

**Feasibility Estimate**  
**Additions and Alterations**  
**Naugatuck High School**  
**Estimate Summary**  
**August 10, 2011**

	Swing Space		Building Haz-Mat Abatement		Site		Major Renovation		Minor Renovation		New Construction		LEED Silver Equivalent		Total Educational Construction		BOE Renovation		Total Construction Estimate		
	Net Area	24,000	U/C	254,013	U/C	800,272	U/C	81,436	U/C	148,874	U/C	23,703	U/C	5.00%	U/C	254,013	U/C	11,448	U/C	265,461	U/C
<b>SUBSTRUCTURE</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>156,292</b>	<b>1.92</b>	<b>170,755</b>	<b>1.15</b>	<b>192,006</b>	<b>8.10</b>	<b>25,953</b>	<b>0.10</b>	<b>545,007</b>	<b>2.15</b>	<b>23,070</b>	<b>2.02</b>	<b>568,076</b>	<b>2.14</b>	
Foundations	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	109,919	4.64	5,496	0.02	115,415	0.45	0	0.00	115,415	0.43	
Basement Construction	0	0.00	0	0.00	0	0.00	156,292	1.92	170,755	1.15	82,088	3.46	20,457	0.08	429,592	1.69	23,070	2.02	452,662	1.71	
<b>SHELL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>1,566,751</b>	<b>19.24</b>	<b>2,445,711</b>	<b>16.43</b>	<b>1,953,962</b>	<b>82.44</b>	<b>298,321</b>	<b>1.17</b>	<b>6,264,745</b>	<b>24.66</b>	<b>202,232</b>	<b>17.67</b>	<b>6,466,977</b>	<b>24.36</b>	
Superstructure	0	0.00	0	0.00	0	0.00	110,502	1.36	70,306	0.47	419,479	17.70	30,014	0.12	630,302	2.48	19,071	1.67	649,373	2.45	
Building Enclosure	0	0.00	0	0.00	0	0.00	1,275,949	15.67	1,942,318	13.05	1,035,009	43.67	212,664	0.84	4,465,940	17.58	167,181	14.60	4,633,121	17.45	
Roofing	0	0.00	0	0.00	0	0.00	180,299	2.21	433,087	2.91	499,474	21.07	55,643	0.22	1,168,504	4.60	15,979	1.40	1,184,483	4.46	
<b>INTERIORS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>2,925,950</b>	<b>35.93</b>	<b>4,241,726</b>	<b>28.49</b>	<b>840,555</b>	<b>35.46</b>	<b>400,412</b>	<b>1.58</b>	<b>8,408,643</b>	<b>33.10</b>	<b>340,838</b>	<b>29.77</b>	<b>8,749,481</b>	<b>32.96</b>	
Interior Construction	0	0.00	0	0.00	0	0.00	1,343,833	16.50	1,923,243	12.92	392,094	16.54	182,959	0.72	3,842,129	15.13	157,762	13.78	3,999,891	15.07	
Staircase	0	0.00	0	0.00	0	0.00	134,574	1.65	225,943	1.52	14,763	0.62	18,764	0.07	394,044	1.55	0	0.00	394,044	1.48	
Interior Finishes	0	0.00	0	0.00	0	0.00	1,447,543	17.78	2,092,540	14.06	433,698	18.30	198,689	0.78	4,172,470	16.43	183,076	15.99	4,355,546	16.41	
<b>SERVICES</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>7,222,967</b>	<b>88.70</b>	<b>11,785,209</b>	<b>79.16</b>	<b>1,701,752</b>	<b>71.79</b>	<b>1,035,496</b>	<b>4.08</b>	<b>21,745,424</b>	<b>85.61</b>	<b>1,025,039</b>	<b>89.54</b>	<b>22,770,463</b>	<b>85.78</b>	
