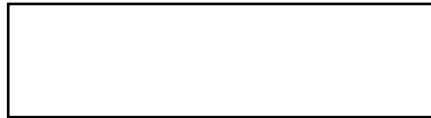


Approach and Methodology



Table 2: System by Priority (Site & Permanent Buildings)

System	Priority						% of Total
Total:							



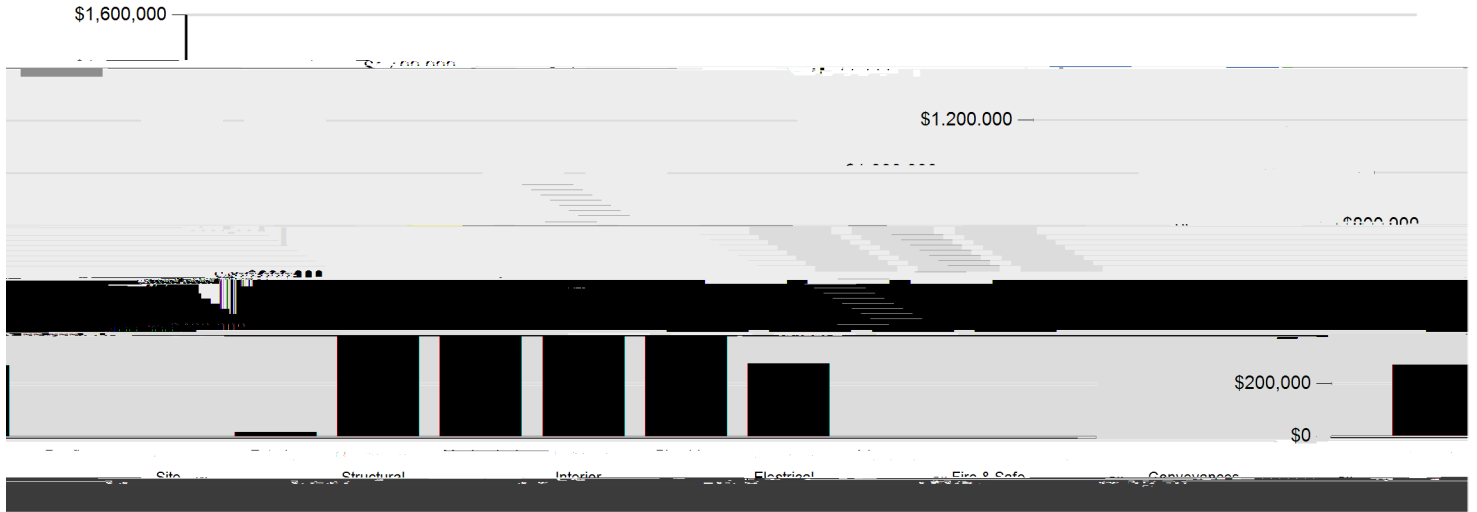


Figure 1: System Deficiencies

Life Cycle Capital Renewal Forecast



Facility Condition Assessment Score



5-Year Need vs. Replacement



Figure 3: 5-Year FCA

McBee ES - Deficiency Summary

Site Level Deficiencies

Site

Deficiency

PROGRAM DEFICIENCIES

Category

ADA Compliance

Qty UoM

70,763 EACH

Priority

5

Repair Cost

ID

Mechanical

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Package Roof Top Unit Replacement	Capital Renewal	1	Ea.	2	\$24,236	5322
Package Roof Top Unit Replacement	Capital Renewal	1	Ea.	2	\$46,828	5324
Circulation Pump Replacement	Capital Renewal	1	Ea.	3	\$11,561	5319
Circulation Pump Replacement	Capital Renewal	2	Ea.	3	\$28,763	5320
Energy Recovery Unit Replacement	Capital Renewal	2	Ea.	3	\$45,455	5312
Energy Recovery Unit Replacement	Capital Renewal	2	Ea.	3	\$112,190	5313
Kitchen Exhaust Hood Replacement	Capital Renewal	1	Ea.	3	\$11,191	5327
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	3	Ea.	3	\$24,109	5326
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	2	Ea.	3	\$16,072	5328
Large Diameter Exhausts/Hoods Replacement	Capital Renewal	2	Ea.	3	\$16,072	5329
Replace Variable Frequency Drive	Capital Renewal	2	Ea.	3	\$8,786	5314
Replace Variable Frequency Drive	Capital Renewal	2	Ea.	3	\$10,446	5315
Replace Variable Frequency Drive	Capital Renewal	2	Ea.	3	\$15,117	5316
Small Diameter Exhausts/Hoods Replacement	Capital Renewal	7	Ea.	3	\$13,718	5325
Circulation Pump Replacement	Capital Renewal	2	Ea.	4	\$13,700	5317
Circulation Pump Replacement	Capital Renewal	39	Ea.	4	\$168,211	5318
Existing Controls Are Obsolete						

