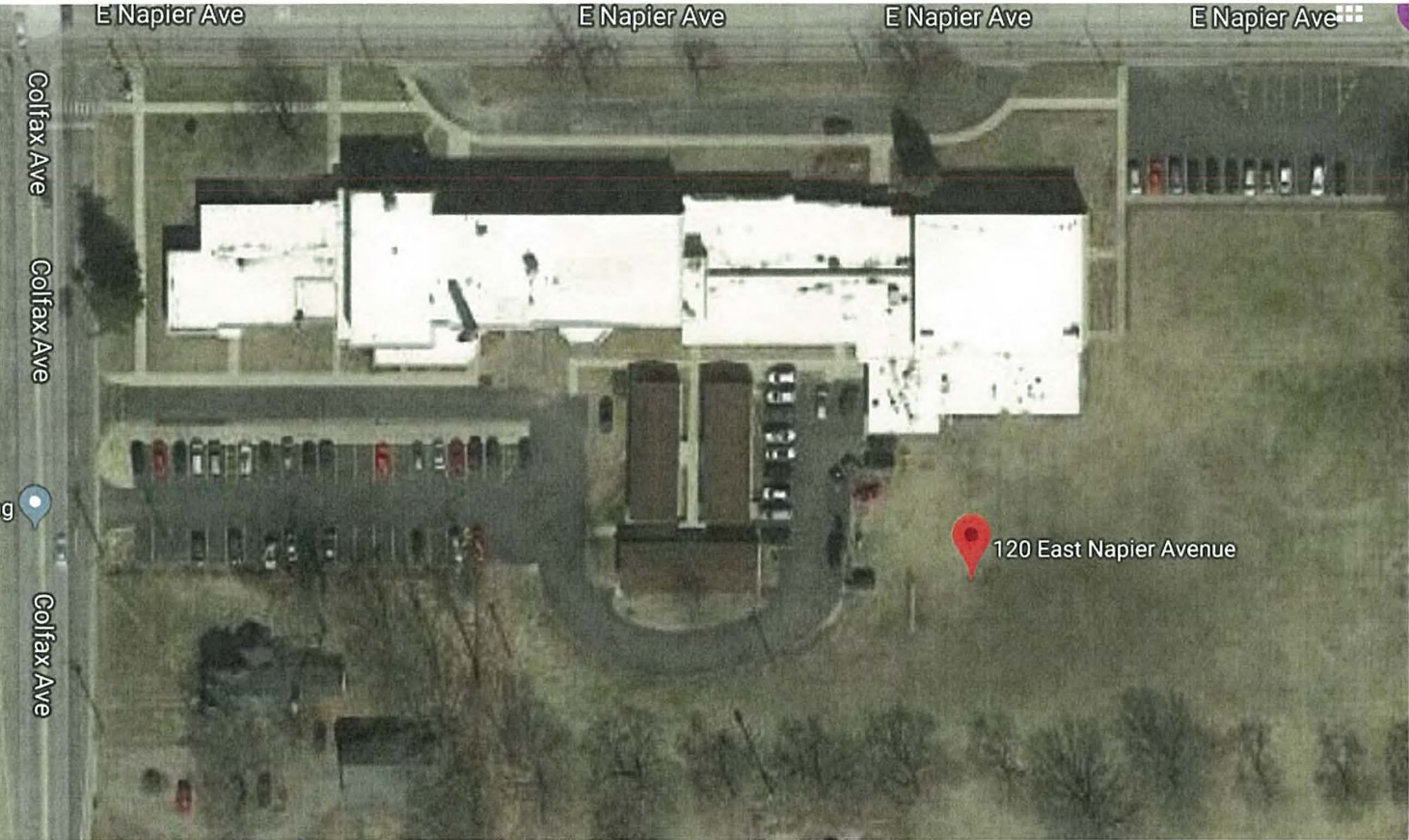


Building 03 – Arts and Communications Academy



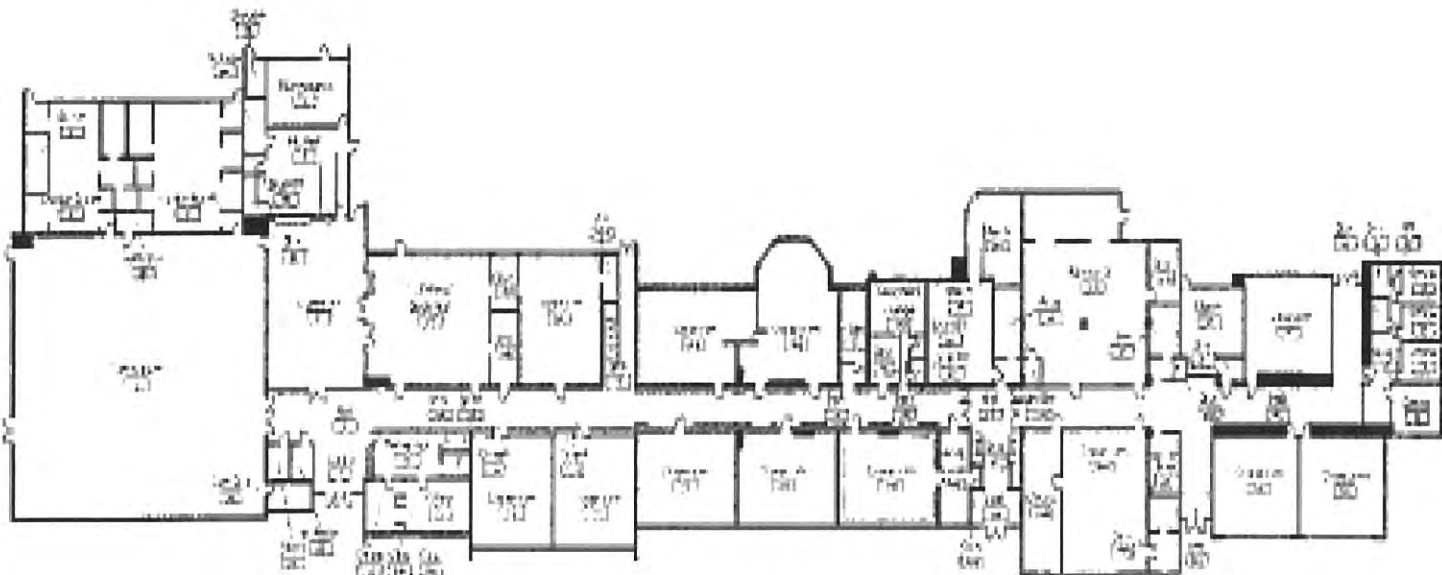
Address:	120 E. Napier Avenue, Benton Harbor, MI 49022
Year Built:	1958
Square Footage:	51,645
Enrollment (2019-2020):	397
Acres:	
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:

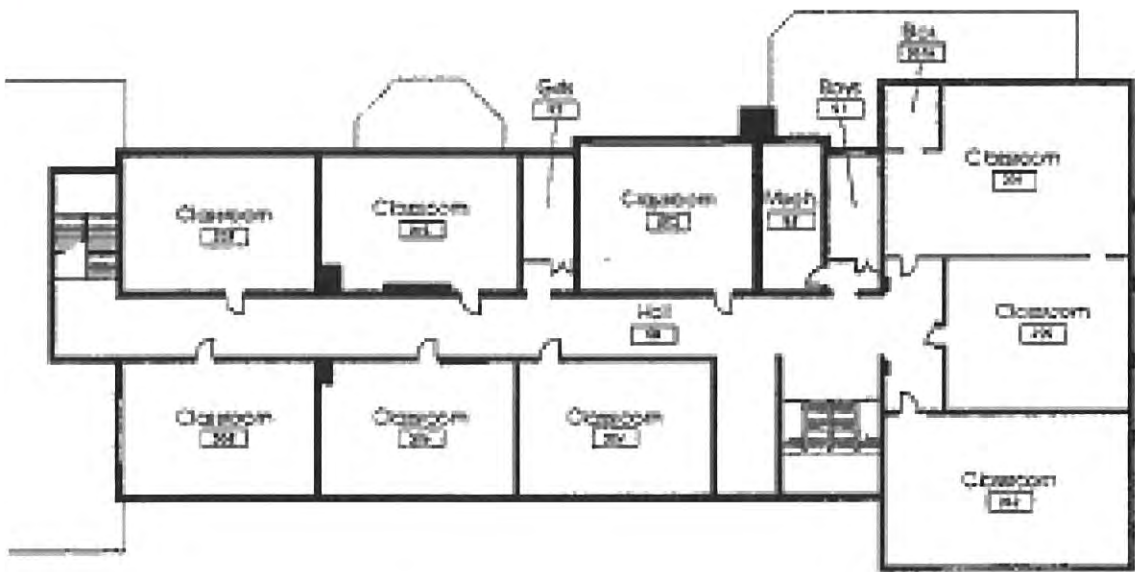


Building 03 – Arts and Communications Academy

1st Floor Plan:



2nd Floor Plan:



Building 03 – Arts and Communications Academy

Summary of Budgets:

SECTION C | Individual Building Assessments

Building 03 – Arts and Communications Academy

Photos:



Building 04 – Fair Plain East Elementary



Address: 1995 Union Street, Benton Harbor, MI 49022

Year Built:

Square Footage: 28,000

Enrollment (2019-2020): 238

Acres:

Stories:

Basement:

Elevator(s):

Exterior Façade:

Roof:

Fire Protection:

Site Plan:



Building 04 – Fair Plain East Elementary

1st Floor Plan:



Building 04 – Fair Plain East Elementary

Summary of Budgets:

Fair Plain East Elementary																		
NOTES	Include (d)	Specification				Cost Data		Medium		Cost Escalation Factors				1.28		1.48		TOTAL
		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
Troy Boone		1.0 SITE																
alt in poor condition(except front painted wood sign good cond	x	Paving																
	x	Pavement Reconstruction - Remove Asphalt & Repave (4.5') (HD)	43,588	SF	1	43,588	\$5.00	\$228,837	5.66%		x	\$228,837				\$0	\$0	
	x	Remove and replace sidewalks - 50%	1568	SF	1	1,568	\$10.00	\$16,464	0.41%		x	\$16,464				\$0	\$0	
	x	Misc.																
	x	Monument Sign - No Power	1	EA	1	1	\$12,000.00	\$12,600	0.31%		x	\$12,600				\$0	\$0	
	x	SITE SUBTOTAL						\$257,901	6.38%			\$257,901				\$0	\$257,901	
	2.0 BUILDING ENVELOPE																	
	x	Windows																
	x	Repair (as needed) and label all egress windows	1	Allowance	1	1	\$10,000.00	\$10,500	0.26%		x	\$10,500				\$0	\$0	
	x	Exterior Walls																
x	EFIS Repair and Cleaning	1	Allowance	1	1	\$15,000.00	\$15,750	0.39%		x	\$15,750				\$0	\$0		
x	Tuckpointing (Allowance)	1	Allowance	1	1	\$50,000.00	\$52,500	1.30%			\$67,200				\$67,200	\$0		
x	Chimney Repair/Removal	1	Allowance	1	1	\$15,000.00	\$15,750	0.39%			\$0				\$20,160	\$0		
x	Exterior Doors																	
3.0 INTERIOR/FINISHES																		
x	Abatement																	
x	28,000 SF BLDG.	1	28,000			\$2.00	\$58,800	1.45%		x	\$58,800				\$25,088	\$29,008		
x	Interior Doors & Hardware																	
x	Replace Classroom Doors & Hardware	17	EA	1	17	\$1,850.00	\$33,023	0.82%		x	\$33,023				\$0	\$0		
x	Replace Interior Egress Doors & Hardware	10	EA	1	10	\$2,500.00	\$26,250	0.65%		x	\$26,250				\$0	\$0		
Ceilings																		
x	Remove Existing & Install New Acoustic Tile Ceiling - Classrooms (25%)	4,031	SF	1	4,031	\$6.50	\$27,512	0.00%		x	\$27,512				\$0	\$0		
x	Remove Existing & Install New Acoustic Tile Ceiling - Corridors	4,386	SF	1	4,386	\$6.50	\$29,934	0.74%		x	\$29,934				\$19,158	\$0		
Flooring																		
x	Replace Wood Flooring at Stage	1	LS	1	1	\$20,000.00	\$21,000	0.52%			\$0				\$26,880	\$0		
Windows																		
x	Remove & Replace Window Treatments	28,000	SF	1	28,000	\$8.00	\$25,200	5.82%			\$0				\$150,528	\$174,048		
x	Remove & Replace Window Treatments	1	Allowance	1	1	\$35,000.00	\$36,750	0.91%			\$0				\$47,040	\$0		
Paint																		
x	Paint Areas Disturbed by Construction	28,000	SF	1	28,000	\$1.35	\$39,690	0.98%		x	\$39,690				\$0	\$0		
Signage																		
x	Replace Interior Signage	28,000	SF	1	28,000	\$0.40	\$11,760	0.29%		x	\$11,760				\$0	\$0		
Restrooms																		
x	Renovate - Toilet Room (Single / Staff)	34	EA	1	34	\$15,000.00	\$35,550	13.24%			\$0				\$792,540	\$0		
x	Renovate - Toilet Room (Gang)	2	EA	1	2	\$75,000.00	\$157,500	3.90%		x	\$157,500				\$0	\$0		
Auditorium / Little Theater																		
x	Replace Main Stage Curtain	1	Allowance	1	1	\$7,500.00	\$7,875	0.19%			\$0				\$10,080	\$0		
Casework & Countertops																		
x	Replace Casework - Classroom (Elementary)	17	EA	1	17	\$10,000.00	\$178,500	4.41%			\$0				\$228,480	\$0		
x	Replace Classroom Casework	17	Allowance	1	17	\$6,000.00	\$107,100	2.65%		x	\$33,550				\$68,544	\$0		
x	Replace Staff Lounge Casework/Furniture	1	LS	1	1	\$10,000.00	\$10,500	0.26%			\$0				\$13,440	\$0		
INTERIOR/FINISHES SUBTOTAL																		
x								\$1,516,894	37.51%			\$383,851			\$995,596	\$1,968,685		
4.0 PLUMBING SYSTEMS																		
x	Piping																	
x	Replace Valves / Piping Allowance	1	Allowance	1	1	\$50,000.00	\$52,500	0.00%		x	\$52,500				\$0	\$0		
5.0 HVAC SYSTEMS																		
x	Equipment																	
x	Replace Boilers	1	EA	1	1	\$100,000.00	\$105,000	2.60%		x	\$105,000				\$0	\$0		
x	Replace Unit Ventilator (Horizontal) - Heat Only	17	EA	1	17	\$7,500.00	\$133,875	3.31%		x	\$133,875				\$0	\$0		
Miscellaneous HVAC																		
x	Temperature Controls	28,000	SF	1	28,000	\$2.50	\$73,500	1.82%		x	\$73,500				\$0	\$0		
HVAC SYSTEMS SUBTOTAL																		
x								\$312,375	7.73%			\$312,375			\$0	\$312,375		
6.0 ELECTRICAL SYSTEMS																		
x	Power																	
x	Replace Existing Electrical Panels	4,25	EA	1	4,25	\$5,000.00	\$22,313	0.55%		x	\$22,313				\$0	\$0		
x	Power for Mechanical Equipment	17	LS	1	17	\$4,000.00	\$71,400	1.77%		x	\$71,400				\$0	\$0		
Lighting																		
x	Replace Lighting with LED's (New OS, Switching, etc.)	28,000	SF	1	28,000	\$6.50	\$191,100	4.79%			\$0				\$244,608	\$0		
x	Add Occupancy Sensors	17	EA	1	17	\$50,000.00	\$8,925	0.22%		x	\$0				\$11,424	\$0		
x	Building Exterior/Site Lighting Allowance	1	Allowance	1	1	\$50,000.00	\$52,500	1.30%		x	\$52,500				\$0	\$0		
Fire Alarm Systems																		
x	Adjustments to Fire Alarm System	17	Allowance	1	17	\$5,000.00	\$9,250	2.21%			\$0				\$14,240	\$0		
Miscellaneous																		
x	New Wireless Clock System	28,000	SF	1	28,000	\$0.25	\$7,350	0.18%		x	\$7,350				\$0	\$0		
ELECTRICAL SYSTEMS SUBTOTAL																		
x								\$442,838	10.95%			\$153,563			\$370,272	\$0		
7.0 SECURITY																		
x	Security																	
x	Video Surveillance Camera	5	EA	1	5	\$1,750.00	\$9,188	0.23%		x	\$9,188				\$0	\$0		
SECURITY SYSTEMS SUBTOTAL																		
x								\$9,188	0.23%			\$9,188			\$0	\$9,188		
8.0 ABATEMENT																		
x	ABATEMENT SUBTOTAL							\$0	0.00%			\$0			\$0	\$0		
9.0 FURNITURE & EQUIPMENT																		
x	General Furniture																	
x	Classroom Furniture	17	Allowance	1	17	\$12,000.00	\$214,200	5.30%			\$0				\$317,016			
x	Other																	
x	Create Secure Vestibule at Main Entrance	1	EA			\$200,000.00	\$0	0.00%			\$0				\$0	\$0		
FURNITURE & EQUIPMENT SUBTOTAL																		
x								\$214,200	5.30%			\$0			\$317,016	\$317,016		

