

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	1896	4	82,022	\$3,698,123
Addition	2003	2	57,687	\$2,211,793
SITE				\$406,920
Campus Total			139,709	\$6,316,836

Building: Main

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Entrance Control - Audio	1	EA	6	\$497
	Exterior Doors - Exterior FRP Door	3	EA	6	\$1,894
	Exterior Doors - Exterior Wood Door	12	EA	5	\$16,096
	Exterior Doors - Exterior Wood Door	7	EA	6	\$3,364
	Exterior Doors - Transom Lite	8	EA	6	\$2,507
	Exterior Stairs - Concrete	57	LF	6	\$4,661
Foundation					
	Foundation - Masonry	773	LF	7	\$0
	Superstructure - Steel with Clay Tile Arch	82,022	SF	7	\$0
Lighting					
	Exterior Lighting - Parapet or Roof Mounted	12	EA	6	\$6,438
Roof System					
	Chimney - Brick Chimney- Concrete/ Mortar Liner	85	LF	5	\$242,383
	Coping - Metal	20	LF	6	\$642
	Coping - Terra Cotta	1,048	LF	6	\$33,659
	Downspouts - Exterior Downspouts	99	LF	6	\$3,290
	Downspouts - Interior Downspouts	805	LF	6	\$26,753



Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Roof System					
	Parapet - 16" - 30" Height	120	LF	6	\$4,795
	Parapet - Parapet < 16" Height	363	LF	6	\$7,734
	Parapet - Parapet > 30"	560	LF	6	\$35,796
	Roof - Asphalt Gravel Ballast	2,192	SF	5	\$51,752
	Roof - Metal	75	SF	5	\$2,067
	Roof - Modified Bitumen	20,896	SF	5	\$439,554
	Roof Structure - Steel with Clay Tile Arch	23,163	SF	7	\$0
Walls					
	Exterior Walls - Brick	29,570	SF	5	\$525,604
	Exterior Walls - Concrete Block	200	SF	5	\$1,656
	Exterior Walls - Prefabricated Metal Panel Wall	2,000	SF	5	\$12,984
	Exterior Walls - Terra Cotta	4,345	SF	5	\$51,695
Windows					
	Guard - Guards wire guard	2,603	SF	6	\$33,240
	Lintels - Steel	387	LF	6	\$11,234
	Lintels - Stone	18	LF	6	\$0
	Lintels - Terra Cotta	539	LF	6	\$0
	Windows - Casement Steel Double-pane	8,387	SF	6	\$62,606
Building Exterio	r Subtotal:				\$1,582,900

Building: Main

1	Category:	Electrical	Syste	em	

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	1	EA	6	\$408
	Emergency A/C Power - Auditoium and Aisle Lighting	3,431	SF	6	\$1,815
	Emergency A/C Power - Corridors and Stairs	8,800	SF	6	\$2,643
	Emergency A/C Power - Gym	3,236	SF	6	\$1,203
	Emergency Battery Packs - Auditoium and Aisle Lighting	2	EA	6	\$405
	Exit Signs - Auditoium	6	EA	2	\$3,273
	Exit Signs - Corridors and Stairs	17	EA	2	\$9,273
	Exit Signs - Gym	4	EA	2	\$2,313
	Security System - CCTV	82,022	SF	6	\$24,631
	Security System - Intrusion Detection	82,022	SF	6	\$21,112



Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Main Service					
	Independent Electrical Service for emergency power	1	EA	7	\$0
	Main Electrical Service - 1600 A 120/208/3PH	1	EA	6	\$5,641
	Main Electrical Service - Greater than 3000 A 120/240/3PH	1	EA	7	\$0
	PA System	82,022	SF	6	\$26,977
Power Distribution					
	Lighting and Power Panels - 100 A	1	EA	7	\$0
	Lighting and Power Panels - Above 100 A	10	EA	7	\$0
	Main Distribution Panels - 400 - 600 amp	1	EA	7	\$0
	Main Distribution Panels - Greater than 600 amp	6	EA	7	\$0
	Transformers - 120/240 - 120/208	1	EA	6	\$3,021
Electrical System	Subtotal:				\$102,717

Building: Main

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	82,022	SF	6	\$29,323
	Fire Alarm_System	82,022	SF	6	\$39,879
Safty System	Subtotal:				\$69,202

Building: Main

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Built Up- Single Zone- Steam Coils - 8001 - 15000 cfm	1	EA	6	\$4,341
	Air Handling Unit- Built Up-Multi Zone-Double Delivery- Steam Coils - 30001 - 45000 cfm	1	EA	5	\$184,422
	Air Intake	2	EA	7	\$0
	Auxiliaries - 30001 - 45000 cfm	1	EA	5	\$18,883
	Auxiliaries - 8001 - 15000 cfm	1	EA	6	\$4,341
	Return Duct Work - Indoor- Vertical Shaft and Ducts	100	LF	7	\$0
	Return Duct Work - Masonry and Ducts- Missing or Existing Shaft	200	LF	7	\$0
	Zone Dampers	36	EA	6	\$29,989



Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cos
Boiler Systems					
	Boiler Auxiliary- Scotch Marine- Steam Low Pressure Boiler - 101 - 150 HP	2	EA	5	\$24,34
	Chemical Feeder	1	EA	6	\$1,07
	Combustion Dampers	2	EA	2	\$13,10
	Condensate Pump	2	EA	6	\$4,04
	Feed Water Pumps and Tank	1	EA	6	\$2,54
	Non Condensing- Fire Tube- Scotch Marine- Steam- Low Pressure Boiler - 101 - 150 HP	2	EA	5	\$24,34
	Piping - Condensate Pipe- Steel	400	LF	6	\$75
	Piping - Steam Pipe- Steel	400	LF	6	\$75
	Steam Traps	16	EA	5	\$21,03
	Vacuum Pump	1	EA	6	\$2,47
Gas Booster					
	Gas Booster	2	EA	6	\$99
Heating Devices					
	Cabinet Heaters - With Steam Coil	1	EA	5	\$1,76
	Radiators - Steam	3	EA	5	\$5,02
	Unit Heater - Electric	10	EA	5	\$10,07
	Unit Heater - Electric	3	EA	6	\$83
	Unit Heater - Gas	1	EA	5	\$1,52
Cemperature Control					
	Electric Thermostat	13	EA	6	9
	Hybrid Pneumatic/DDC System	82,022	SF	5	\$282,67
	Thermostats - DDC	2	EA	4	\$1,63
	Thermostats - DDC	28	EA	6	\$
/entilation					
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	4	\$6,39
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	5	EA	6	\$2,96
Mechanical Syste					\$650,345

Building: Main

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	5	\$2,249



Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	82,022	SF	6	\$16,421
	Domestic Piping-Cold Water Horizontal Lines	82,022	SF	6	\$19,940
	Domestic Piping-Cold Water Risers	82,022	SF	6	\$15,248
	Domestic Piping-Hot Water from Risers to Fixtures	82,022	SF	6	\$12,902
	Domestic Piping-Hot Water Horizontal Lines	82,022	SF	6	\$15,248
	Domestic Piping-Hot Water Return Lines	82,022	SF	6	\$11,729
	Domestic Piping-Hot Water Return Risers	82,022	SF	6	\$11,729
	Sanitary Piping	82,022	SF	6	\$75,067
	Storm Piping	82,022	SF	6	\$71,548
	Vent Piping	82,022	SF	6	\$55,127
Pumps					
	Pumps - Domestic Booster Pump-Simplex	1	EA	5	\$8,937
	Pumps - Ejector-Simplex	1	EA	6	\$745
Plumbing Sys	tem Subtotal:				\$316,889

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Computer Lab (1	l room)				
	AC Units	2	EA	6	\$991
	Casework	6	LF	6	\$152
	Ceiling - Plaster/Drywall	784	SF	6	\$2,713
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Wood	784	SF	6	\$5,527
	Lighting - Pendent/Surface	15	EA	6	\$1,858
	Marker Board	40	LF	6	\$857
	Storage/ Closet	115	SF	6	\$834
	Walls - Plaster/Drywall	1,120	SF	6	\$3,091
Music Room (1 r	room)				
	AC Units	1	EA	6	\$496
	Casework	6	LF	6	\$152
	Ceiling - Lay-in	1,026	SF	6	\$3,081
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	1	EA	6	\$301



Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Music Room (1 ro	om)				
	Floor - Tile/Sheet	1,026	SF	6	\$1,027
	Lighting - Pendent/Surface	17	EA	7	\$0
	Marker Board	24	LF	7	\$0
	Storage/ Closet	115	SF	6	\$834
	Walls - Plaster/Drywall	1,921	SF	6	\$5,302
Regular Classroor	m (22 rooms)				
	AC Units	23	EA	6	\$11,398
	Casework	1,069	LF	6	\$26,996
	Ceiling - Plaster/Drywall	19,604	SF	6	\$67,842
	Chalk Board	40	LF	4	\$3,672
	Doors - Transom Window	343	SF	6	\$5,807
	Doors - Wood Doors inclu hw	27	EA	6	\$8,127
	Floor - Epoxy/ Painted	891	SF	6	\$471
	Floor - Tile/Sheet	3,564	SF	6	\$3,568
	Floor - Wood	15,147	SF	6	\$106,785
	Lighting - Pendent/Surface	58	EA	6	\$7,186
	Lighting - Pendent/Surface	268	EA	7	\$0
	Marker Board	67	LF	6	\$1,435
	Marker Board	606	LF	7	\$0
	Storage/ Closet	2,070	SF	6	\$15,008
	Walls - Metal Panel	1,193	SF	7	\$0
	Walls - Plaster/Drywall	25	SF	5	\$128
	Walls - Plaster/Drywall	25,038	SF	6	\$69,102
Science Lab Level	l 1 (1 room)				
	AC Units	1	EA	6	\$496
	Casework	32	LF	6	\$808
	Ceiling - Plaster/Drywall	891	SF	6	\$3,083
	Doors - Transom Window	27	SF	6	\$457
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Eye Wash Station	1	EA	6	\$336
	Floor - Wood	891	SF	6	\$6,281
	Lighting - Pendent/Surface	15	EA	7	\$0
	Marker Board	24	LF	7	\$0
	Storage/ Closet	115	SF	6	\$834
	Walls - Plaster/Drywall	1,193	SF	6	\$3,293
	Work Sink	2	EA	6	\$758



