

Feasibility Estimate  
 Additions and Alterations  
 Naugatuck High School  
 Minor Renovation  
 August 10, 2011

	Renovation Shell & Envelope		Renovation Infrastructure		Refurbish General Lg Clsms		Refurbish General Sm Clsms		Refurbish Special Education		Refurbish Science & Prep Clsms		Refurbish Music		Refurbish Consumer Science		Refurbish Offices/Workroom		Refurbish Technology Clsrm	
BSF Area	58,594 148,874 0	Wall Floor Roof	148,874	U/C	37,635	U/C	5,944	U/C	3,373	U/C	4,416	U/C	4,649	U/C	840	U/C	1,738	U/C	9,233	U/C
<b>SUBSTRUCTURE</b>	<b>170,755</b>	<b>1.15</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
Foundations	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
Basement Construction	170,755	1.15	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
<b>SHELL</b>	<b>2,037,463</b>	<b>13.69</b>	<b>54,101</b>	<b>0.36</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
Superstructure	0	0.00	21,978	0.15	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Building Enclosure	1,942,318	33.15	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
Roofing	95,145	1.00	32,122	0.22	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>INTERIORS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>876,153</b>	<b>23.28</b>	<b>145,128</b>	<b>24.42</b>	<b>84,270</b>	<b>24.98</b>	<b>122,865</b>	<b>27.82</b>	<b>124,069</b>	<b>26.69</b>	<b>22,417</b>	<b>26.69</b>	<b>49,343</b>	<b>28.39</b>	<b>230,675</b>	<b>24.98</b>
Interior Construction	0	0.00	0	0.00	384,653	10.22	64,126	10.79	38,305	11.36	57,671	13.06	55,435	11.92	10,493	12.49	23,685	13.63	104,852	11.36
Staircase	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
Interior Finishes	0	0.00	0	0.00	491,500	13.06	81,002	13.63	45,965	13.63	65,194	14.76	68,634	14.76	11,924	14.20	25,658	14.76	125,822	13.63
<b>SERVICES</b>	<b>0</b>	<b>0.00</b>	<b>5,418,526</b>	<b>36.40</b>	<b>1,459,543</b>	<b>38.78</b>	<b>223,092</b>	<b>37.53</b>	<b>126,597</b>	<b>37.53</b>	<b>233,444</b>	<b>52.86</b>	<b>168,839</b>	<b>36.32</b>	<b>30,287</b>	<b>36.06</b>	<b>69,751</b>	<b>40.13</b>	<b>406,826</b>	<b>44.06</b>
Conveying Systems	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
Plumbing	0	4.42	1,014,388	6.81	74,794	1.99	0	0.00	0	0.00	32,597	7.38	0	0.00	0	0.00	0	0.00	0	0.00
HVAC	0	0.00	2,874,101	19.31	589,801	15.67	95,852	16.13	54,392	16.13	89,265	20.21	73,913	15.90	13,355	15.90	30,079	17.31	162,521	17.60
Fire Protection	0	0.00	169,065	1.14	123,944	3.29	20,250	3.41	11,491	3.41	15,045	3.41	18,162	3.91	2,862	3.41	6,316	3.63	29,359	3.18
Electrical	0	0.00	1,183,453	7.95	598,348	15.90	96,865	16.30	54,967	16.30	87,761	19.87	73,068	15.72	13,355	15.90	30,889	17.77	165,142	17.89
Telecommunications	0	0.00	135,252	0.91	72,657	1.93	10,125	1.70	5,746	1.70	8,776	1.99	2,640	0.57	715	0.85	2,467	1.42	39,320	4.26
Security	0	0.00	42,266	0.28	0	0.00	0	0.00	0	0.00	0	0.00	1,056	0.23	0	0.00	0	0.00	10,485	1.14
<b>EQUIPMENT &amp; FURNISHINGS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>243,613</b>	<b>6.47</b>	<b>42,188</b>	<b>7.10</b>	<b>23,940</b>	<b>7.10</b>	<b>218,149</b>	<b>49.40</b>	<b>60,503</b>	<b>13.01</b>	<b>4,293</b>	<b>5.11</b>	<b>7,401</b>	<b>4.26</b>	<b>65,533</b>	<b>7.10</b>
