

Parma City Schools - Executive Summary of Introductory Work

Summary of Facilities Assessment Reports 1/25/2018

Projected renovation costs remain to be reviewed by District, and are subject to change based on input of District and their Pre-Bond Architect. Additionally, OFCC will task an Environmental Consultant to conduct an Enhanced Environmental Hazards Assessment in order to better define the budgets for any abatement of hazardous materials.

Building	Square Footage	Renovation Cost	Renovate / Replace Ratio	Site Acreage	Comment
Arlington ES	33,205	\$9,272,195	108%	31.75	Addition Required To Populate
James E. Hanna ES	29,070	\$7,007,909	94%	15	Addition Required To Populate
Parkview ES	28,794	\$7,055,438	95%	7.24	Addition Required To Populate
Dentzler ES	39,831	\$8,594,388	84%	13	Addition Required To Populate
Green Valley ES	36,373	\$8,470,207	90%	16.97	Addition Required To Populate
John Muir ES	68,473	\$12,847,725	76%	15.59	
Parma Park ES	41,103	\$9,281,343	89%	9.5	Addition Required To Populate
Pleasant Valley ES	90,276	\$18,594,278	87%	32.6	
Pleasantview ES	32,142	\$8,137,039	99%	8.44	Addition Required To Populate
Renwood ES	28,710	\$6,838,064	93%	5.4	Addition Required To Populate
Ridge-Brook ES	38,384	\$8,148,968	82%	4.27	Addition Required To Populate
Thoreau Park ES	65,958	\$14,063,710	87%	7.7	
Greenbriar MS	125,857	\$25,730,524	88%	21.1	
Hillside MS	89,804	\$18,925,481	87%	16.64	
Shiloh MS	94,604	\$18,095,753	79%	15	
Normandy HS	274,493	\$43,123,808	66%	33.2	Structural Analysis Pending
Parma Senior HS	422,160	\$72,658,653	72%	44.35	Structural Analysis Pending
Valley Forge HS	327,782	\$60,302,903	78%	54	

Parma City Schools - Executive Summary of OFCC Introductory Work

Summary of Initial Master Plans 1/25/2018

The following brief summaries of three Master Plan concepts are simply intended to provide a starting point for beginning to ponder the conceptual possibilities and rough costs of various solutions that can be developed. These plans depict preliminary "ballpark" estimates only, as definitive project budgets can only be determined following the production of formal Enrollment Projections, which remains to be carried out.

In addition to developing formal Enrollment Projections, OFCC will also assign an Environmental Consultant to carry out an Enhanced Environmental Hazards Assessment on all buildings. This is done to more accurately define the abatement budgets for removing any hazardous materials from existing facilities.

Master Plan	Valid / Invalid	Total Cost	Co-Funded	LFI	State Share	Local Share
#1	Invalid	\$ 362,073,154	\$ 314,033,987	\$ 48,039,167	\$ 84,789,176	\$ 277,283,978
	*	Abandon Arlington ES, James E. Hanna ES, & Parkview ES				
	*	Renovations / Addition to Pleasantview ES to house grades PK-K				
	*	Renovations to John Muir ES, Pleasant Valley ES & Thoreau Park ES to house grades K-4				
	*	Renovations / Addition to Dentzler ES, Green Valley Es, Parma Park ES, Renwood ES, & Ridge-Brook ES to house grades K-4				
	*	Renovations / Addition to Greenbriar MS to house grades 5-7				
	*	Renovations to Hillside MS & Shiloh MS to house grades 5-7				
	*	Renovations to Normandy HS, Parma Senior HS, & Valley Forge HS to house grades 8-12				
	*	<i>Note: Plan intent is to illustrate cost to renovate existing buildings, which were populated with current enrollment of 10,346 students, grade configurations of each building left as presently operating. Plan would require additions at buildings not large enough to place at least 350 students in, if those buildings were to be kept to educate K-12 students. Plan invalid as developed due to calling for new construction at some buildings for additions while overall there is approximately 500,000 SF of Excess Space.</i>				
	*	<i>Note: Site acreage at existing Elementary buildings may make it impossible or operationally impractical to construct needed building additions.</i>				

Master Plan	Valid / Invalid	Total Cost	Co-Funded	LFI	State Share	Local Share
#2	Invalid	\$ 361,672,346	\$ 307,650,568	\$ 54,021,778	\$ 83,065,653	\$ 278,606,693
	*	Abandon Arlington ES, James E. Hanna ES, & Parkview ES				
	*	Renovations / Addition to Pleasantview ES to house grades PK-K				
	*	Renovations to John Muir ES, Pleasant Valley ES & Thoreau Park ES to house grades K-4				
	*	Renovations / Addition to Dentzler ES, Green Valley Es, Parma Park ES, Renwood ES, & Ridge-Brook ES to house grades K-4				
	*	Renovations to Greenbriar MS, Hillside MS & Shiloh MS to house grades 5-7				
	*	Renovations to Normandy HS, Parma Senior HS, & Valley Forge HS to house grades 8-12				
	*	<i>Note: Plan intent is to illustrate cost to renovate existing buildings, which were populated with reduced enrollment of 10,000 students, grade configurations of each building left as presently operating. Plan would require additions at buildings not large enough to place at least 350 students in, if those buildings were to be kept to educate K-12 students. Plan invalid as developed due to calling for new construction at some buildings for additions while overall there is approximately 500,000 SF of Excess Space.</i>				
	*	<i>Note: Site acreage at existing Elementary buildings may make it impossible or operationally impractical to construct needed building additions.</i>				

Master Plan	Valid / Invalid	Total Cost	Co-Funded	LFI	State Share	Local Share
#3	Valid	\$ 343,216,752	\$ 343,216,752	\$ -	\$ 92,668,523	\$ 250,548,229
	*	Abate / Demolish all existing buildings.				
	*	Build 6 (six) New Elementary Schools to house grades PK-4				
	*	Build 2 (two) New Elementary / Middle Schools to house grades 5-7				
	*	Build 2 (two) New Middle / High Schools to house grades 8-12				
	*	<i>Note: Plan intent is to illustrate cost of all new construction, buildings populated with reduced enrollment of 10,000 students, and utilizing the grade configurations currently in use. Availability of suitable sites large enough to place each building on would require serious study.</i>				

Original Construction (1965) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)				
Name: Arlington Elementary				Contact: N/A						
Address: 7377 Chateau Drive Parma, 44130				Phone: (440) 885-8645						
Bldg. IRN: 9994463601				Date Prepared: 2017-09-11		By: Julie Apt				
				Date Revised: 2018-01-19		By: Bernie Merritt				
Current Grades		PK	Acreage:		31.75					
Proposed Grades		N/A	Teaching Stations:		24					
Current Enrollment		0	Classrooms:		20					
Projected Enrollment		N/A								
Addition		Date	HA	Number of Floors	Current Square Feet					
Original Construction		1965	no	1	33,205					
Total					33,205					
		*HA =	Handicapped Access							
		*Rating =	1 Satisfactory							
			=2 Needs Repair							
			=3 Needs Replacement							
		*Const P/S =	Present/Scheduled Construction							
FACILITY ASSESSMENT				Rating	Dollar Assessment					
Cost Set: 2017										
A. Heating System				3	\$1,132,954.60					
B. Roofing				3	\$616,867.00					
C. Ventilation / Air Conditioning				2	\$5,000.00					
D. Electrical Systems				3	\$538,917.15					
E. Plumbing and Fixtures				3	\$467,835.00					
F. Windows				3	\$704,295.00					
G. Structure: Foundation				2	\$4,400.00					
H. Structure: Walls and Chimneys				2	\$877,774.50					
I. Structure: Floors and Roofs				2	\$10,320.00					
J. General Finishes				3	\$1,091,660.50					
K. Interior Lighting				3	\$166,025.00					
L. Security Systems				3	\$119,634.25					
M. Emergency/Egress Lighting				3	\$33,205.00					
N. Fire Alarm				3	\$49,807.50					
O. Handicapped Access				3	\$103,296.00					
P. Site Condition				3	\$371,622.04					
Q. Sewage System				1	\$0.00					
R. Water Supply				1	\$0.00					
S. Exterior Doors				3	\$73,100.00					
T. Hazardous Material				3	\$110,399.40					
U. Life Safety				3	\$105,755.00					
V. Loose Furnishings				3	\$166,025.00					
W. Technology				3	\$437,641.90					
X. Construction Contingency / Non-Construction Cost				-	\$1,755,692.02					
Total					\$8,942,226.86					
Suitability Appraisal Summary										
Section						Points Possible	Points Earned	Percentage	Rating	Category
Cover Sheet						—	—	—	—	—
1.0 The School Site						100	67	67%	Borderline	
2.0 Structural and Mechanical Features						200	97	49%	Poor	
3.0 Plant Maintainability						100	51	51%	Borderline	
4.0 Building Safety and Security						200	111	56%	Borderline	
5.0 Educational Adequacy						200	81	41%	Poor	
6.0 Environment for Education						200	101	51%	Borderline	
LEED Observations						—	—	—	—	—
Commentary						—	—	—	—	—
Total						1000	508	51%	Borderline	
Enhanced Environmental Hazards Assessment Cost Estimates										
C=Under Contract										
Renovation Cost Factor										103.69%
Cost to Renovate (Cost Factor applied)										\$9,272,195.03
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>										