Conveying Systems	0	0.00	0	0.00	0	0.00	157,091	1.93	195,670	1.31	39,901	1.68	19,633	0.08	412,295	1.62	0	0.00	412,295	1.55	
Plumbing	0	0.00	0	0.00	0	0.00	1,142,382	14.03	1,649,675	11.08	219,474	9.26	150,577	0.59	3,162,108	12.45	143,111	12.50	3,305,220	12.45	
HVAC	0	0.00	0	0.00	0	0.00	3,216,449	39.50	5,346,575	35.91	736,563	31.07	464,979	1.83	9,764,567	38.44	489,440	42.75	10,254,006	38.63	
Fire Protection	0	0.00	0	0.00	0	0.00	363,942	4.47	668,873	4.49	106,747	4.50	56,978	0.22	1,196,540	4.71	54,447	4.76	1,250,987	4.71	
Electrical	0	0.00	0	0.00	0	0.00	2,094,473	25.72	3,512,446	23.59	556,320	23.47	308,162	1.21	6,471,401	25.48	296,492	25.90	6,767,892	25.49	
Telecommunications	0	0.00	0	0.00	0	0.00	170,952	2.10	305,323	2.05	18,700	0.79	24,749	0.10	519,724	2.05	28,861	2.52	548,586	2.07	
Security	0	0.00	0	0.00	0	0.00	77,677	0.95	106,646	0.72	24,046	1.01	10,418	0.04	218,787	0.86	12,687	1.11	231,474	0.87	
<b>EQUIPMENT &amp; FURNISHINGS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>107,500</b>	<b>0.13</b>	<b>1,693,489</b>	<b>20.80</b>	<b>1,491,140</b>	<b>10.02</b>	<b>221,245</b>	<b>9.33</b>	<b>175,669</b>	<b>0.69</b>	<b>3,689,044</b>	<b>14.52</b>	<b>79,797</b>	<b>6.97</b>	<b>3,768,841</b>	<b>14.20</b>	
Fixed Equipment	0	0.00	0	0.00	107,500	0.13	985,527	12.10	879,655	5.91	158,633	6.69	106,566	0.42	2,237,880	8.81	34,419	3.01	2,272,299	8.56	
Fixed Furnishings	0	0.00	0	0.00	0	0.00	707,963	8.69	611,485	4.11	62,613	2.64	69,103	0.27	1,451,164	5.71	45,378	3.96	1,496,542	5.64	
<b>SPECIAL CONSTRUCTION</b>	<b>425,000</b>	<b>0.00</b>	<b>1,160,000</b>	<b>4.57</b>	<b>0</b>	<b>0.00</b>	<b>602,111</b>	<b>7.39</b>	<b>974,677</b>	<b>6.55</b>	<b>83,018</b>	<b>3.50</b>	<b>162,240</b>	<b>0.64</b>	<b>3,407,046</b>	<b>13.41</b>	<b>165,030</b>	<b>14.42</b>	<b>3,572,076</b>	<b>13.46</b>	
Special Construction	425,000	17.71	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	21,250	0.08	446,250	1.76	0	0.00	446,250	1.68	
Building Demolition	0	0.00	0	0.00	0	0.00	10,080	0.12	0	0.00	0	0.00	504	0.00	10,584	0.04	0	0.00	10,584	0.04	
Selective Building Demolition	0	0.00	0	0.00	0	0.00	248,369	3.05	429,622	2.89	0	0.00	33,900	0.13	711,890	2.80	57,060	4.98	768,950	2.90	
Hazardous Material Abatement	0	0.00	1,160,000	4.57	0	0.00	0	0.00	0	0.00	0	0.00	58,000	0.23	1,218,000	4.80	50,000	4.37	1,268,000	4.78	
Debris Removal	0	0.00	0	0.00	0	0.00	343,662	4.22	545,055	3.66	83,018	3.50	48,587	0.19	1,020,322	4.02	55,470	4.85	1,075,793	4.05	
<b>BUILDING SITEWORK</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>5,561,752</b>	<b>6.95</b>	<b>145,290</b>	<b>1.78</b>	<b>153,318</b>	<b>1.03</b>	<b>29,751</b>	<b>1.26</b>	<b>294,506</b>	<b>1.16</b>	<b>6,184,617</b>	<b>24.35</b>	<b>13,413</b>	<b>1.17</b>	<b>6,198,030</b>	<b>23.35</b>	
