

# **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 condition<sup>1</sup>. 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	1915	3	101,885	\$5,986,130
Addition	1999	3	43,890	\$2,404,295
SITE				\$328,105
Campus Total			145,775	\$8,718,529

#### **Building: Main**

#### **Category: Building Exterior**

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Exterior Doors - Exterior FRP Door	4	EA	6	\$2,526
	Exterior Doors - Exterior Steel Door	9	EA	6	\$4,325
	Exterior Doors - Store Front	1	EA	5	\$1,836
	Exterior Doors - Store Front	7	EA	6	\$3,823
	Exterior Doors - Transom Lite	10	EA	6	\$3,133
	Exterior Stairs - Concrete	383	LF	5	\$41,969
	Exterior Stairs - Concrete	156	LF	6	\$12,756
	Ramp Handrail - Steel_Ramp Handrail	24	LF	6	\$208
	Ramps - Concrete	22	LF	6	\$3,305
Foundation					
	Foundation - Masonry	2	LF	5	\$0
	Foundation - Masonry	768	LF	7	\$0
	Superstructure - Heavy Timber	101,885	SF	7	\$0
Lighting					
	Exterior Lighting - Wall Mounted	20	EA	6	\$5,775
Roof System					
	Cell Tower	1	EA	6	\$736



Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Roof System					
	Chimney - Brick Chimney- Concrete/ Mortar Liner	57	LF	5	\$162,539
	Chimney - Brick Chimney- Concrete/ Mortar Liner	55	LF	6	\$52,508
	Coping - Clay Tile	24	LF	6	\$771
	Coping - Metal	655	LF	6	\$21,603
	Coping - Stone	47	LF	6	\$1,510
	Coping - Terra Cotta	914	LF	6	\$29,356
	Downspouts - Exterior Downspouts	161	LF	6	\$5,351
	Downspouts - Interior Downspouts	204	LF	6	\$6,780
	Parapet - 16" - 30" Height	858	LF	6	\$34,281
	Parapet - Parapet < 16" Height	336	LF	6	\$7,159
	Parapet - Parapet > 30"	100	LF	5	\$32,824
	Parapet - Parapet > 30"	380	LF	6	\$24,290
	Roof - Modified Bitumen	35,766	SF	5	\$752,349
	Roof Structure - Heavy Timber	750	SF	7	\$0
	Roof Structure - Steel with Clay Tile Arch	35,016	SF	7	\$0
Walls					
	Canopy - Concrete/ Stucco	1,200	SF	6	\$39,708
	Cheek-Wall - Stone	60	SF	6	\$615
	Cornice - Masonry Projecting Limestone	770	LF	6	\$26,702
	Cornice - Metal Projecting	235	LF	6	\$8,149
	Exterior Walls - Brick	41,355	SF	6	\$277,947
	Exterior Walls - Prefabricated Metal Panel Wall	6,593	SF	6	\$37,429
	Exterior Walls - Stone-Cast	5,340	SF	6	\$35,890
Windows					
	Guard - Guards perforated	3,760	SF	6	\$48,015
	Lintels - Steel	836	LF	6	\$24,268
	Skylite - Lexan	288	SF	6	\$6,882
	Windows - Sash Aluminum Double-pane	1,672	SF	5	\$90,067
	Windows - Sash Aluminum Double-pane	6,688	SF	6	\$49,923
Building Exter	ior Subtotal:				\$1,857,306
Building: Mair					
Category: Elec	-				
Group	Item - Type	Quantity	Unit	Rank	Cost



Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cos
Emergency System					
	Automatic Transfer Switch	1	EA	6	\$408
	Emergency A/C Power - Auditoium and Aisle Lighting	9,312	SF	6	\$4,927
	Emergency A/C Power - Corridors and Stairs	21,581	SF	6	\$6,481
	Emergency A/C Power - Gym	3,034	SF	6	\$1,128
	Emergency A/C Power - Students Toilets	1,704	SF	6	\$634
	Emergency Battery Packs - Auditoium and Aisle Lighting	10	EA	6	\$2,025
	Emergency Battery Packs - Corridors and Stairs	7	EA	6	\$1,418
	Emergency Battery Packs - Gym	4	EA	6	\$810
	Emergency Battery Packs - Students Toilets	4	EA	6	\$810
	Exit Signs - Auditoium	12	EA	6	\$1,797
	Exit Signs - Corridors and Stairs	25	EA	6	\$3,744
	Exit Signs - Gym	2	EA	6	\$315
	Security System - CCTV	101,885	SF	6	\$30,596
	Security System - Intrusion Detection	101,885	SF	6	\$26,225
Main Service					
	Independent Electrical Service for emergency power	1	EA	6	\$2,921
	Main Electrical Service- Live Front - 1200 A 120/208/3PH	1	EA	4	\$36,032
	PA System	101,885	SF	6	\$33,510
Power Distribution					
	Lighting and Power Panels - 100 A	2	EA	6	\$598
	Lighting and Power Panels - Above 100 A	1	EA	4	\$6,578
	Lighting and Power Panels - Above 100 A	7	EA	6	\$3,479
Electrical System	Subtotal:				\$164,435
					÷•••,•••

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Panel	1	EA	6	\$6,406
	Fire Alarm Strobe Lights	101,385	SF	6	\$36,245
	Fire Alarm_System	101,885	SF	6	\$49,536
Safty System	Subtotal:				\$92,187

## **Building: Main**



# **Category: Mechanical System**

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Built Up-Multi Zone- Steam Coils - 25001 - 35000 cfm	1	EA	5	\$78,608
	Air Handling Unit- Built Up-Multi Zone-Double Delivery- Steam Coils - 45001 - 60000 cfm	1	EA	5	\$238,245
	Air Intake	2	EA	6	\$11,529
	Auxiliaries - 25001 - 35000 cfm	1	EA	6	\$6,511
	Auxiliaries - 45001 - 60000 cfm	1	EA	6	\$10,328
	Return Duct Work - Indoor- Vertical Shaft and Ducts	200	LF	4	\$0
	Zone Dampers	42	EA	6	\$34,987
Boiler Systems					
	Boiler Auxiliary- Scotch Marine- Steam Low Pressure Boiler - 151 - 200 HP	2	EA	5	\$34,033
	Chemical Feed System	1	EA	5	\$3,075
	Combustion Dampers	2	EA	5	\$5,104
	Feed Water Pumps and Tank	1	EA	6	\$2,545
	Non Condensing- Fire Tube- Scotch Marine- Steam- Low Pressure Boiler - 151 - 200 HP	2	EA	5	\$34,033
	Piping - Condensate Pipe- Steel	400	LF	6	\$755
	Piping - Steam Pipe- Steel	400	LF	6	\$755
	Steam Traps	20	EA	5	\$26,298
Gas Booster					
	Gas Booster	1	EA	6	\$499
Heating Devices					
	Unit Heater - Electric	3	EA	6	\$833
	Unit Heater - Gas	1	EA	5	\$1,527
	Wall Heater - Electric	4	EA	4	\$4,330
	Wall Heater - Electric	5	EA	6	\$695
Mechanical Plumbing					
	Condenser Pump - Less than 10	2	EA	4	\$73,819
	Condenser Pump - Less than 10	1	EA	6	\$1,111
Temperature Control					
	Electric Thermostat	1	EA	6	\$0
	Pneumatic System	101,885	SF	4	\$530,332
	Thermostats - Pneumatic	48	EA	4	\$35,387
Ventilation					
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	2	EA	4	\$8,489
	Exhaust Fans- Roof Mounted - Less than 500 CFM	1	EA	6	\$296



