

**Town of Millbury, R. E. Shaw Elementary School Project**  
**SCHEMATIC DESIGN RECONCILIATION**

Revised June 21, 2019



Building System	
<b>NEW BUILDING</b>	
<b>A</b>	<b>Substructure</b>
<b>A10</b>	<b>Foundations</b>
	A1010 Standard Foundations
	A1030 Lowest Floor Construction
<b>B</b>	<b>Shell</b>
<b>B10</b>	<b>Superstructure</b>
	B1010 Floor Construction
	B1020 Roof Construction
<b>B20</b>	<b>Exterior Enclosure</b>
	B2010 Exterior Walls
	Increase Gym by 773sf
	B2020 Exterior Windows
	B2030 Exterior Doors
<b>B30</b>	<b>Roofing</b>
	B3010 Roof Coverings
	B3020 Roof Openings
<b>C</b>	<b>Interiors</b>
<b>C10</b>	<b>Interior Construction</b>
	C1010 Partitions
	C1020 Interior Doors
	C1030 Specialties/Millwork
<b>C20</b>	<b>Stairs</b>
	C2010 Stair Construction
	C2020 Stair Finishes
<b>C30</b>	<b>Interior Finishes</b>
	C3010 Wall Finishes
	C3020 Floor Finishes
	C3030 Ceiling Finishes
<b>D</b>	<b>Services</b>
<b>D10</b>	<b>Conveying</b>
	D1010 Elevators and Lifts
<b>D20</b>	<b>Plumbing</b>
	D20 General
<b>D30</b>	<b>HVAC</b>
	D30 General
<b>D40</b>	<b>Fire Protection</b>
	D40 General
<b>D50</b>	<b>Electrical</b>
	D5010 Electrical Service & Distribution
<b>E</b>	<b>Equipment &amp; Furnishings</b>
<b>E10</b>	<b>Equipment</b>
	E10 General
<b>E20</b>	<b>Furnishings</b>
	E2010 Fixed Furnishings
<b>F</b>	<b>Special Construction &amp; Demolition</b>
<b>F20</b>	<b>Selective Building Demolition</b>
	F2010 Building Elements Demolition
	F2020 Hazardous Components Abatement
<b>Subtotal trade Costs with 6/19/19 SBC adjustments</b>	
<b>Markups</b>	
	Design and Estimating Contingency
	Escalation Contingency to Mid-point (per MSBA)
<b>Sub-total Trade, Escalation &amp; Design Cont</b>	
	Subguard/ Sub Bond
	Insurances - GLI/Builders Risk
	Bond
	General Requirements
	General Conditions
	Contractor Fee,OH&P
	Construction Contingency, CMR - NA
	Building Permit
<b>Total Estimated Construction Cost</b>	
<b>Alternates incl design fee</b>	
Alternate 1:	81 Kw photovoltaic system
Alternate 2:	Lighting at artificial turf field
Alternate 3:	Toilet facility at fields
<b>Subtotal of Alternates</b>	

89,575. sf		
RECONCILED VALUE - PM&C		
		Cost/SF
	<b>89,575</b>	<b>SF</b>
	<b>\$2,211,001</b>	<b>\$24.68 /sf</b>
	\$1,114,855	\$12.45 /sf
	\$1,096,146	\$12.24 /sf
	<b>\$9,665,389</b>	<b>\$107.90 /sf</b>
	\$1,278,619	\$14.27 /sf
	\$2,127,159	\$23.75 /sf
	\$2,583,935	\$28.85 /sf
	\$204,774	\$2.29 /sf
	\$1,446,430	\$16.15 /sf
	\$216,260	\$2.41 /sf
	\$1,808,212	\$20.19 /sf
	\$0	\$0.00 /sf
	<b>\$6,586,924</b>	<b>\$73.54 /sf</b>
	\$2,274,436	\$25.39 /sf
	\$539,128	\$6.02 /sf
	\$1,003,517	\$11.20 /sf
	\$319,300	\$3.56 /sf
	\$26,840	\$0.30 /sf
	\$869,212	\$9.70 /sf
	\$816,355	\$9.11 /sf
	\$738,136	\$8.24 /sf
	<b>\$9,435,502</b>	<b>\$105.34 /sf</b>
	\$122,800	\$1.37 /sf
	\$1,373,265	\$15.33 /sf
	\$3,977,120	\$44.40 /sf
	\$473,815	\$5.29 /sf
	\$3,488,502	\$38.95 /sf
	<b>\$2,066,860</b>	<b>\$23.07 /sf</b>
	\$834,635	\$9.32 /sf
	\$1,232,225	\$13.76 /sf
	<b>\$1,422,466</b>	<b>\$15.88 /sf</b>
	\$443,466	\$4.95 /sf
	\$979,000	\$10.93 /sf
	<b>\$31,388,142</b>	<b>\$350.41 /sf</b>
	<b>\$6,712,058</b>	<b>\$74.93 /sf</b>
	\$893,586	\$9.98 /sf
	\$2,768,226	\$30.90 /sf
	\$897,187	\$10.02 /sf
	\$701,859	\$7.84 /sf
	\$1,022,500	\$11.42 /sf
	\$428,700	\$4.79 /sf
	<b>\$38,100,199</b>	<b>\$425.34 /sf</b>
	10.00%	\$3,810,020
	5.30%	\$2,221,242
	<b>\$44,131,461</b>	<b>\$492.68 /sf</b>
	in rates	\$0.00
	1.50%	\$661,972
	1.00%	\$441,315
	0.00%	\$0
	20 mths	\$2,600,000
	3.00%	\$1,435,042
	<b>waived</b>	
	<b>\$49,269,791</b>	<b>\$550.04 /sf</b>
	\$293,544	
	\$543,600	
	\$316,587	
	<b>\$1,153,731</b>	