

Carver Elementary School

Option H

Carver Elementary School

Option H

Feasibility Estimate

Carver, MA

7/27/2009

Building Area - gross S.F.	0		132,800		132,800
		Reno		New	Total
	\$/sf	D.C. = 15%	\$/sf	D.C. = 5%	
A. BUILDING TRADE COST					
General Construction		\$0	\$137.66	\$18,281,248	\$18,281,248
Remedial Structural		\$0			\$0
Fire Protection		\$0	\$6.01	\$798,128	\$798,128
Plumbing		\$0	\$10.49	\$1,393,072	\$1,393,072
HVAC		\$0	\$30.55	\$4,057,040	\$4,057,040
Electrical (includes security & data)		\$0	\$22.43	\$2,978,704	\$2,978,704
SUBTOTAL		\$0	\$202.14	\$27,508,192	\$27,508,192
B. SITEWORK TRADE COST					
Hazardous Materials Abatement & Monitoring					
Demolition Bulk		\$864,790			\$864,790
Earthwork/Site Improvements				\$1,300,000	\$1,300,000
Utilities -- Civil				\$253,000	\$253,000
Septic				\$315,000	\$315,000
Well				\$7,500	\$7,500
C. TOTAL TRADE COST					\$29,925,982
General Conditions	8.5%				\$2,543,708
Overhead & Profit	2.8%				\$811,742
D. SUBTOTAL CONTRACTOR'S COST					\$33,281,433
Escalation @ 2.9% to June 2012	8.7%				\$2,895,485
(Construction start May 2011 through midpoint of construction)					
E. TOTAL CONTRACTOR'S COST					\$36,176,917
Bidding Contingency	3.0%				\$1,085,308
F. TOTAL ESTIMATED BID					\$37,262,225
Construction Contingency	7.5%				\$2,794,667
G. TOTAL ESTIMATED CONSTRUCTION COST					\$40,056,892
FURNITURE, FIXTURES & EQUIPMENT	LS				\$1,110,000
EDUCATIONAL TECHNOLOGY	LS				\$1,110,000
INDIRECT EXPENSES - fees & owner costs	LS				\$5,489,137
H. TOTAL ESTIMATED PROJECT COST June 2012					\$47,766,029

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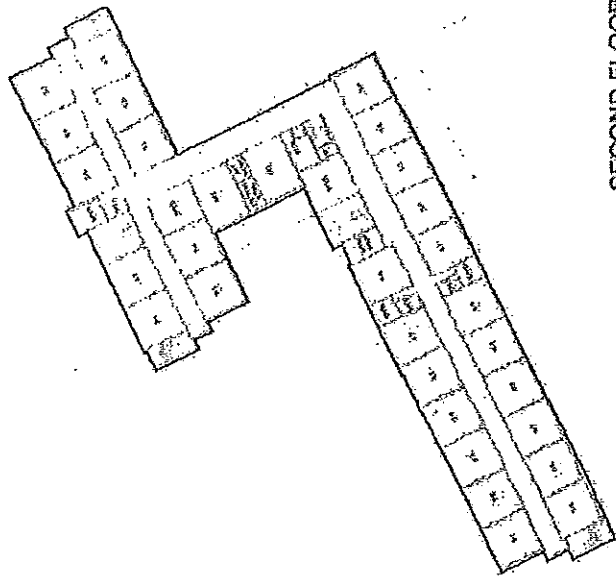
Feasibility Estimate