## **Building: Main**

Category:	Mechanical	System
-----------	------------	--------

Mechanical Sys	stem Subtotal:					\$1,144,125
Group	Item - Type		Quantity	Unit	Rank	Cost
• • •						

## **Building: Main**

#### Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	6	\$310
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	101,885	SF	4	\$72,848
	Domestic Piping-Cold Water Horizontal Lines	101,885	SF	4	\$147,153
	Domestic Piping-Cold Water Risers	101,885	SF	4	\$81,590
	Domestic Piping-Hot Water from Risers to Fixtures	101,885	SF	4	\$55,364
	Domestic Piping-Hot Water Horizontal Lines	101,885	SF	4	\$131,126
	Domestic Piping-Hot Water Return Lines	101,885	SF	4	\$87,417
	Domestic Piping-Hot Water Return Risers	101,885	SF	4	\$49,536
	Sanitary Piping	101,885	SF	6	\$93,245
	Storm Piping	101,885	SF	6	\$88,874
	Vent Piping	101,885	SF	6	\$68,477
Pumps					
	Pumps - Domestic Booster Pump-Simplex	1	EA	6	\$1,446
	Pumps - Ejector-Duplex	1	EA	6	\$1,387
	Pumps - Sump-Simplex	1	EA	6	\$745
Plumbing Sys	tem Subtotal:				\$879,518

# **Plumbing System Subtotal:**

#### **Building: Main**

## **Category: Classrooms**

Group	Item - Type	Quantity	Unit	Rank	Cost
Kindergarten (2 rooms)					
	Casework	89	LF	6	\$2,248
	Ceiling - Plaster/Drywall	1,609	SF	6	\$5,568
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Wood	1,609	SF	6	\$11,343
	Lighting - Pendent/Surface	29	EA	7	\$0
	Marker Board	28	LF	7	\$0



Category	<i>.</i> .	Classrooms
Caleuon	1.	<b>CIASSI UUIIIS</b>

Group	Item - Type	Quantity	Unit	Rank	Cost
Kindergarten (2 i	rooms)				
	Storage/ Closet	106	SF	6	\$769
	Walls - Plaster/Drywall	2,816	SF	6	\$7,772
	Work Sink	1	EA	6	\$379
Other Instruction	nal Use (2 rooms)				
	Casework	15	LF	6	\$379
	Ceiling - Plaster/Drywall	965	SF	6	\$3,339
	Doors - Transom Window	10	SF	6	\$169
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Wood	965	SF	6	\$6,803
	Lighting - Pendent/Surface	16	EA	7	\$0
	Marker Board	18	LF	7	\$0
	Storage/ Closet	25	SF	6	\$181
	Walls - Plaster/Drywall	5	SF	5	\$26
	Walls - Plaster/Drywall	2,347	SF	6	\$6,477
Pre School (2 roo	oms)				
	Casework	42	LF	6	\$1,061
	Ceiling - Lay-in	2,158	SF	6	\$6,480
	Ceiling - Plaster/Drywall	8	SF	5	\$86
	Ceiling - Plaster/Drywall	70	SF	6	\$242
	Doors - Transom Window	36	SF	6	\$610
	Doors - Wood Doors inclu hw	4	EA	6	\$1,204
	Floor - Tile	2,233	SF	6	\$4,886
	Lighting - Lay-in	2	EA	7	\$0
	Lighting - Pendent/Surface	40	EA	7	\$0
	Marker Board	40	LF	7	\$0
	Storage/ Closet	100	SF	6	\$725
	Walls - Plaster/Drywall	5	SF	5	\$26
	Walls - Plaster/Drywall	3,718	SF	6	\$10,261
	Work Sink	2	EA	6	\$758
Regular Classroo	om (29 rooms)				
	AC Units	2	EA	3	\$12,173
	Casework	904	LF	6	\$22,829
	Ceiling - Plaster/Drywall	13	SF	5	\$162
	Ceiling - Plaster/Drywall	21,609	SF	6	\$74,780
	Chalk Board	100	LF	4	\$9,181
	Chalk Board	25	LF	6	\$558



Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classroo	om (29 rooms)				
	Doors - Transom Window	254	SF	6	\$4,301
	Doors - Wood Doors inclu hw	29	EA	6	\$8,729
	Floor - Tile	912	SF	6	\$1,995
	Floor - Wood	21,510	SF	6	\$151,643
	Lighting - Pendent/Surface	14	EA	6	\$1,735
	Lighting - Pendent/Surface	384	EA	7	\$0
	Marker Board	540	LF	7	\$0
	Storage/ Closet	1,514	SF	6	\$10,977
	Walls - Plaster/Drywall	62	SF	5	\$317
	Walls - Plaster/Drywall	40,346	SF	6	\$111,351
	Work Sink	1	EA	4	\$8,619
	Work Sink	1	EA	6	\$379
Special Education	n (1 room)				
	Casework	25	LF	6	\$631
	Ceiling - Plaster/Drywall	726	SF	6	\$2,512
	Chalk Board	8	LF	4	\$734
	Doors - Transom Window	10	SF	6	\$169
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Wood	726	SF	6	\$5,118
	Lighting - Pendent/Surface	14	EA	7	\$0
	Marker Board	16	LF	7	\$0
	Storage/ Closet	55	SF	6	\$399
	Walls - Plaster/Drywall	1,291	SF	6	\$3,563
	Work Sink	1	EA	6	\$379
Special Program	(2 rooms)				
	Casework	27	LF	6	\$682
	Ceiling - Plaster/Drywall	979	SF	6	\$3,388
	Chalk Board	15	LF	4	\$1,377
	Doors - Transom Window	10	SF	6	\$169
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Wood	979	SF	6	\$6,902
	Lighting - Pendent/Surface	16	EA	7	\$0
	Marker Board	21	LF	7	\$0
	Storage/ Closet	54	SF	6	\$392
	Walls - Plaster/Drywall	2,324	SF	6	\$6,414



Category: C	lassrooms		
Group	Item - Type	Quantity Unit Rank	Cost
Classrooms	Subtotal:		\$526,761

## **Building: Main**

## Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Su	uites/Offices				
	AC Unit	2	EA	6	\$991
	Ceiling - Exposed	310	SF	6	\$461
	Ceiling - Plaster/Drywall	1,770	SF	6	\$6,125
	Doors - Transom Window	60	SF	6	\$1,016
	Doors - Wood Doors inclu hw	12	EA	6	\$3,612
	Floor - Concrete	5	SF	5	\$11
	Floor - Concrete	704	SF	6	\$372
	Floor - Tile	1,228	SF	6	\$2,687
	Floor - Wood	148	SF	5	\$2,165
	Lighting - Pendent/Surface	33	EA	7	\$0
	Lighting - Wall Mounted	4	EA	7	\$0
	Power Distribution	60	EA	6	\$127,493
	Storage/ Closet	403	SF	6	\$2,922
	Walls - Plaster/Drywall	6	SF	5	\$31
	Walls - Plaster/Drywall	6,274	SF	6	\$17,316
Auditorium & The	eater				
	Balcony Seating	459	EA	6	\$79,828
	Ceiling - Plaster/Drywall	10	SF	5	\$315
	Ceiling - Plaster/Drywall	10,287	SF	6	\$85,762
	Doors - Wood Doors inclu hw	16	EA	6	\$4,816
	Floor - Tile	985	SF	6	\$2,155
	Floor - Wood	9,312	SF	6	\$65,649
	Lighting - Lay-in	40	EA	7	\$0
	Lighting - Pendent/Surface	64	EA	7	\$0
	Lighting - Wall Mounted	13	EA	7	\$0
	Main Floor Seating	800	EA	6	\$139,133
	Sound System	1	EA	6	\$10,721
	Stage	985	SF	6	\$5,691
	Stage Curtain	4	EA	5	\$49,148
	Stage Lighting System	1	EA	7	\$0
	Stage-Stairs - Tile	10	LF	6	\$93



Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Auditorium & Thea					
	Stairs - Asphalt	36	LF	6	\$334
	Walls - Plaster/Drywall	12,010	SF	6	\$57,190
Gymnasia					
	Ceiling - Plaster/Drywall	3,034	SF	6	\$16,747
	Doors - Transom Window	38	SF	6	\$643
	Doors - Wood Doors inclu hw	4	EA	6	\$1,204
	Floor - Wood	3,034	SF	6	\$21,389
	Lighting - Pendent/Surface	16	EA	7	\$0
	Scoreboards	1	EA	6	\$2,244
	Storage/ Closet	310	SF	6	\$2,248
	Walls - Plaster/Drywall	5,029	SF	6	\$13,880
MDF_IDF					
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Finishes	44	SF	6	\$314
	Ventilation and Cooling	1	EA	4	\$16,431
Mechanical/ Servio	ce Rooms				
	Air Intake Plenums	1,334	SF	6	\$8,260
	Auditorium Plenums	6,077	SF	6	\$37,628
	Boiler Room	1,379	SF	5	\$22,244
	Coal Room	607	SF	6	\$4,349
	Interior Stairs	18	LF	6	\$162
	Janitor's Closet	43	SF	5	\$694
	Janitor's Closet	21	SF	6	\$150
	Mechanical/ Service Rooms	728	SF	6	\$5,216
	Storage Room	898	SF	6	\$6,434
Restroom					
	Accessories	2,303	SF	6	\$21,242
	Ceiling - Exposed	245	SF	6	\$364
	Ceiling - Plaster/Drywall	2,243	SF	6	\$7,762
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Doors - Wood Doors inclu hw	17	EA	6	\$5,117
	Floor - Concrete Epoxy/ Painted	90	SF	6	\$48
	Floor - Tile	9	SF	5	\$45
	Floor - Tile	319	SF	6	\$698
	Floor - Tile Ceramic/ Porcelain	2,070	SF	6	\$4,381



## Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Floor Drain	8	EA	6	\$8,473
	Hand Dryer	12	EA	6	\$2,761
	Lavatory	23	EA	6	\$7,351
	Lighting - Chandelier, Incandescent	1	EA	6	\$478
	Lighting - Lay-in	2	EA	7	\$0
	Lighting - Pendent/Surface	41	EA	7	\$0
	Lighting - Wall Mounted	1	EA	7	\$0
	Partitions	1	EA	5	\$751
	Partitions	26	EA	6	\$7,720
	Urinals	1	EA	5	\$1,344
	Urinals	13	EA	6	\$4,368
	Walls - Concrete Block	1,142	SF	6	\$3,348
	Walls - Plaster/Drywall	27	SF	5	\$135
	Walls - Plaster/Drywall	4,408	SF	6	\$12,166
	Walls - Structural Glazed Tile	952	SF	6	\$2,995
	Walls - Tile Ceramic/ Porcelain	1,104	SF	6	\$2,494
	Water Closet	1	EA	5	\$1,344
	Water Closet	35	EA	6	\$11,759

# Rooms (Other Than Classrooms) Subtotal:

## **Building: Main**

#### Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Lay-in	1,089	SF	6	\$3,270
	Ceiling - Plaster/Drywall	19,074	SF	6	\$118,104
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Doors - Store Front	8	EA	6	\$9,666
	Doors - Transom Window	116	EA	6	\$1,964
	Doors - Wood Doors include hw	8	EA	6	\$2,408
	Drinking Fountains - Single Fountain	12	EA	6	\$3,309
	Floor - Asphalt Floor	18,864	SF	6	\$28,594
	Floor - Tile Ceramic/ Porcelain	210	SF	6	\$586
	Floor - Tile/Sheet	1,089	SF	6	\$592
	Lighting - Lay-in	4	EA	6	\$476
	Lighting - Lay-in	2	EA	7	\$0

\$934,889

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Lighting - Pendent/Surface	188	EA	7	\$C
	Lighting - Wall Mounted	4	EA	7	\$C
	Stairs	22	LF	6	\$C
	Student Lockers - One Tier	34	EA	6	\$3,156
	Walls - Concrete Block	1,368	SF	6	\$4,010
	Walls - Plaster/Drywall	30	SF	5	\$301
	Walls - Plaster/Drywall	37,395	SF	6	\$165,772
Safety					
	Security Cameras	1	EA	6	\$194
Stairs					
	Ceiling - Exposed	152	SF	6	\$226
	Ceiling - Plaster/Drywall	1,465	SF	6	\$10,726
	Floor - Asphalt	1,418	SF	6	\$10,990
	Handrails	443	LF	6	\$3,839
	Lighting - Pendent/Surface	13	EA	7	\$C
	Stairs - Asphalt	178	LF	6	\$1,652
	Walls - Plaster/Drywall	5,750	SF	6	\$15,869
Building Interi	or Subtotal:				\$386,909
Total Building	Cost				\$5,986,130

## **Building: Addition**

## Category: Building Exterior

Entrance Control - Audio and Video Exterior Doors - Exterior Steel Door	2	EA	0	
	2	FA	0	
Exterior Dears Exterior Steel Dear		<u> </u>	6	\$1,403
Exterior Doors - Exterior Steer Door	9	EA	6	\$4,325
Exterior Doors - Side lite	2	EA	6	\$627
Exterior Doors - Store Front	6	EA	6	\$3,276
Exterior Doors - Transom Lite	5	EA	6	\$1,567
Foundation - Concrete	774	LF	7	\$0
Superstructure - Steel	43,890	SF	7	\$0
	Exterior Doors - Side lite Exterior Doors - Store Front Exterior Doors - Transom Lite Foundation - Concrete	Exterior Doors - Side lite   2     Exterior Doors - Store Front   6     Exterior Doors - Transom Lite   5     Foundation - Concrete   774	Exterior Doors - Side lite   2   EA     Exterior Doors - Store Front   6   EA     Exterior Doors - Transom Lite   5   EA     Foundation - Concrete   774   LF	Exterior Doors - Side lite2EA6Exterior Doors - Store Front6EA6Exterior Doors - Transom Lite5EA6Foundation - Concrete774LF7



**Category: Building Exterior** 

Group	Item - Type	Quantity	Unit	Rank	Cost
Lighting					
	Exterior Lighting - Wall Mounted	18	EA	6	\$5,197
Roof System					
	Chimney - Metal Flue	35	LF	6	\$5,535
	Coping - Stone	880	LF	6	\$28,264
	Downspouts - Interior Downspouts	448	LF	6	\$14,888
	Parapet - Parapet > 30"	880	LF	6	\$56,250
	Roof - Metal	316	SF	5	\$8,708
	Roof - Modified Bitumen	5	SF	5	\$143
	Roof - Modified Bitumen	20,341	SF	6	\$191,397
	Roof Structure - Steel / Metal Deck/ Concrete Topping	20,346	SF	7	\$0
Walls					
	Exterior Walls - Brick	149,222	SF	6	\$1,002,921
	Exterior Walls - Concrete Block	2,700	SF	5	\$22,355
	Exterior Walls - Precast Panel Wall	2,624	SF	6	\$17,636
	Exterior Walls - Stone-Cast	2,208	SF	6	\$14,840
Windows					
	Curtain wall - Glazed Double Pane	260	SF	6	\$2,915
	Curtain wall - Louver	200	SF	6	\$2,242
	Guard - Guards perforated	1,023	SF	6	\$13,064
	Lintels - Steel	438	LF	6	\$12,715
	Windows - Sash Aluminum Double-pane	3,341	SF	6	\$24,939
Building Exteri	or Subtotal:				\$1,435,207