Fixed Equipment	0	0.00	0	0.00	94,026	2.50	16,875	2.84	9,576	2.84	12,537	2.84	23,758	5.11	1,908	2.27	3,947	2.27	26,213	2.84
Fixed Furnishings	0	0.00	0	0.00	149,587	3.97	25,313	4.26	14,364	4.26	205,611	46.56	36,745	7.90	2,385	2.84	3,454	1.99	39,320	4.26
<b>SPECIAL CONSTRUCTION</b>	<b>115,815</b>	<b>0.78</b>	<b>273,885</b>	<b>2.09</b>	<b>137,185</b>	<b>3.65</b>	<b>24,233</b>	<b>4.08</b>	<b>13,751</b>	<b>4.08</b>	<b>17,753</b>	<b>4.02</b>	<b>17,634</b>	<b>3.79</b>	<b>3,186</b>	<b>3.79</b>	<b>6,592</b>	<b>3.79</b>	<b>35,021</b>	<b>3.79</b>
Special Construction	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
Building Demolition	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
Selective Building Demolition	46,470	1.20	189,353	1.27	41,022	1.24	7,358	1.24	4,175	1.24	5,466	1.24	5,755	1.24	1,040	1.24	2,151	1.24	11,429	1.24
Hazardous Material Abatement	0	3.57	0	2.55	0	2.50	0	2.50	0	2.50	0	2.50	0	2.50	0	2.50	0	2.50	0	2.50
Debris Removal	69,345	1.41	84,532	0.57	96,163	2.56	16,875	2.84	9,576	2.84	12,287	2.78	11,879	2.56	2,146	2.56	4,441	2.56	23,592	2.56
<b>BUILDING SITework</b>	<b>0</b>	<b>0.00</b>	<b>42,266</b>	<b>0.28</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>32,396</b>	<b>7.34</b>	<b>634</b>	<b>0.14</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>50,748</b>	<b>5.50</b>
Off-Site Utilities Allowance	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
Site Preparation	0	0.64	42,266	0.28	0	0.00	0	0.00	0	0.00	0	0.00	634	0.14	0	0.00	0	0.00	0	0.00
Site Improvements	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	8,178	0.89
-ADA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	17,552	3.97	0	0.00	0	0.00	0	0.00	42,570	4.61
Site Civil/Mechanical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4,814	1.09	0	0.00	0	0.00	0	0.00	0	0.00
Site Electrical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4,012	0.91	0	0.00	0	0.00	0	0.00	0	0.00
Other Site Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6,018	1.36	0	0.00	0	0.00	0	0.00	0	0.00
<b>SUBTOTAL</b>	<b>2,324,034</b>	<b>15.61</b>	<b>5,788,778</b>	<b>38.88</b>	<b>2,716,494</b>	<b>72.18</b>	<b>434,642</b>	<b>73.12</b>	<b>248,558</b>	<b>73.69</b>	<b>624,607</b>	<b>141.44</b>	<b>371,678</b>	<b>79.95</b>	<b>60,183</b>	<b>71.65</b>	<b>133,087</b>	<b>76.58</b>	<b>788,802</b>	<b>85.43</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
0.16% Building Permit (State Only)	3,718	0.02	9,262	0.06	4,346	0.12	695	0.12	398	0.12	999	0.23	595	0.13	96	0.11	213	0.12	1,262	0.14
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	139,666	0.94	347,882	2.34	163,250	4.34	26,120	4.39	14,937	4.43	37,536	8.50	22,336	4.80	3,617	4.31	7,998	4.60	47,404	5.13
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	21 151,129	1.02	21 376,438	2.53	21 176,651	4.69	21 28,264	4.76	21 16,163	4.79	21 40,618	9.20	21 24,170	5.20	21 3,914	4.66	21 8,655	2,052	21 51,295	5.56
3.00% Escalation to Start Later Phases	24 157,113	1.06	24 391,342	2.63	24 183,647	4.88	24 29,385	4.94	24 16,805	4.98	24 42,226	9.56	24 25,126	5.40	24 4,070	4.84	24 8,998	5.18	24 53,325	5.78
0.25% Builder's Risk Insurance	6,939	0.05	17,284	0.12	8,111	0.22	1,298	0.22	742	0.22	1,865	0.42	1,110	0.24	180	0.21	397	0.23	2,355	0.26
