

Facility Assessment Report

This report contains a summary of the results from the facility assessment completed on the date noted in the document footer below. This report will roll-up each assessed item with identical rank and total the quantity into a single line, regardless of item location (for location data, see the detailed report) . Assessors rate each facility item by visual observation only; they do not test the operation of equipment or perform destructive testing of walls, ceilings or floors. Each facility item is ranked on a 7-point scale: rank 7 means the item is in new or in good condition and no work is required while rank 1 means the item has failed and has lead to an immediate life safety condition¹. The remaining ranks choices generally mean that the item requires regular maintenance (rank 5 or 6) or full replacement (rank 2, 3 or 4). For additional detail and definition on rank values as they relate to each assessed item, please visit the "CPS Guide to Biennial Facility Assessments" found on the Facilities Standards webpage under CPS Policies and Guidelines at http://www.cps.edu/About_CPS/Policies_and_guidelines/Pages/facilitystandards.aspx. Definitions for Quantity, Unit, Cost and Campus Total can be found at the end of this report.

Campus Summary				
Building Name	Year Constructed	Number of Floors	Building Area (Sq Ft)	Assessed Need
Main	1946	2	25,168	\$2,284,005
Addition 1	1951	2	10,720	\$565,520
Addition 2	1961	2	27,878	\$1,145,061
Addition 3_Ferguson CPC	1998	2	24,110	\$756,247
SITE				\$237,400
Campus Total			87,876	\$4,988,234

Building: Main

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Entrance Control - Audio and Video	1	EA	7	\$0
	Exterior Doors - Exterior Steel Door	6	EA	6	\$2,883
	Exterior Doors - Exterior Wood Door	1	EA	5	\$1,341
	Exterior Doors - Exterior Wood Door	2	EA	6	\$961
	Exterior Doors - Store Front	2	EA	6	\$1,092
	Exterior Doors - Transom Lite	1	EA	5	\$822
	Exterior Doors - Transom Lite	4	EA	6	\$1,253
	Exterior Stairs - Concrete	52	LF	6	\$4,252
	Exterior Stairs - Concrete	30	LF	7	\$0
	Exterior Stairs - Stone	210	LF	6	\$23,727
	Power Door Operator and Controls	1	EA	7	\$0
	Ramp Handrail - Steel_Ramp Handrail	80	LF	6	\$693
	Ramps - Concrete	40	LF	7	\$0
	Stair Handrail - Steel_Stair Handrail	70	LF	6	\$607

Building: Main

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Foundation					
	Foundation - Concrete	415	LF	7	\$0
	Superstructure - Concrete	25,168	SF	7	\$0
Lighting					
	Exterior Lighting - Parapet or Roof Mounted	7	EA	6	\$3,756
	Exterior Lighting - Wall Mounted	1	EA	6	\$289
Roof System					
	Chimney - Brick Chimney- Concrete/ Mortar Liner	80	LF	6	\$76,375
	Coping - Stone	708	LF	6	\$22,739
	Downspouts - Exterior Downspouts	12	LF	6	\$399
	Downspouts - Interior Downspouts	148	LF	6	\$4,919
	Parapet - Parapet < 16" Height	708	LF	6	\$15,085
	Roof - Asphalt Gravel Ballast	10,608	SF	5	\$250,447
	Roof - Asphalt Gravel Ballast	3,952	SF	6	\$40,181
	Roof Structure - Concrete	14,560	SF	7	\$0
Walls					
	Cheek-Wall - Stone	100	SF	6	\$1,025
	Exterior Walls - Brick	10	SF	4	\$1,647
	Exterior Walls - Brick	600	SF	5	\$14,286
	Exterior Walls - Brick	11,540	SF	7	\$0
	Exterior Walls - Stone-Cut	746	SF	6	\$5,014
Windows					
	Guard - Guards perforated	2,738	SF	6	\$34,964
	Lintels - Steel	4	LF	4	\$1,811
	Lintels - Steel	243	LF	6	\$7,054
	Lintels - Stone	165	LF	6	\$0
	Windows - Insulated Panel	312	SF	6	\$2,329
	Windows - Louver	32	SF	6	\$239
	Windows - Sash Aluminum Double-pane	3,694	SF	6	\$27,574
Building Exterior Subtotal:					\$547,764

Building: Main

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
-------	-------------	----------	------	------	------

Building: Main

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	1	EA	6	\$408
	Emergency A/C Power - Corridors and Stairs	5,921	SF	6	\$1,778
	Emergency Battery Packs - Corridors and Stairs	8	EA	6	\$1,620
	Emergency Battery Packs - Gym	1	EA	4	\$579
	Emergency Battery Packs - Students Toilets	4	EA	6	\$810
	Exit Signs - Corridors and Stairs	9	EA	6	\$1,348
	Exit Signs - Gym	3	EA	6	\$472
	Security System - CCTV	87,876	SF	4	\$314,157
	Security System - Intrusion Detection	87,876	SF	6	\$22,619
Main Service					
	Independent Electrical Service for emergency power	1	EA	6	\$2,921
	Main Electrical Service - 2001 to 3000 A 120/208/3PH	1	EA	7	\$0
	PA System	63,766	SF	6	\$20,973
Power Distribution					
	Lighting and Power Panels - 100 A	2	EA	4	\$9,699
	Lighting and Power Panels - Above 100 A	4	EA	4	\$26,311
	Lighting and Power Panels - Above 100 A	5	EA	6	\$2,485
	Lighting and Power Panels - Above 100 A	1	EA	7	\$0
	Main Distribution Panels - Greater than 600 amp	1	EA	4	\$21,104
	Main Distribution Panels - Greater than 600 amp	2	EA	6	\$1,460
	Main Distribution Panels - Less than 400 amp	1	EA	4	\$8,819
Electrical System Subtotal:					\$437,563

Building: Main

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Panel	1	EA	6	\$6,406
	Fire Alarm Strobe Lights	25,168	SF	4	\$34,191
	Fire Alarm_System	87,876	SF	6	\$42,725
Safty System Subtotal:					\$83,322

Building: Main

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Conditioning					
	Condensing Unit- Roof Mounted - Less than 5 tons	1	EA	6	\$3,334
Air Handling Systems					
	Air Handling Unit- Built Up- Single Zone- Steam Coils - 4000 - 8000 cfm	1	EA	5	\$24,083
	Air Intake	1	EA	5	\$7,471
	Auxiliaries - 4000 - 8000 cfm	1	EA	5	\$13,523
	Reheat Boxes - Reheat Boxes with Steam Coil	6	EA	6	\$6,307
	Return Duct Work - Masonry and Ducts- Missing or Existing Shaft	100	LF	4	\$0
	Zone Dampers	18	EA	6	\$14,995
Boiler Systems					
	Boiler Auxiliary- Scotch Marine- Steam Low Pressure Boiler - 101 - 150 HP	2	EA	5	\$24,345
	Chemical Feed System	1	EA	6	\$1,078
	Combustion Dampers	2	EA	6	\$818
	Feed Water Pumps and Tank	1	EA	4	\$92,964
	Non Condensing- Fire Tube- Scotch Marine- Steam- Low Pressure Boiler - 101 - 150 HP	2	EA	5	\$24,345
	Piping - Condensate Pipe- Steel	210	LF	6	\$396
	Piping - Steam Pipe- Steel	210	LF	6	\$396
	Steam Traps	1	EA	6	\$264
	Vacuum Pump	2	EA	6	\$4,942
Heating Devices					
	Fin Tube - Steam	28	LF	5	\$2,280
	Radiators - Steam	11	EA	5	\$18,428
	Unit Heater - Steam	1	EA	5	\$909
Temperature Control					
	Pneumatic System	25,168	SF	6	\$13,316
	Thermostats - Pneumatic	7	EA	4	\$5,161
	Thermostats - Pneumatic	8	EA	6	\$0
Ventilation					
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	2	EA	4	\$8,489
Mechanical System Subtotal:					\$268,436