Original Construction (1955) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: James E. Hanna Elementary				Contact:			
Address: 11212 Snow Road Parma, OH 44130				Phone: (440) 842-2754			
Bldg. IRN: 34819				Date Prepared: 2017-09-11		By: Julie Apt	
				Date Revised: 2018-01-23		By: Bernie Merritt	
Current Grades		PK	Acreage:		15.00		
Proposed Grades		N/A	Teaching Stations:		20		
Current Enrollment		0	Classrooms:		18		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet		
Original Construction		1955	no	1	21,890		
Classroom Addition		1958	yes	1	7,180		
Total					29,070		
		*HA	= Handicapped Access				
		*Rating	=1 Satisfactory				
			=2 Needs Repair				
			=3 Needs Replacement				
		*Const P/S	= Present/Scheduled Construction				
FACILITY ASSESSMENT				Dollar			
Cost Set: 2017				Rating		Assessment C	
A. Heating System				3		\$746,886.80 -	
B. Roofing				3		\$459,980.60 -	
C. Ventilation / Air Conditioning				2		\$5,000.00 -	
D. Electrical Systems				3		\$355,274.70 -	
E. Plumbing and Fixtures				3		\$309,930.00 -	
F. Windows				3		\$246,262.00 -	
G. Structure: Foundation				1		\$0.00 -	
H. Structure: Walls and Chimneys				2		\$130,803.35 -	
I. Structure: Floors and Roofs				2		\$22,776.00 -	
J. General Finishes				3		\$777,856.50 -	
K. Interior Lighting				3		\$109,450.00 -	
L. Security Systems				3		\$87,386.50 -	
M. Emergency/Egress Lighting				3		\$21,890.00 -	
N. Fire Alarm				3		\$32,835.00 -	
O. Handicapped Access				2		\$78,373.00 -	
P. Site Condition				2		\$275,297.26 -	
Q. Sewage System				1		\$0.00 -	
R. Water Supply				1		\$0.00 -	
S. Exterior Doors				3		\$30,400.00 -	
T. Hazardous Material				3		\$116,409.20 -	
U. Life Safety				3		\$70,048.00 -	
V. Loose Furnishings				3		\$109,450.00 -	
W. Technology				3		\$288,510.20 -	
- X. Construction Contingency / Non-Construction Cost				-		\$1,044,351.13 -	
Total						\$5,319,170.24	
Suitability Appraisal Summary							
Section		Points Possible		Points Earned		Percentage Rating Category	
Cover Sheet							
		—		—		—	
1.0 The School Site		100		73		73% Satisfactory	
2.0 Structural and Mechanical Features		200		115		58% Borderline	
3.0 Plant Maintainability		100		57		57% Borderline	
4.0 Building Safety and Security		200		109		55% Borderline	
5.0 Educational Adequacy		200		94		47% Poor	
6.0 Environment for Education		200		110		55% Borderline	
LEED Observations							
		—		—		—	
Commentary							
		—		—		—	
Total		1000		558		56% Borderline	
Enhanced Environmental Hazards Assessment Cost Estimates							
C=Under Contract							
Renovation Cost Factor							
						103.69%	
Cost to Renovate (Cost Factor applied)						\$5,515,447.62	
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>							

Original Construction (1959) Summary

District: Parma City				County: Cuyahoga Area: Northeastern Ohio (8)			
Name: Parkview Elementary				Contact:			
Address: 5210 Loya Parkway Parma, OH 44134				Phone: (440) 885-2390			
Bldg. IRN: 29215				Date Prepared: 2017-09-20 By: Julie Apt			
				Date Revised: 2018-01-23 By: Bernie Merritt			
Current Grades		PK	Acreage:		7.24		
Proposed Grades		N/A	Teaching Stations:		16		
Current Enrollment		0	Classrooms:		15		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet		
Original Construction		1959	no	1	23,415		
Classroom Addition		1974	no	1	5,379		
Total					28,794		
		*HA	= Handicapped Access				
		*Rating	=1 Satisfactory				
			=2 Needs Repair				
			=3 Needs Replacement				
		*Const P/S	= Present/Scheduled Construction				
Suitability Appraisal Summary							
		Section		Points Possible	Points Earned	Percentage	Rating Category
		<u>Cover Sheet</u>		—	—	—	—
		<u>1.0 The School Site</u>		100	75	75%	Satisfactory
		<u>2.0 Structural and Mechanical Features</u>		200	108	54%	Borderline
		<u>3.0 Plant Maintainability</u>		100	66	66%	Borderline
		<u>4.0 Building Safety and Security</u>		200	125	63%	Borderline
		<u>5.0 Educational Adequacy</u>		200	110	55%	Borderline
		<u>6.0 Environment for Education</u>		200	116	58%	Borderline
		<u>LEED Observations</u>		—	—	—	—
		<u>Commentary</u>		—	—	—	—
		Total		1000	600	60%	Borderline
Enhanced Environmental Hazards Assessment Cost Estimates							
FACILITY ASSESSMENT				Rating	Dollar	Assessment C	
Cost Set: 2017							
A.	<u>Heating System</u>			3	\$798,919.80	C=Under Contract	
B.	<u>Roofing</u>			3	\$362,205.30		
C.	<u>Ventilation / Air Conditioning</u>			2	\$5,000.00	Renovation Cost Factor 103.69%	
D.	<u>Electrical Systems</u>			3	\$380,025.45	Cost to Renovate (Cost Factor applied) \$5,810,903.32	
E.	<u>Plumbing and Fixtures</u>			3	\$275,205.00	The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.	
F.	<u>Windows</u>			3	\$607,850.00		
G.	<u>Structure: Foundation</u>			2	\$0.00		
H.	<u>Structure: Walls and Chimneys</u>			2	\$181,779.35		
I.	<u>Structure: Floors and Roofs</u>			2	\$0.00		
J.	<u>General Finishes</u>			3	\$796,822.50		
K.	<u>Interior Lighting</u>			3	\$117,075.00		
L.	<u>Security Systems</u>			3	\$91,732.75		
M.	<u>Emergency/Egress Lighting</u>			3	\$23,415.00		
N.	<u>Fire Alarm</u>			3	\$35,122.50		
O.	<u>Handicapped Access</u>			2	\$62,048.00		
P.	<u>Site Condition</u>			2	\$452,271.02		
Q.	<u>Sewage System</u>			1	\$0.00		
R.	<u>Water Supply</u>			1	\$0.00		
S.	<u>Exterior Doors</u>			3	\$49,100.00		
T.	<u>Hazardous Material</u>			3	\$85,338.20		
U.	<u>Life Safety</u>			3	\$84,928.00		
V.	<u>Loose Furnishings</u>			3	\$93,660.00		
W.	<u>Technology</u>			3	\$1,318.00		
X.	<u>Construction Contingency / Non-Construction Cost</u>			-	\$1,100,295.73		
Total					\$5,604,111.60		

Building Summary - Dentzler Elementary (8391)

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: Dentzler Elementary				Contact: Ms. Renee Dzurnak			
Address: 3600 Dentzler Road Parma, OH 44134				Phone: (440) 885-2430			
Bldg. IRN: 8391				Date Prepared: 2017-09-12		By: Julie Apt	
				Date Revised: 2018-01-19		By: Bernie Merritt	
Current Grades		K-4	Acreage:		13.00		
Proposed Grades		N/A	Teaching Stations:		26		
Current Enrollment		426	Classrooms:		26		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet		
<u>Original Construction</u>		1957	no	1	33,464		
<u>Classroom Addition</u>		1964	no	1	6,367		
Total					39,831		
		*HA	= Handicapped Access				
		*Rating	=1 Satisfactory				
			=2 Needs Repair				
			=3 Needs Replacement				
		*Const P/S	= Present/Scheduled Construction				
Suitability Appraisal Summary							
Section							
Points Possible							
Points Earned							
Percentage							
Rating							
Category							
<u>Cover Sheet</u>							
1.0 The School Site							
2.0 Structural and Mechanical Features							
3.0 Plant Maintainability							
4.0 Building Safety and Security							
5.0 Educational Adequacy							
6.0 Environment for Education							
LEED Observations							
Commentary							
Total							
1000							
580							
58%							
Borderline							
Enhanced Environmental Hazards Assessment Cost Estimates							
C=Under Contract							
Renovation Cost Factor							
103.69%							
Cost to Renovate (Cost Factor applied)							
\$8,594,388.26							
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>							
FACILITY ASSESSMENT				Rating		Dollar Assessment	
Cost Set: 2017							
A.	<u>Heating System</u>			3	\$1,359,033.72		
B.	<u>Roofing</u>			3	\$629,996.20		
C.	<u>Ventilation / Air Conditioning</u>			2	\$5,000.00		
D.	<u>Electrical Systems</u>			3	\$646,457.13		
E.	<u>Plumbing and Fixtures</u>			3	\$418,717.00		
F.	<u>Windows</u>			3	\$439,529.00		
G.	<u>Structure: Foundation</u>			2	\$9,408.00		
H.	<u>Structure: Walls and Chimneys</u>			2	\$220,729.00		
I.	<u>Structure: Floors and Roofs</u>			1	\$0.00		
J.	<u>General Finishes</u>			3	\$1,191,139.70		
K.	<u>Interior Lighting</u>			3	\$199,155.00		
L.	<u>Security Systems</u>			3	\$138,518.35		
M.	<u>Emergency/Egress Lighting</u>			3	\$39,831.00		
N.	<u>Fire Alarm</u>			3	\$59,746.50		
O.	<u>Handicapped Access</u>			2	\$89,476.20		
P.	<u>Site Condition</u>			2	\$227,573.14		
Q.	<u>Sewage System</u>			1	\$0.00		
R.	<u>Water Supply</u>			1	\$0.00		
S.	<u>Exterior Doors</u>			3	\$45,300.00		
T.	<u>Hazardous Material</u>			3	\$137,576.60		
U.	<u>Life Safety</u>			3	\$119,708.80		
V.	<u>Loose Furnishings</u>			3	\$159,324.00		
W.	<u>Technology</u>			3	\$524,972.58		
X.	<u>Construction Contingency / Non-Construction Cost</u>			-	\$1,627,349.17		
Total					\$8,288,541.09		