Category: C	lassrooms				
Group	Item - Type	Quantity	Unit	Rank	Cost
Classrooms	Subtotal:				\$372,599

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative S	uites/Offices				
	AC Unit	4	EA	6	\$1,982
	Ceiling - Lay-in	466	SF	6	\$1,399
	Ceiling - Plaster/Drywall	3,523	SF	6	\$12,192
	Doors - Side-lite	66	SF	6	\$1,103
	Doors - Transom Window	27	SF	6	\$457
	Doors - Wood Doors inclu hw	5	EA	6	\$1,505
	Floor - Tile Ceramic/ Porcelain	585	SF	6	\$1,238
	Floor - Tile Quarry	36	SF	6	\$76
	Floor - Tile/Sheet	1,647	SF	6	\$1,649
	Floor - Wood	1,721	SF	6	\$12,133
	Lighting - Lay-in	7	EA	6	\$833
	Lighting - Pendent/Surface	75	EA	7	\$0
	Power Distribution	50	EA	7	\$0
	Storage/ Closet	60	SF	6	\$435
	Walls - Plaster/Drywall	4,965	SF	6	\$13,703
	Walls - Structural Glazed Tile	1,183	SF	6	\$3,722
Auditorium & The	eater				
	Balcony Seating	116	EA	6	\$20,174
	Ceiling - Plaster/Drywall	3,432	SF	6	\$28,612
	Doors - Wood Doors inclu hw	12	EA	6	\$3,612
	Floor - Tile/Sheet	686	SF	6	\$687
	Floor - Wood	2,745	SF	6	\$19,352
	Lighting - Pendent/Surface	7	EA	7	\$0
	Main Floor Seating	324	EA	6	\$56,349
	Sound System	1	EA	6	\$10,721
	Stage	437	SF	6	\$2,525
	Stage Curtain	6	EA	6	\$0
	Stage Lift	1	EA	6	\$6,510
	Stage Lighting System	1	EA	6	\$8,077
	Stage-Stairs - Wood	6	LF	6	\$70
	Stairs - Wood	6	LF	6	\$70



Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Auditorium & The	ater				
	Walls - Plaster/Drywall	3,922	SF	6	\$18,676
	Walls - Structural Glazed Tile	2,615	SF	6	\$8,227
Gymnasia					
	Ceiling - Plaster/Drywall	3,236	SF	6	\$17,862
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Sport Flooring	3,236	SF	6	\$6,987
	Lighting - Pendent/Surface	16	EA	7	\$0
	Walls - Plaster/Drywall	5,127	SF	6	\$14,150
Lunch & Multipur	pose Room				
	Ceiling - Plaster/Drywall	1,325	SF	6	\$4,585
	Floor - Tile/Sheet	1,325	SF	6	\$1,326
	Lighting - Pendent/Surface	32	EA	7	\$0
	Serving Line	12	LF	6	\$714
	Walls - Plaster/Drywall	698	SF	6	\$1,926
Mechanical/ Servi	ice Rooms				
	Boiler Room	3,002	SF	6	\$21,507
Restroom					
	Accessories	2,592	SF	6	\$23,907
	Ceiling - Plaster/Drywall	26	SF	5	\$325
	Ceiling - Plaster/Drywall	2,566	SF	6	\$8,880
	Doors - Transom Window	27	SF	6	\$457
	Doors - Wood Doors inclu hw	3	EA	6	\$903
	Floor - Concrete Epoxy/ Painted	462	SF	6	\$244
	Floor - Tile	192	SF	5	\$862
	Floor - Tile Ceramic/ Porcelain	1,938	SF	6	\$4,102
	Floor Drain	6	EA	6	\$6,355
	Hand Dryer	12	EA	6	\$2,761
	Lavatory	18	EA	6	\$5,753
	Lighting - Pendent/Surface	4	EA	6	\$496
	Lighting - Pendent/Surface	59	EA	7	\$0
	Partitions	35	EA	6	\$10,392
	Urinals	12	EA	6	\$4,032
	Walls - Concrete Block	3,774	SF	6	\$11,063
	Walls - Plaster/Drywall	6,060	SF	6	\$16,725
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Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Rooms (Other Than	Classrooms) Subtotal:				\$414,766