Building: Main

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
-------	-------------	----------	------	------	------

Building: Main

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 300001 - 600000 BTU/HR	1	EA	6	\$310
	Hot Water Storage Tank_Gas - 201 - 500 Gallons	1	EA	5	\$2,249
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	25,168	SF	6	\$5,039
	Domestic Piping-Cold Water Horizontal Lines	25,168	SF	6	\$6,118
	Domestic Piping-Cold Water Risers	25,168	SF	6	\$4,679
	Domestic Piping-Hot Water from Risers to Fixtures	25,168	SF	6	\$3,959
	Domestic Piping-Hot Water Horizontal Lines	25,168	SF	6	\$4,679
	Domestic Piping-Hot Water Return Lines	25,168	SF	6	\$3,599
	Domestic Piping-Hot Water Return Risers	25,168	SF	6	\$3,599
	Sanitary Piping	25,168	SF	6	\$23,034
	Storm Piping	25,168	SF	6	\$21,954
	Vent Piping	25,168	SF	6	\$16,915
Pumps					
	Pumps - Domestic Booster Pump-Simplex	2	EA	3	\$50,881
	Pumps - Ejector-Simplex	2	EA	5	\$11,253
Plumbing System Subtotal:					\$158,268

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Office (1 room)					
	AC Units	2	EA	7	\$0
	Casework	9	LF	6	\$227
	Ceiling - Plaster/Drywall	690	SF	7	\$0
	Chalk Board	31	LF	4	\$2,846
	Doors - Transom Window	10	SF	6	\$169
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Wood	690	SF	7	\$0
	Lighting - Pendent/Surface	12	EA	4	\$6,488
	Walls - Plaster/Drywall	1,088	SF	7	\$0
Regular Classroom (9 rooms)					
	AC Units	18	EA	7	\$0
	Casework	104	LF	6	\$2,626

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classroom (9 rooms)					
	Ceiling - Plaster/Drywall	90	SF	5	\$968
	Ceiling - Plaster/Drywall	690	SF	6	\$2,388
	Ceiling - Plaster/Drywall	5,561	SF	7	\$0
	Chalk Board	77	LF	4	\$7,069
	Doors - Transom Window	100	SF	6	\$1,693
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Doors - Wood Doors inclu hw	9	EA	6	\$2,709
	Floor - Weight/ Fitness Room Floor Matting	690	SF	6	\$3,611
	Floor - Weight/ Fitness Room Floor Matting	1,380	SF	7	\$0
	Floor - Wood	690	SF	5	\$10,094
	Floor - Wood	3,581	SF	7	\$0
	Lighting - Pendent/Surface	112	EA	4	\$60,552
	Marker Board	166	LF	7	\$0
	Storage/ Closet	135	SF	6	\$979
	Walls - Plaster/Drywall	1,088	SF	6	\$3,003
	Walls - Plaster/Drywall	8,722	SF	7	\$0
Store Room (3 rooms)					
	AC Units	2	EA	6	\$991
	AC Units	2	EA	7	\$0
	Casework	36	LF	6	\$909
	Ceiling - Plaster/Drywall	690	SF	6	\$2,388
	Ceiling - Plaster/Drywall	1,040	SF	7	\$0
	Chalk Board	31	LF	4	\$2,846
	Doors - Transom Window	30	SF	6	\$508
	Doors - Wood Doors inclu hw	3	EA	6	\$903
	Floor - Wood	690	SF	5	\$10,094
	Floor - Wood	350	SF	6	\$2,467
	Floor - Wood	690	SF	7	\$0
	Lighting - Pendent/Surface	28	EA	4	\$15,138
	Marker Board	36	LF	7	\$0
	Walls - Plaster/Drywall	2,986	SF	7	\$0
	Work Sink	1	EA	5	\$1,508

Classrooms Subtotal:

\$144,649

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	AC Unit	3	EA	7	\$0
	Ceiling - Plaster/Drywall	150	SF	6	\$519
	Ceiling - Plaster/Drywall	1,204	SF	7	\$0
	Doors - Side-lite	10	SF	6	\$167
	Doors - Transom Window	60	SF	6	\$1,016
	Doors - Wood Doors inclu hw	5	EA	6	\$1,505
	Doors - Wood Doors inclu hw	4	EA	7	\$0
	Floor - Carpet	582	SF	5	\$2,988
	Floor - Carpet	183	SF	6	\$390
	Floor - Tile	60	SF	6	\$131
	Floor - Wood	529	SF	7	\$0
	Lighting - Pendent/Surface	24	EA	4	\$12,975
	Power Distribution	14	EA	6	\$29,748
	Power Distribution	32	EA	7	\$0
	Storage/ Closet	30	SF	6	\$218
	Walls - Concrete Block	410	SF	6	\$1,202
	Walls - Plaster/Drywall	612	SF	5	\$4,638
	Walls - Plaster/Drywall	3,001	SF	7	\$0
	Work Slnk	1	EA	6	\$508
Gymnasias					
	Ceiling - Plaster/Drywall	3,154	SF	7	\$0
	Doors - Steel Doors incl hw	2	EA	6	\$602
	Doors - Transom Window	20	SF	6	\$339
	Doors - Wood Doors inclu hw	2	EA	5	\$2,348
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Doors - Wood Doors inclu hw	3	EA	7	\$0
	Floor - Concrete Epoxy/ Painted	120	SF	4	\$3,374
	Floor - Tile Ceramic/ Porcelain	120	SF	6	\$254
	Floor - Tile/Sheet	120	SF	7	\$0
	Floor - Wood	2,416	SF	6	\$17,033
	Lighting - Metal Halide/ High Pressure Sodium	3	EA	6	\$401
	Lighting - Metal Halide/ High Pressure Sodium	9	EA	7	\$0
	Lighting - Pendent/Surface	6	EA	4	\$3,244
	Lighting - Pendent/Surface	2	EA	5	\$365
	Stage	378	SF	5	\$5,676
	Stage Curtain	2	EA	6	\$0
	Stage Lift	1	EA	7	\$0
	Stage Lighting System	1	EA	4	\$287,931

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Gymnasia					
	Stage-Stairs - Tile	12	LF	7	\$0
	Storage/ Closet	200	SF	4	\$5,574
	Walls - Plaster/Drywall	390	SF	4	\$7,369
	Walls - Plaster/Drywall	1,360	SF	7	\$0
	Walls - Structural Glazed Tile	3,300	SF	7	\$0
Locker/Shower Room					
	Accessories	142	SF	7	\$0
	Ceiling - Exposed	142	SF	5	\$390
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Concrete Epoxy/ Painted	142	SF	5	\$244
	Lavatory	1	EA	4	\$7,342
	Lighting - Pendent/Surface	2	EA	4	\$1,081
	Partitions	1	EA	5	\$751
	Showers	1	EA	4	\$4,720
	Water Closet	1	EA	6	\$336
Mechanical/ Service Rooms					
	Air Tunnel	3,080	SF	4	\$70,338
	Boiler Room	1,364	SF	5	\$22,002
	Interior Stairs	108	LF	6	\$975
	Janitor's Closet	148	SF	6	\$1,060
	Mechanical/ Service Rooms	1,660	SF	4	\$46,265
	Mechanical/ Service Rooms	231	SF	6	\$1,655
	Storage Room	486	SF	5	\$7,839
	Storage Room	28	SF	6	\$201
Restroom					
	Accessories	34	SF	5	\$673
	Accessories	46	SF	6	\$424
	Accessories	968	SF	7	\$0
	Ceiling - Plaster/Drywall	34	SF	4	\$512
	Ceiling - Plaster/Drywall	260	SF	6	\$900
	Ceiling - Plaster/Drywall	754	SF	7	\$0
	Doors - Side-lite	80	SF	7	\$0
	Doors - Transom Window	80	SF	7	\$0
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Doors - Wood Doors inclu hw	5	EA	7	\$0
	Floor - Tile Ceramic/ Porcelain	57	SF	6	\$121

