

Carver Elementary School

Option B3

Carver Elementary School
Carver, MA

Option B 3

Feasibility Estimate

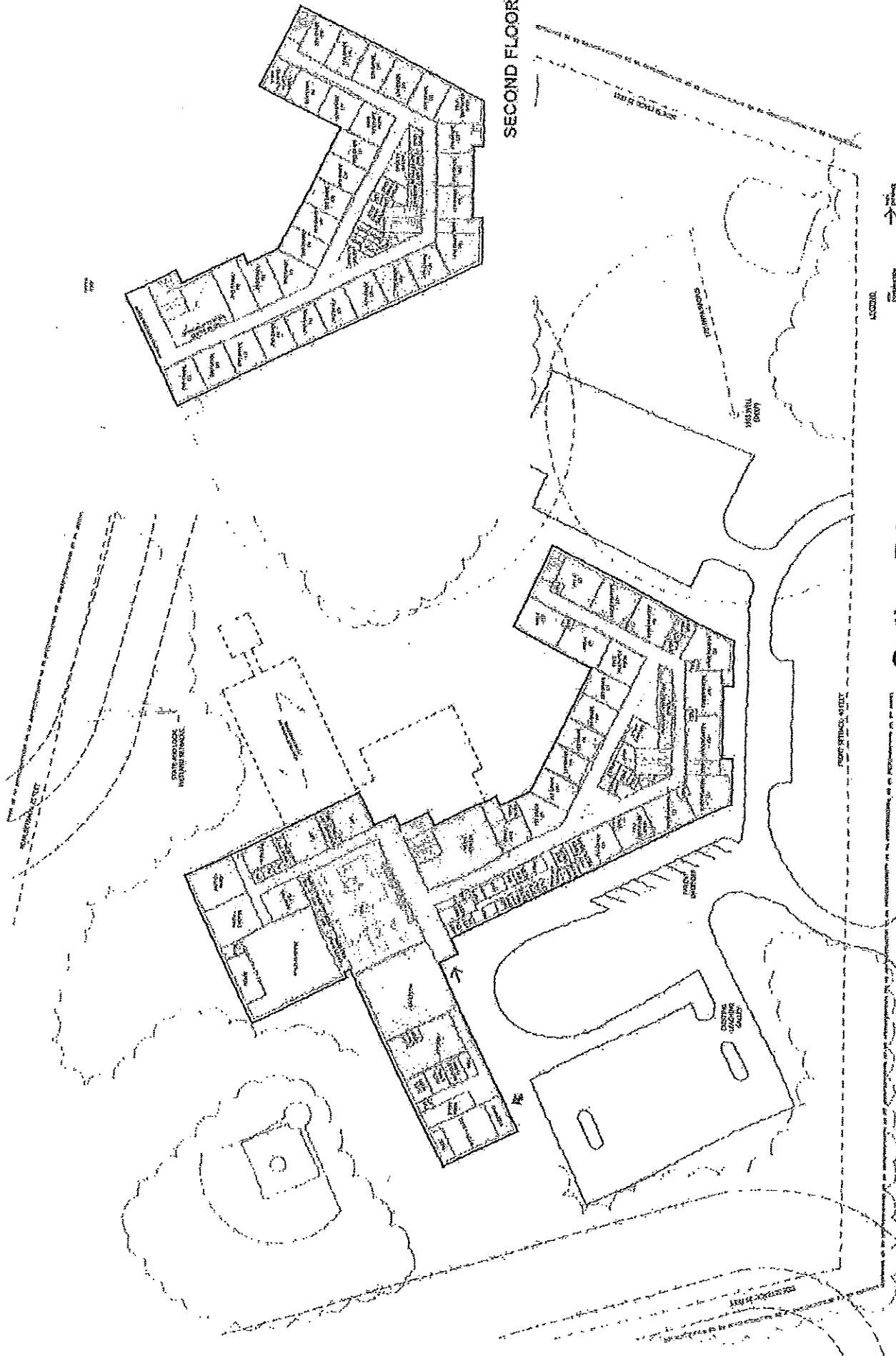
7/27/2009

Building Area - gross S.F.		76,420 Reno		57,510 New	133,930 Total
	\$/sf	D.C. = 15%	\$/sf	D.C. = 5%	
A. BUILDING TRADE COST					
General Construction	\$68.87	\$5,263,045	\$131.80	\$7,579,818	\$12,842,863
Remedial Structural	\$1.40	\$106,996			\$106,996
Fire Protection	\$6.58	\$502,844	\$6.01	\$345,635	\$848,479
Plumbing	\$11.48	\$877,302	\$10.49	\$603,280	\$1,480,582
HVAC	\$33.41	\$2,559,192	\$30.55	\$1,756,931	\$4,316,123
Electrical (includes security & data)	\$24.58	\$1,878,404	\$22.43	\$1,289,949	\$3,168,353
SUBTOTAL	\$146.32	\$11,181,782	\$201.28	\$11,575,613	\$22,757,395
B. SITEWORK TRADE COST					
Hazardous Materials Abatement & Monitoring					
Demolition Bulk		\$182,531			\$182,531
Earthwork/Site Improvements				\$1,000,000	\$1,000,000
Utilities -- Civil				\$271,000	\$271,000
Septic				\$315,000	\$315,000
Fire Protection Well				\$7,500	\$7,500
C. TOTAL TRADE COST					\$24,681,826
General Conditions	8.5%				\$2,097,955
Overhead & Profit	2.5%				\$669,495
D. SUBTOTAL CONTRACTOR'S COST					\$27,449,276
Escalation @ 2.9% to June 2012 (Construction start May 2011 through midpoint of construction)	8.7%				\$2,388,087
E. TOTAL CONTRACTOR'S COST					\$29,837,363
Bidding Contingency	3.0%				\$895,121
F. TOTAL ESTIMATED BID					\$30,732,484
Construction Contingency	7.5%				\$2,304,936
G. TOTAL ESTIMATED CONSTRUCTION COST					\$33,037,420
FURNITURE, FIXTURES & EQUIPMENT	LS				\$1,110,000
EDUCATIONAL TECHNOLOGY	LS				\$1,110,000
INDIRECT EXPENSES -- fees & owner costs	LS				\$4,802,801
H. TOTAL ESTIMATED PROJECT COST June 2012					\$40,050,221

INDIRECT EXPENSES	<u>Estimated Cost</u>
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	2.0% of ECC \$30,732,484	\$2,458,600
FF & E Design Services	2.0% of FF&E Budget	\$88,800
Ed Tech Design Services	2.0% of Ed Tech Budget	\$88,800
A/E Contingency for C/Q	2.0% of Const. Contingency	\$184,395
Owner's Project Manager		
Pre Construction Phase	0.50% of ECC	\$153,662
Construction Phase	2.25% of ECC	\$849,143
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%	\$307,400
Indirect contingency	5.0%	\$123,000
TOTAL INDIRECT EXPENSES		<u><u>\$4,802,801</u></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 2002

MARYANN THOMPSON
ARCHITECTS +
Designpartnership



Option B3

Portion of Washburn remains & all of Gov. Carver remains
Carver Elementary School
Claver, IA

MAIN STREET/ ROUTE 58

AS NOTED

TEMPORARY

EXISTING

FOUR STRUCK STREET

EXISTING

FOUR STRUCK STREET