7/27/2009

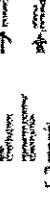
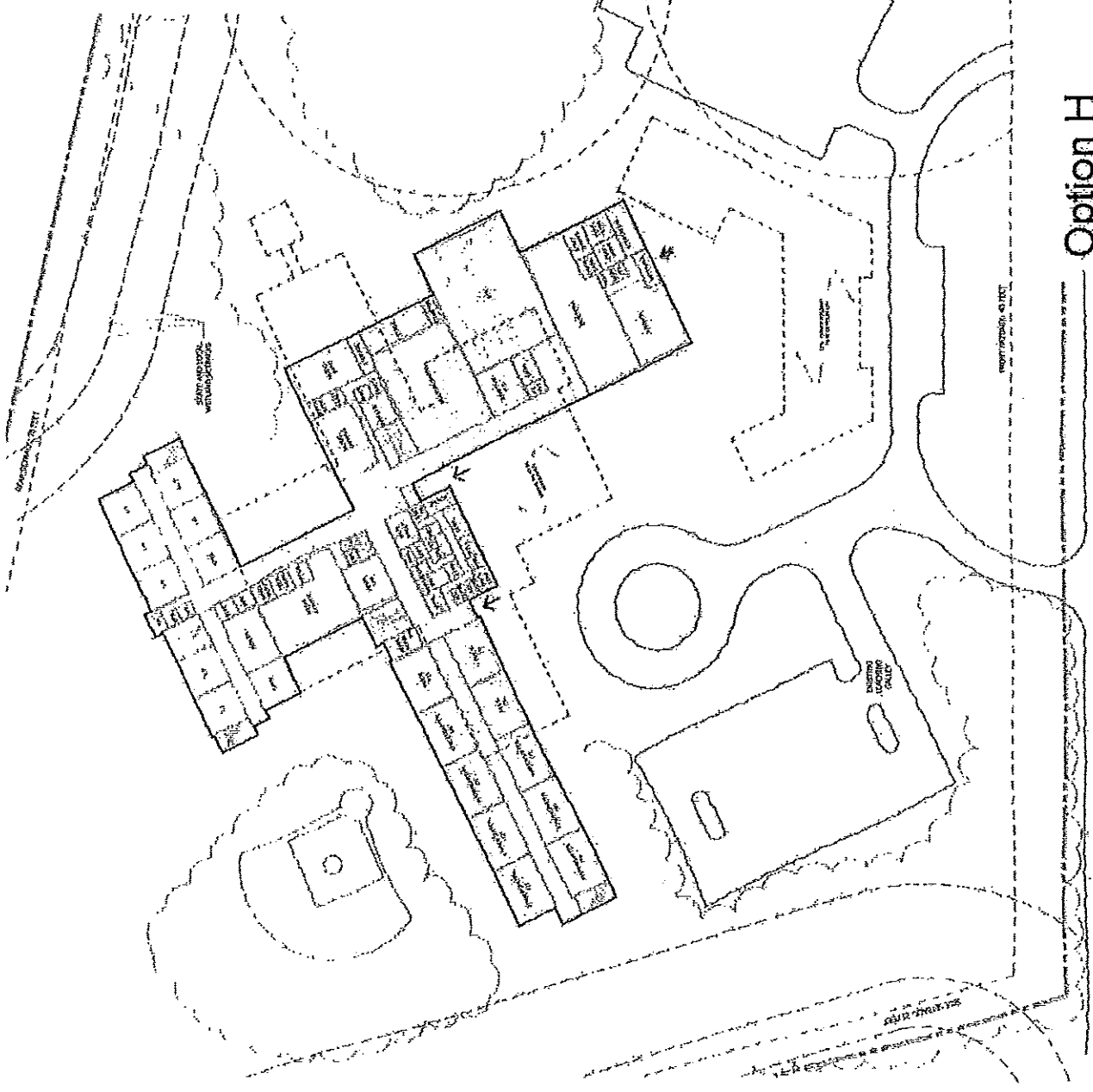
INDIRECT EXPENSES	<u>Estimated Cost</u>
A/E Services, Feasibility Study	\$180,000
Owner's Project Manager	\$40,000
Site Survey	\$5,800
Geotechnical Investigation & Engineering	\$10,000
Hazardous Materials Investigation	\$10,000
Septic System Investigation	\$2,480
Well Investigation	\$2,500
Reimbursable Expenses	<u>\$5,000</u>
TOTAL FOR FEASIBILITY STUDY	\$255,780

A/E Services SD through CA	8.0% of ECC	\$37,262,225	\$2,981,000
FF & E Design Services	8.0% of FF&E Budget		\$88,800
Ed Tech Design Services	8.0% of Ed Tech Budget		\$88,800
A/E Contingency for C/O	8.0% of Const. Contingency		\$223,573
Owner's Project Manager			
Pre Construction Phase	0.50% of ECC		\$186,311
Construction Phase	2.27% of ECC		\$845,853
Clerk of Works	0.00% (included in OPM above)		\$0
Owner's Cost Estimator	(Included in OPM above)		\$0
Peer reviews	Allowance		\$8,000
Utility Company Charges	Allowance		\$50,000
Permit Fees	Allowance		\$10,000
Hazardous Abatement Design	Allowance		\$15,000
Hazardous Abatement & Air Quality Monitoring	Allowance		\$50,000
Construction Testing & Inspections	Allowance		\$70,000
Moving, Storage & Other Relocation Expenses			\$150,000
Printing & Other Direct Expenses			\$200,000
Owner's Financing, Bonding & Insurance Expense	1.00%		\$372,700
Indirect contingency	5.0%		\$149,100
TOTAL INDIRECT EXPENSES			<u>\$5,489,137</u>

<i>Furniture, Fixtures and Equipment</i>			
925 students x \$1200 per student	925	\$1,200	1,110,000
			\$1,110,000
<i>Educational Technology</i>			
infrastructure (included in Electrical)			
925 students x \$1200 per student	925	\$1,200	\$1,110,000
			\$1,110,000



SECOND FLOOR



18 JULY 2009

MARYANN THOMPSON
ARCHITECTS +
Design Partnership

Option H

All new construction
Career Elementary School
Career 102

MAIN STREET/ ROUTE 58