5312

Technology

Deficiency	Category	Qty	UoM	Priority	Repair Cost	ID
Public Address System Head-End Requires Replacement	Functional Deficiency	1	Ea.	3	\$7,307	5347
Sub Total for System		1	items		\$7,307	
Sub Total for Building 165A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.		57	items		\$4,452,104	
Total for Campus		60	items		\$4,722,069	

McBee ES - Life Cycle Summary Yrs 1-10

Site Level Life Cycle Items

Site

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Fences and Gates	Fencing - Chain Link (8-10 Ft)	2,200	LF	\$172,359	5
Playfield Areas	ES Playgrounds	2	Ea.	\$44,696	5
Parking Lot Pavement	Asphalt	111	CAR	\$161,039	5
Roadway Pavement	Asphalt Driveways	50,000	SF	\$321,522	5
Sub Total for System		4	items	\$699,615	

Roofing

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Canopy Roofing	Aluminum panels	1,500	SF	\$76,005	10
Sub Total for System		1	items	\$76,005	
Sub Total for Building -		5	items	\$775,620	

Building: 165A - Main building includes Administration Offices, Classrooms, Cafeteria, & Gym.

Exterior

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Exterior Operating Windows	Aluminum - Windows per SF	1,138	SF	\$113,489	3

Electrical

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Electrical Service	Transformer (75 KVA)	2	Ea.	\$14,575	5
Electrical Service	Transformer (225 KVA)	1	Ea.	\$18,241	5
Electrical Service	Transformer (45 KVA)	2	Ea.	\$11,838	5
Note: one transformer is installed above the ceiling - np not visible (values are assumed)					
Power Distribution	Panelboard - 120/208 100A	5	Ea.	\$13,910	5
Power Distribution	Panelboard - 120/208 225A	5	Ea.	\$27,498	5
Note: electrical gear does not have necessary safety arc-strike labeling. majority of electrical gear has necessary clearance space issues.					
Power Distribution	Panelboard - 120/208 100A	1	Ea.	\$2,782	5
Power Distribution	Panelboard - 120/208 125A	2	Ea.	\$2,918	5
Power Distribution	Panelboard - 277/480 400A	4	Ea.	\$55,563	5
Power Distribution	Panelboard - 277/480 225A	1	Ea.	\$9,372	5
Power Distribution	Panelboard - 277/480 225A	1	Ea.	\$9,372	5
Note: panel has bottom wireway cover missing - wiring exposed					
Electrical Service	Exterior Liquid Filled Transformer (750 KVA)	1	Ea.	\$47,520	5
		Sub Total for System		12 items	\$269,508

Plumbing

Uniformat Description	LC Type Description	Qty	UoM	Repair Cost	Remaining Life
Domestic Water Equipment	Backflow Preventers - 4 in. (Ea.)	1	Ea.	\$7,685	5
Domestic Water Equipment	Water Heater - Electric - 20 gallon	1	Ea.	\$1,587	10
Domestic Water Equipment	Water Heater - Electric - 30 gallon	2	Ea.	\$4,271	10
Domestic Water Equipment	Water Heater - Electric - 40 gallon	1	Ea.	\$2,684	10
Domestic Water Equipment	Water Heater - Gas - 200 Gallon	1	Ea.	\$13,791	10
		Sub Total for System		5 items	\$30,017

General Site Photos