Building 04 - Fair Plain East Elementary

Photos:



Building 05 – International Academy at Hull



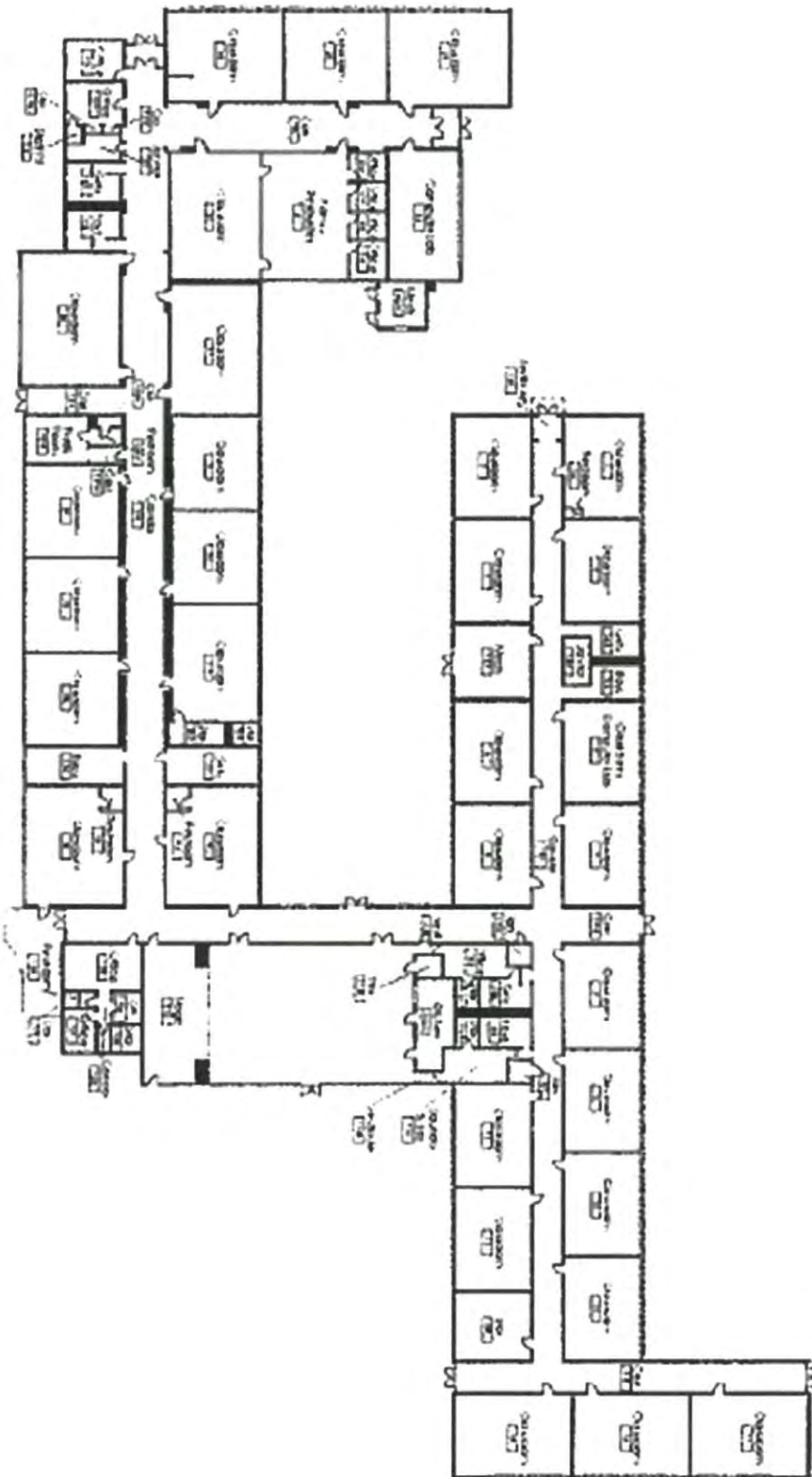
Address:	1716 Territorial Road, Benton Harbor, MI 49022
Year Built:	1926
Square Footage:	53,400
Enrollment (2019-2020):	351
Acres:	
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:



Building 05 - International Academy at Hull

1st Floor Plan:



Building 05 - International Academy at Hull

Summary of Budgets:

Building 05 - International Academy at Hull

Photos:

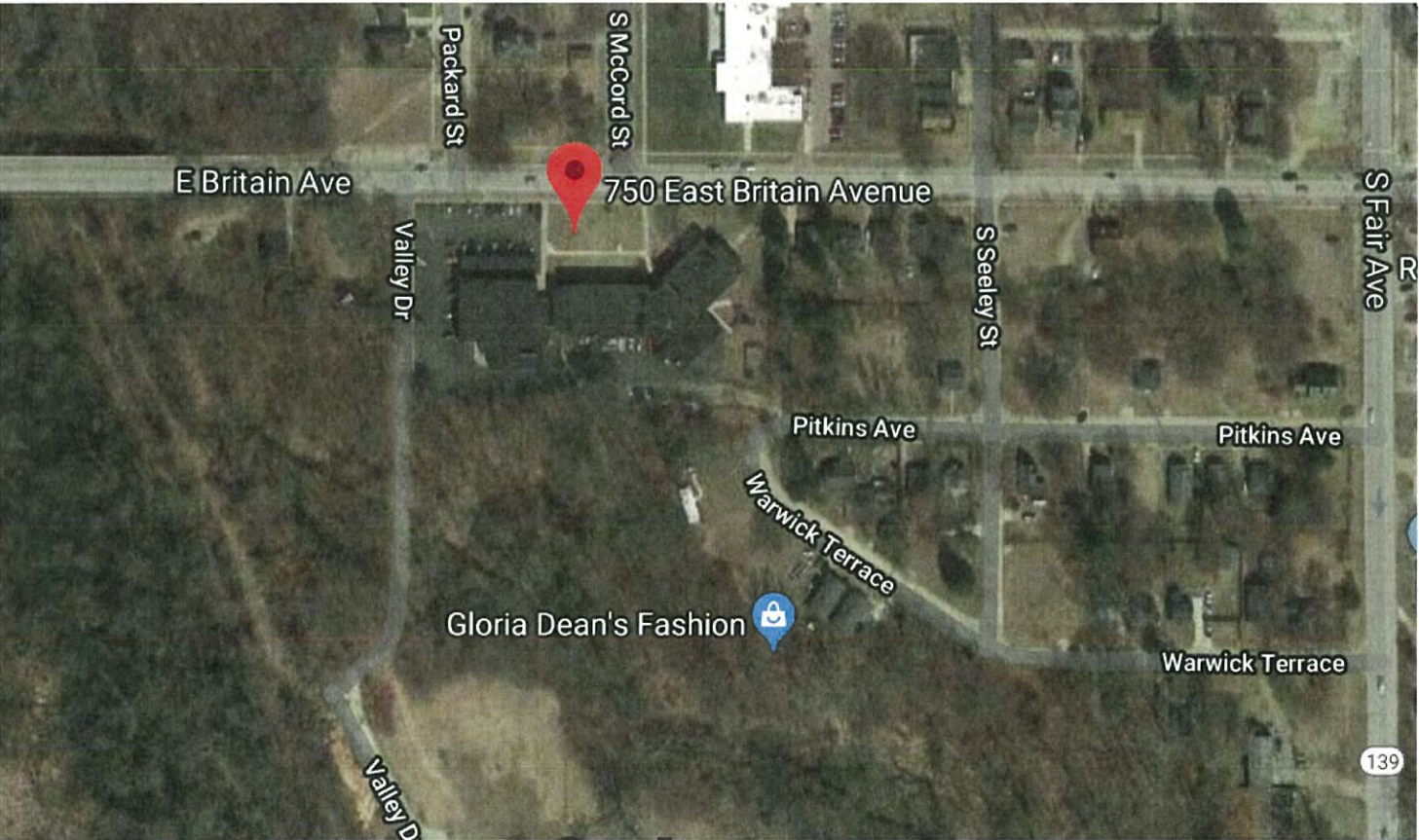


Building 06 – Martin Luther King



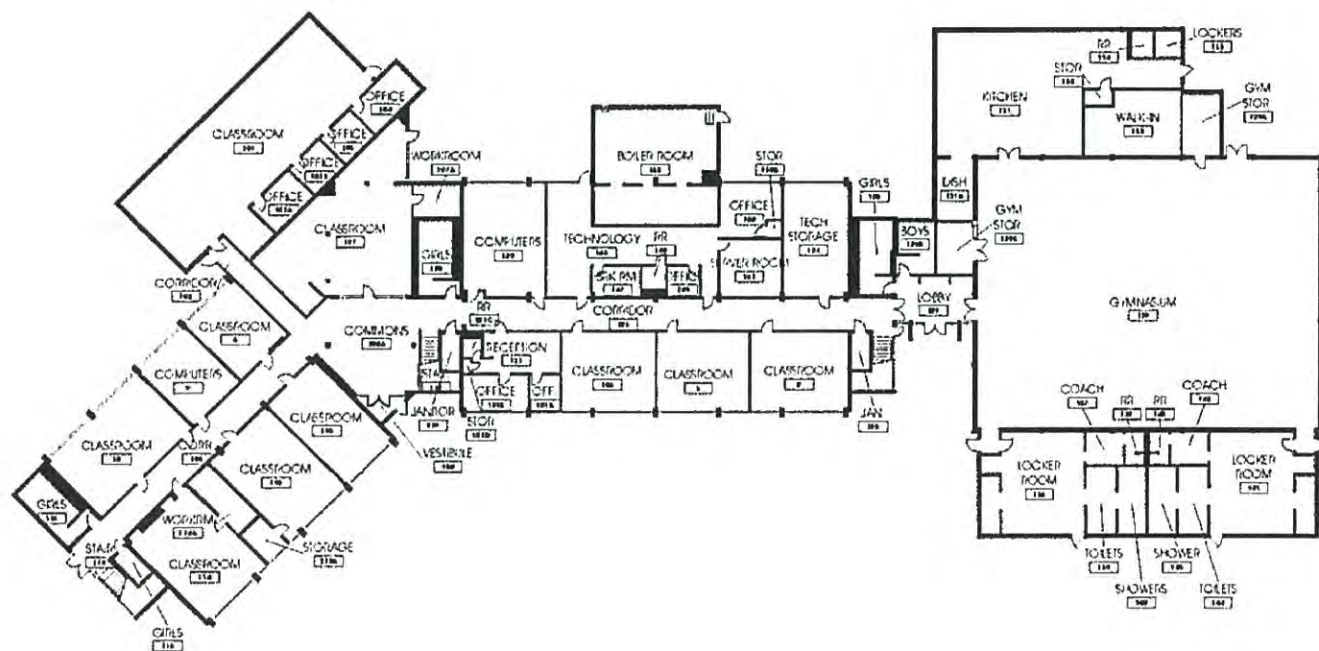
Address:	750 East Britain, Benton Harbor, MI 49022
Year Built:	1950
Square Footage:	52,150
Enrollment (2019-2020):	N/A
Acres:	
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:

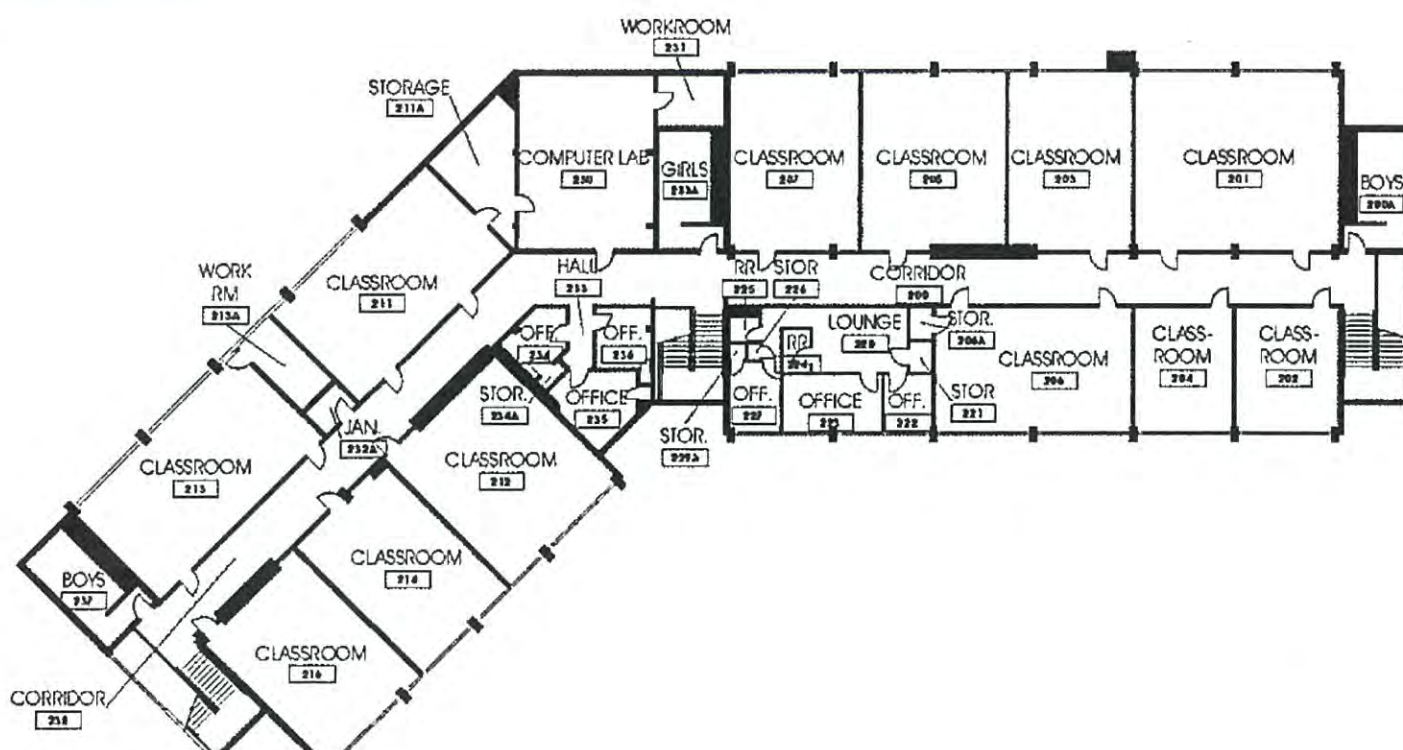


Building 06 – Martin Luther King

1st Floor Plan:



2nd Floor Plan:



Building 06 – Martin Luther King

Summary of Budgets:

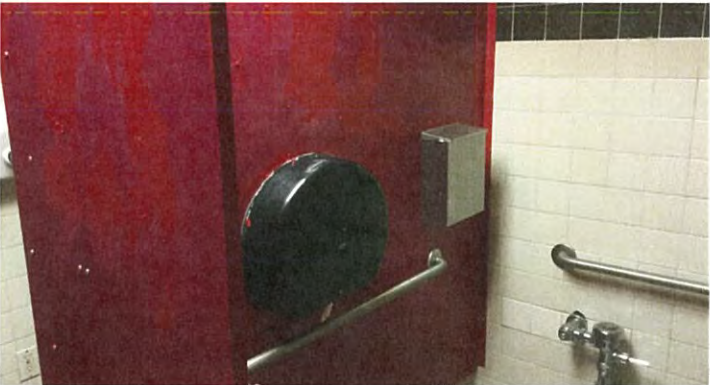
Program Area											
Quantity Per Unit	Unit	# of Units	Total Units	Base Unit Cost (\$)	Net Present Value Cost (\$)	As % of Total Cost	Ranked Capital Priorities				
							Critical Needs Cost (1 - 3 years)	Deferrable Maintenance Cost (4 - 6 years)	Property Enhancement Cost (7 - 10 years)		
60 ELECTRICAL SYSTEMS											
x	Power										
x	Replace Existing Electrical Panels	1 allowance	1	\$300,000.00	\$315,000	8.45%					
x	Power for Mechanical Equipment	1 LS	19	\$4,000.00	\$79,800	2.14%	x		\$0	\$0	
Lighting											
x	Replace Lighting with LED's (New OS, Switching, etc.)	1 SF	1	\$6.50	\$273,000	7.33%					
x	Replace Exterior Wall Packs	1 EA	25	\$750.00	\$19,688	0.53%	x		\$0	\$0	
x	Fire Alarm System										
x	Adjustments to Fire Alarm System	1 Allowance	19	\$5,000.00	\$99,750	2.68%			\$0	\$0	
x	Miscellaneous										
x	Power for Technology Upgrades	1 allowance	1	\$60,000.00	\$63,000	1.69%			\$0	\$0	
x	ELECTRICAL SYSTEMS SUBTOTAL				\$850,238	22.82%			\$208,640	\$0	
70 SECURITY											
x	Security										
x	Video Surveillance Camera	1 EA	4	\$1,750.00	\$7,350	0.20%			\$9,408	\$0	
x	SECURITY SYSTEMS SUBTOTAL				\$7,350	0.20%			\$9,408	\$0	
80 ABATEMENT											
x	ABATEMENT SUBTOTAL				\$0	0.00%			\$0	\$0	
90 FURNITURE & EQUIPMENT											
x	FURNITURE & EQUIPMENT SUBTOTAL				\$0	0.00%			\$0	\$0	
100 TECHNOLOGY											
x	Technology										
x	Upgrade Technology	1 allowance	1	\$200,000	\$210,000	5.64%			\$268,800	\$0	
x	TECHNOLOGY SUBTOTAL				\$210,000	5.64%			\$268,800	\$0	
x	Building Infrastructure Improvement Total:			\$54.36	\$2,834,822	76.08%			\$1,908,669	\$694,848	
x	Project Contingency:	10.00%			\$262,482	7.04%			\$190,867	\$42,605	
x	Permits, Testing & Printing:	2.50%			\$72,183	1.94%			\$52,488	\$11,716	
x	Construction Manager Fee and Costs:	9.00%			\$266,354	7.15%			\$193,682	\$43,233	
x	Professional Fees & Costs:	9.00%			\$290,326	7.79%			\$211,114	\$62,746	
x	PROJECT TOTAL				\$3,726,166	100.00%			\$439,527	\$759,929	

ESCALATED PROJECT TOTAL

\$4,156,275

Building 06 – Martin Luther King

Photos:



Building 07 – Discovery Enrichment Center



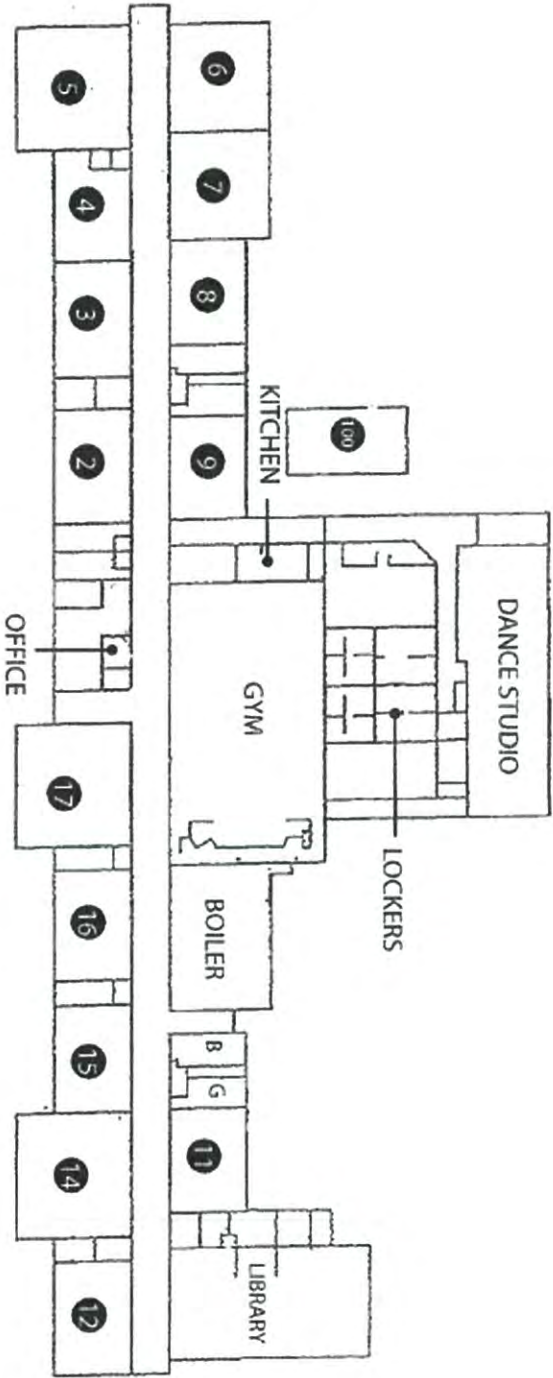
Address:	465 S. McCord Street, Benton Harbor, MI 49022
Year Built:	1950
Square Footage:	38,350
Enrollment (2019-2020):	202 (138 - kindergarten + 64 PK/GSRP)
Acres:	
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:



Building 07 - Discovery Enrichment Center

1st Floor Plan:



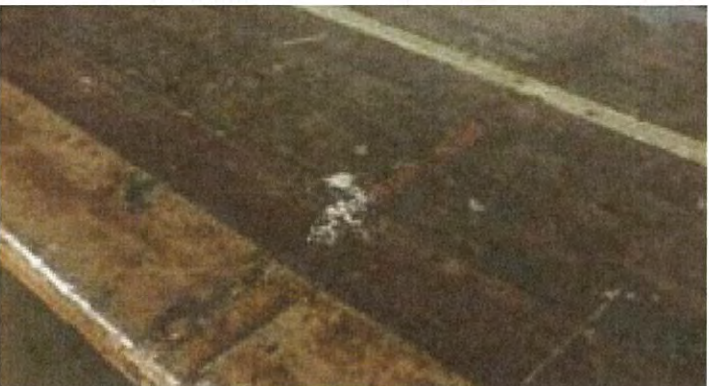
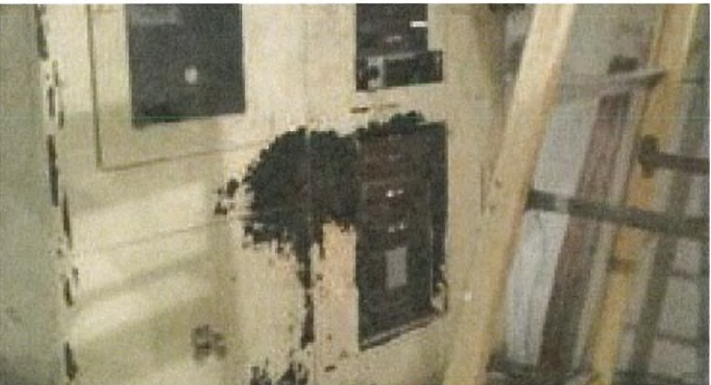
Building 07 - Discovery Enrichment Center

