

Feasibility Estimate
 Additions and Alterations
 Naugatuck High School
 Board of Education
 August 10, 2011

	Renovation Shell & Envelope		Renovation Infrastructure		New Administration		Renovate Conference		LEED Silver Equivalent		Total Renovation	
	4,662 11,448 11,448	Wall Floor Roof	11,448	U/C	9,322	U/C	2,126	U/C	5.00%	U/C	11,448	U/C
SUBSTRUCTURE	21,971	1.92	0		0	0.00	0	0.00	1,099	0.10	23,070	2.02
Foundations	0	0.00	0		0	0.00	0	0.00	0	0.00	0	0.00
Basement Construction	21,971	1.92	0		0	0.00	0	0.00	1,099	0.10	23,070	2.02
SHELL	170,668	14.91	6,240	0.55	0	0.00	15,693	7.38	9,630	0.84	202,232	17.67
Superstructure	0	0.00	2,470	0.22	0	0.00	15,693	7.38	908	0.08	19,071	1.67
Building Enclosure	159,220	34.15	0	0.00	0	0.00	0	0.00	7,961	0.70	167,181	14.60
Roofing	11,448	1.00	3,770	0.33	0	0.00	0	0.00	761	0.07	15,979	1.40
INTERIORS	0	0.00	0	0.00	251,574	26.99	73,034	34.35	16,230	1.42	340,838	29.77
Interior Construction	0	0.00	0	0.00	116,449	12.49	33,801	15.90	7,512	0.66	157,762	13.78
Staircase	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	135,125	14.50	39,233	18.45	8,718	0.76	183,076	15.99
SERVICES	50,572	5.02	442,672	38.67	383,223	41.11	99,760	46.92	48,811	4.26	1,025,039	89.54
Conveying Systems	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Plumbing	50,572	4.42	78,004	6.81	4,340	0.47	3,380	1.59	6,815	0.60	143,111	12.50
HVAC	0	0.00	247,012	21.58	171,921	18.44	47,200	22.20	23,307	2.04	489,440	42.75
Fire Protection	0	0.00	13,001	1.14	32,817	3.52	6,036	2.84	2,593	0.23	54,447	4.76
Electrical	0	0.00	91,004	7.95	150,325	16.13	41,044	19.31	14,119	1.23	296,492	25.90
Telecommunications	0	0.00	10,400	0.91	15,879	1.70	1,207	0.57	1,374	0.12	28,861	2.52
Security	0	0.00	3,250	0.28	7,940	0.85	893	0.42	604	0.05	12,687	1.11
EQUIPMENT & FURNISHINGS	0	0.00	0	0.00	43,404	4.66	32,594	15.33	3,800	0.33	79,797	6.97
Fixed Equipment	0	0.00	0	0.00	15,879	1.70	16,900	7.95	1,639	0.14	34,419	3.01
Fixed Furnishings	0	0.00	0	0.00	27,524	2.95	15,693	7.38	2,161	0.19	45,378	3.96
SPECIAL CONSTRUCTION	79,901	6.98	21,061	2.09	47,638	5.11	8,571	4.03	7,859	0.69	165,030	14.42
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	13,781	1.20	14,561	1.27	21,173	2.27	4,829	2.27	2,717	0.24	57,060	4.98
Hazardous Material Abatement	50,000	0.00	0	0.00	0	2.27	0	4.00	0	0.00	50,000	4.37
Debris Removal	16,121	1.41	6,500	0.57	26,466	2.84	3,742	1.76	2,641	0.23	55,470	4.85
BUILDING SITEWORK	7,280	0.64	3,900	0.34	0	0.00	1,593	0.75	639	0.06	13,413	1.17
Off-Site Utilities Allowance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Site Preparation	7,280	0.64	3,900	0.34	0	0.00	1,593	0.75	639	0.06	13,413	1.17
Site Improvements	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
Site Civil/Mechanical Utilities	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
Other Site Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
SUBTOTAL	330,393	28.86	473,873	41.39	725,839	77.86	231,245	108.77	88,068	7.69	1,849,418	161.55
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)	529	0.05	758	0.07	1,161	0.12	370	0.17	141	0.01	2,959	0.26
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
6.00% Design & Estimating Contingencies	19,856	1.73	28,478	2.49	43,620	4.68	13,897	6.54	5,293	0.46	111,144	9.71
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	21,483	21	30,816	21	47,199	21	15,037	21	5,727	21	120,262
3.00% Escalation to Start Later Phases	32	29,781	32	42,714	32	65,426	32	20,844	32	7,938	32	166,703
0.25% Builder's Risk Insurance		1,005		1,442		2,208		703		268		5,626
8.00% Construction Contingency		32,244		46,247		70,836		22,568		8,595		180,489
4.00% Construction Manager's Bond		0		0		0		0		0		0
7.00% Construction Manager's Fee		30,498		43,731		66,968		21,354		8,150		170,702
0.25% Pre-Construction Fee		1,164		1,670		2,558		815		310		6,518
TOTAL CONSTRUCTION	466,955	40.79	669,729	58.50	1,025,816	110.04	326,833	153.73	124,467	10.87	2,613,800	228.32