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Building Summary - Green Valley Elementary (14423)

District: Parma City Name: Green Valley Elementary Address: 2401 West Pleasant Valley Road Parma, OH 44134 Bldg. IRN: 14423				County: Cuyahoga Area: Northeastern Ohio (8) Contact: Ms. Jacqueline Marconi Phone: (440) 885-2433 Date Prepared: 2017-09-12 By: Julie Apt Date Revised: 2018-01-23 By: Bernie Merritt																																																																																																																			
Current Grades: K-4		Acreage: 16.97		Suitability Appraisal Summary																																																																																																																			
Proposed Grades: N/A		Teaching Stations: 21																																																																																																																					
Current Enrollment: 349		Classrooms: 20		<table border="1"> <thead> <tr> <th>Section</th> <th>Points Possible</th> <th>Points Earned</th> <th>Percentage</th> <th>Rating</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td colspan="6">Cover Sheet</td> </tr> <tr> <td>1.0 The School Site</td> <td>100</td> <td>72</td> <td>72%</td> <td>Satisfactory</td> <td></td> </tr> <tr> <td>2.0 Structural and Mechanical Features</td> <td>200</td> <td>104</td> <td>52%</td> <td>Borderline</td> <td></td> </tr> <tr> <td>3.0 Plant Maintainability</td> <td>100</td> <td>64</td> <td>64%</td> <td>Borderline</td> <td></td> </tr> <tr> <td>4.0 Building Safety and Security</td> <td>200</td> <td>124</td> <td>62%</td> <td>Borderline</td> <td></td> </tr> <tr> <td>5.0 Educational Adequacy</td> <td>200</td> <td>127</td> <td>64%</td> <td>Borderline</td> <td></td> </tr> <tr> <td>6.0 Environment for Education</td> <td>200</td> <td>118</td> <td>59%</td> <td>Borderline</td> <td></td> </tr> <tr> <td colspan="6">LEED Observations</td> </tr> <tr> <td colspan="6">Commentary</td> </tr> <tr> <td>Total</td> <td>1000</td> <td>609</td> <td>61%</td> <td>Borderline</td> <td></td> </tr> </tbody> </table>				Section	Points Possible	Points Earned	Percentage	Rating	Category	Cover Sheet						1.0 The School Site	100	72	72%	Satisfactory		2.0 Structural and Mechanical Features	200	104	52%	Borderline		3.0 Plant Maintainability	100	64	64%	Borderline		4.0 Building Safety and Security	200	124	62%	Borderline		5.0 Educational Adequacy	200	127	64%	Borderline		6.0 Environment for Education	200	118	59%	Borderline		LEED Observations						Commentary						Total	1000	609	61%	Borderline																																															
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Building Summary - John Muir Elementary (18424)

District: Parma City Name: John Muir Elementary Address: 5531 West 24th Street Parma, OH 44134 Bldg. IRN: 18424				County: Cuyahoga Area: Northeastern Ohio (8) Contact: Dr. Karl Schneider Phone: 440-885-2424 Date Prepared: 2017-10-09 By: Julie Apt Date Revised: 2018-01-22 By: Bernie Merritt						
Current Grades	K-4	Acreage:	15.59		Suitability Appraisal Summary					
Proposed Grades	N/A	Teaching Stations:	28							
Current Enrollment	404	Classrooms:	26		Section	Points Possible	Points Earned	Percentage	Rating Category	
Projected Enrollment	N/A									
Addition		Date	HA	Number of Floors	Current Square Feet	<u>Cover Sheet</u>				
<u>Original Construction</u>		1930	no	2	24,445	<u>1.0 The School Site</u>				
<u>Classroom Addition</u>		1951	no	2	9,326	<u>2.0 Structural and Mechanical Features</u>				
<u>Gymnasium Addition</u>		1957	no	2	20,453	<u>3.0 Plant Maintainability</u>				
<u>Student Dining, Kitchen, and Media Center Addition</u>		1997	yes	1	14,249	<u>4.0 Building Safety and Security</u>				
Total					68,473	<u>5.0 Educational Adequacy</u>				
		*HA	=	Handicapped Access		<u>6.0 Environment for Education</u>				
		*Rating	=1	Satisfactory		<u>LEED Observations</u>				
			=2	Needs Repair		<u>Commentary</u>				
			=3	Needs Replacement		Total				
		*Const P/S	=	Present/Scheduled Construction		1000 599 60% Borderline				
FACILITY ASSESSMENT Cost Set: 2017					Rating	Dollar Assessment	C=Under Contract			
A.	<u>Heating System</u>			3	\$2,336,298.76	Renovation Cost Factor			103.69%	
B.	<u>Roofing</u>			3	\$495,949.20	Cost to Renovate (Cost Factor applied)			\$12,847,725.07	
C.	<u>Ventilation / Air Conditioning</u>			2	\$5,000.00	<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>				
D.	<u>Electrical Systems</u>			3	\$1,111,316.79					
E.	<u>Plumbing and Fixtures</u>			3	\$540,868.00					
F.	<u>Windows</u>			3	\$556,725.00					
G.	<u>Structure: Foundation</u>			2	\$16,632.00					
H.	<u>Structure: Walls and Chimneys</u>			2	\$471,666.65					
I.	<u>Structure: Floors and Roofs</u>			2	\$29,099.00					
J.	<u>General Finishes</u>			3	\$1,728,606.10					
K.	<u>Interior Lighting</u>			3	\$342,365.00					
L.	<u>Security Systems</u>			3	\$195,148.05					
M.	<u>Emergency/Egress Lighting</u>			3	\$68,473.00					
N.	<u>Fire Alarm</u>			3	\$102,709.50					
O.	<u>Handicapped Access</u>			2	\$100,069.60					
P.	<u>Site Condition</u>			2	\$358,313.22					
Q.	<u>Sewage System</u>			1	\$0.00					
R.	<u>Water Supply</u>			1	\$0.00					
S.	<u>Exterior Doors</u>			3	\$55,400.00					
T.	<u>Hazardous Material</u>			3	\$82,026.00					
U.	<u>Life Safety</u>			3	\$299,113.60					
V.	<u>Loose Furnishings</u>			3	\$273,892.00					
W.	<u>Technology</u>			3	\$788,124.23					
- X.	<u>Construction Contingency / Non-Construction Cost</u>			-	\$2,432,719.36					
Total						\$12,390,515.06				