Off-Site Utilities Allowance	0	0.00	0	0.00	100,000	0.12	0	0.00	0	0.00	0	0.00	5,000	0.02	105,000	0.41	0	0.00	105,000	0.41	
Site Preparation	0	0.00	0	0.00	711,294	0.89	37,478	0.46	70,174	0.47	26,277	1.11	42,261	0.17	887,484	3.49	13,413	1.17	900,896	3.39	
Site Improvements	0	0.00	0	0.00	3,066,764	3.83	11,482	0.14	8,178	0.05	0	0.00	154,321	0.61	3,240,745	12.76	0	0.00	3,240,745	12.21	
-ADA	0	0.00	0	0.00	130,476	0.16	70,600	0.87	60,122	0.40	0	0.00	13,060	0.05	274,259	1.08	0	0.00	274,259	1.03	
Site Civil/Mechanical Utilities	0	0.00	0	0.00	406,265	0.51	3,225	0.04	4,814	0.03	1,686	0.07	20,800	0.08	436,790	1.72	0	0.00	436,790	1.65	
Site Electrical Utilities	0	0.00	0	0.00	457,620	0.57	11,012	0.14	4,012	0.03	1,405	0.06	23,702	0.09	497,751	1.96	0	0.00	497,751	1.88	
Other Site Construction	0	0.00	0	0.00	689,333	0.86	11,494	0.14	6,018	0.04	383	0.02	35,361	0.14	742,590	2.92	0	0.00	742,590	2.80	
																	0	0.00			
<b>SUBTOTAL</b>	<b>425,000</b>	<b>0.00</b>	<b>1,160,000</b>	<b>4.57</b>	<b>5,669,252</b>	<b>7.08</b>	<b>14,312,850</b>	<b>175.76</b>	<b>21,262,538</b>	<b>142.82</b>	<b>5,022,290</b>	<b>211.88</b>	<b>2,392,596</b>	<b>9.42</b>	<b>50,244,526</b>	<b>197.80</b>	<b>1,849,418</b>	<b>161.55</b>	<b>52,093,945</b>	<b>196.24</b>	
in CM Fee																					
General Conditions	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
0.00% CM Reimbursable	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
0.16% Building Permit (State Only)	680	0.03	1,856	0.01	9,071	0.01	22,901	0.28	34,020	0.23	8,036	0.34	3,828	0.02	80,391	0.32	2,959	0.26	83,350	0.31	
0.00% Building Permit (Borough of Naugatuck)	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
6.00% Design & Estimating Contingencies	25,541	1.06	69,711	0.27	340,699	0.43	860,146	10.56	1,277,794	8.58	301,820	12.73	143,786	0.57	3,019,497	11.89	111,144	9.71	3,130,641	11.79	
in CM Fee																					
General Liability Insurance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
3.50% Escalation to Bid Day 1/15/13	21	27,637	21	75,434	0.30	315,999	0.39	930,749	11.43	1,382,679	9.29	326,580	13.78	152,954	0.60	3,212,031	12.65	120,262	10.51	3,332,293	12.55
3.00% Escalation to Start Later Phases	0	0.00	24	78,420	0.31	284,904	0.36	967,610	11.88	1,437,429	9.66	0	0.00	138,418	21.00	2,906,782	21.00	166,703	14.56	3,073,485	11.58
0.25% Builder's Risk Insurance		1,128		3,079	0.01	16,550	0.02	42,736	0.52	63,486	0.43	14,147	0.60	7,056	0.03	148,182	0.00	5,626	0.49	153,808	0.58
8.00% Owner's Contingency		38,309		104,560	0.41	530,918	0.66	1,370,9													