Summary of Budgets:

Discovery Enrichment Center									
Include (x)	Cost Data			Cost Escalation Factors			TOTAL		
	Specification Factor = U.S. Median Cost Escalation Factor =	1.00 (Medium) Summer 2019	1.00 (U.S. Median) Summer 2019	1.05	1.05	1.28			
x	Professional Fees & Costs:	9.00%	7.02%	\$206,722	\$49,936	\$190,280	\$12,032		
x	PROJECT TOTAL		100.00%	\$2,944,638	\$625,783	\$2,438,907	\$611,970		

Building 07 - Discovery Enrichment Center

Photos:



Building 08 – Skill Center (Maintenance) Building



Address: 373 S. Fair Avenue, Benton Harbor, MI 49022

Year Built:

Square Footage: 22,500

Enrollment (2019-2020): N/A

Acres:

Stories:

Basement:

Elevator(s):

Exterior Façade:

Roof:

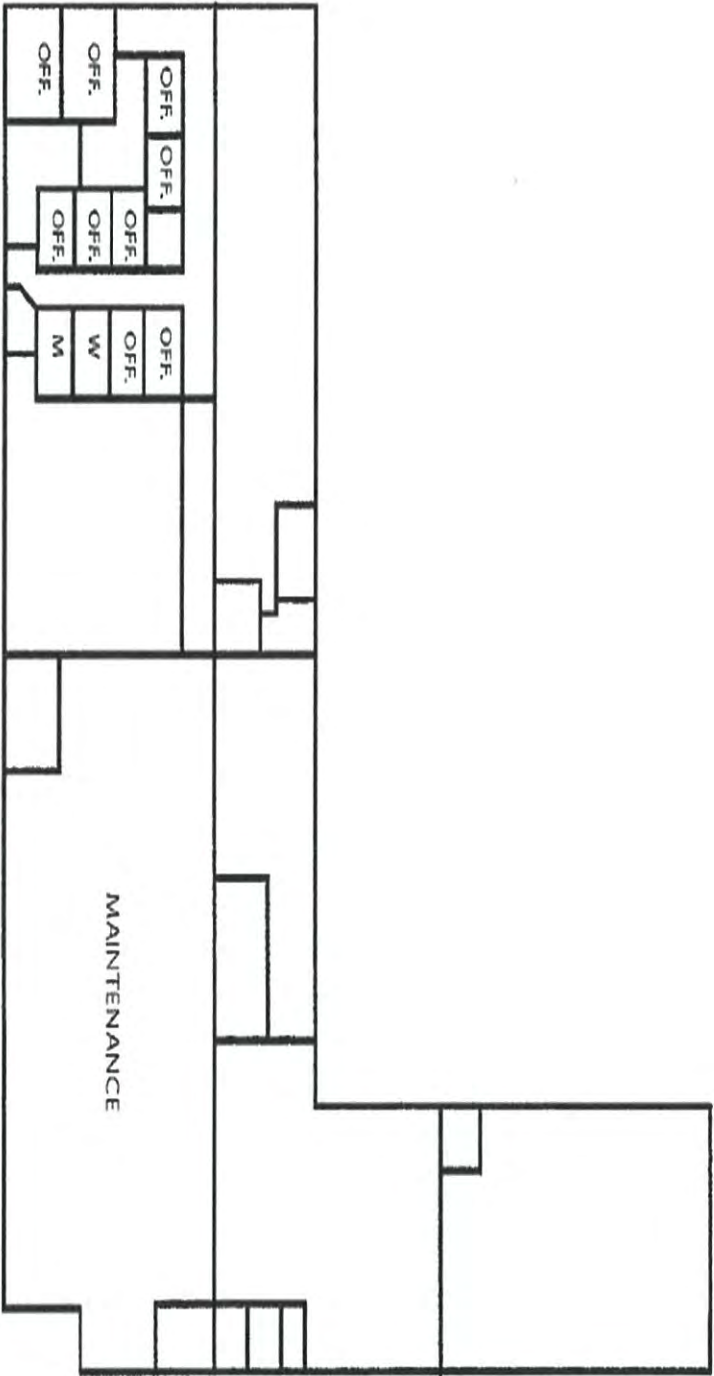
Fire Protection:

Site Plan:



Building 08 – Skill Center (Maintenance) Building

1st Floor Plan:



Building 09 – Transportation Building



Address:	600 McKann Street, Benton Harbor 49022
Year Built:	
Square Footage:	12,500
Enrollment (2019-2020):	N/A
Parking Spaces:	
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:



Building 09 - Transportation Building

Summary of Budgets:

Building 09 - Transportation Building

Photos:



Building 10 – Boynton Facility



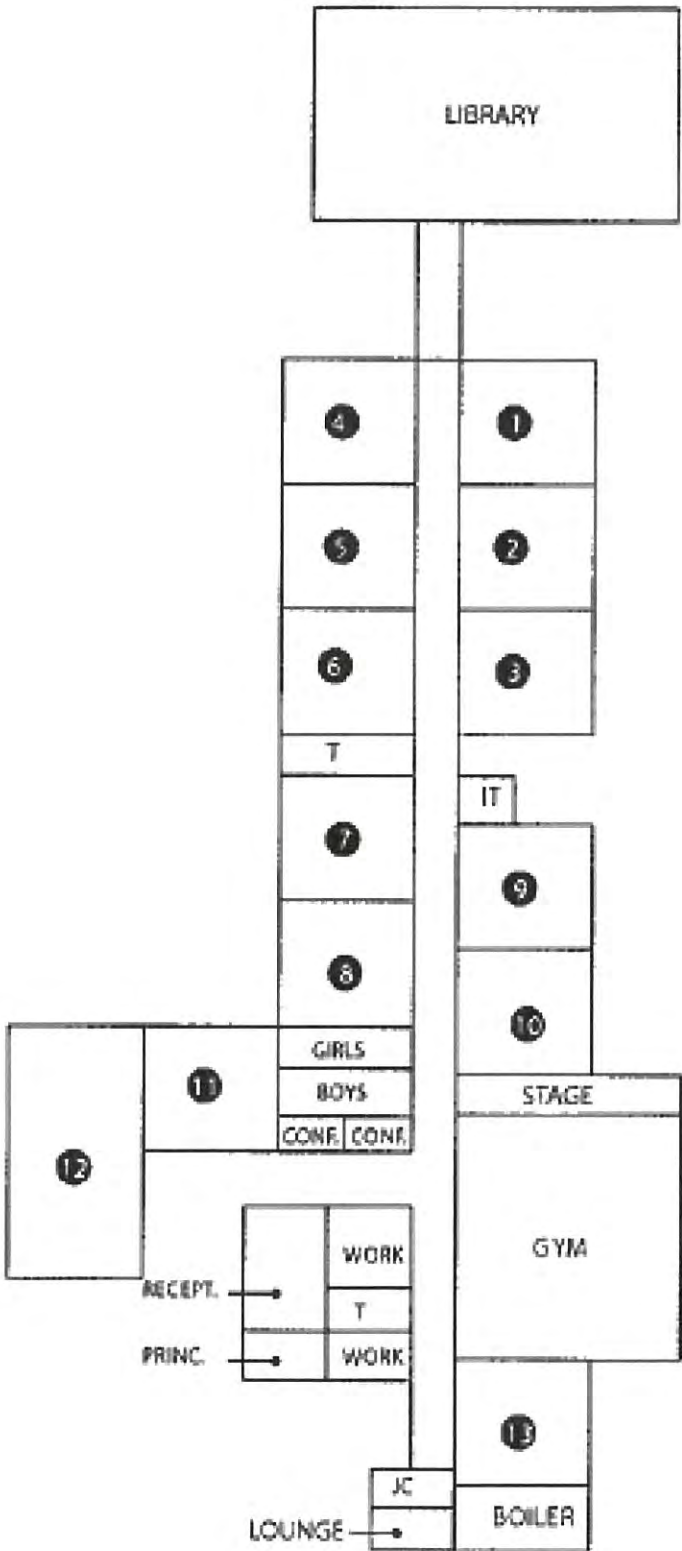
Address:	1691 E. Britain Avenue, Benton Harbor, MI 49022
Year Built:	
Square Footage:	23,265
Enrollment (2019-2020):	N/A
Acres:	8.20
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:



Building 10 - Boynton Facility

1st Floor Plan:



Building 10 - Boynton Facility

Summary of Budgets:

Boynton Facility (building closed)

Cost Data	Specification Factor	Base Unit	Net Present Value	As % of Total	Ranked Capital Priorities	Deferable Maintenance Cost	Property Enhancement Cost	TOTAL
1.00 (Medium)	1.00 (Medium)	Cost (\$)	Cost (\$)	Cost	Critical Needs Cost	(4 - 6 years)	(7 - 10 years)	
1.00 (Low)	1.00 (Low)							
1.05 (Summer 2019)	1.05 (Summer 2019)							

Program Area	Quantity Per Unit	Unit	# of Units	Total Units	Base Unit Cost (\$)	Net Present Value Cost (\$)	As % of Total Cost	Critical Needs Cost (\$1 - 3 years)	Deferable Maintenance Cost (\$4 - 6 years)	Property Enhancement Cost (\$7 - 10 years)	TOTAL
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NOTES: Worksheet 04

Program Area	Quantity Per Unit	Unit	# of Units	Total Units	Base Unit Cost (\$)	Net Present Value Cost (\$)	As % of Total Cost	Critical Needs Cost (\$1 - 3 years)	Deferable Maintenance Cost (\$4 - 6 years)	Property Enhancement Cost (\$7 - 10 years)	TOTAL
8.0 HVAC SYSTEMS											
Equipment											
Replace Boilers	1	EA	1	1	\$100,000.00	\$105,000.00	1.42%	\$105,000	\$0	\$0	\$0
Replace Gym AHU	1	EA	1	1	\$30,000.00	\$31,500.00	0.43%	\$31,500	\$0	\$0	\$0
Replace Unit Ventilator (Horizontal) - Heat & A/C (DX)	13	EA	1	13	\$9,000.00	\$122,850.00	1.66%	\$122,850	\$0	\$0	\$0
Replace Radiant Heating	2000	LF	1	2000	\$85.00	\$178,500.00	2.42%	\$178,500	\$0	\$0	\$0
Replace Exhaust Fans	4	EA	1	4	\$3,500.00	\$14,700.00	0.20%	\$14,700	\$0	\$0	\$0
Piping											
Replace Piping/Valves (where needed) Allowance	1	Allowance	1	1	\$50,000.00	\$52,500.00	0.71%	\$52,500	\$0	\$0	\$0
Miscellaneous HVAC											
Air and Water Balance	24,000	SF	1	24,000	\$0.15	\$3,780.00	0.05%	\$3,780	\$0	\$0	\$0
Commissioning	24,000	SF	1	24,000	\$0.20	\$5,040.00	0.07%	\$5,040	\$0	\$0	\$0
Temperature Controls	24,000	SF	1	24,000	\$2.50	\$63,000.00	0.85%	\$63,000	\$0	\$0	\$0
Add / Modify Temperature Controls Allowance	1	Allowance	1	1	\$50,000.00	\$52,500.00	0.71%	\$52,500	\$0	\$0	\$0
HVAC SYSTEMS SUBTOTAL						\$229,370	8.52%	\$229,370			\$229,370
9.0 ELECTRICAL SYSTEMS											
Power											
Power for IT Equipment & Upgrades	1	Allowance	1	1	\$60,000.00	\$62,000.00	0.85%	\$62,000	\$0	\$0	\$0
Power for new HVAC	1	Allowance	1	1	\$50,000.00	\$52,500.00	0.71%	\$52,500	\$0	\$0	\$0
Power for Mechanical Equipment	1	LS	1	1	\$35,000.00	\$36,750.00	0.50%	\$36,750	\$0	\$0	\$0
Lighting											
Replace Lighting with LED's (New OS, Switching, etc.)	24,000	SF	1	24,000	\$6.50	\$163,800.00	2.22%	\$163,800	\$0	\$0	\$0
New Lighting Controls per Updated Code	24,000	SF	1	24,000	\$2.00	\$50,400.00	0.68%	\$50,400	\$0	\$0	\$0
Replace Exterior Wall Packs	B	EA	1	B	\$750.00	\$6,300.00	0.09%	\$6,300	\$0	\$0	\$0
Replace Emergency & Exit Lights	24,000	SF	1	24,000	\$0.25	\$6,300.00	0.09%	\$6,300	\$0	\$0	\$0
Fire Alarm System											
Replace Fire Alarm System	24,000	SF	1	24,000	\$2.00	\$50,400.00	0.68%	\$50,400	\$0	\$0	\$0
Replace FACP	1	EA	1	1	\$5,000.00	\$5,250.00	0.07%	\$5,250	\$0	\$0	\$0
Miscellaneous											
New Wireless Clock System	24,000	SF	1	24,000	\$0.50	\$12,600.00	0.17%	\$12,600	\$0	\$0	\$0
Replace PA System	1	Allowance	1	1	\$60,000.00	\$63,000.00	0.85%	\$63,000	\$0	\$0	\$0
Replace Clock	20	EA	1	20	\$550.00	\$10,500.00	0.14%	\$10,500	\$0	\$0	\$0
ELECTRICAL SYSTEMS SUBTOTAL						\$230,800	7.05%	\$230,800			\$230,800
7.0 SECURITY											
Security											
Provide Secure Vestibule Entry	1	LS	1	1	\$200,000.00	\$210,000.00	0.00%	\$210,000	\$0	\$0	\$0
SECURITY SYSTEMS SUBTOTAL						\$210,000	2.04%	\$210,000			\$210,000
8.0 ABATEMENT											
ABATEMENT SUBTOTAL						\$0	0.00%	\$0			\$0
9.0 FURNITURE & EQUIPMENT											
General Furniture											
Classroom Furniture	1	Allowance	1	1	\$15,000.00	\$15,750.00	0.21%	\$15,750	\$0	\$0	\$0
Cafeteria Tables	B	EA	1	B	\$1,100.00	\$9,240.00	0.13%	\$9,240	\$0	\$0	\$0
Misc. Furniture	1	Allowance	1	1	\$120,000.00	\$126,000.00	1.70%	\$126,000	\$0	\$0	\$0
Media Center Furniture	1	Allowance	1	1	\$100,000.00	\$105,000.00	1.42%	\$105,000	\$0	\$0	\$0
Miscellaneous FF&E											
Food Service Equipment - Elementary	1	Allowance	1	1	\$150,000.00	\$157,500.00	2.13%	\$157,500	\$0	\$0	\$0
FURNITURE & EQUIPMENT SUBTOTAL						\$413,490	5.99%	\$413,490			\$413,490
10.0 TECHNOLOGY											
Technology											
Classroom Instructional Wall (Boards/Projector)	13	EA	1	13	\$5,000.00	\$68,750.00	0.92%	\$68,750	\$0	\$0	\$0
Network (WAN/LAN/WiFi/Internet)	1	allowance	1	1	\$750,000.00	\$762,500.00	3.55%	\$762,500	\$0	\$0	\$0
Telecommunications	1	allowance	1	1	\$100,000.00	\$105,000.00	1.42%	\$105,000	\$0	\$0	\$0
Wireless Access Points	1	allowance	1	1	\$2,500.00	\$2,625.00	0.04%	\$2,625	\$0	\$0	\$0
Technology Infrastructure (Priority 1)	1	LS	1	1	\$80,000.00	\$84,000.00	1.14%	\$84,000	\$0	\$0	\$0
Technology Equipment (Priority 1)	1	LS	1	1	\$250,000.00	\$262,500.00	3.55%	\$262,500	\$0	\$0	\$0
TECHNOLOGY SUBTOTAL						\$784,875	10.62%	\$784,875			\$784,875
Building Infrastructure Improvement Total						\$5,827,108	78.76%	\$5,827,108			\$5,827,108
Project Contingency	10.00%					\$462,272	6.25%	\$462,272			\$462,272
Permits, Testing & Printing	2.50%					\$127,125	1.72%	\$127,125			\$127,125
Construction Manager Fee and Costs	9.00%					\$469,090	6.35%	\$469,090			\$469,090
Professional Fees & Costs	9.00%					\$511,308	6.92%	\$511,308			\$511,308
PROJECT TOTAL						\$7,390,875	100.00%	\$6,926,710			\$7,390,875