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Original Construction (1950) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: Parma Park Elementary				Contact: Ms. Wendy Jewell			
Address: 6800 Commonwealth Boulevard Parma Heights, OH 44130				Phone: (440) 885-2390			
Bldg. IRN: 29348				Date Prepared: 2017-10-10		By: Julie Apt	
				Date Revised: 2018-01-22		By: Bernie Merritt	
Current Grades		K-4	Acreage:		9.50		
Proposed Grades		N/A	Teaching Stations:		24		
Current Enrollment		321	Classrooms:		22		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet		
Original Construction		1950	no	2	29,834		
Classroom Addition		1954	no	2	11,269		
Total					41,103		
		*HA	= Handicapped Access				
		*Rating	=1 Satisfactory				
			=2 Needs Repair				
			=3 Needs Replacement				
		*Const P/S	= Present/Scheduled Construction				
FACILITY ASSESSMENT				Dollar			
Cost Set: 2017				Rating		Assessment	
A. Heating System				3		\$1,017,936.08	
B. Roofing				3		\$339,487.80	
C. Ventilation / Air Conditioning				2		\$5,000.00	
D. Electrical Systems				3		\$484,205.82	
E. Plumbing and Fixtures				3		\$302,838.00	
F. Windows				3		\$212,680.00	
G. Structure: Foundation				1		\$0.00	
H. Structure: Walls and Chimneys				2		\$290,660.75	
I. Structure: Floors and Roofs				1		\$0.00	
J. General Finishes				3		\$1,015,510.80	
K. Interior Lighting				3		\$149,170.00	
L. Security Systems				3		\$110,026.90	
M. Emergency/Egress Lighting				3		\$29,834.00	
N. Fire Alarm				3		\$44,751.00	
O. Handicapped Access				3		\$186,601.80	
P. Site Condition				2		\$286,084.24	
Q. Sewage System				1		\$0.00	
R. Water Supply				1		\$0.00	
S. Exterior Doors				3		\$35,100.00	
T. Hazardous Material				3		\$67,850.80	
U. Life Safety				3		\$182,915.20	
V. Loose Furnishings				3		\$119,336.00	
W. Technology				3		\$382,694.48	
- X. Construction Contingency / Non-Construction Cost				-		\$1,285,689.41	
Total						\$6,548,373.08	
Suitability Appraisal Summary							
Section		Points Possible		Points Earned		Percentage Rating Category	
Cover Sheet		—		—		—	
1.0 The School Site		100		64		64% Borderline	
2.0 Structural and Mechanical Features		200		100		50% Borderline	
3.0 Plant Maintainability		100		64		64% Borderline	
4.0 Building Safety and Security		200		112		56% Borderline	
5.0 Educational Adequacy		200		103		52% Borderline	
6.0 Environment for Education		200		113		57% Borderline	
LEED Observations		—		—		—	
Commentary		—		—		—	
Total		1000		556		56% Borderline	
Enhanced Environmental Hazards Assessment Cost Estimates							
C=Under Contract							
Renovation Cost Factor				103.69%			
Cost to Renovate (Cost Factor applied)				\$6,790,008.05			
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>							

Original Construction (1955) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)				
Name: Pleasant Valley Elementary				Contact: Ms. Stephanie Boka						
Address: 9906 Pleasant Valley Road Parma, OH 44130				Phone: (440) 885-2380						
Bldg. IRN: 30353				Date Prepared: 2017-08-29		By: Julie Apt				
				Date Revised: 2018-01-18		By: Bernie Merritt				
Current Grades	K-4	Acreage:	32.60	Suitability Appraisal Summary						
Proposed Grades	N/A	Teaching Stations:	36							
Current Enrollment	815	Classrooms:	32							
Projected Enrollment	N/A									
Addition	Date	HA	Number of Floors	Current Square Feet	Section	Points Possible	Points Earned	Percentage	Rating	Category
Original Construction	1955	yes	2	50,510	1.0 The School Site	100	77	77%	Satisfactory	
Classroom Addition	1956	yes	2	29,989	2.0 Structural and Mechanical Features	200	106	53%	Borderline	
Media Center Addition	1967	yes	2	9,777	3.0 Plant Maintainability	100	60	60%	Borderline	
Total				90,276	4.0 Building Safety and Security	200	117	59%	Borderline	
					5.0 Educational Adequacy	200	116	58%	Borderline	
					6.0 Environment for Education	200	117	59%	Borderline	
					LEED Observations	—	—	—	—	
					Commentary	—	—	—	—	
					Total	1000	593	59%	Borderline	
					Enhanced Environmental Hazards Assessment Cost Estimates					
FACILITY ASSESSMENT				Rating	Dollar Assessment					
Cost Set: 2017										
A.	Heating System	3	\$1,723,401.20	C=Under Contract						
B.	Roofing	3	\$501,550.20	Renovation Cost Factor	103.69%					
C.	Ventilation / Air Conditioning	2	\$5,000.00	Cost to Renovate (Cost Factor applied)	\$10,560,937.22					
D.	Electrical Systems	3	\$819,777.30	<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>						
E.	Plumbing and Fixtures	3	\$537,370.00							
F.	Windows	3	\$638,434.00							
G.	Structure: Foundation	1	\$0.00							
H.	Structure: Walls and Chimneys	2	\$314,841.40							
I.	Structure: Floors and Roofs	2	\$32,000.00							
J.	General Finishes	3	\$1,419,676.00							
K.	Interior Lighting	3	\$252,550.00							
L.	Security Systems	3	\$168,953.50							
M.	Emergency/Egress Lighting	3	\$50,510.00							
N.	Fire Alarm	3	\$75,765.00							
O.	Handicapped Access	2	\$17,500.00							
P.	Site Condition	2	\$344,277.56							
Q.	Sewage System	1	\$0.00							
R.	Water Supply	1	\$0.00							
S.	Exterior Doors	3	\$49,600.00							
T.	Hazardous Material	3	\$241,025.80							
U.	Life Safety	3	\$226,417.40							
V.	Loose Furnishings	3	\$252,550.00							
W.	Technology	3	\$514,191.80							
X.	Construction Contingency / Non-Construction Cost	-	\$1,999,715.62							
Total					\$10,185,106.78					

Original Construction (1959) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)			
Name: Pleasantview Elementary				Contact: Ms. Dana Johnson					
Address: 7700 Malibu Drive Parma, OH 44130				Phone: (440) 885-8665					
Bldg. IRN: 30387				Date Prepared: 2017-09-20		By: Julie Apt			
				Date Revised: 2018-01-23		By: Bernie Merritt			
Current Grades		PK	Acreage:		8.44				
Proposed Grades		N/A	Teaching Stations:		21				
Current Enrollment		260	Classrooms:		20				
Projected Enrollment		N/A							
Addition		Date	HA	Number of Floors	Current Square Feet				
Original Construction		1959	no	1	27,674				
Classroom Addition		1966	no	1	4,468				
Total					32,142				
		*HA	= Handicapped Access						
		*Rating	=1 Satisfactory						
			=2 Needs Repair						
			=3 Needs Replacement						
		*Const P/S	= Present/Scheduled Construction						
Suitability Appraisal Summary									
				Section	Points Possible	Points Earned	Percentage	Rating	Category
				Cover Sheet	—	—	—	—	—
				1.0 The School Site	100	64	64%	Borderline	
				2.0 Structural and Mechanical Features	200	105	53%	Borderline	
				3.0 Plant Maintainability	100	66	66%	Borderline	
				4.0 Building Safety and Security	200	123	62%	Borderline	
				5.0 Educational Adequacy	200	127	64%	Borderline	
				6.0 Environment for Education	200	119	60%	Borderline	
				LEED Observations	—	—	—	—	—
				Commentary	—	—	—	—	—
				Total	1000	604	60%	Borderline	
Enhanced Environmental Hazards Assessment Cost Estimates									
FACILITY ASSESSMENT				Rating	Dollar				
Cost Set: 2017					Assessment	C			
A. Heating System				3	\$944,236.88	C=Under Contract			
B. Roofing				3	\$443,873.00				
C. Ventilation / Air Conditioning				2	\$5,000.00	Renovation Cost Factor			
D. Electrical Systems				3	\$449,149.02	Cost to Renovate (Cost Factor applied)			
E. Plumbing and Fixtures				3	\$300,518.00	103.69%			
F. Windows				3	\$683,095.00	The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.			
G. Structure: Foundation				1	\$0.00				
H. Structure: Walls and Chimneys				2	\$223,617.25				
I. Structure: Floors and Roofs				1	\$0.00				
J. General Finishes				3	\$946,185.40				
K. Interior Lighting				3	\$138,370.00				
L. Security Systems				3	\$128,870.90				
M. Emergency/Egress Lighting				3	\$27,674.00				
N. Fire Alarm				3	\$41,511.00				
O. Handicapped Access				3	\$99,409.80				
P. Site Condition				3	\$331,282.33				
Q. Sewage System				1	\$0.00				
R. Water Supply				1	\$0.00				
S. Exterior Doors				3	\$41,100.00				
T. Hazardous Material				3	\$78,880.00				
U. Life Safety				3	\$93,556.80				
V. Loose Furnishings				3	\$110,696.00				
W. Technology				3	\$364,743.32				
X. Construction Contingency / Non-Construction Cost				-	\$1,331,883.45				
Total					\$6,783,652.15				