8.00% Construction Contingency	222,608	1.50	554,479	3.72	260,200	6.91	41,632	7.00	23,808	7.06	59,828	13.55	35,601	7.66	5,765	6.86	12,748	7.33	75,555	8.18
4.00% Construction Manager's Bond	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
7.00% Construction Manager's Fee	210,393	1.41	524,011	3.52	245,917	6.53	39,371	6.62	22,527	6.68	56,566	12.81	33,671	7.24	5,476	6.52	12,075	6.95	71,428	7.74
0.25% Pre-Construction Fee	8,039	0.05	20,024	0.13	9,397	0.25	1,504	0.25	860	0.25	2,161	0.49	1,286	0.28	208	0.25	460	0.26	2,729	0.30
<b>TOTAL CONSTRUCTION</b>	<b>3,223,640</b>	<b>21.65</b>	<b>8,029,499</b>	<b>53.93</b>	<b>3,768,013</b>	<b>100.12</b>	<b>602,911</b>	<b>101.43</b>	<b>344,799</b>	<b>102.22</b>	<b>866,405</b>	<b>196.20</b>	<b>515,572</b>	<b>110.90</b>	<b>83,508</b>	<b>99.41</b>	<b>184,631</b>	<b>106.23</b>	<b>1,094,155</b>	<b>118.50</b>

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BSF Area	Refurbish Circulation		Refurbish Stairs & Ramps		Refurbish Administration		Refurbish Guidance		Refurbish Kitchen/Servery		Refurbish Cafeteria		Refurbish Faculty Dining		Refurbish Toilets-large		Refurbish Toilets-small		Refurbish Pool	
	25,295	U/C	3,422	U/C	1,693	U/C	4,794	U/C	7,990	U/C	9,000	U/C	630	U/C	1,370	U/C	1,150	U/C	8,559	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>0</b>	<b>0.00</b>					<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
Foundations	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Basement Construction	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
<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>0</b>	<b>0.00</b>	<b>143,820</b>	<b>18.00</b>	<b>162,000</b>	<b>18.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>38,879</b>	<b>4.54</b>
Superstructure	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	38,879	4.54
Building Enclosure	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
Roofing	0	0.00	0	0.00	0	0.00	0	0.00	143,820	18.00	162,000	18.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>INTERIORS</b>	<b>952,780</b>	<b>37.67</b>	<b>127,814</b>	<b>37.35</b>	<b>42,964</b>	<b>25.38</b>	<b>122,858</b>	<b>25.63</b>					<b>17,528</b>	<b>27.82</b>	<b>54,453</b>	<b>39.75</b>	<b>56,157</b>	<b>48.83</b>	<b>262,435</b>	<b>30.66</b>
Interior Construction	430,884	17.03	59,069	17.26	19,893	11.75	57,528	12.00					7,512	11.92	24,893	18.17	23,507	20.44	97,198	11.36
Staircase	147,650	5.84	19,975	5.84	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	58,319	6.81
Interior Finishes	374,247	14.80	48,771	14.25	23,071	13.63	65,330	13.63					10,016	15.90	29,560	21.58	32,649	28.39	106,918	12.49
<b>SERVICES</b>	<b>1,169,131</b>	<b>46.22</b>	<b>158,164</b>	<b>46.22</b>	<b>69,598</b>	<b>41.11</b>	<b>197,079</b>	<b>41.11</b>					<b>27,194</b>	<b>43.17</b>	<b>155,114</b>	<b>113.22</b>	<b>156,638</b>	<b>136.21</b>	<b>372,268</b>	<b>43.49</b>
Conveying Systems	172,354	6.81	23,317	6.81	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Plumbing	31,885	1.26	4,314	1.26	788	0.47	2,232	0.47					1,402	2.23	105,795	77.22	112,313	97.66	11,955	1.40
HVAC	445,247	17.60	60,235	17.60	31,223	18.44	88,413	18.44					12,163	19.31	24,426	17.83	20,895	18.17	204,116	23.85
Fire Protection	85,602	3.38	11,581	3.38	5,960	3.52	16,877	3.52					2,146	3.41	5,290	3.86	4,806	4.18	36,449	4.26