## **Building Exterior Subtotal:**

## **Building: Addition**

#### **Category: Electrical System**

Group	ltem - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	1	EA	6	\$408
	Emergency A/C Power - Corridors and Stairs	7,917	SF	6	\$2,377
	Emergency A/C Power - Lunchrooms	4,040	SF	6	\$1,502
	Emergency A/C Power - Students Toilets	1,650	SF	6	\$613
	Emergency Battery Packs - Corridors and Stairs	12	EA	6	\$2,430
	Emergency Battery Packs - Gym	3	EA	6	\$608
	Emergency Battery Packs - Students Toilets	6	EA	6	\$1,215



Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Exit Signs - Corridors and Stairs	21	EA	6	\$3,145
	Exit Signs - Gym	3	EA	6	\$472
	Exit Signs - Lunchroom	6	EA	6	\$898
	Security System - CCTV	43,890	SF	6	\$13,180
	Security System - Intrusion Detection	43,890	SF	6	\$11,297
Main Service					
	Independent Electrical Service for emergency power	1	EA	6	\$2,921
	Main Electrical Service - 2000 A 120/208/3PH	1	EA	6	\$8,232
	PA System	43,890	SF	6	\$14,435
Power Distribution					
	Lighting and Power Panels - Above 100 A	12	EA	7	\$0
	Main Distribution Panels - 400 - 600 amp	2	EA	7	\$0
Electrical System	Subtotal:				\$63,734

# **Building: Addition**

#### Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	43,890	SF	6	\$15,691
	Fire Alarm_System	49,890	SF	6	\$24,257
	Fire Pump Controller	1	EA	6	\$1,823
Pump Room Assemb	bly				
	Fire Pump - 25-50 hp	1	EA	6	\$1,558
	Jockey Pump	1	EA	6	\$758
Sprinkler System					
	Sprinkler Heads	43,890	SF	7	\$0
	Sprinkler Piping	43,890	SF	7	\$0
	Wet Sprinkler System	43,890	SF	7	\$0

Safty System Subtotal:

**Building: Addition** 

Category: Mechanical System



# Portage Park Elementary School 5330 W Berteau Ave Chicago, IL 60641

Chilles Air Codes Series Type-Rod Mounted - 101 - 200 tons     1     EA     6     44,31       Chilles Air Codes Series Type-Rod Mounted - 101 - 200 tons     1     EA     6     83490       Air Handling Systems	Group	Item - Type	Quantity	Unit	Rank	Cost
Chiller Air Codes Series Type-Root Mounted - 101 - 200 rons     1     EA     6     44,31       Chyon Freed     400     LF     6     35300       Air Handling Systems	Air Conditioning					
Appent     1     EA     6     9400     9400     1     EA     6     9400     9400     1     6     9400     <		Chemical Pot Feeder	1	EA	6	\$606
Pipes - Childed Water Pipe-Steel     400     LF     6     5753       Ar Handling Systems     Ar Handling Unit-Package Single Zone-Indoor- Hot Water and Chilled Water Coils - 20001-     1     EA     6     58350       Air Handling Unit-Package Single Zone-Indoor- Hot Water and Chilled Water Coils - 20001-     1     EA     6     58370       Air Handling Unit-Package Single Zone-Indoor- Hot Water and Chilled Water Coils - 8001-     2     EA     6     58772       Air India     Fan Power Box with Hit Water Coil     3     EA     6     58772       Hotor Rutur Fans- Centrilugal Inline - 5000 - 10000 CFM     2     EA     6     58353       Hotor Rutur Fans - Centrilugal Inline - 5000 - 10000 CFM     2     EA     6     58353       Boller Systems     -     7     EA     6     58353       Chemical Pol Feedor     2     EA     6     58353       Qiord Feed System     1     EA     6     58353       More Condensing Hot Water Cole - Feedor     2     EA     6     58353       More Condensing Hot Water Packer Bole - Feedor     3     EA     6		Chiller-Air Cooled-Screw Type-Roof Mounted - 101 - 200 tons	1	EA	6	\$4,314
Ar Handling Systems     Air Handling Unit-Package Single Zone- Indoor- Hot Water and Chilled Water Coils - 2000 <sup>1-</sup> 1     EA     6     \$33.36       Air Handling Unit-Package Single Zone- Indoor- Hot Water and Chilled Water Coils - 800 <sup>1-</sup> 2     EA     6     \$87.70       Air Handling Unit-Package Single Zone- Indoor- Hot Water and Chilled Water Coils - 800 <sup>1-</sup> 3     EA     6     \$87.70       Air Inardie     3     EA     6     \$87.70     \$7.74     \$87.70     \$7.74     \$87.70     \$7.74     \$87.70     \$7.74     \$87.70     \$7.74     \$87.70     \$7.74     \$87.70     \$7.74     \$7.74     \$7.75     \$7.75     \$7.75 <td></td> <td>Glycol Feed</td> <td>1</td> <td>EA</td> <td>6</td> <td>\$490</td>		Glycol Feed	1	EA	6	\$490
Air Handling Uni-Package Single Zone- Indoor- Hot Water and Chilled Water Cails - 20001-     1     EA     6     \$33,360       Air Handling Uni-Package Single Zone- Indoor- Hot Water and Chilled Water Cails - 8001-     2     EA     6     \$56,700       Air Handling Uni-Package Single Zone- Indoor- Hot Water and Chilled Water Cails - 8001-     3     EA     6     \$56,700       Air Intake     3     EA     6     \$57,729       Fair Power Box with Hot Water Cail     36     EA     6     \$17,294       Handoor Raturn Fans- Centrifugal Inline - 10001 - 20000 CFM     1     EA     6     \$33,360       Moor Raturn Fans- Centrifugal Inline - 5000 - 10000 CFM     2     EA     6     \$33,360       Moor Raturn Fans- Centrifugal Inline - 5000 - 10000 CFM     1     EA     6     \$33,360       Boiler Systems     Bailer Auxiliany- Non Condensing Hot Water     3     EA     6     \$31,460       Combustion Dampers     1     EA     6     \$34,460     \$35,860       Glycol Fead System     1     EA     6     \$35,860       Non Condensing- Water Fulle Sected Tube- Force Draft- Hot Water Fulle Sected Sected Sected S		Pipes - Chilled Water Pipe- Steel	400	LF	6	\$755
30000 cfm     2     EA     6     \$	Air Handling Systems					
12000 cfm     Air Inhale     3     EA     6     \$\$\$17,24       Air Inhale     3     EA     6     \$\$\$17,24       Indoor Return Fans- Centrifugal Inine - 10001 - 20000 CFM     1     EA     6     \$\$\$1,857       Indoor Return Fans- Centrifugal Inine - 10001 - 20000 CFM     2     EA     6     \$\$\$3,350       Walke Up Air Unit- Roof Mounted- Gas Heating - Less than 6000 cfm     1     EA     6     \$\$\$\$3,350       Boiler Systems     7     EA     6     \$\$\$\$\$3,350       Boiler Auxiliary- Non Condensing Hot Water     3     EA     6     \$			1	EA	6	\$3,350
Fan Power Box - Fan Power Box with Hot Water Coil     36     EA     6     \$17,741       Indoor Return Fans - Centifugal Inline - 10001 - 20000 CFM     2     EA     6     \$3,371       Make Up Air Unit- Roof Mounted- Gas Heating - Lees than 6000 ofm     1     EA     6     \$3,350       Boiler Systems     7     EA     6     \$3,350       Boiler Systems     3     EA     6     \$3,350       Boiler Systems     3     EA     6     \$3,350       Boiler Systems     3     EA     6     \$3,450       Chemical Por Feeder     3     EA     6     \$3,450       Glier System     3     EA     6     \$3,450       Water Fill System     1     EA     6     \$3,450       Montonaling- Water Tube- Flexible Tube-Force Draft- Hot Water Boiler     3     EA     6     \$3,450 <td></td> <td></td> <td>2</td> <td>EA</td> <td>6</td> <td>\$6,700</td>			2	EA	6	\$6,700
Indoor Return Fans- Centrifugal Inline - 10001 - 20000 CFM     1     EA     6     \$\$3,747       Indoor Return Fans- Centrifugal Inline - 5000 - 10000 CFM     2     EA     6     \$\$3,747       Make Up Air Unit- Roof Mounted- Gas Heating - Less than 6000 cfm     7     EA     6     \$\$3,747       Boiler System     7     EA     6     \$\$1,957       Boiler Auditary- Non Condensing Hot Water     3     EA     6     \$\$1,450       Chemical Pot Feeder     3     EA     6     \$\$1,450       Combustion Dampers     1     EA     6     \$\$1,450       Good Feed System     1     EA     6     \$\$25383       Water Fill System     1     EA     6     \$\$25383       Heating Devices     1     EA     6     \$\$2528       Heating Levices     1     EA     6     \$\$2527       Unit Heater - Electric     1     EA     6     \$\$2527       Unit Heater - Electric     1     EA     6     \$\$2527       Unit Heater - Electric     1     EA     6		Air Intake	3	EA	6	\$17,294
Indoor Return Fans- Centrifugal Inline - 5000 - 10000 CFM     2     EA     6     \$3,714       Make Up Air Unit- Roof Mounted- Gas Heating - Less than 6000 cfm     1     EA     6     \$3,354       Boiler Systems     7     EA     6     \$3,354       Boiler Auxiliany- Non Condensing Hot Water     3     EA     6     \$3,464       Chemical Pot Feeder     2     EA     6     \$4,400       Ghycol Feed System     3     EA     6     \$4,400       Ghycol Feed System     1     EA     6     \$4,400       Ghycol Feed System     1     EA     6     \$5,822       Heating Devices     1     EA     6     \$5,822       Heating Devices     1     EA     6     \$5,822       Mont Heater - Hot Water     80     LF     6     \$5,822       Mont Heater - Hot Water     80     LF     6     \$2,222       Mont Heater - Hot Water     2     EA     6     \$2,222       Mother Elevino     2     EA     6     \$2,222		Fan Power Box - Fan Power Box with Hot Water Coil	36	EA	6	\$17,741
Make Up Air Unit- Roof Mounted- Gas Heating - Less than 6000 cfm     1     EA     6     \$3,350       AV Box     7     EA     6     \$1,350       Boiler Systems     -		Indoor Return Fans- Centrifugal Inline - 10001 - 20000 CFM	1	EA	6	\$1,857
VAV Box     7     EA     6     \$1,954       Boiler Systems     5     6     \$1,954       Boiler Auxiliany- Non Condensing Hot Water Chemical Pot Feeder     3     EA     6     \$1,460       Combustion Dampers     2     EA     6     \$1,460       Glycol Feed System     1     EA     6     \$533       Mon Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$533       Water Fill System     1     EA     6     \$533       Water Fill System     1     EA     6     \$533       Water Fill System     1     EA     6     \$533       Heating Devices     1     EA     6     \$532       Mechanical Plumbing     1     EA     6     \$2223       Mechanical Plumbing     2     EA     6     \$22,223       Hord Water Pump - Less than 10     2     EA     6     \$22,223       Hord Water Pump - Less than 10     2     EA     6     \$22,223       Hord Water Pump - Less than 10 </td <td></td> <td>Indoor Return Fans- Centrifugal Inline - 5000 - 10000 CFM</td> <td>2</td> <td>EA</td> <td>6</td> <td>\$3,714</td>		Indoor Return Fans- Centrifugal Inline - 5000 - 10000 CFM	2	EA	6	\$3,714
Boiler Systems     Boiler Austiliary- Non Condensing Hot Water     3     EA     6     5X       Chemical Pot Feeder     2     EA     6     \$\$14,66     \$\$400		Make Up Air Unit- Roof Mounted- Gas Heating - Less than 6000 cfm	1	EA	6	\$3,350
Boiler Auxiliary- Non Condensing Hot Water     3     EA     6     \$20       Chemical Pot Feeder     2     EA     6     \$1,450       Combustion Dampers     1     EA     6     \$400       Glycol Feed System     1     EA     6     \$400       Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$553       Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Unit Heater - Electric     1     EA     6     \$5276       Unit Heater - Hot Water     3     EA     6     \$2272       Unit Heater - Hot Water     2     EA     6     \$22,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6		VAV Box	7	EA	6	\$1,954