Original Construction (1952) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)					
Name: Renwood Elementary				Contact: LaShonda Abdussatar							
Address: 8020 Deerfield Drive Parma, OH 44129				Phone: (440) 885-2338							
Bldg. IRN: 31377				Date Prepared: 2017-10-09		By: Julie Apt					
				Date Revised: 2018-01-20		By: Bernie Merritt					
Current Grades	K-4	Acreage:	5.40	Suitability Appraisal Summary							
Proposed Grades	N/A	Teaching Stations:	18								
Current Enrollment	294	Classrooms:	16								
Projected Enrollment	N/A										
Addition	Date	HA	Number of Floors	Current Square Feet	Section	Points Possible	Points Earned	Percentage	Rating	Category	
Original Construction	1952	no	1	19,012	1.0 The School Site	100	65	65%	Borderline		
Gymnasium & Kitchen Addition	1955	no	1	3,618	2.0 Structural and Mechanical Features	200	92	46%	Poor		
Classroom Addition	1964	no	1	6,080	3.0 Plant Maintainability	100	66	66%	Borderline		
Total				28,710	4.0 Building Safety and Security	200	113	57%	Borderline		
					5.0 Educational Adequacy	200	90	45%	Poor		
					6.0 Environment for Education	200	108	54%	Borderline		
					LEED Observations	—	—	—	—		
					Commentary	—	—	—	—		
					Total	1000	534	53%	Borderline		
					Enhanced Environmental Hazards Assessment Cost Estimates						
					C=Under Contract						
FACILITY ASSESSMENT Cost Set: 2017				Rating	Dollar Assessment						
						Renovation Cost Factor 103.69%					
						Cost to Renovate (Cost Factor applied) \$4,136,352.30					
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>											
A.	Heating System			3	\$648,689.44						
B.	Roofing			3	\$254,152.60						
C.	Ventilation / Air Conditioning			2	\$5,000.00						
D.	Electrical Systems			3	\$308,564.76						
E.	Plumbing and Fixtures			3	\$224,284.00						
F.	Windows			3	\$151,060.00						
G.	Structure: Foundation			1	\$0.00						
H.	Structure: Walls and Chimneys			2	\$104,191.75						
I.	Structure: Floors and Roofs			1	\$0.00						
J.	General Finishes			3	\$451,309.20						
K.	Interior Lighting			3	\$95,060.00						
L.	Security Systems			3	\$79,184.20						
M.	Emergency/Egress Lighting			3	\$19,012.00						
N.	Fire Alarm			3	\$28,518.00						
O.	Handicapped Access			2	\$55,582.40						
P.	Site Condition			2	\$199,545.01						
Q.	Sewage System			1	\$0.00						
R.	Water Supply			1	\$0.00						
S.	Exterior Doors			3	\$17,100.00						
T.	Hazardous Material			3	\$159,653.00						
U.	Life Safety			3	\$78,400.90						
V.	Loose Furnishings			3	\$76,048.00						
W.	Technology			3	\$250,578.16						
X.	Construction Contingency / Non-Construction Cost			-	\$783,219.15						
Total						\$3,989,152.57					

Original Construction (1954) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)																																																																			
Name: Ridge-Brook Elementary				Contact: Mr. Steve Perry																																																																					
Address: 7915 Manhattan Avenue Parma, OH 44129				Phone: (440) 885-2350																																																																					
Bldg. IRN: 31617				Date Prepared: 2017-07-10		By: Julie Apt																																																																			
				Date Revised: 2018-01-20		By: Bernie Merritt																																																																			
Current Grades		K-4	Acreage:	4.27	Suitability Appraisal Summary																																																																				
Proposed Grades		N/A	Teaching Stations:	24																																																																					
Current Enrollment		353	Classrooms:	23	<table border="1"> <thead> <tr> <th>Section</th> <th>Points Possible</th> <th>Points Earned</th> <th>Percentage</th> <th>Rating</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td colspan="6"><u>Cover Sheet</u></td> </tr> <tr> <td>1.0 The School Site</td> <td>100</td> <td>68</td> <td>68%</td> <td></td> <td>Borderline</td> </tr> <tr> <td>2.0 Structural and Mechanical Features</td> <td>200</td> <td>108</td> <td>54%</td> <td></td> <td>Borderline</td> </tr> <tr> <td>3.0 Plant Maintainability</td> <td>100</td> <td>65</td> <td>65%</td> <td></td> <td>Borderline</td> </tr> <tr> <td>4.0 Building Safety and Security</td> <td>200</td> <td>115</td> <td>58%</td> <td></td> <td>Borderline</td> </tr> <tr> <td>5.0 Educational Adequacy</td> <td>200</td> <td>109</td> <td>55%</td> <td></td> <td>Borderline</td> </tr> <tr> <td>6.0 Environment for Education</td> <td>200</td> <td>123</td> <td>62%</td> <td></td> <td>Borderline</td> </tr> <tr> <td colspan="6"><u>LEED Observations</u></td> </tr> <tr> <td colspan="6"><u>Commentary</u></td> </tr> <tr> <td>Total</td> <td>1000</td> <td>588</td> <td>59%</td> <td></td> <td>Borderline</td> </tr> </tbody> </table>			Section	Points Possible	Points Earned	Percentage	Rating	Category	<u>Cover Sheet</u>						1.0 The School Site	100	68	68%		Borderline	2.0 Structural and Mechanical Features	200	108	54%		Borderline	3.0 Plant Maintainability	100	65	65%		Borderline	4.0 Building Safety and Security	200	115	58%		Borderline	5.0 Educational Adequacy	200	109	55%		Borderline	6.0 Environment for Education	200	123	62%		Borderline	<u>LEED Observations</u>						<u>Commentary</u>						Total	1000	588	59%		Borderline
Section	Points Possible	Points Earned	Percentage	Rating				Category																																																																	
<u>Cover Sheet</u>																																																																									
1.0 The School Site	100	68	68%		Borderline																																																																				
2.0 Structural and Mechanical Features	200	108	54%		Borderline																																																																				
3.0 Plant Maintainability	100	65	65%		Borderline																																																																				
4.0 Building Safety and Security	200	115	58%		Borderline																																																																				
5.0 Educational Adequacy	200	109	55%		Borderline																																																																				
6.0 Environment for Education	200	123	62%		Borderline																																																																				
<u>LEED Observations</u>																																																																									
<u>Commentary</u>																																																																									
Total	1000	588	59%		Borderline																																																																				
Projected Enrollment		N/A																																																																							
<u>Addition</u>	<u>Date</u>	<u>HA</u>	<u>Number of Floors</u>	<u>Current Square Feet</u>																																																																					
<u>Original Construction</u>	1954	no	1	35,117																																																																					
<u>Storage Addition</u>	1965	yes	1	493																																																																					
<u>Media Center Addition</u>	1996	yes	1	2,774																																																																					
<u>Total</u>				38,384																																																																					
*HA =		Handicapped Access																																																																							
*Rating =		1 Satisfactory																																																																							
		=2 Needs Repair																																																																							
		=3 Needs Replacement																																																																							
*Const P/S =		Present/Scheduled Construction																																																																							
FACILITY ASSESSMENT				Rating	Dollar																																																																				
Cost Set: 2017					Assessment																																																																				
C=Under Contract																																																																									
A.	<u>Heating System</u>	3	\$1,198,192.04	-	Renovation Cost Factor	103.69%																																																																			
B.	<u>Roofing</u>	3	\$512,681.30	-	Cost to Renovate (Cost Factor applied)	\$7,550,605.31																																																																			
C.	<u>Ventilation / Air Conditioning</u>	2	\$5,000.00	-	<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>																																																																				
D.	<u>Electrical Systems</u>	3	\$569,948.91	-																																																																					
E.	<u>Plumbing and Fixtures</u>	3	\$461,119.00	-																																																																					
F.	<u>Windows</u>	3	\$336,375.00	-																																																																					
G.	<u>Structure: Foundation</u>	1	\$0.00	-																																																																					
H.	<u>Structure: Walls and Chimneys</u>	2	\$180,662.95	-																																																																					
I.	<u>Structure: Floors and Roofs</u>	2	\$12,000.00	-																																																																					
J.	<u>General Finishes</u>	3	\$1,113,025.55	-																																																																					
K.	<u>Interior Lighting</u>	3	\$175,585.00	-																																																																					
L.	<u>Security Systems</u>	3	\$150,083.45	-																																																																					
M.	<u>Emergency/Egress Lighting</u>	3	\$35,117.00	-																																																																					
N.	<u>Fire Alarm</u>	3	\$52,675.50	-																																																																					
O.	<u>Handicapped Access</u>	2	\$89,588.40	-																																																																					
P.	<u>Site Condition</u>	2	\$154,925.37	-																																																																					
Q.	<u>Sewage System</u>	1	\$0.00	-																																																																					
R.	<u>Water Supply</u>	1	\$0.00	-																																																																					
S.	<u>Exterior Doors</u>	3	\$43,300.00	-																																																																					
T.	<u>Hazardous Material</u>	3	\$65,063.40	-																																																																					
U.	<u>Life Safety</u>	3	\$112,718.40	-																																																																					
V.	<u>Loose Furnishings</u>	3	\$140,468.00	-																																																																					
W.	<u>Technology</u>	3	\$443,665.16	-																																																																					
-	<u>Construction Contingency / Non-Construction Cost</u>	-	\$1,429,708.66	-																																																																					
Total					\$7,281,903.09																																																																				