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Floor - Tile Ceramic/ Porcelain	991	SF	7	\$0
	Floor Drain	4	EA	7	\$0
	Hand Dryer	3	EA	5	\$1,771
	Hand Dryer	1	EA	6	\$230
	Hand Dryer	4	EA	7	\$0
	Lavatory	3	EA	6	\$959
	Lavatory	8	EA	7	\$0
	Lighting - Pendent/Surface	22	EA	4	\$11,894
	Partitions	1	EA	5	\$751
	Partitions	13	EA	7	\$0
	Urinals	8	EA	7	\$0
	Walls - Concrete Block	190	SF	6	\$557
	Walls - Plaster/Drywall	6	SF	5	\$31
	Walls - Plaster/Drywall	990	SF	7	\$0
	Walls - Structural Glazed Tile	2,420	SF	7	\$0
	Water Closet	3	EA	6	\$1,008
	Water Closet	14	EA	7	\$0

Rooms (Other Than Classrooms) Subtotal:

\$577,048

Building: Main

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Plaster/Drywall	4,424	SF	7	\$0
	Ceiling - Splined	5	SF	4	\$86
	Ceiling - Splined	480	SF	7	\$0
	Doors - Wood Doors include hw	5	EA	6	\$1,505
	Drinking Fountains - Single Fountain	1	EA	5	\$1,180
	Drinking Fountains - Single Fountain	3	EA	7	\$0
	Floor - Tile Ceramic/ Porcelain	200	SF	6	\$558
	Floor - Tile/Sheet	165	SF	4	\$2,444
	Floor - Tile/Sheet	1,768	SF	6	\$961
	Floor - Tile/Sheet	2,776	SF	7	\$0
	Lighting - Pendent/Surface	67	EA	4	\$36,223
	Student Lockers	111	EA	7	\$0
	Student Lockers - One Tier	104	EA	5	\$14,576

Building: Main

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Walls - Concrete Block	150	SF	7	\$0
	Walls - Plaster/Drywall	4,410	SF	7	\$0
	Walls - Structural Glazed Tile	2,736	SF	7	\$0
Safety					
	Camera Viewing Station	1	EA	5	\$2,935
	Camera Viewing Station	2	EA	7	\$0
	Security Cameras	5	EA	7	\$0
Stairs					
	Ceiling - Exposed	120	SF	7	\$0
	Ceiling - Plaster/Drywall	1,076	SF	7	\$0
	Floor - Terrazzo	1,012	SF	7	\$0
	Handrails	116	LF	7	\$0
	Lighting - Pendent/Surface	12	EA	4	\$6,488
	Stairs - Terrazzo	276	LF	7	\$0
	Walls - Plaster/Drywall	740	SF	7	\$0
	Walls - Structural Glazed Tile	2,140	SF	7	\$0
Building Interior Subtotal:					\$66,955

Total Building Cost

\$2,284,005

Building: Addition 1

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Exterior Doors - Exterior Steel Door	2	EA	5	\$2,683
	Exterior Doors - Transom Lite	2	EA	6	\$627
Foundation					
	Foundation - Concrete	160	LF	7	\$0
	Superstructure - Concrete	10,720	SF	7	\$0
Lighting					
	Exterior Lighting - Parapet or Roof Mounted	2	EA	6	\$1,073
Roof System					
	Coping - Stone	160	LF	6	\$5,139

Building: Addition 1

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Roof System					
	Parapet - Parapet < 16" Height	160	LF	6	\$3,409
	Roof - Asphalt Gravel Ballast	5,360	SF	6	\$54,497
	Roof Structure - Concrete	5,360	SF	7	\$0
Walls					
	Exterior Walls - Brick	600	SF	5	\$12,681
	Exterior Walls - Brick	3,013	SF	7	\$0
	Exterior Walls - Stone-Cut	220	SF	6	\$1,479
Windows					
	Guard - Guards perforated	1,457	SF	6	\$18,606
	Lintels - Steel	102	LF	6	\$2,961
	Lintels - Stone	99	LF	6	\$0
	Windows - Insulated Panel	240	SF	6	\$1,792
	Windows - Sash Aluminum Double-pane	2,007	SF	6	\$14,981

Building Exterior Subtotal:

\$119,927

Building: Addition 1

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Emergency A/C Power - Corridors and Stairs	2,219	SF	6	\$666
	Emergency Battery Packs - Corridors and Stairs	1	EA	6	\$203
	Exit Signs - Corridors and Stairs	3	EA	6	\$449
Power Distribution					
	Lighting and Power Panels - 100 A	1	EA	4	\$4,849
	Lighting and Power Panels - Above 100 A	1	EA	6	\$497

Electrical System Subtotal:

\$6,665

Building: Addition 1

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	10,720	SF	4	\$14,563

Building: Addition 1

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Safty System Subtotal:					\$14,563

Building: Addition 1

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Built Up- Single Zone w/ Air Tunnel- Steam Coils - 25001 - 35000 cfm	1	EA	5	\$55,649
	Air Intake	1	EA	4	\$17,616
	Auxiliaries - 25001 - 35000 cfm	1	EA	5	\$16,577
	Reheat Boxes - Reheat Boxes with Steam Coil	5	EA	6	\$5,256
	Return Duct Work - Masonry and Ducts- Missing or Existing Shaft	40	LF	5	\$52,536
	Zone Dampers	10	EA	6	\$8,330
Boiler Systems					
	Piping - Condensate Pipe- Steel	80	LF	6	\$151
	Piping - Steam Pipe- Steel	80	LF	6	\$151
Heating Devices					
	Fin Tube - Steam	7	LF	5	\$570
Temperature Control					
	Pneumatic System	10,720	SF	6	\$5,672
	Thermostats - Pneumatic	8	EA	6	\$0
Mechanical System Subtotal:					\$162,508

Building: Addition 1

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	10,720	SF	6	\$2,146
	Domestic Piping-Cold Water Horizontal Lines	10,720	SF	6	\$2,606
	Domestic Piping-Cold Water Risers	10,720	SF	6	\$1,993
	Domestic Piping-Hot Water from Risers to Fixtures	10,720	SF	6	\$1,686
	Domestic Piping-Hot Water Horizontal Lines	10,720	SF	6	\$1,993
	Domestic Piping-Hot Water Return Lines	10,720	SF	6	\$1,533
	Domestic Piping-Hot Water Return Risers	10,720	SF	6	\$1,533
	Sanitary Piping	10,720	SF	6	\$9,811

Building: Addition 1

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Storm Piping	10,720	SF	6	\$9,351
	Vent Piping	10,720	SF	6	\$7,205
Pumps					
	Pumps - Sump-Simplex	1	EA	5	\$5,627

Plumbing System Subtotal:

\$45,484

Building: Addition 1

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classroom (7 rooms)					
	AC Units	14	EA	7	\$0
	Casework	38	LF	5	\$7,945
	Casework	20	LF	6	\$505
	Casework	20	LF	7	\$0
	Ceiling - Plaster/Drywall	3,405	SF	6	\$11,783
	Ceiling - Plaster/Drywall	1,380	SF	7	\$0
	Doors - Transom Window	84	SF	6	\$1,422
	Doors - Transom Window	14	SF	7	\$0
	Doors - Wood Doors inclu hw	6	EA	6	\$1,806
	Doors - Wood Doors inclu hw	1	EA	7	\$0
	Floor - Tile	4,785	SF	6	\$10,469
	Lighting - Pendent/Surface	84	EA	4	\$45,414
	Marker Board	96	LF	6	\$2,056
	Marker Board	36	LF	7	\$0
	Walls - Plaster/Drywall	10	SF	4	\$147
	Walls - Plaster/Drywall	978	SF	5	\$7,412
	Walls - Plaster/Drywall	6,304	SF	6	\$17,398
Store Room (1 room)					
	AC Units	2	EA	7	\$0
	Casework	12	LF	5	\$2,509
	Ceiling - Plaster/Drywall	675	SF	6	\$2,336
	Doors - Transom Window	14	SF	5	\$593
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Floor - Tile	675	SF	6	\$1,477
	Lighting - Pendent/Surface	12	EA	6	\$1,487

