

Carver Elementary School

Option J

Carver Elementary School
Carver, MA

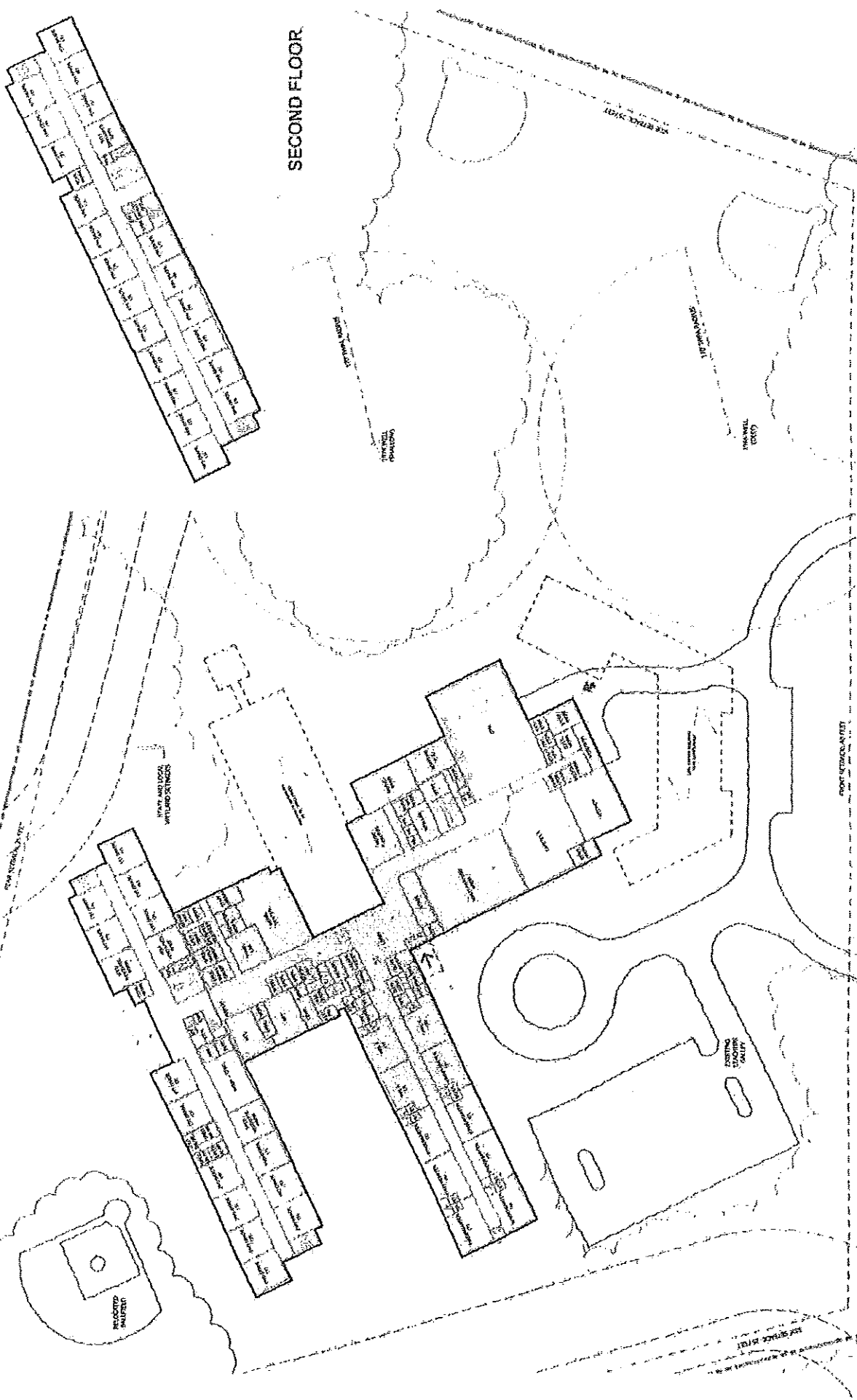
Option J

Feasibility Estimate

7/27/2009

Building Area - gross S.F.	41,130		92,200		133,330
	Reno		New		Total
	\$/sf	D.C. = 15%	\$/sf	D.C. = 5%	
A. BUILDING TRADE COST					
General Construction	\$56.07	\$2,306,159	\$131.80	\$12,151,960	\$14,458,119
Remedial Structural					\$0
Fire Protection	\$6.58	\$270,635	\$6.01	\$554,122	\$824,757
Plumbing	\$11.48	\$472,172	\$10.49	\$967,178	\$1,439,350
HVAC	\$33.41	\$1,374,153	\$30.55	\$2,816,710	\$4,190,863
Electrical (Includes security & data)	\$24.58	\$1,010,975	\$22.43	\$2,068,046	\$3,079,021
SUBTOTAL	\$132.12	\$5,434,096	\$201.28	\$18,558,016	\$23,992,112
B. SITEWORK TRADE COST					
Hazardous Materials Abatement & Monitoring					
Demolition Bulk		\$517,199			\$517,199
Earthwork/Site Improvements				\$1,300,000	\$1,300,000
Utilities - Civil				\$249,000	\$249,000
Septic				\$315,000	\$315,000
Fire Protection Well				\$7,500	\$7,500
C. TOTAL TRADE COST					\$26,058,311
General Conditions	8.5%				\$2,214,956
Overhead & Profit	2.5%				\$706,832
D. SUBTOTAL CONTRACTOR'S COST					\$28,980,099
Escalation @ 2.9% to June 2012	8.7%				\$2,521,269
(Construction start May 2011 through midpoint of construction)					
E. TOTAL CONTRACTOR'S COST					\$31,501,367
Bidding Contingency	3.0%				\$945,041
F. TOTAL ESTIMATED BID					\$32,446,408
Construction Contingency	7.5%				\$2,433,481
G. TOTAL ESTIMATED CONSTRUCTION COST					\$34,879,889
FURNITURE, FIXTURES & EQUIPMENT	LS				\$1,110,000
EDUCATIONAL TECHNOLOGY	LS				\$1,110,000
INDIRECT EXPENSES--fees & owner costs	LS				\$5,029,887
H. TOTAL ESTIMATED PROJECT COST June 2012					\$42,129,776

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	\$32,446,408	\$2,595,800
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		\$194,678
Owner's Project Manager			
Pre Construction Phase	0.50% of ECC		\$162,232
Construction Phase	2.75% of ECC		\$892,276
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%		\$324,500
Indirect contingency	15.0%		\$129,800
TOTAL INDIRECT EXPENSES			<u>\$5,029,887</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

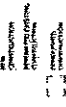


SECOND FLOOR



15 JULY 2009

MARYANN THOMPSON
ARCHITECTS +
Designpartnership



Option J

Portion of Wachtorn to remain, Gov. Carver demolished
Carver Elementary School
Carver, IA

MAIN STREET/ ROUTE 58