Electrical	397,849	15.73	53,823	15.73	27,301	16.13	77,307	16.13					10,732	17.03	19,603	14.31	18,623	16.19	116,638	13.63
Telecommunications	6,894	0.27	933	0.27	2,884	1.70	8,166	1.70					465	0.74	0	0.00	0	0.00	0	0.00
Security	29,300	1.16	3,964	1.16	1,442	0.85	4,083	0.85					286	0.45	0	0.00	0	0.00	3,110	0.36
<b>EQUIPMENT &amp; FURNISHINGS</b>	<b>435,193</b>	<b>17.20</b>	<b>58,874</b>	<b>17.20</b>	<b>7,883</b>	<b>4.66</b>	<b>22,321</b>	<b>4.66</b>					<b>5,366</b>	<b>8.52</b>	<b>21,081</b>	<b>15.39</b>	<b>11,101</b>	<b>9.65</b>	<b>31,589</b>	<b>3.69</b>
Fixed Equipment	402,158	15.90	54,405	15.90	2,884	1.70	8,166	1.70					2,862	4.54	19,836	14.48	11,101	9.65	14,580	1.70
Fixed Furnishings	33,034	1.31	4,469	1.31	4,999	2.95	14,155	2.95					2,504	3.97	1,245	0.91	0	0.00	17,010	1.99
<b>SPECIAL CONSTRUCTION</b>	<b>103,125</b>	<b>4.08</b>	<b>13,951</b>	<b>4.08</b>	<b>6,902</b>	<b>4.08</b>	<b>19,545</b>	<b>4.08</b>					<b>2,926</b>	<b>4.64</b>	<b>4,807</b>	<b>3.51</b>	<b>4,688</b>	<b>4.08</b>	<b>46,575</b>	<b>5.44</b>
Special Construction	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Selective Building Demolition	31,311	1.24	4,236	1.24	2,096	1.24	5,934	1.24					780	1.24	1,696	1.24	1,424	1.24	25,677	3.00
Hazardous Material Abatement	0	2.50	0	2.50	0	2.50	0	2.50					0	2.50	0	2.50	0	2.50	0	2.50
Debris Removal	71,814	2.84	9,715	2.84	4,807	2.84	13,610	2.84					2,146	3.41	3,112	2.27	3,265	2.84	20,898	2.44
<b>BUILDING SITWORK</b>	<b>2,585</b>	<b>0.10</b>	<b>350</b>	<b>0.10</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>					<b>250</b>	<b>0.40</b>	<b>622</b>	<b>0.45</b>	<b>1,306</b>	<b>1.14</b>	<b>0</b>	<b>0.00</b>
Off-Site Utilities Allowance	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Site Preparation	2,585	0.10	350	0.10	0	0.00	0	0.00					250	0.40	622	0.45	1,306	1.14	0	0.00
Site Improvements	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
-ADA	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Site Civil/Mechanical Utilities	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Site Electrical Utilities	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
Other Site Construction	0	0.00	0	0.00	0	0.00	0	0.00					0	0.00	0	0.00	0	0.00	0	0.00
<b>SUBTOTAL</b>	<b>2,662,814</b>	<b>105.27</b>	<b>359,154</b>	<b>104.95</b>	<b>127,347</b>	<b>75.22</b>	<b>361,803</b>	<b>75.47</b>	<b>143,820</b>	<b>18.00</b>	<b>162,000</b>	<b>18.00</b>	<b>53,265</b>	<b>84.55</b>	<b>236,078</b>	<b>172.32</b>	<b>229,889</b>	<b>199.90</b>	<b>751,746</b>	<b>87.83</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
0.16% Building Permit (State Only)	4,261	0.17	575	0.17	204	0.12	579	0.12	230	0.03	259	0.03	85	0.14	378	0.28	368	0.32	1,203	0.14
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	160,024	6.33	21,584	6.31	7,653	4.52	21,743	4.54	8,643	1.08	9,736	1.08	3,201	5.08	14,187	10.36	13,815	12.01	45,177	5.28
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	21 173,160	6.85	21 23,355	6.83	21 8,281	4.89	21 23,528	4.91	21 9,352	1.17	21 10,535	1.17	21 3,464	5.50	21 15,352	11.21	21 14,949	13.00	21 48,885	5.71
3.00% Escalation to Start Later Phases	24 180,015	7.12	24 24,282	7.10	24 8,611	5.09	24 24,458	5.10	24 9,726	1.22	24 10,952	1.22	24 3,601	5.72	24 15,961	11.65	24 15,541	13.51	24 50,820	5.94