ESCALATED PROJECT TOTAL \$7,520,841

Building 10 – Boynton Facility

Photos:



Building 11 – Fair Plain Northwest



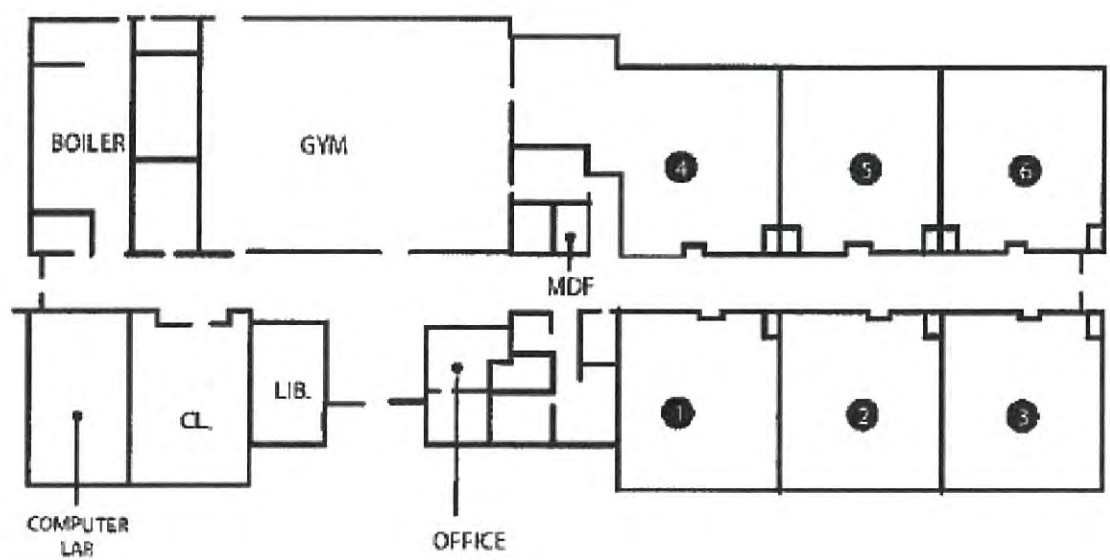
Address:	1452 Learning Lane, Benton Harbor, MI 49022
Year Built:	1959
Square Footage:	16,210
Enrollment (2019-2020):	N/A
Acres:	4.25
Stories:	
Basement:	
Elevator(s):	
Exterior Façade:	
Roof:	
Fire Protection:	

Site Plan:



Building 11 - Fair Plain Northwest

1st Floor Plan:



Building 11 - Fair Plain Northwest

Summary of Budgets:

Fair Plain Northwest (building closed)

NOTES: Enclosed

Cost Data
Specification Factor = 1.00 (Medium)
Geographic Factor = 1.00 (U.S. Medium)
Cost Escalation Factor = 1.05 Summer 2019Cost Escalation Factors
1.05

1.28

1.48

TOTAL

Program Area	Quantity Per Unit	Unit	# of Units	Total Units	Base Unit Cost (\$)	Net Present Value Cost (\$)	As % of Total Cost	Ranked Capital Priorities			
								Critical Needs Cost (1 - 3 years)	Deferrable Maintenance Cost (4 - 6 years)	Property Enhancement Cost (7 - 10 years)	
5.0 HVAC SYSTEMS											
Equipment	1	EA	1	1	\$100,000.00	\$105,000	2.27%				
Replace Boilers	10	EA	1	10	\$9,500.00	\$94,500	2.04%			\$105,000	
Replace Unit Ventilator (Horizontal) - Heat & A/C (DX)	500	LF	1	500	\$85.00	\$44,625	0.96%			\$94,500	\$0
Replace Radiant Heating	2	EA	1	2	\$3,500.00	\$7,350	0.16%			\$44,625	\$0
Miscellaneous HVAC	16,210	SF	1	16,210	\$0.15	\$2,553	0.06%			\$7,350	\$0
Air and Water Balance	16,210	SF	1	16,210	\$0.20	\$3,404	0.07%			\$2,553	\$0
Commissioning	16,210	SF	1	16,210	\$0.20	\$3,404	0.07%			\$3,404	\$0
Temperature Controls	1	Allowance	1	1	\$20,000.00	\$21,000	0.45%			\$42,551	\$0
Add / Modify Temperature Controls Allowance						\$21,000	0.45%			\$21,000	\$0
						\$320,983	6.92%			\$0	\$0
6.0 ELECTRICAL SYSTEMS											
Power	1	Allowance	1	1	\$30,000.00	\$31,500	0.68%				
Power for IT Equipment & Upgrades	1	Allowance	1	1	\$35,000.00	\$36,750	0.79%				\$0
Power for new HVAC	1	Allowance	1	1	\$35,000.00	\$36,750	0.79%				\$0
Lighting	16,210	SF	1	16,210	\$6.50	\$110,633	2.39%				
Replace Lighting with LEDs (New OS, Switching, etc.)	5	EA	1	5	\$750.00	\$3,750	0.08%			\$110,633	\$0
Replace Exterior Wall Packs	16,210	SF	1	16,210	\$0.25	\$4,255	0.09%			\$3,750	\$0
Replace Emergency & Exit Lights						\$4,255	0.09%			\$4,255	\$0
Fire Alarm System	16,210	SF	1	16,210	\$2.00	\$34,041	0.73%				
Replace Fire Alarm System	1	EA	1	1	\$5,000.00	\$5,250	0.11%			\$34,041	\$0
Replace FACP						\$5,250	0.11%			\$5,250	\$0
Miscellaneous	16,210	SF	1	16,210	\$0.25	\$4,255	0.09%				\$0
New Wireless Clock System						\$52,500	1.13%			\$4,255	\$0
Replace PA System						\$52,500	1.13%			\$52,500	\$0
						\$283,122	6.11%			\$0	\$0
7.0 SECURITY											
Security											
Provide Secure Vestibule Entry	1	allowance	1	1	\$150,000.00	\$157,500	0.00%			\$157,500	\$0
						\$157,500	3.40%			\$157,500	\$0
8.0 ABATEMENT											
ABATEMENT SUBTOTAL											
9.0 FURNITURE & EQUIPMENT											
General Furniture											
Classroom Furniture	1	Allowance	1	1	\$12,000.00	\$12,600	0.27%			\$12,600	\$0
Cafeteria Tables	6	EA	1	6	\$1,100.00	\$6,930	0.15%			\$6,930	\$0
						\$124,530	2.69%			\$124,530	\$0
FURNITURE & EQUIPMENT SUBTOTAL											
10.0 TECHNOLOGY											
Technology											
Classroom - Instructional Wall (Boards/Projector)	10	EA	1	10	\$5,000.00	\$52,500	1.13%			\$52,500	\$0
Network (WAN/LAN/WLAN/Internet)	1	allowance	1	1	\$150,000.00	\$157,500	3.40%			\$157,500	\$0
Telecommunications	1	allowance	1	1	\$50,000.00	\$52,500	1.13%			\$52,500	\$0
Technology Infrastructure (Priority 1)	1	LS	1	1	\$60,000	\$63,000	1.36%			\$63,000	\$0
						\$325,500	7.02%			\$325,500	\$0
Building Infrastructure Improvement Total					\$220.51	\$3,574,396	77.11%			\$0	\$0
Project Contingency	10.00%					\$312,437	6.74%			\$312,437	\$0
Permits, Testing & Printing	2.50%					\$85,920	1.85%			\$85,920	\$0
Construction Manager Fee and Costs	9.00%					\$317,045	6.84%			\$317,045	\$0
Professional Fees & Costs						\$345,579	7.46%			\$345,579	\$0
PROJECT TOTAL											
						\$4,635,377	100.00%			\$4,635,377	\$0

ESCALATED PROJECT TOTAL

\$4,635,377

Building 11 - Fair Plain Northwest

Photos:



plante moran | cresa

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