Task Chair	1		1														
	Guest Chair	2		2														
File Cabinet	1		1															
Book Case	1		1															
Roll & Fold Student Tables																		
Round Faculty Tables																		
STORAGE	Bookcase																	
	Lateral File Cabinet																	
	Legal File Cabinet *																	
	Letter File Cabinet*																	
	Trash Receptacle	1		1														
	Encore 520 Scrubber						2										Environmental Services.	
	Boost 28" Scrubber (20 gal)						X										Environmental Services.	
	Fusion Battery Burnisher						1										Environmental Services.	
	Battery Maintenance System						X										Environmental Services.	
	Push Lawnmower						X										Environmental Services.	
	Echo Back Pack Blower						X										Environmental Services.	
	Echo PE 230 Comm Edger						X										Environmental Services.	
	Echo 23CC Trimmer						X										Environmental Services.	
	Rotary Cutter						X										Environmental Services.	
	Slow Speed Buffer						X										Environmental Services.	
	3 Speed Blowers						X										Environmental Services.	
	Wet/Dry Vacum (18 gallon)						X										Environmental Services.	
	TECHNOLOGY	DEKALB - MIS																
Teacher Computer Workstation		1		1													Teacher	
Student Computer Workstation																		
Printer/Scanner Workstation		1*		1*													Teacher Printer Workstation *	
Security Camera																		
Microfiche Reader / Printer																		
Fax Machine																		
Intercom System																		
Interactive Board																		
Cable TV Connection																		
Telephone																		
Large Paper Cutter																		
Copier Machine (small)																		

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

DEKALB - FF&E														SIZE			NOTES	
ROOM NAME														SIZE			NOTES	
														W L D				
														Dimensions				
FURNITURE	Classroom:																	
	Teacher Desk																	
	Task Chair																	
	File Cabinet																	
	Student Chair (18")																	
	Student Tables																	
	Cot and/or Couch																	
	Coat Rack																	
	Round Table																	
	Administrative:																	
	Administrative Desk																	
	Credenza or Return																	
	Task Chair																	
	Guest Chair																	
	File Cabinet																	
	Book Case																	
	Roll & Fold Student Tables																	
Round Faculty Tables																		
STORAGE	Bookcase																	
	Lateral File Cabinet																	
	Legal File Cabinet *																	
	Letter File Cabinet*																	
EQUIPMENT	Walkie Talkie Radios																	
	Trash Receptacle																	
	Solid Waste Compactor																	
	Counter Top Refrigerator																	
	Refrigerator																	
	Microwave Oven																	
	Coffee Maker																	
	Vending Machine (Drink)																	
	Vending Machine (Snack)																	
	Laminator w/ Cabinet																	
LCD TV 20"																		
Overhead Projector																		
TECHNOLOGY	DEKALB - MIS																	
	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																		
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