Boiler Auxiliary- Non Condensing Hot Water     3     EA     6     \$20       Chemical Pot Feeder     2     EA     6     \$1,450       Combustion Dampers     1     EA     6     \$400       Glycol Feed System     1     EA     6     \$400       Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$553       Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Heating Devices     1     EA     6     \$55,626       Unit Heater - Electric     1     EA     6     \$5276       Unit Heater - Hot Water     3     EA     6     \$2272       Unit Heater - Hot Water     2     EA     6     \$22,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6	Boiler Systems					
Chemical Pot Feeder     2     EA     6     \$1,450       Combustion Dampers     1     EA     6     \$400       Glycol Feed System     1     EA     6     \$400       Non Condensing-Water Tube-Flexible Tube-Force Draft-Hot Water Boiler     1     EA     6     \$533       Non Condensing-Water Tube-Flexible Tube-Force Draft-Hot Water Boiler     1     EA     6     \$532       Heating Devices     1     EA     6     \$532     \$532       Heating Devices     1     EA     6     \$532       Mechanical Plumbing     1     EA     6     \$532       Mechanical Plumbing     2     EA     6     \$52222       Hot Water Pump - Less than 10     2     EA     6     \$5233       Hot Water Pump - Less than 10     2     EA     6     \$5233       Hot Water Pump - Less than 10     2     EA     6     \$5233       Hot Water Pump - Less than 10     2     EA     6     \$5234       Temperature Control     1     EA     6     \$5		Boiler Auxiliary- Non Condensing Hot Water	3	EA	6	\$0
Glycol Feed System     1     EA     6     \$\$33       Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$\$53.82       Heating Devices     1     EA     6     \$\$55.82       Heating Devices     5     \$\$55.82       Mini Leater - Flexible Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     \$\$55.82       Heating Devices     5     \$\$55.82     \$\$55.82     \$\$55.82       Heating Devices     5     \$\$55.82     \$\$55.82       Mini Heater - Electric     1     EA     6     \$\$57.52       Unit Heater - Hot Water     3     EA     6     \$\$27.22       Mechanical Plumbing     2     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Hydronic Supply and Return - Steel     3     SF     6     \$\$2,222       Thermostats - DDC     2     EA     6     \$\$2,222       Thermostats - DDC     2     EA     6     \$\$2,222       Mino			2	EA	6	\$1,450
Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler     3     EA     6     55       Water Fill System     1     EA     5     \$55,828       Heating Devices     1     EA     5     \$55,828       Heating Devices     80     LF     6     \$755       Unit Heater - Electric     1     EA     6     \$277       Unit Heater - Hot Water     3     EA     6     \$837       Mechanical Plumbing     2     EA     6     \$2,222       Mechanical Plumbing     2     EA     6     \$2,222       Monic Supply and Return - Steel     500     LF     6     \$3,888       Temperature Control     2     EA     6     \$2,222       Monic Supply and Return - Steel     500     LF     6     \$3,888       Temperature Control     2     EA     6     \$25,100       DDC System     \$1     \$2     \$2     \$6     \$25,100       Thermostat - DDC     26     EA     6     \$592       Exhaust F		Combustion Dampers	1	EA	6	\$409
Water Fill System     1     EA     5     \$\$\$,82       Heating Devices     Fin Tube - Hot Water     80     LF     6     \$\$755       Unit Heater - Electric     1     EA     6     \$\$276       Unit Heater - Electric     1     EA     6     \$\$276       Unit Heater - Hot Water     3     EA     6     \$\$276       Mechanical Plumbing     3     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Hot Water Pump - Less than 10     2     EA     6     \$\$2,222       Temperature Control     2     EA     6     \$\$2,222       More System     43,890     SF     6     \$\$2,500       Thermostats - DDC     Exhaust Fans- Indoor - 500 - 1500 CFM     Exhaust Fans- Roof Mounted - 1501 - 8000 CFM<		Glycol Feed System	1	EA	6	\$539
Heating Devices     Fin Tube - Hot Water     80     LF     6     \$755       Unit Heater - Electric     1     EA     6     \$276       Unit Heater - Hot Water     3     EA     6     \$276       Unit Heater - Hot Water     3     EA     6     \$2837       Mechanical Plumbing     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,388       Temperature Control     2     Expanse Topo C     26     EA     6     \$25,100       Thermostats - DDC     26     EA     6     \$25,100     \$26     EA     6 </td <td></td> <td>Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler</td> <td>3</td> <td>EA</td> <td>6</td> <td>\$0</td>		Non Condensing- Water Tube- Flexible Tube- Force Draft- Hot Water Boiler	3	EA	6	\$0
Fin Tube - Hot Water     80     LF     6     \$755       Unit Heater - Electric     1     EA     6     \$276       Unit Heater - Hot Water     3     EA     6     \$837       Mechanical Plumbing     3     EA     6     \$837       Mechanical Plumbing     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,386       Temperature Control     2     EA     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Ventilation     1     EXhaust Fans- Indoor - 500 - 1500 CFM     \$26     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6		Water Fill System	1	EA	5	\$5,828
Fin Tube - Hot Water     80     LF     6     \$755       Unit Heater - Electric     1     EA     6     \$276       Unit Heater - Hot Water     3     EA     6     \$837       Mechanical Plumbing     3     EA     6     \$837       Mechanical Plumbing     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,386       Temperature Control     2     EA     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Ventilation     1     EXhaust Fans- Indoor - 500 - 1500 CFM     \$26     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6	Heating Devices					
Unit Heater - Hot Water     3     EA     6     \$837       Mechanical Plumbing		Fin Tube - Hot Water	80	LF	6	\$755
Mechanical Plumbing     Chilled Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,386       Temperature Control     2     EA     6     \$2,222       Immostats - DDC     500     LF     6     \$38,386       Temperature Control     2     EA     6     \$25,100       Thermostats - DDC     43,890     SF     6     \$25,100       Thermostats - DDC     26     EA     6     \$25,100       Exhaust Fans- Indoor - 500 - 1500 CFM     1     EA     6     \$25,100       Exhaust Fans- Indoor - 500 - 1500 CFM     1     EA     6     \$552		Unit Heater - Electric	1	EA	6	\$278
Chilled Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,386       Temperature Control     DDC System     43,890     SF     6     \$25,106       Thermostats - DDC     26     EA     6     \$25,106     \$26     EA     6     \$26     \$26     EA     6     \$25,106     \$26     \$26     EA     6     \$25,106     \$26     \$26     EA     6     \$26		Unit Heater - Hot Water	3	EA	6	\$837
Chilled Water Pump - Less than 10     2     EA     6     \$2,222       Hot Water Pump - Less than 10     2     EA     6     \$2,222       Hydronic Supply and Return - Steel     500     LF     6     \$38,386       Temperature Control     DDC System     43,890     SF     6     \$25,106       Thermostats - DDC     26     EA     6     \$25,106     \$26     EA     6     \$26     \$26     EA     6     \$25,106     \$26     \$26     EA     6     \$25,106     \$26     \$26     EA     6     \$26	Mechanical Plumbing					
Hydronic Supply and Return - Steel500LF6\$38,388Temperature ControlDDC System43,890SF6\$25,108Thermostats - DDC26EA6\$25,108Ventilation26EA6\$25,108Lexhaust Fans- Indoor - 500 - 1500 CFM1EA6\$592Exhaust Fans- Roof Mounted - 1501 - 8000 CFM1EA6\$5921EA6\$592		Chilled Water Pump - Less than 10	2	EA	6	\$2,222
Temperature Control     DDC System     43,890     SF     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Ventilation     26     EA     6     \$25,105       Exhaust Fans- Indoor - 500 - 1500 CFM     1     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6     \$592		Hot Water Pump - Less than 10	2	EA	6	\$2,222
DDC System     43,890     SF     6     \$25,105       Thermostats - DDC     26     EA     6     \$25,105       Ventilation     26     EA     6     \$25,105       Exhaust Fans- Indoor - 500 - 1500 CFM     1     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6     \$592		Hydronic Supply and Return - Steel	500	LF	6	\$38,388
Thermostats - DDC     26     EA     6     \$0       Ventilation     Exhaust Fans- Indoor - 500 - 1500 CFM     1     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6     \$592       Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6     \$592	Temperature Control					
Ventilation   1   EA   6   \$592     Exhaust Fans- Indoor - 500 - 1500 CFM   1   EA   6   \$592     Exhaust Fans- Roof Mounted - 1501 - 8000 CFM   1   EA   6   \$592		DDC System	43,890	SF	6	\$25,105
Exhaust Fans- Indoor - 500 - 1500 CFM   1   EA   6   \$592     Exhaust Fans- Roof Mounted - 1501 - 8000 CFM   1   EA   6   \$592		Thermostats - DDC	26	EA	6	\$0
Exhaust Fans- Roof Mounted - 1501 - 8000 CFM     1     EA     6     \$592	Ventilation					
		Exhaust Fans- Indoor - 500 - 1500 CFM	1	EA	6	\$592
Exhaust Fans- Roof Mounted - 500 - 1500 CFM 1 EA 6 \$592		Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	6	\$592
		Exhaust Fans- Roof Mounted - 500 - 1500 CFM	1	EA	6	\$592