Original Construction (1926) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)				
Name: Thoreau Park Elementary				Contact: Mr. Theodore Bickley						
Address: 5401 West 54th Street Parma, OH 44129				Phone: 440-885-2351						
Bldg. IRN: 37143				Date Prepared: 2017-09-19		By: Julie Apt				
				Date Revised: 2018-01-20		By: Julie Apt				
Current Grades	K-4	Acreage:	7.70	Suitability Appraisal Summary						
Proposed Grades	N/A	Teaching Stations:	35							
Current Enrollment	409	Classrooms:	33							
Projected Enrollment	N/A									
Addition	Date	HA	Number of Floors	Current Square Feet	Section	Points Possible	Points Earned	Percentage	Rating	Category
Original Construction	1926	no	3	39,254	1.0 The School Site	100	68	68%	Borderline	
Cafeteria Addition	1951	no	2	16,481	2.0 Structural and Mechanical Features	200	92	46%	Poor	
Media Center Addition	1954	no	3	10,223	3.0 Plant Maintainability	100	66	66%	Borderline	
Total				65,958	4.0 Building Safety and Security	200	118	59%	Borderline	
					5.0 Educational Adequacy	200	114	57%	Borderline	
					6.0 Environment for Education	200	123	62%	Borderline	
					LEED Observations	—	—	—	—	
					Commentary	—	—	—	—	
					Total	1000	581	58%	Borderline	
Enhanced Environmental Hazards Assessment Cost Estimates										
C=Under Contract										
Renovation Cost Factor										
Cost to Renovate (Cost Factor applied)										
The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.										
FACILITY ASSESSMENT				Rating	Dollar					
Cost Set: 2017					Assessment					
A.	Heating System		3	\$1,339,346.48	-					
B.	Roofing		3	\$303,771.20	-					
C.	Ventilation / Air Conditioning		2	\$5,000.00	-					
D.	Electrical Systems		3	\$637,092.42	-					
E.	Plumbing and Fixtures		3	\$457,378.00	-					
F.	Windows		3	\$323,403.00	-					
G.	Structure: Foundation		2	\$20,088.00	-					
H.	Structure: Walls and Chimneys		2	\$216,020.50	-					
I.	Structure: Floors and Roofs		2	\$75,000.00	-					
J.	General Finishes		3	\$1,615,341.40	-					
K.	Interior Lighting		3	\$196,270.00	-					
L.	Security Systems		3	\$136,873.90	-					
M.	Emergency/Egress Lighting		3	\$39,254.00	-					
N.	Fire Alarm		3	\$58,881.00	-					
O.	Handicapped Access		3	\$299,775.80	-					
P.	Site Condition		2	\$115,616.81	-					
Q.	Sewage System		1	\$0.00	-					
R.	Water Supply		1	\$0.00	-					
S.	Exterior Doors		3	\$27,500.00	-					
T.	Hazardous Material		3	\$252,211.30	-					
U.	Life Safety		3	\$201,862.80	-					
V.	Loose Furnishings		3	\$157,016.00	-					
W.	Technology		3	\$451,813.54	-					
X.	Construction Contingency / Non-Construction Cost		-	\$1,692,901.58	-					
Total					\$8,622,417.73					

Building Summary - Greenbriar Middle (14431)

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: Greenbriar Middle				Contact: Ms. Jill Schissler			
Address: 11810 Huffman Road Parma, OH 44130				Phone: (440) 885-2370			
Bldg. IRN: 14431				Date Prepared: 2017-09-13		By: Julie Apt	
				Date Revised: 2018-01-20		By: Bernie Merritt	
Current Grades		5-7	Acreage:		21.10	Suitability Appraisal Summary	
Proposed Grades		N/A	Teaching Stations:		54		
Current Enrollment		920	Classrooms:		50		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet	Section	
<u>Annex</u>		1959	no	1	29,281	Points Possible	
<u>Original Construction</u>		1961	no	2	84,332	Points Earned	
<u>Media Center Addition</u>		1976	no	1	3,972	Percentage	
<u>Vestibule Addition</u>		1989	yes	1	650	Rating	
<u>Classroom Addition</u>		1992	yes	1	4,108	Category	
<u>Corridor Addition</u>		1996	yes	1	3,514		
Total					125,857		
*HA =		Handicapped Access				Total	
*Rating =		=1 Satisfactory				1000	
		=2 Needs Repair				592	
		=3 Needs Replacement				59%	
*Const P/S =		Present/Scheduled Construction				Borderline	
						Enhanced Environmental Hazards Assessment Cost Estimates	
						C=Under Contract	
						Renovation Cost Factor	
						103.69%	
						Cost to Renovate (Cost Factor applied)	
						\$25,730,523.74	
						<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>	
FACILITY ASSESSMENT		Rating		Dollar		C	
Cost Set: 2017				Assessment			
A. <u>Heating System</u>		3		\$4,294,240.84		-	
B. <u>Roofing</u>		3		\$1,654,202.80		-	
C. <u>Ventilation / Air Conditioning</u>		2		\$10,000.00		-	
D. <u>Electrical Systems</u>		3		\$2,042,659.11		-	
E. <u>Plumbing and Fixtures</u>		3		\$1,112,945.00		-	
F. <u>Windows</u>		3		\$2,138,214.00		-	
G. <u>Structure: Foundation</u>		2		\$49,372.00		-	
H. <u>Structure: Walls and Chimneys</u>		2		\$534,786.00		-	
I. <u>Structure: Floors and Roofs</u>		1		\$0.00		-	
J. <u>General Finishes</u>		3		\$3,394,439.25		-	
K. <u>Interior Lighting</u>		3		\$629,285.00		-	
L. <u>Security Systems</u>		3		\$383,692.45		-	
M. <u>Emergency/Egress Lighting</u>		3		\$125,857.00		-	
N. <u>Fire Alarm</u>		3		\$188,785.50		-	
O. <u>Handicapped Access</u>		2		\$129,371.40		-	
P. <u>Site Condition</u>		2		\$639,531.76		-	
Q. <u>Sewage System</u>		1		\$0.00		-	
R. <u>Water Supply</u>		1		\$0.00		-	
S. <u>Exterior Doors</u>		3		\$125,900.00		-	
T. <u>Hazardous Material</u>		3		\$218,693.10		-	
U. <u>Life Safety</u>		3		\$442,742.40		-	
V. <u>Loose Furnishings</u>		3		\$486,772.00		-	
W. <u>Technology</u>		3		\$1,341,286.04		-	
- X. <u>Construction Contingency / Non-Construction Cost</u>				\$4,872,079.92		-	
Total				\$24,814,855.57			

[Previous Page](#)

Original Construction (1958) Summary

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: Hillside Middle				Contact: Ms. Michelle Cook			
Address: 1 Educational Park Drive Seven Hills, OH 44131				Phone: (440) 885-2373			
Bldg. IRN: 16378				Date Prepared: 2017-09-11		By: Julie Apt	
				Date Revised: 2018-01-19		By: Bernie Merritt	
Current Grades		5-7	Acreage:		16.64		
Proposed Grades		N/A	Teaching Stations:		44		
Current Enrollment		638	Classrooms:		41		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet		
Original Construction		1958	no	2	85,783		
Media Center Addition		1975	yes	2	4,021		
Total					89,804		
		*HA	= Handicapped Access				
		*Rating	=1 Satisfactory				
			=2 Needs Repair				
			=3 Needs Replacement				
		*Const P/S	= Present/Scheduled Construction				
Suitability Appraisal Summary							
				Section	Points Possible	Points Earned	Percentage
				Cover Sheet	—	—	—
				1.0 The School Site	100	60	60%
				2.0 Structural and Mechanical Features	200	104	52%
				3.0 Plant Maintainability	100	61	61%
				4.0 Building Safety and Security	200	119	60%
				5.0 Educational Adequacy	200	123	62%
				6.0 Environment for Education	200	110	55%
				LEED Observations	—	—	—
				Commentary	—	—	—
				Total	1000	577	58%
Enhanced Environmental Hazards Assessment Cost Estimates							
FACILITY ASSESSMENT				Rating	Dollar Assessment		
Cost Set: 2017							
A.	Heating System			3	\$2,926,915.96		
B.	Roofing			3	\$963,527.80		
C.	Ventilation / Air Conditioning			2	\$5,000.00		
D.	Electrical Systems			3	\$1,392,258.09		
E.	Plumbing and Fixtures			3	\$817,481.00		
F.	Windows			3	\$1,215,357.00		
G.	Structure: Foundation			1	\$0.00		
H.	Structure: Walls and Chimneys			2	\$324,361.30		
I.	Structure: Floors and Roofs			1	\$0.00		
J.	General Finishes			3	\$2,734,923.75		
K.	Interior Lighting			3	\$428,915.00		
L.	Security Systems			3	\$294,481.55		
M.	Emergency/Egress Lighting			3	\$85,783.00		
N.	Fire Alarm			3	\$128,674.50		
O.	Handicapped Access			3	\$238,266.60		
P.	Site Condition			2	\$632,253.73		
Q.	Sewage System			1	\$0.00		
R.	Water Supply			1	\$0.00		
S.	Exterior Doors			3	\$67,900.00		
T.	Hazardous Material			3	\$169,946.60		
U.	Life Safety			3	\$359,900.80		
V.	Loose Furnishings			3	\$343,132.00		
W.	Technology			3	\$964,517.19		
X.	Construction Contingency / Non-Construction Cost			-	\$3,443,107.75		
Total					\$17,536,703.62		
				C=Under Contract			
				Renovation Cost Factor	103.69%		
				Cost to Renovate (Cost Factor applied)	\$18,183,807.99		
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>							

Building Summary - Shiloh Middle (34462)