Building: Main

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Exposed	2,426	SF	6	\$3,608
	Ceiling - Lay-in	606	SF	6	\$1,820
	Ceiling - Plaster/Drywall	8,772	SF	6	\$54,315
	Doors - Steel Doors incl hw	6	EA	6	\$1,806
	Doors - Transom Window	13	EA	6	\$220
	Doors - Wood Doors include hw	10	EA	6	\$3,010
	Drinking Fountains - Single Fountain	12	EA	6	\$3,309
	Floor - Asphalt Floor	6,048	SF	6	\$9,168
	Floor - Tile/Sheet	3,032	SF	6	\$1,648
	Lighting - Pendent/Surface	28	EA	6	\$3,469
	Lighting - Pendent/Surface	88	EA	7	\$0
	Walls - Concrete Block	713	SF	6	\$2,090
	Walls - Plaster/Drywall	14,045	SF	6	\$62,261
	Walls - Structural Glazed Tile	1,070	SF	6	\$3,366
Safety					
	Camera Viewing Station	1	EA	6	\$683
	Security Cameras	14	EA	6	\$2,717
Stairs					
	Ceiling - Plaster/Drywall	1,296	SF	6	\$9,489
	Floor - Asphalt	1,166	SF	6	\$9,037
	Floor - Terrazzo	130	SF	6	\$1,091
	Handrails	352	LF	6	\$3,050
	Lighting - Lay-in	4	EA	6	\$476
	Lighting - Pendent/Surface	26	EA	6	\$3,221
	Stairs - Asphalt	167	LF	6	\$1,550
	Walls - Plaster/Drywall	2,646	SF	6	\$7,303
Puilding Inton					¢100 706

Building Interior Subtotal:

\$188,706



Total Building Cost

\$3,698,123

Group	Item - Type	Quantity	Unit	Rank	Cos
Entrance		-			
	Entrance Control - Audio	2	EA	6	\$99
	Exterior Doors - Exterior Steel Door	7	EA	6	\$3,36
	Exterior Doors - Store Front	8	EA	6	\$4,36
	Exterior Doors - Transom Lite	8	EA	6	\$2,50
Foundation					
	Foundation - Concrete	652	LF	7	\$
	Superstructure - Metal Deck/ Concrete Topping	57,687	SF	7	\$
Lighting					
	Exterior Lighting - Parapet or Roof Mounted	7	EA	6	\$3,75
	Exterior Lighting - Wall Mounted	6	EA	6	\$1,73
Roof System					
	Chimney - Metal Flue	10	LF	6	\$1,58
	Coping - Stone	839	LF	6	\$26,94
	Downspouts - Interior Downspouts	600	LF	6	\$19,94
	Parapet - 16" - 30" Height	10	LF	6	\$40
	Parapet - Parapet < 16" Height	64	LF	6	\$1,36
	Parapet - Parapet > 30"	388	LF	5	\$95,72
	Parapet - Parapet > 30"	377	LF	6	\$24,09
	Roof - Modified Bitumen	21,953	SF	6	\$206,56
	Roof Structure - Steel / Metal Deck/ Concrete Topping	21,953	SF	7	\$
Walls					
	Exterior Walls - Brick	19,677	SF	6	\$132,24
	Exterior Walls - Terra Cotta	4,136	SF	6	\$27,79
Windows					
	Guard - Guards perforated	1,860	SF	6	\$23,75
	Lintels - Steel	777	LF	6	\$22,55
	Windows - Sash Aluminum Double-pane	5,502	SF	6	\$41,07

Building: Addition

Category: Electrical System



Bernhard Moos Elementary School

1711 N California Ave Chicago, IL 60647

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	1	EA	6	\$408
	Emergency A/C Power - Corridors and Stairs	10,711	SF	6	\$3,217
	Emergency A/C Power - Lunchrooms	4,668	SF	6	\$1,736
	Emergency A/C Power - Students Toilets	1,797	SF	6	\$668
	Emergency Battery Packs - Corridors and Stairs	42	EA	6	\$8,505
	Emergency Battery Packs - Lunchrooms	4	EA	6	\$810
	Emergency Battery Packs - Students Toilets	6	EA	6	\$1,215
	Exit Signs - Corridors and Stairs	29	EA	7	\$0
	Exit Signs - Lunchroom	3	EA	7	\$0
	Security System - Intrusion Detection	57,687	SF	6	\$14,849
Main Service					
	Independent Electrical Service for emergency power	1	EA	7	\$0
	PA System	57,687	SF	6	\$18,973
Power Distribution					
	Lighting and Power Panels - 100 A	1	EA	3	\$4,849
	Lighting and Power Panels - 100 A	4	EA	7	\$0
	Lighting and Power Panels - Above 100 A	15	EA	7	\$0
	Main Distribution Panels - 400 - 600 amp	2	EA	7	\$0
	Main Distribution Panels - Greater than 600 amp	4	EA	7	\$0