0.25% Builder's Risk Insurance	7,951	0.31	1,072	0.31	380	0.22	1,080	0.23	429	0.05	484	0.05	159	0.25	705	0.51	686	0.60	2,245	0.26
8.00% Construction Contingency	255,058	10.08	34,402	10.05	12,198	7.21	34,655	7.23	13,776	1.72	15,517	1.72	5,102	8.10	22,613	16.51	22,020	19.15	72,006	8.41
4.00% Construction Manager's Bond	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
7.00% Construction Manager's Fee	241,058	9.53	32,538	9.51	11,555	6.83	32,777	6.84	13,046	1.63	14,692	1.63	4,849	7.70	21,397	15.62	20,837	18.12	68,074	7.95
0.25% Pre-Construction Fee	9,211	0.36	1,242	0.36	441	0.26	1,252	0.26	498	0.06	560	0.06	184	0.29	817	0.60	795	0.69	2,600	0.30
<b>TOTAL CONSTRUCTION</b>	<b>3,693,552</b>	<b>146.02</b>	<b>498,204</b>	<b>145.59</b>	<b>176,670</b>	<b>104.35</b>	<b>501,875</b>	<b>104.69</b>	<b>199,521</b>	<b>24.97</b>	<b>224,734</b>	<b>24.97</b>	<b>73,911</b>	<b>117.32</b>	<b>327,488</b>	<b>239.04</b>	<b>318,902</b>	<b>277.31</b>	<b>1,042,755</b>	<b>121.83</b>

Recently Renovated

Feasibility Estimate  
 Additions and Alterations  
 Naugatuck High School  
 Minor Renovation  
 August 10, 2011

BSF Area	Refurbish Storage		Refurbish MEP Support		Refurbish Gymnasiums		Refurbish Locker Rooms		Refurbish Lecture Hall		Total Refurbishment	
	6,085	U/C	6,813	U/C	17,425	U/C	2,530	U/C	1,280	U/C	148,874	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>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>170,755</b>	<b>1.15</b>
Foundations	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Basement Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	170,755	1.15
<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>0</b>	<b>0.00</b>	<b>9,448</b>	<b>7.38</b>	<b>2,445,711</b>	<b>16.43</b>
Superstructure	0	0.00	0	0.00	0	0.00	0	0.00	9,448	7.38	70,306	0.47
Building Enclosure	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1,942,318	13.05
Roofing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	433,087	2.91
<b>INTERIORS</b>	<b>112,292</b>	<b>18.45</b>	<b>145,069</b>	<b>21.29</b>	<b>554,070</b>	<b>31.80</b>	<b>97,686</b>	<b>38.61</b>	<b>40,701</b>	<b>31.80</b>	<b>4,241,726</b>	<b>28.49</b>
Interior Construction	67,375	11.07	96,712	14.20	237,459	13.63	43,097	17.03	18,897	14.76	1,923,243	12.92
Staircase	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	225,943	1.52
Interior Finishes	44,917	7.38	48,356	7.10	316,612	18.17	54,589	21.58	21,804	17.03	2,092,540	14.06
<b>SERVICES</b>	<b>225,620</b>	<b>37.08</b>	<b>298,648</b>	<b>43.84</b>	<b>529,533</b>	<b>30.39</b>	<b>233,585</b>	<b>92.33</b>	<b>55,731</b>	<b>43.54</b>	<b>11,785,209</b>	<b>79.16</b>
Conveying Systems	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	195,670	1.31
Plumbing	28,332	4.66	79,304	11.64	4,749	0.27	143,082	56.55	1,744	1.36	1,649,675	11.08
HVAC	90,524	14.88	92,844	13.63	227,960	13.08	43,097	17.03	22,153	17.31	5,346,575	35.91
Fire Protection	19,349	3.18	23,211	3.41	48,481	2.78	8,907	3.52	3,721	2.91	668,873	4.49
Electrical	81,887	13.46	100,581	14.76	239,438	13.74	37,925	14.99	26,892	21.01	3,512,446	23.59
Telecommunications	1,728	0.28	2,708	0.40	2,968	0.17	575	0.23	305	0.24	305,323	2.05
Security	3,801	0.62	0	0.00	5,936	0.34	0	0.00	916	0.72	106,646	0.72