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)	
Name: Shiloh Middle				Contact: Nicola Discenza			
Address: 2303 Grantwood Drive Parma, OH 44134				Phone: (440) 885-8485			
Bldg. IRN: 34462				Date Prepared: 2017-07-10		By: Julie Apt	
				Date Revised: 2018-01-19		By: Bernie Merritt	
Current Grades		5-7	Acreage:		15.00	Suitability Appraisal Summary	
Proposed Grades		N/A	Teaching Stations:		33		
Current Enrollment		696	Classrooms:		31		
Projected Enrollment		N/A					
Addition		Date	HA	Number of Floors	Current Square Feet	Section	
<u>Original Construction</u>		1964	no	2	79,800	Points Possible	
<u>Student Dining Addition</u>		1998	yes	1	3,395	Points Earned	
<u>Classroom Addition</u>		2003	yes	1	11,409	Percentage	
Total					94,604	Rating	
						Category	
*HA =		Handicapped Access				<u>Cover Sheet</u>	
*Rating =1		Satisfactory				<u>1.0 The School Site</u>	
=2		Needs Repair				<u>2.0 Structural and Mechanical Features</u>	
=3		Needs Replacement				<u>3.0 Plant Maintainability</u>	
*Const P/S =		Present/Scheduled Construction				<u>4.0 Building Safety and Security</u>	
						<u>5.0 Educational Adequacy</u>	
						<u>6.0 Environment for Education</u>	
						<u>LEED Observations</u>	
						<u>Commentary</u>	
						Total	
						1000	
						605	
						61%	
						Borderline	
<u>Enhanced Environmental Hazards Assessment Cost Estimates</u>							
C=Under Contract							
Renovation Cost Factor							
Cost to Renovate (Cost Factor applied)							
103.69%							
\$18,095,752.84							
<i>The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan.</i>							
FACILITY ASSESSMENT		Cost Set: 2017		Rating	Dollar Assessment	C	
	A. <u>Heating System</u>	3	\$3,227,888.48	-			
	B. <u>Roofing</u>	3	\$1,211,386.60	-			
	C. <u>Ventilation / Air Conditioning</u>	2	\$20,000.00	-			
	D. <u>Electrical Systems</u>	3	\$1,535,422.92	-			
	E. <u>Plumbing and Fixtures</u>	3	\$702,865.00	-			
	F. <u>Windows</u>	3	\$430,765.00	-			
	G. <u>Structure: Foundation</u>	1	\$0.00	-			
	H. <u>Structure: Walls and Chimneys</u>	2	\$413,186.50	-			
	I. <u>Structure: Floors and Roofs</u>	2	\$45,180.00	-			
	J. <u>General Finishes</u>	3	\$2,619,386.30	-			
	K. <u>Interior Lighting</u>	3	\$473,020.00	-			
	L. <u>Security Systems</u>	3	\$319,621.40	-			
	M. <u>Emergency/Egress Lighting</u>	3	\$94,604.00	-			
	N. <u>Fire Alarm</u>	3	\$141,906.00	-			
	O. <u>Handicapped Access</u>	3	\$257,370.80	-			
	P. <u>Site Condition</u>	2	\$508,113.20	-			
	Q. <u>Sewage System</u>	1	\$0.00	-			
	R. <u>Water Supply</u>	1	\$0.00	-			
	S. <u>Exterior Doors</u>	2	\$12,000.00	-			
	T. <u>Hazardous Material</u>	3	\$138,648.40	-			
	U. <u>Life Safety</u>	3	\$342,732.80	-			
	V. <u>Loose Furnishings</u>	3	\$473,020.00	-			
	W. <u>Technology</u>	3	\$1,058,230.19	-			
-	X. <u>Construction Contingency / Non-Construction Cost</u>	-	\$3,426,434.49	-			
Total					\$17,451,782.08		

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Building Summary - Normandy High (27367)

District: Parma City Name: Normandy High Address: 2500 West Pleasant Valley Road Parma, OH 44134 Bldg. IRN: 27367				County: Cuyahoga Area: Northeastern Ohio (8) Contact: Mr. Sam Dickerson Phone: (440) 885-2400 Date Prepared: 2017-07-10 By: Julie Apt Date Revised: 2018-01-24 By: Julie Apt																																																																			
Current Grades	8-12	Acreage:	33.20	Suitability Appraisal Summary <table border="1"> <thead> <tr> <th>Section</th> <th>Points Possible</th> <th>Points Earned</th> <th>Percentage</th> <th>Rating</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td><u>Cover Sheet</u></td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td><u>1.0 The School Site</u></td> <td>100</td> <td>67</td> <td>67%</td> <td>Borderline</td> <td></td> </tr> <tr> <td><u>2.0 Structural and Mechanical Features</u></td> <td>200</td> <td>107</td> <td>54%</td> <td>Borderline</td> <td></td> </tr> <tr> <td><u>3.0 Plant Maintainability</u></td> <td>100</td> <td>60</td> <td>60%</td> <td>Borderline</td> <td></td> </tr> <tr> <td><u>4.0 Building Safety and Security</u></td> <td>200</td> <td>116</td> <td>58%</td> <td>Borderline</td> <td></td> </tr> <tr> <td><u>5.0 Educational Adequacy</u></td> <td>200</td> <td>142</td> <td>71%</td> <td>Satisfactory</td> <td></td> </tr> <tr> <td><u>6.0 Environment for Education</u></td> <td>200</td> <td>133</td> <td>67%</td> <td>Borderline</td> <td></td> </tr> <tr> <td><u>LEED Observations</u></td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td><u>Commentary</u></td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>Total</td> <td>1000</td> <td>625</td> <td>63%</td> <td>Borderline</td> <td></td> </tr> </tbody> </table>		Section	Points Possible	Points Earned	Percentage	Rating	Category	<u>Cover Sheet</u>	—	—	—	—	—	<u>1.0 The School Site</u>	100	67	67%	Borderline		<u>2.0 Structural and Mechanical Features</u>	200	107	54%	Borderline		<u>3.0 Plant Maintainability</u>	100	60	60%	Borderline		<u>4.0 Building Safety and Security</u>	200	116	58%	Borderline		<u>5.0 Educational Adequacy</u>	200	142	71%	Satisfactory		<u>6.0 Environment for Education</u>	200	133	67%	Borderline		<u>LEED Observations</u>	—	—	—	—	—	<u>Commentary</u>	—	—	—	—	—	Total	1000	625	63%	Borderline	
Section	Points Possible	Points Earned	Percentage			Rating	Category																																																																
<u>Cover Sheet</u>	—	—	—			—	—																																																																
<u>1.0 The School Site</u>	100	67	67%			Borderline																																																																	
<u>2.0 Structural and Mechanical Features</u>	200	107	54%	Borderline																																																																			
<u>3.0 Plant Maintainability</u>	100	60	60%	Borderline																																																																			
<u>4.0 Building Safety and Security</u>	200	116	58%	Borderline																																																																			
<u>5.0 Educational Adequacy</u>	200	142	71%	Satisfactory																																																																			
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<u>LEED Observations</u>	—	—	—	—	—																																																																		
<u>Commentary</u>	—	—	—	—	—																																																																		
Total	1000	625	63%	Borderline																																																																			
Proposed Grades	N/A	Teaching Stations:	80																																																																				
Current Enrollment	1371	Classrooms:	76																																																																				
Projected Enrollment	N/A																																																																						
Addition	Date	HA	Number of Floors	Current Square Feet																																																																			
<u>Original Construction</u>	1968	yes	3	252,527																																																																			
<u>Auditorium Fixed Seating</u>	1968	yes	1	8,644																																																																			
<u>Natorium</u>	1976	yes	1	13,322																																																																			
Total				274,493																																																																			
*HA	=	Handicapped Access																																																																					
*Rating	=1	Satisfactory																																																																					
	=2	Needs Repair																																																																					
	=3	Needs Replacement																																																																					
*Const P/S	=	Present/Scheduled Construction																																																																					
FACILITY ASSESSMENT Cost Set: 2017				Rating	Dollar Assessment																																																																		
A.	<u>Heating System</u>	3	\$9,365,701.16	-																																																																			
B.	<u>Roofing</u>	3	\$1,982,061.10	-																																																																			
C.	<u>Ventilation / Air Conditioning</u>	2	\$30,000.00	-																																																																			
D.	<u>Electrical Systems</u>	3	\$4,455,021.39	-																																																																			
E.	<u>Plumbing and Fixtures</u>	2	\$300,750.00	-																																																																			
F.	<u>Windows</u>	3	\$1,069,669.00	-																																																																			
G.	<u>Structure: Foundation</u>	1	\$0.00	-																																																																			
H.	<u>Structure: Walls and Chimneys</u>	2	\$672,078.15	-																																																																			
I.	<u>Structure: Floors and Roofs</u>	2	\$20,824.00	-																																																																			
J.	<u>General Finishes</u>	3	\$7,057,749.50	-																																																																			
K.	<u>Interior Lighting</u>	3	\$1,372,465.00	-																																																																			
L.	<u>Security Systems</u>	3	\$832,305.05	-																																																																			
M.	<u>Emergency/Egress Lighting</u>	3	\$274,493.00	-																																																																			
N.	<u>Fire Alarm</u>	3	\$411,739.50	-																																																																			
O.	<u>Handicapped Access</u>	3	\$235,090.00	-																																																																			
P.	<u>Site Condition</u>	2	\$1,115,481.01	-																																																																			
Q.	<u>Sewage System</u>	1	\$0.00	-																																																																			
R.	<u>Water Supply</u>	1	\$0.00	-																																																																			
S.	<u>Exterior Doors</u>	3	\$181,400.00	-																																																																			
T.	<u>Hazardous Material</u>	3	\$376,330.00	-																																																																			
U.	<u>Life Safety</u>	3	\$1,001,007.45	-																																																																			
V.	<u>Loose Furnishings</u>	3	\$1,023,430.00	-																																																																			
W.	<u>Technology</u>	3	\$1,646,070.56	-																																																																			
- X.	<u>Construction Contingency / Non-Construction Cost</u>	-	\$8,165,501.84	-																																																																			
Total					\$41,589,167.71																																																																		