Electrical System Subtotal:

Building: Addition

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Panel	1	EA	6	\$6,406
	Fire Alarm Strobe Lights	57,687	SF	6	\$20,623
	Fire Alarm_System	57,687	SF	6	\$28,047
	Fire Pump Controller	1	EA	7	\$0
Pump Room Assem	nbly				
	Fire Pump - 25-50 hp	1	EA	7	\$0
	Jockey Pump	1	EA	6	\$758
Sprinkler System					
	Sprinkler Heads	57,687	SF	7	\$0
	Sprinkler Piping	57,687	SF	6	\$10,724
	Wet Sprinkler System	57,687	SF	6	\$14,849

\$55,230



Building: Addition

Category: S	afty System		
Group	Item - Type	Quantity Unit Rank	Cost
Safty Syster	n Subtotal:		\$81,407

Building: Addition

Category: Mechanical System

Air Conditioning					Cost
	Chemical Pot Feeder	1	EA	6	\$606
	Chiller-Air Cooled-Screw Type-Roof Mounted - 101 - 200 tons	1	EA	5	\$63,450
	Condensing Unit- Ground Mounted - Less than 5 tons	2	EA	6	\$6,667
	Condensing Unit- Roof Mounted - Less than 5 tons	2	EA	5	\$14,757
	Glycol Feed	1	EA	6	\$490
	Pipes - Chilled Water Pipe- Galvanized	200	LF	6	\$378
	Pressure Fill System	1	EA	6	\$1,405
Air Handling Systems					
	Air Handling Unit Package Multi Zone- Indoor- Daul Temperature Coils - 15001-20000 cfm	1	EA	5	\$64,830
	Air Handling Unit Package Multi Zone- Indoor- Daul Temperature Coils - Greater than 30,000 cfm	1	EA	5	\$99,199
	Air Handling Unit- Package Single Zone- Indoor- Daul Temperature Coils 10001-15000 cfm	1	EA	6	\$3,350
	Air Intake	3	EA	6	\$17,294
	Fan Coil Unit- Celing Mounted - Electric	1	EA	6	\$820
	Fan Power Box - Fan Power Box with Hot Water Coil	46	EA	6	\$22,668
	Indoor Return Fans- Centrifugal Inline - 5000 - 10000 CFM	1	EA	6	\$1,857
	Indoor Return Fans- Centrifugal Inline - Greater than 20000 CFM	2	EA	6	\$4,865
	VAV Box	9	EA	6	\$2,512
	Zone Dampers	58	EA	6	\$48,316
Boiler Systems					
	Boiler Auxiliary- Non Condensing Hot Water - 1001 - 2000 MBH	2	EA	6	\$4,093
	Chemical Pot Feeder	1	EA	6	\$725
	Combustion Dampers	2	EA	6	\$818
	Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler - 1001 - 2000 MBH	2	EA	5	\$93,399
	Water Fill System	1	EA	6	\$1,168
Gas Booster					
	Gas Booster	1	EA	6	\$499
Heating Devices					
	Cabinet Heaters - With Hot Water Coil	3	EA	6	\$1,063



Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Heating Devices					
	Radiators - Hot Water	3	EA	5	\$4,866
	Unit Heater - Electric	1	EA	6	\$278
Mechanical Plumbing	g				
	Chilled Water Pump - 10 - 20 HP	2	EA	6	\$2,485
	Hot Water Pump - 10 - 20 HP	2	EA	6	\$2,485
	Hot Water Pump - Less than 10	3	EA	6	\$3,334
	Hydronic Supply and Return - Galvanized	600	LF	6	\$46,392
Temperature Control	I Contraction of the second				
	DDC System	57,687	SF	6	\$32,997
	Electric Thermostat	1	EA	6	\$0
	Thermostats - DDC	55	EA	6	\$0
Ventilation					
	Exhaust Fans- Indoor - 500 - 1500 CFM	1	EA	6	\$592
	Exhaust Fans- Indoor - Less than 500 CFM	1	EA	6	\$296
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	2	EA	6	\$1,185
	Exhaust Fans- Roof Mounted - Greater than 8000 CFM	1	EA	6	\$592
	Type I Exhaust Hood- Kitchen	2	EA	6	\$2,495
	Type II Exhaust Hood- Warming Kitchen	1	EA	6	\$920
Mechanical Syst	em Subtotal:				\$554,147