Building: Addition 1

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Store Room (1 room)					
	Marker Board	20	LF	6	\$428
	Walls - Plaster/Drywall	990	SF	6	\$2,732

Classrooms Subtotal:

\$119,094

Building: Addition 1

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Ceiling - Plaster/Drywall	300	SF	6	\$1,038
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	300	SF	7	\$0
	Lighting - Lay-in	2	EA	4	\$672
	Power Distribution	2	EA	6	\$4,250
	Walls - Plaster/Drywall	716	SF	6	\$1,976
MDF_IDF					
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Finishes	345	SF	6	\$2,462
Restroom					
	Accessories	55	SF	6	\$507
	Ceiling - Plaster/Drywall	55	SF	6	\$190
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Floor - Tile	55	SF	6	\$120
	Floor Drain	1	EA	5	\$2,094
	Lavatory	1	EA	6	\$320
	Lighting - Lay-in	1	EA	4	\$336
	Walls - Plaster/Drywall	312	SF	6	\$861
	Water Closet	1	EA	6	\$336

Rooms (Other Than Classrooms) Subtotal:

\$16,938

Building: Addition 1

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
-------	-------------	----------	------	------	------

Building: Addition 1

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Plaster/Drywall	70	SF	4	\$1,436
	Ceiling - Plaster/Drywall	1,804	SF	6	\$11,170
	Doors - Steel Doors incl hw	2	EA	4	\$7,072
	Doors - Steel Doors incl hw	2	EA	6	\$602
	Doors - Wood Doors include hw	2	EA	4	\$6,826
	Floor - Tile Ceramic/ Porcelain	70	SF	5	\$1,118
	Floor - Tile Ceramic/ Porcelain	902	SF	6	\$2,515
	Floor - Tile/Sheet	902	SF	6	\$490
	Lighting - Lay-in	2	EA	4	\$672
	Lighting - Pendent/Surface	24	EA	4	\$12,975
	Student Lockers	128	EA	6	\$0
	Walls - Plaster/Drywall	180	SF	5	\$1,328
	Walls - Plaster/Drywall	1,832	SF	6	\$8,121
	Walls - Structural Glazed Tile	180	SF	5	\$9,145
	Walls - Structural Glazed Tile	1,832	SF	6	\$5,763
Stairs					
	Ceiling - Plaster/Drywall	420	SF	6	\$3,075
	Floor - Terrazzo	345	SF	6	\$2,896
	Handrails	63	LF	5	\$724
	Lighting - Lay-in	6	EA	4	\$2,015
	Stairs - Terrazzo	2	LF	4	\$658
	Stairs - Terrazzo	32	LF	6	\$297
	Walls - Structural Glazed Tile	458	SF	6	\$1,441

Building Interior Subtotal: **\$80,342**

Total Building Cost **\$565,520**

Building: Addition 2

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Entrance Control - Audio and Video	1	EA	7	\$0
	Exterior Doors - Exterior Steel Door	7	EA	6	\$3,364
	Exterior Doors - Exterior Steel Door	1	EA	7	\$0
	Exterior Doors - Side lite	4	EA	6	\$1,253

Building: Addition 2

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Exterior Doors - Transom Lite	5	EA	6	\$1,567
	Exterior Stairs - Concrete	3	LF	5	\$329
	Exterior Stairs - Concrete	76	LF	6	\$6,214
	Exterior Stairs - Concrete	32	LF	7	\$0
	Power Door Operator and Controls	1	EA	7	\$0
	Ramp Handrail - Steel_Ramp Handrail	60	LF	6	\$520
	Ramps - Concrete	30	LF	7	\$0
	Stair Handrail - Steel_Stair Handrail	19	LF	6	\$165
Foundation					
	Foundation - Concrete	520	LF	7	\$0
	Superstructure - Concrete	27,878	SF	7	\$0
Lighting					
	Exterior Lighting - Parapet or Roof Mounted	9	EA	6	\$4,829
	Exterior Lighting - Wall Mounted	4	EA	4	\$4,120
Roof System					
	Coping - Metal	534	LF	6	\$17,151
	Downspouts - Interior Downspouts	72	LF	7	\$0
	Roof - Asphalt Gravel Ballast	200	SF	4	\$10,599
	Roof - Asphalt Gravel Ballast	13,739	SF	6	\$139,689
	Roof Structure - Concrete	13,939	SF	7	\$0
Walls					
	Canopy - Concrete/ Stucco	440	SF	6	\$14,560
	Canopy - Metal	100	SF	6	\$2,148
	Exterior Walls - Brick	10	SF	5	\$238
	Exterior Walls - Brick	7,505	SF	6	\$50,441
Windows					
	Guard - Guards perforated	1,956	SF	6	\$24,978
	Lintels - Steel	567	LF	6	\$16,459
	Windows - Insulated Panel	1,392	SF	6	\$10,391
	Windows - Louver	69	SF	6	\$515
	Windows - Sash Aluminum Double-pane	3,264	SF	6	\$24,364

Building Exterior Subtotal:

\$333,893

Building: Addition 2

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Emergency A/C Power - Corridors and Stairs	4,460	SF	6	\$1,339
	Emergency Battery Packs - Corridors and Stairs	5	EA	6	\$1,013
	Emergency Battery Packs - Students Toilets	4	EA	6	\$810
	Exit Signs - Corridors and Stairs	6	EA	6	\$898
	Exit Signs - Lunchroom	3	EA	6	\$449
Power Distribution					
	Lighting and Power Panels - 100 A	2	EA	6	\$598
	Lighting and Power Panels - 100 A	1	EA	7	\$0
	Lighting and Power Panels - Above 100 A	3	EA	6	\$1,491

Electrical System Subtotal: \$6,599

Building: Addition 2

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	27,878	SF	4	\$37,872

Safty System Subtotal: \$37,872

Building: Addition 2

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Package Single Zone- Indoor- Steam Coils - 12001-20000 cfm	1	EA	5	\$41,515
	Air Intake	1	EA	6	\$5,765
	Indoor Return Fans- Centrifugal Inline - Less than 5000 CFM	1	EA	5	\$5,572
Heating Devices					
	Fin Tube - Steam	7	LF	5	\$570
Temperature Control					
	Pneumatic System	27,878	SF	6	\$14,750
	Thermostats - Pneumatic	16	EA	4	\$11,796
Unit Ventilation					
	Unit Ventilators- Floor Mounted- Steam Heating Coils Only	14	EA	4	\$279,895

Building: Addition 2

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Ventilation					
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	1	EA	4	\$4,245
	Exhaust Fans- Roof Mounted - Greater than 8000 CFM	1	EA	6	\$592
	Type I Exhaust Hood- Kitchen	1	EA	2	\$28,265

Mechanical System Subtotal:

\$393,556

Building: Addition 2

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	27,878	SF	6	\$5,581
	Domestic Piping-Cold Water Horizontal Lines	27,878	SF	6	\$6,777
	Domestic Piping-Cold Water Risers	27,878	SF	6	\$5,183
	Domestic Piping-Hot Water from Risers to Fixtures	27,878	SF	6	\$4,385
	Domestic Piping-Hot Water Horizontal Lines	27,878	SF	6	\$5,183
	Domestic Piping-Hot Water Return Lines	27,878	SF	6	\$3,987
	Domestic Piping-Hot Water Return Risers	27,878	SF	6	\$3,987
	Sanitary Piping	27,878	SF	6	\$25,514
	Storm Piping	27,878	SF	6	\$24,318
	Vent Piping	27,878	SF	6	\$18,737

