

# 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%	
<b>A. BUILDING TRADE COST</b>					
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
<b>SUBTOTAL</b>		\$0	\$202.14	\$27,508,192	\$27,508,192
<b>B. SITEWORK TRADE COST</b>					
<del>Hazardous Materials Abatement &amp; Monitoring</del>					
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
<b>C. TOTAL TRADE COST</b>					\$29,925,982
General Conditions	8.5%				\$2,543,708
Overhead & Profit	2.8%				\$811,742
<b>D. SUBTOTAL CONTRACTOR'S COST</b>					\$33,281,433
Escalation @ 2.9% to June 2012	8.7%				\$2,895,485
(Construction start May 2011 through midpoint of construction)					
<b>E. TOTAL CONTRACTOR'S COST</b>					\$36,176,917
Bidding Contingency	3.0%				\$1,085,308
<b>F. TOTAL ESTIMATED BID</b>					\$37,262,225
Construction Contingency	7.5%				\$2,794,667
<b>G. TOTAL ESTIMATED CONSTRUCTION COST</b>					\$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
<b>H. TOTAL ESTIMATED PROJECT COST June 2012</b>					\$47,766,029

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Carver, MA

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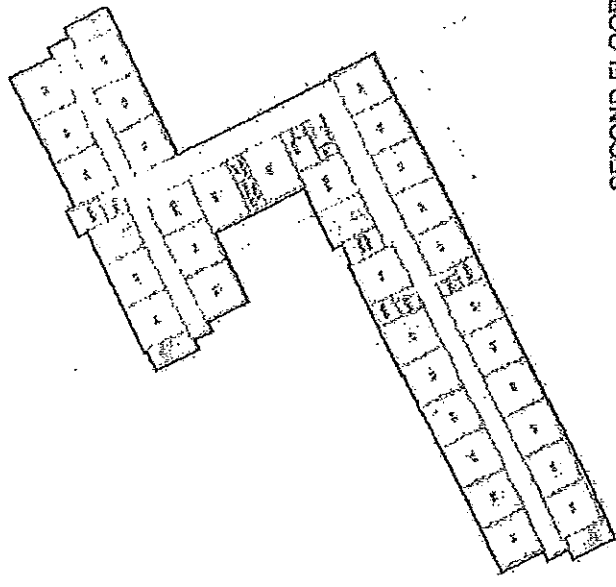
Feasibility Estimate

7/27/2009

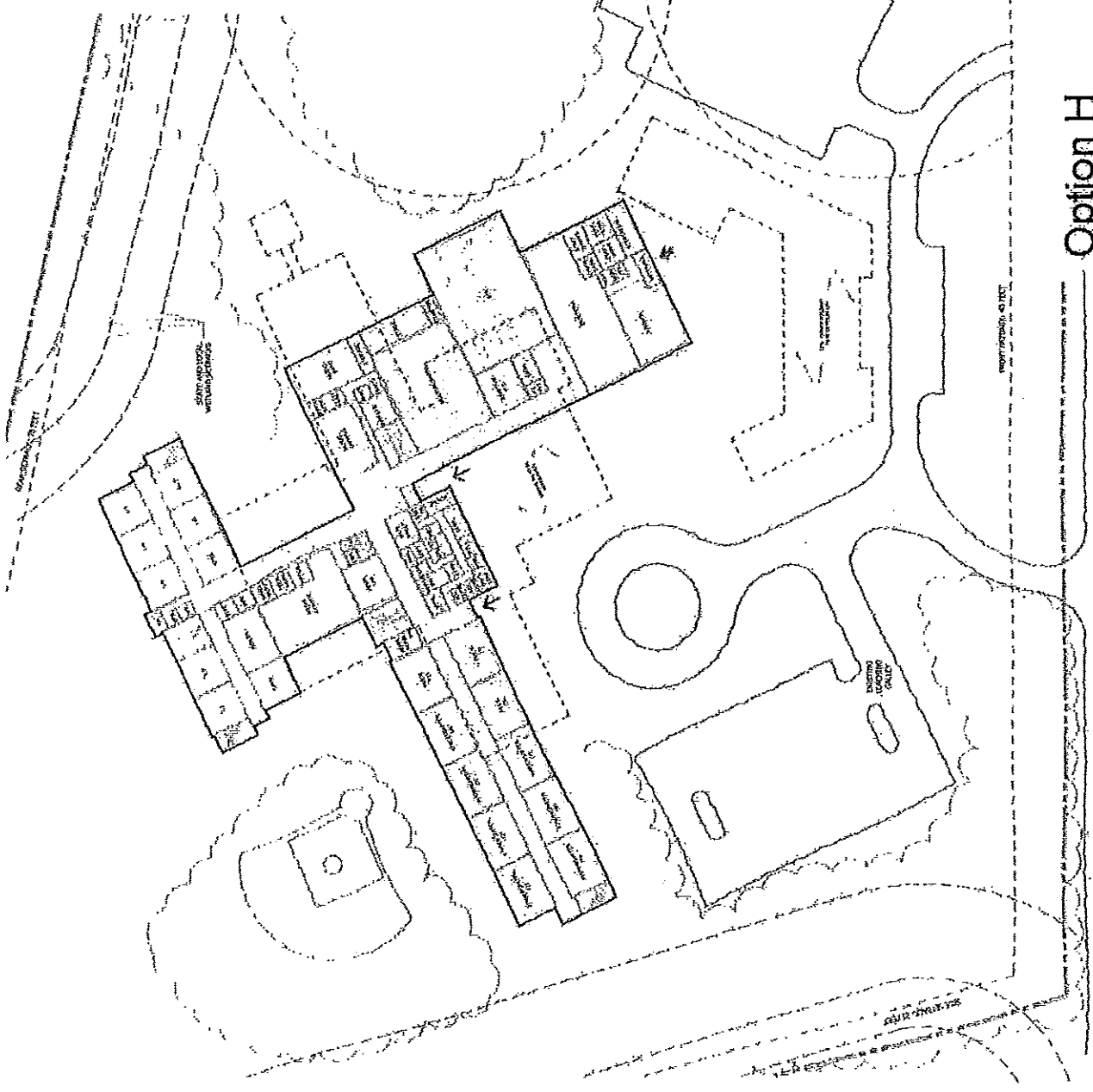
INDIRECT EXPENSES	<u>Estimated Cost</u>
A/E Services, Feasibility Study	\$180,000
Owner's Project Manager	\$40,000
Site Survey	\$5,800
Geotechnical Investigation & Engineering	\$10,000
Hazardous Materials Investigation	\$10,000
Septic System Investigation	\$2,480
Well Investigation	\$2,500
Reimbursable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

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
<b>Owner's Project Manager</b>		
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
<b>TOTAL INDIRECT EXPENSES</b>		<u><b>\$5,489,137</b></u>

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



SECOND FLOOR



**Option H**

All new construction  
 Career Elementary School  
 Career 102

MAIN STREET/ ROUTE 58

18 JULY 2009  
 MARYANN THOMPSON  
 ARCHITECTS +  
 Designpartnership