Mechanical System Subtotal:

Building: Addition

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Electric Heater - Greater than 50 KW	1	EA	5	\$2,652
	Gas Heater - 150000 - 300000 BTU/HR	2	EA	6	\$620
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	57,687	SF	6	\$11,549
	Domestic Piping-Cold Water Horizontal Lines	57,687	SF	6	\$14,024
	Domestic Piping-Cold Water Risers	57,687	SF	6	\$10,724
	Domestic Piping-Hot Water from Risers to Fixtures	57,687	SF	6	\$9,074
	Domestic Piping-Hot Water Horizontal Lines	57,687	SF	6	\$10,724
	Domestic Piping-Hot Water Return Lines	57,687	SF	6	\$8,249
	Domestic Piping-Hot Water Return Risers	57,687	SF	6	\$8,249



Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Sanitary Piping	57,687	SF	6	\$52,795
	Storm Piping	57,687	SF	6	\$50,320
	Vent Piping	57,687	SF	6	\$38,771
Pumps					
	Pumps - Domestic Booster Pump-Duplex	1	EA	6	\$1,977
	Pumps - Sump-Simplex	1	EA	6	\$745
Plumbing Sys	stem Subtotal:				\$220,474

Building: Addition

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Pre School (4 roo	oms)				
	AC Units	2	EA	6	\$991
	Casework	98	LF	6	\$2,475
	Ceiling - Lay-in	3,306	SF	6	\$9,928
	Ceiling - Plaster/Drywall	1,102	SF	6	\$3,814
	Doors - Side-lite	40	SF	6	\$669
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Wood Doors inclu hw	10	EA	6	\$3,010
	Floor - Tile	4,408	SF	6	\$9,644
	Lighting - Lay-in	68	EA	7	\$0
	Marker Board	48	LF	7	\$0
	Storage/ Closet	160	SF	6	\$1,160
	Walls - Concrete Block	2,930	SF	6	\$8,589
	Walls - Plaster/Drywall	1,470	SF	6	\$4,057
	Work Sink	4	EA	6	\$1,516
Regular Classroo	om (14 rooms)				
	Casework	532	LF	6	\$13,435
	Ceiling - Lay-in	35	SF	5	\$279
	Ceiling - Lay-in	11,501	SF	6	\$34,538
	Doors - Side-lite	10	SF	5	\$700
	Doors - Side-lite	130	SF	6	\$2,173
	Doors - Wood Doors inclu hw	7	EA	5	\$8,219
	Doors - Wood Doors inclu hw	7	EA	6	\$2,107
	Floor - Tile	11,536	SF	6	\$25,240

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classro	oom (14 rooms)				
	Lighting - Lay-in	2	EA	6	\$238
	Lighting - Lay-in	194	EA	7	\$0
	Marker Board	332	LF	7	\$0
	Walls - Concrete Block	6	SF	5	\$85
	Walls - Concrete Block	9,182	SF	6	\$26,917
	Walls - Plaster/Drywall	4,560	SF	6	\$12,585
Classrooms	Subtotal:				\$172,668

Classrooms Subtotal:

Building: Addition

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Su	uites/Offices				
	AC Unit	3	EA	6	\$1,487
	Ceiling - Lay-in	2	SF	4	\$28
	Ceiling - Lay-in	40	SF	5	\$319
	Ceiling - Lay-in	2,722	SF	6	\$8,174
	Ceiling - Plaster/Drywall	1,216	SF	6	\$4,208
	Doors - Side-lite	128	SF	6	\$2,140
	Doors - Steel Doors incl hw	3	EA	6	\$903
	Doors - Steel Doors incl hw	1	EA	7	\$0
	Doors - Wood Doors inclu hw	13	EA	6	\$3,913
	Floor - Carpet	811	SF	6	\$1,728
	Floor - Terrazzo	118	SF	6	\$258
	Floor - Tile	1,991	SF	6	\$4,356
	Floor - Tile/Sheet	30	SF	5	\$173
	Floor - Tile/Sheet	1,030	SF	6	\$1,031
	Lighting - Lay-in	43	EA	7	\$0
	Lighting - Pendent/Surface	18	EA	6	\$2,230
	Lighting - Pendent/Surface	12	EA	7	\$0
	Power Distribution	124	EA	7	\$0
	Storage/ Closet	24	SF	6	\$174
	Walls - Concrete Block	3,234	SF	6	\$9,480
	Walls - Plaster/Drywall	3,223	SF	6	\$8,895
	Walls - Structural Glazed Tile	445	SF	6	\$1,400
	Walls - Tile Ceramic/ Porcelain	446	SF	6	\$1,008
	Work SInk	7	EA	6	\$3,557