<b>EQUIPMENT &amp; FURNISHINGS</b>	<b>8,638</b>	<b>1.42</b>	<b>7,737</b>	<b>1.14</b>	<b>119,917</b>	<b>6.88</b>	<b>77,287</b>	<b>30.55</b>	<b>18,533</b>	<b>14.48</b>	<b>1,491,140</b>	<b>10.02</b>
Fixed Equipment	3,455	0.57	5,803	0.85	78,361	4.50	74,701	29.53	12,501	9.77	879,655	5.91
Fixed Furnishings	5,183	0.85	1,934	0.28	41,555	2.38	2,586	1.02	6,032	4.71	611,485	4.11
<b>SPECIAL CONSTRUCTION</b>	<b>22,389</b>	<b>3.68</b>	<b>31,644</b>	<b>4.64</b>	<b>60,354</b>	<b>3.46</b>	<b>8,878</b>	<b>3.51</b>	<b>3,837</b>	<b>3.00</b>	<b>974,677</b>	<b>6.55</b>
Special Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Selective Building Demolition	7,532	1.24	8,433	1.24	21,569	1.24	3,132	1.24	1,584	1.24	429,622	2.89
Hazardous Material Abatement	0	2.50	0	2.50	0	2.50	0	2.50	0	2.50	0	0.00
Debris Removal	14,857	2.44	23,211	3.41	38,785	2.23	5,746	2.27	2,253	1.76	545,055	3.66
<b>BUILDING SITWORK</b>	<b>4,768</b>	<b>0.78</b>	<b>5,803</b>	<b>0.85</b>	<b>6,728</b>	<b>0.39</b>	<b>4,367</b>	<b>1.73</b>	<b>494</b>	<b>0.39</b>	<b>153,318</b>	<b>1.03</b>
Off-Site Utilities Allowance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Site Preparation	4,768	0.78	5,803	0.85	6,728	0.39	4,367	1.73	494	0.39	70,174	0.47
Site Improvements	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8,178	0.05
-ADA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	60,122	0.40
Site Civil/Mechanical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4,814	0.03
Site Electrical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4,012	0.03
Other Site Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6,018	0.04
<b>SUBTOTAL</b>	<b>373,707</b>	<b>61.41</b>	<b>488,901</b>	<b>71.76</b>	<b>1,270,602</b>	<b>72.92</b>	<b>421,804</b>	<b>166.72</b>	<b>128,745</b>	<b>100.58</b>	<b>21,262,538</b>	<b>142.82</b>
in CM Fee General Conditions	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
0.16% Building Permit (State Only)	598	0.10	782	0.11	2,033	0.12	675	0.27	206	0.16	34,020	0.23
0.00% Building Permit (Borough of Naugatuc	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6.00% Design & Estimating Contingencies	22,458	3.69	29,381	4.31	76,358	4.38	25,349	10.02	7,737	6.04	1,277,794	8.58
in CM Fee General Liability Insurance	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 24,302	3.99	21 31,793	4.67	21 82,626	4.74	21 27,429	10.84	21 8,372	6.54	1,382,679	9.29
3.00% Escalation to Start Later Phases	24 25,267	4.15	24 33,050	4.85	24 85,895	4.93	24 28,513	11.27	24 8,703	6.80	1,437,429	9.66
0.25% Builder's Risk Insurance	1,116	0.18	1,460	0.21	3,794	0.22	1,259	0.50	384	0.30	63,486	0.43
8.00% Construction Contingency	35,796	5.88	46,829	6.87	121,705	6.98	40,402	15.97	12,332	9.63	2,036,636	13.68
4.00% Construction Manager's Bond	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
7.00% Construction Manager's Fee	33,855	5.56	44,282	6.50	115,039	6.60	38,208	15.10	11,682	9.13	1,925,321	12.93
0.25% Pre-Construction Fee	1,293	0.21	1,691	0.25	4,395	0.25	1,459	0.58	445	0.35	73,550	0.49
<b>TOTAL CONSTRUCTION</b>	<b>518,392</b>	<b>85.19</b>	<b>678,169</b>	<b>99.54</b>	<b>1,762,448</b>	<b>101.14</b>	<b>585,100</b>	<b>231.26</b>	<b>178,606</b>	<b>139.54</b>	<b>29,493,459</b>	<b>198.11</b>