Plumbing System Subtotal:

\$103,650

Building: Addition 2

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Computer Lab (1 room)					
	AC Units	2	EA	7	\$0
	Casework	28	LF	5	\$5,854
	Ceiling - Splined	1,028	SF	7	\$0
	Doors - Wood Doors inclu hw	2	EA	7	\$0
	Floor - Carpet	1,028	SF	7	\$0
	Lighting - Pendent/Surface	18	EA	4	\$9,732
	Marker Board	20	LF	7	\$0
	Storage/ Closet	54	SF	6	\$392

Building: Addition 2

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Computer Lab (1 room)					
	Walls - Concrete Block	870	SF	7	\$0
	Walls - Plaster/Drywall	30	SF	7	\$0
	Wireless System	1	EA	7	\$0
Kindergarten (1 room)					
	AC Units	2	EA	7	\$0
	Casework	10	LF	5	\$2,091
	Casework	28	LF	6	\$707
	Ceiling - Splined	1,028	SF	7	\$0
	Doors - Wood Doors inclu hw	2	EA	5	\$2,348
	Floor - Tile	1,028	SF	6	\$2,249
	Lighting - Pendent/Surface	18	EA	4	\$9,732
	Marker Board	8	LF	7	\$0
	Storage/ Closet	54	SF	6	\$392
	Walls - Concrete Block	870	SF	7	\$0
	Walls - Plaster/Drywall	30	SF	7	\$0
	Work Sink	1	EA	5	\$1,508
Regular Classroom (10 rooms)					
	AC Units	10	EA	7	\$0
	Casework	45	LF	5	\$9,409
	Casework	5	LF	6	\$126
	Ceiling - Plaster/Drywall	12	SF	7	\$0
	Ceiling - Splined	790	SF	6	\$644
	Ceiling - Splined	6,735	SF	7	\$0
	Chalk Board	88	LF	4	\$8,079
	Doors - Wood Doors inclu hw	5	EA	5	\$5,870
	Doors - Wood Doors inclu hw	4	EA	6	\$1,204
	Doors - Wood Doors inclu hw	1	EA	7	\$0
	Floor - Tile	122	SF	4	\$1,306
	Floor - Tile	732	SF	5	\$3,287
	Floor - Tile	5,923	SF	6	\$12,959
	Floor - Tile	760	SF	7	\$0
	Lighting - Pendent/Surface	108	EA	4	\$58,389
	Lighting - Pendent/Surface	12	EA	6	\$1,487
	Marker Board	180	LF	7	\$0
	Storage/ Closet	342	SF	5	\$5,517
	Storage/ Closet	35	SF	6	\$254

Building: Addition 2

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classroom (10 rooms)					
	Walls - Concrete Block	1,440	SF	6	\$4,221
	Walls - Concrete Block	5,294	SF	7	\$0
	Walls - Plaster/Drywall	60	SF	6	\$166
	Walls - Plaster/Drywall	480	SF	7	\$0
	Walls - Structural Glazed Tile	600	SF	7	\$0
	Work Sink	2	EA	5	\$3,016
	Work Sink	2	EA	6	\$758

Classrooms Subtotal:

\$151,694

Building: Addition 2

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Ceiling - Plaster/Drywall	280	SF	7	\$0
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	280	SF	6	\$613
	Lighting - Pendent/Surface	5	EA	7	\$0
	Power Distribution	8	EA	6	\$16,999
	Walls - Concrete Block	586	SF	7	\$0
Kitchen					
	Ceiling - Plaster/Drywall	360	SF	6	\$1,246
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Doors - Wood Doors inclu hw	1	EA	7	\$0
	Floor - Tile Quarry	360	SF	7	\$0
	Lighting - Pendent/Surface	11	EA	7	\$0
	Storage/ Closet	68	SF	7	\$0
	Walls - Structural Glazed Tile	620	SF	7	\$0
Library					
	AC Unit	2	EA	7	\$0
	Casework	24	LF	5	\$5,018
	Casework	60	LF	7	\$0
	Ceiling - Plaster/Drywall	20	SF	7	\$0
	Ceiling - Splined	1,126	SF	7	\$0
	Doors - Wood Doors inclu hw	2	EA	5	\$2,348
	Floor - Carpet	1,146	SF	7	\$0

Building: Addition 2

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Library					
	Lighting - Pendent/Surface	24	EA	7	\$0
	Walls - Concrete Block	900	SF	7	\$0
	Walls - Plaster/Drywall	60	SF	7	\$0
Lunch & Multipurpose Room					
	Ceiling - Splined	2,400	SF	6	\$1,956
	Doors - Wood Doors inclu hw	2	EA	4	\$6,826
	Doors - Wood Doors inclu hw	2	EA	7	\$0
	Floor - Tile	2,400	SF	7	\$0
	Lighting - Metal Halide/ High Pressure Sodium	12	EA	7	\$0
	Serving Line	16	LF	7	\$0
	Walls - Concrete Block	1,700	SF	7	\$0
	Walls - Structural Glazed Tile	900	SF	7	\$0
Mechanical/ Service Rooms					
	Janitor's Closet	60	SF	5	\$968
	Janitor's Closet	60	SF	6	\$430
	Mechanical/ Service Rooms	310	SF	6	\$2,221
	Storage Room	120	SF	6	\$860
Restroom					
	Accessories	30	SF	4	\$999
	Accessories	30	SF	5	\$594
	Accessories	1,140	SF	6	\$10,515
	Ceiling - Plaster/Drywall	10	SF	5	\$125
	Ceiling - Plaster/Drywall	390	SF	6	\$1,350
	Ceiling - Plaster/Drywall	890	SF	7	\$0
	Doors - Side-lite	40	SF	6	\$669
	Doors - Steel Doors incl hw	4	EA	5	\$4,696
	Doors - Wood Doors inclu hw	2	EA	5	\$2,348
	Doors - Wood Doors inclu hw	3	EA	6	\$903
	Floor - Concrete	260	SF	6	\$138
	Floor - Tile	20	SF	4	\$204
	Floor - Tile	140	SF	5	\$629
	Floor - Tile	30	SF	6	\$66
	Floor - Tile Ceramic/ Porcelain	290	SF	6	\$614
	Floor - Tile Ceramic/ Porcelain	550	SF	7	\$0
	Floor Drain	2	EA	6	\$2,118
	Floor Drain	6	EA	7	\$0

Building: Addition 2

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Hand Dryer	2	EA	5	\$1,181
	Hand Dryer	6	EA	7	\$0
	Lavatory	5	EA	6	\$1,598
	Lavatory	8	EA	7	\$0
	Lighting - Lay-in	4	EA	6	\$476
	Lighting - Pendent/Surface	20	EA	4	\$10,813
	Lighting - Pendent/Surface	1	EA	7	\$0
	Partitions	1	EA	5	\$751
	Partitions	3	EA	6	\$891
	Partitions	14	EA	7	\$0
	Urinals	8	EA	7	\$0
	Walls - Concrete Block	4	SF	4	\$210
	Walls - Concrete Block	565	SF	6	\$1,656
	Walls - Concrete Block	355	SF	7	\$0
	Walls - Structural Glazed Tile	2,604	SF	7	\$0
	Water Closet	1	EA	5	\$1,344
	Water Closet	1	EA	6	\$336
	Water Closet	16	EA	7	\$0

Rooms (Other Than Classrooms) Subtotal:

\$86,181

Building: Addition 2

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Splined	1,750	SF	6	\$5,055
	Ceiling - Splined	1,870	SF	7	\$0
	Drinking Fountains - Single Fountain	1	EA	6	\$276
	Floor - Tile/Sheet	5	SF	4	\$74
	Floor - Tile/Sheet	3,620	SF	6	\$1,967
	Lighting - Pendent/Surface	65	EA	7	\$0
	Stairs - Terrazzo	11	LF	7	\$0
	Walls - Concrete Block	1,085	SF	6	\$3,181
	Walls - Concrete Block	1,120	SF	7	\$0
	Walls - Structural Glazed Tile	1,625	SF	6	\$5,112
	Walls - Structural Glazed Tile	1,680	SF	7	\$0

Building: Addition 2

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Stairs					
	Ceiling - Plaster/Drywall	700	SF	6	\$5,125
	Ceiling - Splined	508	SF	6	\$1,467
	Floor - Terrazzo	700	SF	6	\$5,876
	Floor - Tile Ceramic/ Porcelain	140	SF	6	\$939
	Handrails	90	LF	6	\$780
	Lighting - Pendent/Surface	9	EA	7	\$0
	Stairs - Terrazzo	190	LF	6	\$1,763
	Walls - Concrete Block	200	SF	7	\$0
	Walls - Structural Glazed Tile	1,405	SF	7	\$0
Vertical Conveyance					
	Wheelchair Lift - Platform Lift	1	EA	7	\$0

Building Interior Subtotal: \$31,615

Total Building Cost \$1,145,061

Building: Addition 3_Ferguson CPC

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Exterior Doors - Exterior Steel Door	4	EA	5	\$5,365
	Exterior Doors - Exterior Steel Door	1	EA	6	\$481
	Exterior Doors - Side lite	4	EA	6	\$1,253
	Exterior Doors - Store Front	4	EA	6	\$2,184
	Exterior Doors - Transom Lite	4	EA	6	\$1,253
Foundation					
	Foundation - Concrete	400	LF	7	\$0
	Superstructure - Metal Deck/ Concrete Topping	20	SF	6	\$0
	Superstructure - Metal Deck/ Concrete Topping	24,090	SF	7	\$0
Lighting					
	Exterior Lighting - Wall Mounted	8	EA	6	\$2,310
Roof System					
	Chimney - Metal Flue	105	LF	6	\$16,605
	Coping - Stone	438	LF	6	\$14,068

Building: Addition 3_Ferguson CPC

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Roof System					
	Downspouts - Interior Downspouts	140	LF	6	\$4,653
	Parapet - Parapet > 30"	10	LF	5	\$3,797
	Parapet - Parapet > 30"	428	LF	6	\$27,358
	Roof - Modified Bitumen	125	SF	5	\$3,570
	Roof - Modified Bitumen	11,930	SF	6	\$112,254
	Roof Structure - Steel / Metal Deck/ Concrete Topping	12,055	SF	7	\$0
Walls					
	Exterior Walls - Brick	9,915	SF	6	\$66,639
	Exterior Walls - Stone-Cast	940	SF	6	\$6,318
Windows					
	Guard - Guards perforated	2,894	SF	6	\$36,956
	Lintels - Steel	358	LF	6	\$10,392
	Windows - Louver	252	SF	6	\$1,881
	Windows - Sash Aluminum Double-pane	2,893	SF	6	\$21,595
Building Exterior Subtotal:					\$338,932

Building: Addition 3_Ferguson CPC

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	1	EA	7	\$0
	Emergency A/C Power - Corridors and Stairs	4,915	SF	6	\$1,476
	Emergency Battery Packs - Corridors and Stairs	13	EA	6	\$2,633
	Emergency Battery Packs - Multipurpose Room	2	EA	6	\$405
	Exit Signs - Corridors and Stairs	13	EA	6	\$1,947
	Exit Signs - Multipurpose Room	2	EA	6	\$299
Main Service					
	Independent Electrical Service for emergency power	1	EA	7	\$0
	Main Electrical Service - 1200 A 120/208/3PH	1	EA	6	\$5,078
	PA System	24,110	SF	6	\$7,930
Power Distribution					
	Lighting and Power Panels - Above 100 A	1	EA	6	\$497
	Lighting and Power Panels - Above 100 A	6	EA	7	\$0

Building: Addition 3_Ferguson CPC

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Electrical System Subtotal:					\$20,264

Building: Addition 3_Ferguson CPC

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	24,110	SF	7	\$0
	Fire Pump Controller	1	EA	7	\$0
Pump Room Assembly					
	Fire Pump - 25-50 hp	1	EA	5	\$8,163
	Jockey Pump	1	EA	7	\$0
Sprinkler System					
	Sprinkler Heads	24,110	SF	6	\$0
	Sprinkler Piping	24,110	SF	6	\$4,482
	Wet Sprinkler System	24,110	SF	6	\$6,206
Safty System Subtotal:					\$18,851

Building: Addition 3_Ferguson CPC

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Conditioning					
	Chiller-Air Cooled- Recipricating-Roof Mounted - 50 - 100 tons	1	EA	6	\$3,659
	Pipes - Chilled Water Pipe- Galvanized	100	LF	6	\$189
Air Handling Systems					
	Air Handling Unit- Package Multi Zone- Indoor- Hot Water and Chilled Water Coils - 15001-20000 cfm	1	EA	6	\$3,350
	Air Intake	1	EA	7	\$0
	Fan Power Box - Fan Power Box with Hot Water Coil	14	EA	6	\$6,899
	Indoor Return Fans- Centrifugal Inline - 10001 - 20000 CFM	1	EA	6	\$1,857
	Make Up Air Unit- Roof Mounted- Gas Heating - 6000 - 10,000 cfm	1	EA	6	\$3,350
	VAV Box	11	EA	6	\$3,071
Boiler Systems					
	Boiler Auxiliary- Non Condensing Hot Water - 500 - 1000 MBH	3	EA	6	\$6,139
	Chemical Pot Feeder	2	EA	6	\$1,450

Building: Addition 3_Ferguson CPC

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Boiler Systems					
	Combustion Dampers	1	EA	6	\$409
	Glycol Feed System	1	EA	6	\$539
	Hot Water Pump	2	EA	5	\$9,407
	Hot Water Pump	1	EA	6	\$374
	Non Condensing- Flexible Tube- Atmospheric- Hot Water Boiler - 500 - 1000 MBH	3	EA	6	\$2,994
Heating Devices					
	Unit Heater - Electric	1	EA	6	\$278
	Unit Heater - Hot Water	3	EA	6	\$837
Mechanical Plumbing					
	Chilled Water Pump - Less than 10	2	EA	5	\$22,990
	Hydronic Supply and Return - Steel	150	LF	6	\$11,517
Temperature Control					
	DDC System	24,110	SF	6	\$13,791
	Thermostats - DDC	25	EA	6	\$0
Ventilation					
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	1	EA	4	\$4,245
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	2	EA	6	\$1,185
	Type I Exhaust Hood- Kitchen	1	EA	6	\$1,248
Mechanical System Subtotal:					\$100,368

Building: Addition 3_Ferguson CPC

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	5	\$2,249
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	7	\$0
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	24,110	SF	6	\$4,827
	Domestic Piping-Cold Water Horizontal Lines	24,110	SF	6	\$5,861
	Domestic Piping-Cold Water Risers	24,110	SF	6	\$4,482
	Domestic Piping-Hot Water from Risers to Fixtures	24,110	SF	6	\$3,793
	Domestic Piping-Hot Water Horizontal Lines	24,110	SF	6	\$4,482

Building: Addition 3_Ferguson CPC

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Domestic Piping-Hot Water Return Lines	24,110	SF	6	\$3,448
	Domestic Piping-Hot Water Return Risers	24,110	SF	6	\$3,448
	Sanitary Piping	24,110	SF	6	\$22,065
	Storm Piping	24,110	SF	6	\$21,031
	Vent Piping	24,110	SF	6	\$16,204