Building: Addition

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Su	uites/Offices				
Kitchen					
	Ceiling - Lay-in	1,088	SF	6	\$3,267
	Floor - Concrete Epoxy/ Painted	1,088	SF	6	\$576
	Lighting - Lay-in	20	EA	7	\$0
	Storage/ Closet	130	SF	6	\$943
	Walls - Concrete Block	1,022	SF	6	\$2,996
Library					
2.0.1 4.1 9	Ceiling - Lay-in	8	SF	5	\$64
	Ceiling - Lay-in	1,892	SF	6	\$5,682
	Doors - Side-lite	20	SF	6	\$334
	Doors - Wood Doors inclu hw	2	EA	5	\$2,348
	Floor - Carpet	1,900	SF	6	\$4,048
	Lighting - Lay-in	26	EA	7	\$0
	Walls - Concrete Block	1,204	SF	6	\$3,530
	Walls - Plaster/Drywall	2	SF	5	\$10
	Walls - Plaster/Drywall	318	SF	6	\$878
Lunch & Multipur	rnose Room				
	Ceiling - Exposed	3,420	SF	6	\$5,086
	Ceiling - Lay-in	1,248	SF	6	\$3,748
	Floor - Tile/Sheet	4,668	SF	6	\$4,673
	Lighting - Metal Halide/Sodium Vapor	16	EA	7	\$0
	Lighting - Pendent/Surface	12	EA	7	\$0
	Serving Line	46	LF	6	\$2,738
	Walls - Concrete Block	6,518	SF	6	\$19,108
	Walls - Structural Glazed Tile	2,106	SF	6	\$6,625
MDF_IDF		,	_		¥ - J
	Doors - Steel Doors incl hw	1	EA	7	\$0
	Finishes	480	SF	6	\$3,425
	Ventilation and Cooling	1	EA	6	\$1,855
Mechanical/ Serv	-				
	Boiler Room	2,962	SF	6	\$21,221
	Janitor's Closet	75	SF	6	\$537
	Mechanical/ Service Rooms	513	SF	6	\$3,675
	Storage Room	962	SF	6	\$6,892
		502	01	0	ψ0,032



Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Accessories	2,086	SF	6	\$19,240
	Ceiling - Lay-in	457	SF	6	\$1,372
	Ceiling - Plaster/Drywall	1,629	SF	6	\$5,637
	Doors - Steel Doors incl hw	5	EA	6	\$1,505
	Doors - Wood Doors inclu hw	5	EA	6	\$1,505
	Floor - Concrete Epoxy/ Painted	90	SF	6	\$48
	Floor - Terrazzo	1,629	SF	6	\$3,564
	Floor - Tile	42	SF	5	\$189
	Floor - Tile	325	SF	6	\$711
	Floor Drain	22	EA	6	\$23,301
	Hand Dryer	12	EA	6	\$2,761
	Lavatory	3	EA	5	\$4,769
	Lavatory	25	EA	6	\$7,990
	Lighting - Lay-in	1	EA	6	\$119
	Lighting - Lay-in	21	EA	7	\$0
	Lighting - Pendent/Surface	12	EA	7	\$0
	Urinals	6	EA	6	\$2,016
	Walls - Structural Glazed Tile	8,097	SF	6	\$25,473
	Water Closet	28	EA	6	\$9,407
Rooms (Other	Than Classrooms) Subtotal:				\$269,328

Rooms (Other Than Classrooms) Subtotal:

Building: Addition

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Lay-in	8,657	SF	6	\$25,997
	Ceiling - Plaster/Drywall	342	SF	6	\$2,118
	Doors - Steel Doors incl hw	30	EA	7	\$0
	Doors - Wood Doors include hw	2	EA	7	\$0
	Drinking Fountains - Single Fountain	13	EA	6	\$3,585
	Floor - Terrazzo	8,771	SF	6	\$73,625
	Lighting - Lay-in	330	EA	7	\$0
	Stairs - Terrazzo	27	LF	6	\$251
	Walls - Structural Glazed Tile	14,710	SF	6	\$46,278



Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Safety					
	Security Cameras	16	EA	6	\$3,105
Stairs					
	Ceiling - Exposed	480	SF	6	\$714
	Ceiling - Lay-in	40	SF	5	\$357
	Ceiling - Lay-in	2,020	SF	6	\$6,066
	Floor - Terrazzo	1,940	SF	6	\$16,285
	Handrails	244	LF	6	\$2,114
	Lighting - Lay-in	37	EA	7	\$0
	Lighting - Wall Mounted	8	EA	7	\$0
	Stairs - Terrazzo	100	LF	6	\$928
	Walls - Structural Glazed Tile	5,440	SF	6	\$17,114
Vertical Conveyance	3				
	Elevator - Hydraulic Elevator	1	EA	6	\$19,238
Building Interior	r Subtotal:				\$217,773
Total Building Cost					\$2,211,793
SITE					
Category: Site					
Group	Item - Type	Quantity	Unit	Rank	Cost
Civil/Drainage					
	Civil/ Drainage - Catch Basin	5	EA	6	\$5,469
	Civil/ Drainage - Site Manhole	18	EA	6	\$26,869