#### **Building: Addition**

Group	Item - Type	Quantity	Unit	Rank	Cost
Ventilation					
	Exhaust Fans- Roof Mounted - Less than 500 CFM	1	EA	6	\$296
	Type I Exhaust Hood- Kitchen	2	EA	6	\$2,495

## Mechanical System Subtotal:

## **Building: Addition**

## Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	2	EA	6	\$620
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	43,890	SF	6	\$8,787
	Domestic Piping-Cold Water Horizontal Lines	43,890	SF	6	\$10,670
	Domestic Piping-Cold Water Risers	43,890	SF	6	\$8,159
	Domestic Piping-Hot Water from Risers to Fixtures	43,890	SF	6	\$6,904
	Domestic Piping-Hot Water Horizontal Lines	43,890	SF	6	\$8,159
	Domestic Piping-Hot Water Return Lines	43,890	SF	6	\$6,276
	Domestic Piping-Hot Water Return Risers	43,890	SF	6	\$6,276
	Sanitary Piping	43,890	SF	6	\$40,168
	Storm Piping	43,890	SF	6	\$38,285
	Vent Piping	43,890	SF	6	\$29,498
Pumps					
	Pumps - Domestic Booster Pump-Duplex	1	EA	6	\$1,977
	Pumps - Sump-Simplex	1	EA	6	\$745
Plumbing Sys	tem Subtotal:				\$166,525

#### **Plumbing System Subtotal:**

## **Building: Addition**

#### **Category: Classrooms**

Group	Item - Type	Quantity	Unit	Rank	Cost
Art Room (1 room)					
	Casework	54	LF	6	\$1,364
	Ceiling - Lay-in	1,204	SF	6	\$3,616
	Doors - Side-lite	14	SF	6	\$234
	Doors - Wood Doors inclu hw	1	EA	6	\$301



Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Art Room (1 room)					
	Eye Wash Station	1	EA	6	\$336
	Floor - Tile	1,204	SF	6	\$2,634
	Lighting - Lay-in	15	EA	7	\$0
	Marker Board	24	LF	7	\$0
	Storage/ Closet	38	SF	6	\$276
	Walls - Concrete Block	1,326	SF	6	\$3,887
	Walls - Plaster/Drywall	662	SF	6	\$1,827
	Work Sink	3	EA	6	\$1,137
Band Room (1 roor	m)				
	Casework	37	LF	6	\$934
	Ceiling - Lay-in	852	SF	6	\$2,559
	Doors - Side-lite	14	SF	6	\$234
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	852	SF	6	\$1,864
	Lighting - Lay-in	12	EA	6	\$1,428
	Marker Board	20	LF	7	\$0
	Storage/ Closet	110	SF	6	\$798
	Walls - Concrete Block	1,460	SF	6	\$4,280
	Work Sink	2	EA	6	\$758
Computer Lab (1 ro	oom)				
	Casework	54	LF	6	\$1,364
	Ceiling - Lay-in	1,204	SF	6	\$3,616
	Charging Station	1	EA	6	\$485
	Doors - Side-lite	14	SF	6	\$234
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	1,204	SF	6	\$2,634
	Lighting - Lay-in	15	EA	7	\$0
	Marker Board	24	LF	7	\$0
	Walls - Concrete Block	710	SF	6	\$2,081
	Walls - Plaster/Drywall	710	SF	6	\$1,960
	Work Sink	3	EA	6	\$1,137
Regular Classroom	n (10 rooms)				
	Casework	428	LF	6	\$10,809
	Ceiling - Lay-in	8,112	SF	6	\$24,360
	Doors - Side-lite	140	SF	6	\$2,340
	Doors - Wood Doors inclu hw	10	EA	6	\$3,010

#### **Category: Classrooms**

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classro	oom (10 rooms)				
	Floor - Tile	8,112	SF	6	\$17,748
	Lighting - Lay-in	96	EA	6	\$11,422
	Lighting - Lay-in	24	EA	7	\$0
	Marker Board	208	LF	7	\$0
	Storage/ Closet	240	SF	6	\$1,740
	Walls - Concrete Block	5,804	SF	6	\$17,014
	Walls - Metal Panel	595	SF	6	\$4,441
	Walls - Plaster/Drywall	4,823	SF	6	\$13,311
	Work Sink	10	EA	6	\$3,790
Classrooms	Subtotal:				\$152,564

## **Building: Addition**

#### Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Su	ites/Offices				
	Ceiling - Lay-in	1,347	SF	6	\$4,045
	Doors - Side-lite	74	SF	6	\$1,237
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Transom Window	5	SF	6	\$85
	Doors - Wood Doors inclu hw	8	EA	6	\$2,408
	Floor - Carpet	480	SF	6	\$1,023
	Floor - Tile	867	SF	6	\$1,897
	Lighting - Lay-in	1	EA	6	\$119
	Lighting - Lay-in	23	EA	7	\$0
	Power Distribution	48	EA	6	\$101,994
	Storage/ Closet	75	SF	6	\$544
	Walls - Concrete Block	20	SF	5	\$282
	Walls - Concrete Block	2,328	SF	6	\$6,825
	Walls - Plaster/Drywall	1,762	SF	6	\$4,863
	Work Slnk	1	EA	6	\$508
Kitchen					
	Ceiling - Lay-in	1,136	SF	6	\$3,411
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Floor - Epoxy/ Painted	1,136	SF	6	\$601
	Lighting - Lay-in	12	EA	6	\$1,428



## Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Kitchen					
	Serving Line	10	LF	6	\$595
	Storage/ Closet	125	SF	6	\$906
	Walls - Concrete Block	15	SF	5	\$211
	Walls - Concrete Block	1,618	SF	6	\$4,743
Library					
	Casework	155	LF	6	\$3,914
	Ceiling - Lay-in	1,995	SF	6	\$5,991
	Doors - Side-lite	28	SF	6	\$468
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Carpet	1,995	SF	6	\$4,251
	Lighting - Lay-in	24	EA	7	\$0
	Walls - Concrete Block	1,488	SF	6	\$4,362
	Walls - Plaster/Drywall	744	SF	6	\$2,053
Lunch & Multipur	pose Room				
	Ceiling - Lay-in	1,086	SF	6	\$3,261
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Floor - Tile/Sheet	1,086	SF	6	\$1,087
	Lighting - Lay-in	14	EA	6	\$1,666
	Serving Line	30	LF	6	\$1,785
	Walls - Concrete Block	1,658	SF	6	\$4,860
MDF_IDF					
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Finishes	610	SF	6	\$4,353
	Ventilation and Cooling	1	EA	6	\$1,855
Mechanical/ Servi	ice Rooms				
	Janitor's Closet	221	SF	6	\$1,583
	Mechanical/ Service Rooms	2,018	SF	6	\$14,458
	Storage Room	45	SF	6	\$322
Restroom					
	Accessories	770	SF	6	\$7,102
	Ceiling - Lay-in	55	SF	6	\$165
	Ceiling - Plaster/Drywall	890	SF	6	\$3,080
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Terrazzo	890	SF	6	\$1,947



#### Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Floor - Tile	55	SF	6	\$120
	Floor Drain	7	EA	6	\$7,414
	Hand Dryer	2	EA	2	\$2,157
	Hand Dryer	6	EA	6	\$1,380
	Lavatory	14	EA	6	\$4,474
	Lighting - Lay-in	3	EA	7	\$0
	Lighting - Pendent/Surface	20	EA	7	\$0
	Partitions	12	EA	6	\$3,563
	Urinals	4	EA	6	\$1,344
	Walls - Concrete Block	300	SF	6	\$879
	Walls - Tile	536	SF	6	\$1,173
	Walls - Tile Ceramic/ Porcelain	2,260	SF	6	\$5,106
	Water Closet	15	EA	6	\$5,040
Beems (Other	r Than Classrooms) Subtatal				¢040 550