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Building Summary - Parma Senior High (29330)

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)				
Name: Parma Senior High				Contact: Mr. Leo Spagnola						
Address: 6285 W 54th St Parma, OH 44129				Phone: 440-885-2300						
Bldg. IRN: 29330				Date Prepared: 2017-10-16		By: Julie Apt				
				Date Revised: 2018-01-23		By: Andrew Hofbauer				
Current Grades	8-12	Acreage:		44.35	Suitability Appraisal Summary					
Proposed Grades	N/A	Teaching Stations:		109						
Current Enrollment	1578	Classrooms:		105						
Projected Enrollment	N/A									
		Date	HA	Number of Floors	Current Square Feet	Section	Points Possible	Points Earned	Percentage	Rating Category
Addition						<u>Cover Sheet</u>	—	—	—	—
<u>Original Construction</u>		1953	no	2	123,825	<u>1.0 The School Site</u>	100	72	72%	Satisfactory
<u>Classroom Addition</u>		1964	no	1	10,730	<u>2.0 Structural and Mechanical Features</u>	200	99	50%	Borderline
<u>Classroom, Fitness Room, and Construction Trades Addition</u>		1975	no	2	85,378	<u>3.0 Plant Maintainability</u>	100	59	59%	Borderline
<u>Auditorium Fixed Seating Area</u>		1976	yes	2	11,117	<u>4.0 Building Safety and Security</u>	200	120	60%	Borderline
<u>Classroom and Auxiliary Gymnasium Addition</u>		1976	no	3	104,040	<u>5.0 Educational Adequacy</u>	200	143	72%	Satisfactory
<u>Natorium Addition</u>		1976	no	2	13,940	<u>6.0 Environment for Education</u>	200	124	62%	Borderline
<u>Classroom and Media Center Addition</u>		2006	no	2	34,637	<u>LEED Observations</u>	—	—	—	—
<u>Board Offices</u>		2006	no	2	38,493	<u>Commentary</u>	—	—	—	—
Total					422,160	Total	1000	617	62%	Borderline
		*HA	=	Handicapped Access		C=Under Contract				
		*Rating	=	1 Satisfactory						
			=	2 Needs Repair						
			=	3 Needs Replacement						
		*Const P/S	=	Present/Scheduled Construction						
FACILITY ASSESSMENT										
Cost Set: 2017						Rating	Dollar Assessment C			
A.	<u>Heating System</u>			3	\$14,404,099.20	-				
B.	<u>Roofing</u>			3	\$4,573,948.40	-				
C.	<u>Ventilation / Air Conditioning</u>			3	\$55,000.00	-				
D.	<u>Electrical Systems</u>			3	\$5,664,756.90	-				
E.	<u>Plumbing and Fixtures</u>			3	\$3,055,960.00	-				
F.	<u>Windows</u>			3	\$4,240,650.00	-				
G.	<u>Structure: Foundation</u>			2	\$12,000.00	-				
H.	<u>Structure: Walls and Chimneys</u>			2	\$3,841,598.45	-				
I.	<u>Structure: Floors and Roofs</u>			1	\$0.00	-				
J.	<u>General Finishes</u>			3	\$8,456,822.40	-				
K.	<u>Interior Lighting</u>			3	\$1,745,150.00	-				
L.	<u>Security Systems</u>			3	\$1,072,038.50	-				
M.	<u>Emergency/Egress Lighting</u>			3	\$422,160.00	-				
N.	<u>Fire Alarm</u>			3	\$633,240.00	-				
O.	<u>Handicapped Access</u>			2	\$749,112.00	-				
P.	<u>Site Condition</u>			2	\$1,255,294.96	-				
Q.	<u>Sewage System</u>			1	\$0.00	-				
R.	<u>Water Supply</u>			1	\$0.00	-				
S.	<u>Exterior Doors</u>			3	\$376,500.00	-				
T.	<u>Hazardous Material</u>			3	\$418,753.40	-				
U.	<u>Life Safety</u>			3	\$1,549,102.00	-				
V.	<u>Loose Furnishings</u>			3	\$1,314,425.00	-				
W.	<u>Technology</u>			3	\$2,474,419.06	-				
- X.	<u>Construction Contingency / Non-Construction Cost</u>			-	\$13,757,930.84	-				
Total					\$70,072,961.11					

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Building Summary - Valley Forge High (38109)

District: Parma City				County: Cuyahoga		Area: Northeastern Ohio (8)				
Name: Valley Forge High				Contact: Ms. Janine Andrzejewski						
Address: 9999 Independence Boulevard Parma Heights, OH 44130				Phone: (440) 885-2330						
Bldg. IRN: 38109				Date Prepared: 2017-10-11		By: Julie Apt				
				Date Revised: 2018-01-23		By: Andrew Hofbauer				
Current Grades	8-12	Acreage:	54.00	Suitability Appraisal Summary						
Proposed Grades	N/A	Teaching Stations:	93							
Current Enrollment	1476	Classrooms:	93							
Projected Enrollment	N/A									
Addition		Date	HA	Number of Floors	Current Square Feet	Section	Points Possible	Points Earned	Percentage	Rating Category
<u>Auditorium Fixed Seating Area</u>		1961	no	1	6,610	<u>1.0 The School Site</u>	100	79	79%	Satisfactory
<u>Original Construction:</u>		1961	no	2	197,754	<u>2.0 Structural and Mechanical Features</u>	200	97	49%	Poor
<u>Auxiliary Gymnasium and Classroom Addition</u>		1975	no	2	108,223	<u>3.0 Plant Maintainability</u>	100	65	65%	Borderline
<u>Natorium Addition</u>		1975	no	1	15,195	<u>4.0 Building Safety and Security</u>	200	115	58%	Borderline
Total					327,782	<u>5.0 Educational Adequacy</u>	200	149	75%	Satisfactory
						<u>6.0 Environment for Education</u>	200	123	62%	Borderline
						<u>LEED Observations</u>	—	—	—	—
						<u>Commentary</u>	—	—	—	—
						Total	1000	628	63%	Borderline
						<u>Enhanced Environmental Hazards Assessment Cost Estimates</u>				
						<u>C=Under Contract</u>				
						<u>Renovation Cost Factor</u>				
						Cost to Renovate (Cost Factor applied) 103.69%				
						The Replacement Cost Per SF and the Renovate/Replace ratio are only provided when this summary is requested from a Master Plan. \$60,302,902.50				
FACILITY ASSESSMENT		Cost Set: 2017		Rating	Dollar Assessment					
A.	<u>Heating System</u>			3	\$11,183,921.84					
B.	<u>Roofing</u>			3	\$5,414,947.00					
C.	<u>Ventilation / Air Conditioning</u>			2	\$35,000.00					
D.	<u>Electrical Systems</u>			3	\$5,319,901.86					
E.	<u>Plumbing and Fixtures</u>			3	\$2,480,874.00					
F.	<u>Windows</u>			3	\$2,958,488.00					
G.	<u>Structure: Foundation</u>			3	\$65,092.00					
H.	<u>Structure: Walls and Chimneys</u>			2	\$1,281,990.55					
I.	<u>Structure: Floors and Roofs</u>			3	\$182,104.00					
J.	<u>General Finishes</u>			3	\$7,876,241.30					
K.	<u>Interior Lighting</u>			3	\$1,638,910.00					
L.	<u>Security Systems</u>			3	\$897,034.45					
M.	<u>Emergency/Egress Lighting</u>			3	\$327,782.00					
N.	<u>Fire Alarm</u>			3	\$491,673.00					
O.	<u>Handicapped Access</u>			2	\$329,601.40					
P.	<u>Site Condition</u>			2	\$1,313,905.80					
Q.	<u>Sewage System</u>			1	\$0.00					
R.	<u>Water Supply</u>			1	\$0.00					
S.	<u>Exterior Doors</u>			3	\$238,200.00					
T.	<u>Hazardous Material</u>			3	\$462,889.90					
U.	<u>Life Safety</u>			3	\$1,007,862.00					
V.	<u>Loose Furnishings</u>			3	\$1,223,908.00					
W.	<u>Technology</u>			3	\$2,008,218.44					
X.	<u>Construction Contingency / Non-Construction Cost</u>			-	\$11,418,366.89					
Total					\$58,156,912.43					

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