Fencing						
	Fencing - New Standard Ornamental	1,373	LF	6	\$43,803	
Landscape						
	Benches	2	EA	6	\$860	
	Landscape - Grass	28,751	SF	6	\$23,846	
	Landscape - Hardscape- Concrete	15,389	SF	6	\$79,443	
	Parkway trees	48	EA	6	\$31,682	
	Planting Beds/ Area	7,284	SF	6	\$11,979	
	Trash Receptacles	3	EA	6	\$937	



SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Parking Lot					
	Interior Plantings	53	LF	6	\$2,255
	Surface - Asphalt	23,977	SF	6	\$57,945
	Surface - Concrete	1,226	SF	6	\$2,963
	Trash Compactor	1	EA	6	\$C
	Trash Enclosure - Masonry	627	SF	6	\$24,737
	Vehicular Screening	384	LF	6	\$30,235
Playground					
	Equipment - School Age 5-12	1	EA	6	\$3,546
	Surface - Poured Surface	2,209	SF	5	\$30,357
Sidewalks					
	Sidewalks - Perimeter Sidewalks	15,090	SF	6	\$29,994
Signage					
	Flag Pole - Building Mounted Flag Pole	1	EA	7	\$0
	Marquee - Free Standing Back lighted w/ LED	1	EA	6	\$0
	Monument - Sign	1	EA	6	\$0
Site Subtotal:					\$406,920
Total Site Cost					\$406,920

Campus Total ^{2 3}	\$6,316,836
•	

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	+	+	-							*	-		•	+
Computer Lab	Regular Classroom	1st Floor	107	107	784	1	31	73	62	24	40	N	Y	Ν
Music Room	Music Room	2nd Floor	204	204	1,026	2	35	82	94	36	40	N	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	100	100	891	0	1	6	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	1st Floor	101	101	891	1		6	109	54	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	102	102	891	1		14	78	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	103	103	891	1		9	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	106	106	891	1	18	68	78	60	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	108	108	891	1		8	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	109	109	891	1		7	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	200	200	891	0	1	18	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	201	201	891	1		8	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	202	202	891	1		10	109	54	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	203	203	891		1	17	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	206	206	891	1		11	78	60	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	207	207	891		1	66	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	208	208	891	1		10	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	209	209	891	2	2	19	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	300	300	891	0	1	18	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	3rd Floor	301	301	891	0	1	16	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	3rd Floor	302	302	891	0	1	16	109	54	40	Ν	Ν	Ν
Regular Classroom	Regular Classroom	3rd Floor	304	304	891	0	0	12	94	36	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	306	306	891	1	1	14	78	60	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	307	307	891		1	17	62	24	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	309	309	891	1		9	62	24	40	Ν	Y	Ν
Science Lab Level 1	Regular Classroom	3rd Floor	303	303	891		1	17	62	24	40	Ν	Y	Ν
Addition														
Pre School	Kindergarten	Basement	001	001A	1,102	1	8	24	152	16	40	Y	Ν	Ν
Pre School	Kindergarten	Basement	003	003A	1,102	1	8	24	152	16	40	Y	Ν	Ν
Pre School	Kindergarten	Basement	005	005A	1,102	1	8	24	152	16	40	Y	Ν	Ν
Pre School	Kindergarten	Basement	006	006A	1,102	1	8	24	152	16	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	1st Floor	110	2-02	824	1	6	28	114	12	40	Y	N	N
Regular Classroom	Regular Classroom	1st Floor	112	2-03	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	1st Floor	113	2-16	824	1	6	28	114	12	40	Y	N	N
Regular Classroom	Regular Classroom	1st Floor	114	2-04	824	1	6	28	114	12	40	Y	N	N
Regular Classroom	Regular Classroom	1st Floor	115	2-15	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	1st Floor	116	2-05	824	1	6	28	114	12	40	Y	Ν	Ν



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														
Regular Classroom	Regular Classroom	2nd Floor	210	3-02	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	211	3-16	824	1	6	28	114	12	40	Y	Ν	N
Regular Classroom	Regular Classroom	2nd Floor	212	3-03	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	213	3-15	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	214	3-04	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	215	3-14	824	1	6	28	114	12	40	Y	Ν	Ν
Regular Classroom	Regular Classroom	2nd Floor	216	3-05	824	1	6	28	114	12	40	Y	Ν	N
Regular Classroom	Regular Classroom	2nd Floor	217	3-13	824	1	6	28	114	12	40	Y	Ν	Ν

MOOS