#### Rooms (Other Than Classrooms) Subtotal:

#### \$242,553

## **Building: Addition**

## **Category: Building Interior**

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Lay-in	5,900	SF	6	\$17,718
	Ceiling - Plaster/Drywall	1,446	SF	6	\$9,205
	Doors - Steel Doors incl hw	22	EA	6	\$6,622
	Drinking Fountains - Double Fountain	3	EA	6	\$1,008
	Floor - Terrazzo	5,346	SF	6	\$44,875
	Floor - Tile/Sheet	1,936	SF	6	\$1,052
	Lighting - Lay-in	86	EA	6	\$10,232
	Lighting - Lay-in	172	EA	7	\$0
	Stairs - Terrazzo	4	LF	6	\$37
	Walls - Structural Glazed Tile	6,576	SF	6	\$20,688
Safety					
	Security Cameras	2	EA	6	\$388
Stairs					
	Ceiling - Plaster/Drywall	635	SF	6	\$4,649
	Floor - Terrazzo	707	SF	6	\$5,935
	Handrails	256	LF	6	\$2,218



#### Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Stairs					
	Lighting - Lay-in	15	EA	7	\$0
	Stairs - Terrazzo	128	LF	6	\$1,188
	Walls - Plaster/Drywall	316	SF	6	\$872
	Walls - Structural Glazed Tile	2,852	SF	6	\$8,972
Vertical Conveyance					
	Elevator - Hydraulic Elevator	1	EA	6	\$19,238
Building Interior	<b>C</b> uch to to b				\$154,897

# **Total Building Cost**

#### SITE

#### Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Civil/Drainage					
	Civil/ Drainage - Catch Basin	10	EA	6	\$10,938
	Civil/ Drainage - Site Manhole	15	EA	6	\$22,391
Fencing					
	Fencing - New Standard Ornamental	1,688	LF	6	\$53,853
	Fencing - Old Standard Ornamental	210	LF	6	\$10,871
Landscape					
	Landscape - Grass	43,154	SF	6	\$35,792
	Landscape - Hardscape- Asphalt	7,130	SF	5	\$32,525
	Landscape - Hardscape- Asphalt	1,215	SF	6	\$2,936
	Landscape - Hardscape- Concrete	3,790	SF	6	\$20,114
	Parkway trees	46	EA	7	\$0
	Planting Beds/ Area	2,158	SF	6	\$3,549
	Play Area - Asphalt/ Hardscape	2,232	SF	6	\$5,394
	Trash Receptacles	2	EA	6	\$625
Parking Lot					
	Concrete Curbs	402	LF	6	\$5,162
	Interior Plantings	240	LF	6	\$10,210
	Lighting - Pole Mounted	6	EA	6	\$8,715
	Pavers	1,555	SF	6	\$8,650

\$2,404,295



#### SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Parking Lot					
	Surface - Asphalt	13,338	SF	6	\$32,234
	Vehicular Screening	40	LF	5	\$5,696
Playground					
	Equipment - Pre K 3-5	1	EA	6	\$3,546
	Surface - Square Rubber Mats	1,924	SF	6	\$10,372
Sidewalks					
	Sidewalks - Internal Walks	38	LF	5	\$2,195
	Sidewalks - Internal Walks	970	LF	6	\$11,652
	Sidewalks - Perimeter Sidewalks	50	SF	5	\$478
	Sidewalks - Perimeter Sidewalks	14,780	SF	6	\$29,378
Signage					
	Flag Pole - Building Mounted Flag Pole	1	EA	6	\$828
	Marquee - Free Standing Back lighted w/ LED	1	EA	6	\$0
	Monument - Building Mounted Cut Letter Sign	2	EA	6	\$0
	Monument - Sign-Lighted	1	EA	6	\$0
Site Subtotal:					\$328,105
Total Site Cost					\$328,105

Campus Total <sup>2 3</sup> \$8,718,529
---

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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	ļ						ļ	<u> </u>						4
Kindergarten	Kindergarten	1st Floor	101	101	759	0	0	6	195	97	40	Ν	Ν	Ν
Kindergarten	Faculty Lounge	1st Floor	106	106	850	0	0	4	195	97	40	Ν	Y	Ν
Other Instructional Use	Kindergarten	1st Floor	102	102	492	2	2	18	78	39	40	Ν	Y	Ν
Other Instructional Use	Store Room	3rd Floor	307B	NA	473	1	0	8	90	45	40	Ν	Y	Ν
Pre School	Regular Classroom	1st Floor	110	110	1,104	1	0	8	216	108	40	Ν	Y	Ν
Pre School	Kindergarten	1st Floor	111	111	1,129	1	0	12	204	100	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	1st Floor	104	104	753	0	0	3	234	117	40	Ν	Y	Y
Regular Classroom	Regular Classroom	1st Floor	105	105	778	0	0	3	234	117	40	Ν	Y	Y
Regular Classroom	Regular Classroom	1st Floor	107	107	750	0	0	11	132	64	40	Ν	Y	Y
Regular Classroom	Regular Classroom	1st Floor	108	108	750	0	0	4	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	1st Floor	109	109	750	0	0	4	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	201	201	776	0	0	5	195	97	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	203	203	759	0	0	5	234	117	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	204	204	764	0	0	3	234	117	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	205	205	776	0	0	2	234	117	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	206	206	752	0	0	7	195	97	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	207	207	750	0	0	7	132	64	40	Ν	Y	Y
Regular Classroom	Store Room	2nd Floor	207A	NA	832	1	0	6	100	50	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	208	208	750	0	0	6	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	209	209	750	0	0	6	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	210	210	750	0	0	6	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	211	211	750	0	0	6	144	72	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	212	212	750	0	0	7	132	64	40	Ν	Ν	Y
Regular Classroom	Regular Classroom	3rd Floor	301	301	763	0	0	5	130	65	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	303	303	779	0	0	4	156	78	40	Ν	Y	Y
Regular Classroom	Regular Classroom	3rd Floor	304	304	773	0	0	5	156	78	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	305	305	786	0	0	4	156	78	40	Ν	Y	Y
Regular Classroom	Regular Classroom	3rd Floor	306	306	758	0	0	5	130	65	40	Ν	Ν	Y
Regular Classroom	Regular Classroom	3rd Floor	307	307	750	0	0	7	132	64	40	Ν	Ν	Ν
Regular Classroom	Faculty Lounge	3rd Floor	307A	NA	912	0	0	4	105	52	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	308	308	750	0	0	6	144	72	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	309	309	750	0	0	6	144	72	40	N	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	310	310	750	0	0	6	144	72	40	N	Y	Y
Regular Classroom	Other Instructional Use	3rd Floor	311	311	836	0	0	14	234	117	40	N	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	312	312	875	0	0	13	180	88	40	Ν	Y	Y
Special Education	Regular Classroom	1st Floor	103	103	726	0	0	5	234	117	40	Ν	Y	Ν
Special Program	Regular Classroom	2nd Floor	202	202	492	0	1	6	78	39	40	Ν	Y	Ν

PORTAGE PARK



## **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			+	-	1			1			+	1		4
Special Program	Regular Classroom	3rd Floor	302	302	487	2	2	4	52	26	40	Ν	Y	Ν
Addition														
Art Room	Science	2nd Floor	221	221	1,204	1	4	77	144	72	40	Ν	Y	Y
Band Room	Art Room	1st Floor	125	125	852	2	6	22	150	75	40	Ν	Y	Y
Computer Lab	Computer Lab	3rd Floor	321	321	1,204	2	40	182	144	72	40	Y	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	222	222	750	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	223	223	822	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	224	224	840	1	5	10	120	60	40	Ν	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	225	225	772	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	2nd Floor	226	226	754	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	322	322	750	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	323	323	840	1	5	10	120	60	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	324	324	815	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	325	325	888	2	6	24	150	75	40	Ν	Y	Ν
Regular Classroom	Regular Classroom	3rd Floor	326	326	881	2	6	24	150	75	40	Ν	Y	Ν