Plumbing System Subtotal:

\$91,890

Building: Addition 3_Ferguson CPC

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Kindergarten (7 rooms)					
	Casework	36	LF	6	\$909
	Casework	193	LF	7	\$0
	Ceiling - Lay-in	100	SF	4	\$1,133
	Ceiling - Lay-in	2,720	SF	6	\$8,168
	Ceiling - Lay-in	3,500	SF	7	\$0
	Doors - Side-lite	84	SF	7	\$0
	Doors - Wood Doors inclu hw	7	EA	7	\$0
	Floor - Tile	1,820	SF	6	\$3,982
	Floor - Tile	4,500	SF	7	\$0
	Lighting - Lay-in	84	EA	4	\$28,211
	Marker Board	96	LF	7	\$0
	Storage/ Closet	240	SF	6	\$1,740
	Storage/ Closet	320	SF	7	\$0
	Walls - Concrete Block	2,404	SF	6	\$7,047
	Walls - Concrete Block	6,074	SF	7	\$0
	Work Sink	2	EA	6	\$758
	Work Sink	12	EA	7	\$0
Play Room (1 room)					
	Ceiling - Lay-in	510	SF	7	\$0
	Doors - Side-lite	10	SF	7	\$0
	Doors - Wood Doors inclu hw	1	EA	7	\$0
	Floor - Carpet	510	SF	7	\$0
	Lighting - Lay-in	12	EA	4	\$4,030
	Storage/ Closet	50	SF	7	\$0

Building: Addition 3_Ferguson CPC

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Play Room (1 room)					
	Walls - Concrete Block	627	SF	7	\$0

Classrooms Subtotal:

\$55,979

Building: Addition 3_Ferguson CPC

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Ceiling - Lay-in	100	SF	5	\$595
	Ceiling - Lay-in	545	SF	6	\$1,637
	Ceiling - Lay-in	1,597	SF	7	\$0
	Doors - Side-lite	66	SF	7	\$0
	Doors - Steel Doors incl hw	1	EA	7	\$0
	Doors - Store Front	2	EA	7	\$0
	Doors - Wood Doors inclu hw	6	EA	7	\$0
	Floor - Carpet	545	SF	7	\$0
	Floor - Terrazzo	372	SF	7	\$0
	Floor - Tile	100	SF	6	\$219
	Floor - Tile	1,225	SF	7	\$0
	Lighting - Lay-in	31	EA	4	\$10,411
	Lighting - Lay-in	2	EA	6	\$238
	Power Distribution	2	EA	6	\$4,250
	Power Distribution	27	EA	7	\$0
	Storage/ Closet	105	SF	6	\$761
	Walls - Concrete Block	693	SF	6	\$2,032
	Walls - Concrete Block	2,550	SF	7	\$0
	Walls - Plaster/Drywall	690	SF	7	\$0
	Work Sink	1	EA	7	\$0
Kitchen					
	Ceiling - Lay-in	1,025	SF	7	\$0
	Doors - Steel Doors incl hw	4	EA	7	\$0
	Floor - Tile	1,025	SF	6	\$2,243
	Lighting - Lay-in	10	EA	4	\$3,358
	Serving Line	24	LF	6	\$1,428
	Storage/ Closet	500	SF	6	\$3,625
	Walls - Concrete Block	1,638	SF	7	\$0

Building: Addition 3_Ferguson CPC

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Lunch & Multipurpose Room					
	Ceiling - Lay-in	2,584	SF	6	\$7,760
	Doors - Side-lite	56	SF	7	\$0
	Doors - Wood Doors inclu hw	4	EA	7	\$0
	Floor - Tile	2,584	SF	7	\$0
	Lighting - Lay-in	24	EA	4	\$8,060
	Stage	325	SF	5	\$4,880
	Storage/ Closet	180	SF	6	\$1,305
	Walls - Concrete Block	2,042	SF	6	\$5,986
MDF_IDF					
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Finishes	135	SF	5	\$2,180
Mechanical/ Service Rooms					
	Mechanical/ Service Rooms	900	SF	5	\$14,517
	Mechanical/ Service Rooms	50	SF	7	\$0
	Storage Room	85	SF	6	\$609
	Storage Room	550	SF	7	\$0
Restroom					
	Accessories	275	SF	6	\$2,536
	Accessories	135	SF	7	\$0
	Ceiling - Lay-in	175	SF	6	\$526
	Ceiling - Lay-in	235	SF	7	\$0
	Doors - Wood Doors inclu hw	11	EA	7	\$0
	Floor - Terrazzo	40	SF	6	\$88
	Floor - Tile	215	SF	6	\$470
	Floor - Tile	115	SF	7	\$0
	Floor - Tile/Sheet	40	SF	7	\$0
	Floor Drain	1	EA	6	\$1,059
	Floor Drain	2	EA	7	\$0
	Lavatory	6	EA	6	\$1,918
	Lavatory	5	EA	7	\$0
	Lighting - Lay-in	10	EA	4	\$3,358
	Lighting - Lay-in	1	EA	7	\$0
	Walls - Concrete Block	554	SF	6	\$1,624
	Walls - Concrete Block	2,532	SF	7	\$0
	Water Closet	3	EA	6	\$1,008
	Water Closet	8	EA	7	\$0

Building: Addition 3_Ferguson CPC

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					

Rooms (Other Than Classrooms) Subtotal: **\$88,982**

Building: Addition 3_Ferguson CPC

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					

Ceiling - Lay-in	50	SF	4	\$780
Ceiling - Lay-in	2,315	SF	6	\$6,952
Ceiling - Lay-in	2,250	SF	7	\$0
Doors - Side-lite	68	EA	7	\$0
Doors - Steel Doors incl hw	2	EA	7	\$0
Doors - Store Front	8	EA	7	\$0
Doors - Transom Window	68	EA	7	\$0
Doors - Wood Doors include hw	4	EA	7	\$0
Drinking Fountains - Single Fountain	1	EA	7	\$0
Floor - Terrazzo	4,615	SF	7	\$0
Lighting - Lay-in	95	EA	4	\$31,906
Walls - Concrete Block	5,455	SF	7	\$0
Walls - Masonry	883	SF	7	\$0

Stairs

Ceiling - Lay-in	600	SF	7	\$0
Floor - Terrazzo	300	SF	7	\$0
Handrails	184	LF	7	\$0
Lighting - Lay-in	4	EA	4	\$1,343
Stairs - Terrazzo	62	LF	7	\$0
Walls - Concrete Block	345	SF	7	\$0
Walls - Masonry	1,530	SF	7	\$0

Vertical Conveyance

Elevator - Hydraulic Elevator	2	EA	7	\$0
-------------------------------	---	----	---	-----

Building Interior Subtotal: **\$40,981**

Total Building Cost **\$756,247**

SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Civil/Drainage					
	Civil/ Drainage - Catch Basin	9	EA	6	\$9,845
	Civil/ Drainage - Site Manhole	7	EA	6	\$10,449
Fencing					
	Fencing - Chain Link	114	LF	6	\$2,140
	Fencing - New Standard Ornamental	1,484	LF	6	\$47,344
	Fencing - Wood Fencing w/ Steel Frame	70	LF	6	\$918
Landscape					
	Landscape - Grass	9,102	SF	7	\$0
	Landscape - Hardscape- Concrete	100	SF	4	\$2,129
	Landscape - Hardscape- Concrete	5,157	SF	7	\$0
	Landscape - Hardscape- Pavers	300	SF	7	\$0
	Parkway trees	27	EA	6	\$17,821
	Planting Beds/ Area	490	SF	7	\$0
	Play Area - Asphalt/ Hardscape	18,936	SF	7	\$0
	Retaining Wall - Concrete	425	SF	6	\$9,961
	Trash Receptacles	2	EA	6	\$625
Parking Lot					
	Concrete Curbs	608	LF	6	\$7,808
	Interior Plantings	5	LF	7	\$0
	Surface - Asphalt	8,930	SF	5	\$46,610
	Surface - Asphalt	15,952	SF	7	\$0
	Trash Enclosure - Wood	800	SF	6	\$18,327
Playground					
	Equipment - Combo 3-12	1	EA	6	\$7,092
	Surface - Poured Surface	2,500	SF	5	\$34,356
Sidewalks					
	Sidewalks - Perimeter Sidewalks	10,222	SF	6	\$20,318
Signage					
	Flag Pole - Flag Pole	1	EA	6	\$1,657
	Marquee - Building Mounted Back Lighted w/ LED	1	EA	7	\$0
	Monument - Building Mounted Cut Letter Sign	1	EA	6	\$0
	Monument - Sign	1	EA	6	\$0

SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Site Subtotal:					\$237,400

Total Site Cost					\$237,400
------------------------	--	--	--	--	------------------

Campus Total ^{2 3}					\$4,988,234
------------------------------------	--	--	--	--	--------------------

¹ It is very rare for assessors to find a feature in this condition. If assessors do, they are required to report it immediately to CPS, and CPS addresses it immediately. Thus, no features will be ranked "1" in this report; by the time the report is compiled, they have been resolved.

² As stated above, Total Assessed Campus Need does not include the addition of features not already in a particular facility, such as programmatic improvements, school-wide ADA compliance, air conditioning, space reconfiguration or construction to alleviate overcrowding; these items are treated as separate capital needs. The Total Assessed Campus Need includes current deficiencies and is based on current unit cost estimates; it does not reflect a complete project cost.

³ The overall condition of different items can change after an assessment date due to many variables, including newly occurring deficiencies, renovation or repairs and cost changes. These dollar figures in this report are estimates only and are based solely on the data that was collected as of the assessment date in the footer below.

Definitions

- **Quantity** means, for each item, the total number (or amount) of that item that exists and was evaluated.
- **Unit** means the generally accepted standard unit of measure for each item. Some items, like doors, are measured individually and use the unit of measurement "EA" for "each." Other items, like chimneys, are measured in terms of linear feet ("LF"). Still other items, like flooring, are generally measured in square feet ("SF").
- **Cost** means a basic estimate for each item needing some level of repair or replacement. Cost does not include all expenses that would be necessary to complete a repair or replacement project. This is because, depending on the item and on the overall scope of a construction project, repair/replacement projects can include additional costs such as destructive testing, environmental needs, discovered conditions, and additional work triggered by building codes.
- **For the same reason, the Total Campus Need listed at the end of this report reflects only a portion of what it would actually cost to repair/replace all of the listed features.**
- **Campus Total** also does not reflect features that do not yet exist at a particular facility, such as: programmatic improvements, school-wide ADA compliance, air conditioning, space reconfiguration, or construction to alleviate overcrowding; these are viewed as separate capital needs.

Classroom Summary

Current Usage	Intended Usage	Room Location	Room Number	Floor Plan Room Number	Area (SF)	Voice Outlets	Data Outlets	Elect. Outlets	Glazed Window Area	Operable Window Area	Noise Level	Window Stop	Power Strip	Smart-Board
Main														
Office	Regular Classroom		110		690	1	8	22	97	26		N	Y	N
Regular Classroom	Regular Classroom		106	106	690	1	8	22	97	26	40	N	Y	Y
Regular Classroom	Regular Classroom		108	108	690	1	8	22	97	26	40	N	Y	Y
Regular Classroom	Kindergarten		109	109	956	1	8	22	226	44	40	N	N	N
Regular Classroom	Regular Classroom		206	206	690	1	8	22	194	35	40	N	N	N
Regular Classroom	Regular Classroom		207	207	690	1	8	20	194	35	40	N	N	N
Regular Classroom	Regular Classroom		208	208	690	1	8	22	194	35	40	N	Y	N
Regular Classroom	Regular Classroom		209	209	690	1	8	20	194	35	40	N	N	N
Regular Classroom	Regular Classroom		211	211	690	1	8	22	194	35	40	N	N	N
Regular Classroom	Regular Classroom		213	213	690	1	8	22	194	35	40	N	N	N
Store Room	Regular Classroom		107	107	690	1	8	22	97	26	40	N	Y	N
Store Room	Store Room		210		350	0	0	2	97	26		N	N	N
Store Room	Regular Classroom		210A	210	690	1	8	22	194	35	40	N	N	N

Addition 1														
Regular Classroom	Regular Classroom		101	101	690	0	9	20	150	30	40	Y	Y	Y
Regular Classroom	Regular Classroom		102	102	690	0	9	20	150	30	40	Y	Y	Y
Regular Classroom	Regular Classroom		103	103	690	0	9	20	150	30	40	Y	Y	N
Regular Classroom	Regular Classroom		104	104	690	0	9	20	150	30	40	Y	Y	Y
Regular Classroom	Regular Classroom		201	201	675	0	9	20	150	30	40	Y	Y	N
Regular Classroom	Regular Classroom		203	203	675	0	9	20	150	30	40	Y	Y	N
Regular Classroom	Regular Classroom		204	204	675	0	9	20	150	30	40	Y	Y	N
Store Room	Regular Classroom		202	202	675	0	9	20	150	30	40	Y	Y	Y

Addition 2														
Computer Lab	Kindergarten		117	117	1,082	11	6	98	270	67	40	N	N	N
Kindergarten	Kindergarten		119	119	1,082	1	6	20	270	67	40	N	N	N
Regular Classroom	Regular Classroom		115	115	828	1	8	22	180	47	40	N	N	N
Regular Classroom	Regular Classroom		116	116	780	1	6	16	180	47	40	N	Y	N
Regular Classroom	Regular Classroom		118	118	745	0	8	20	113	106	40	Y	Y	N
Regular Classroom	Regular Classroom		214	214	798	1	4	34	180	47	40	N	Y	N
Regular Classroom	Regular Classroom		215	215	828	1	4	14	180	47	40	N	Y	Y
Regular Classroom	Regular Classroom		216	216	780	1	7	18	180	47	40	N	Y	Y
Regular Classroom	Regular Classroom		217	217	780	1	8	22	180	47	40	N	Y	Y
Regular Classroom	Regular Classroom		218	218	780	1	6	16	180	47	40	N	Y	Y
Regular Classroom	Regular Classroom		219	219	780	1	8	22	180	49	40	N	Y	Y
Regular Classroom	Regular Classroom		221	221	780	1	8	22	180	49	40	N	Y	N

Classroom Summary

Current Usage	Intended Usage	Room Location	Room Number	Floor Plan Room Number	Area (SF)	Voice Outlets	Data Outlets	Elect. Outlets	Glazed Window Area	Operable Window Area	Noise Level	Window Stop	Power Strip	Smart-Board
Addition 2														
Addition 3_Ferguson CPC														
Kindergarten	Kindergarten		001	N/A	980	0	9	20	180	60	40	Y	Y	Y
Kindergarten	Kindergarten		002	N/A	980	0	9	20	180	65	40	Y	Y	Y
Kindergarten	Kindergarten		003	N/A	980	0	9	20	180	60	40	Y	Y	Y
Kindergarten	Kindergarten		004	N/A	980	0	9	20	180	50	40	Y	Y	Y
Kindergarten	Kindergarten		005	N/A	980	0	9	20	180	50	40	Y	Y	Y
Kindergarten	Kindergarten		006	N/A	980	0	9	20	180	60	40	Y	Y	Y
Kindergarten	Kindergarten		007	N/A	1,000	0	9	20	180	60	40	Y	Y	Y
Play Room	Regular Classroom	2nd Floor	Playroom		560	0	4	16	50	12		Y	N	N