

		VE Cost
<b>I. Sitework</b>		
1	Existing playground structures to remain as is- except playground structure outside 3rd grade wing	\$ (186,911)
2	Existing playground structures to be removed, salvaged and reinstalled (for installation of new code compliant rubber surfacing)- Cannot accept with Item 1	\$ (100,000)
3	Delete all vertical granite curbing (VGC) and replace with cape cod berm	\$ (513,362)
4	Change vertical granite curbing to cape cod berm except along Ballfield Rd main loop- Cannot accept with Item 3	\$ (236,800)
5	Delete Sod at playfields, provide seed	\$ (141,836)
6	Delete underground power/data duct bank to Lincoln Road, overhead power/data lines remains as is	\$ (551,357)
7	Delete rubber surfacing at playgrounds, provide wood fiber surfacing with rubber surfacing pathways per MAAB	\$ (239,884)
8	Substitute bituminous concrete for concrete at 50% of walkways	\$ (203,564)
9	Reduce granite benches by 50%	\$ (96,620)
10	Remove all granite benches- Cannot accept with Item 9	\$ (193,240)
11	Eliminate all planting (trees, shrubs and groundcover; seeding to remain)	\$ (239,556)
12	The entirety of the sitework remains as is with the exception of the scope of work shown in Site Diagram 1	TBD
13	Remove half basketball court near Reed Gym	TBD
<b>II. Interior &amp; Exterior Building Components</b>		
1	Eliminate skylights at MS Art Rooms (128 SF)	\$ (23,040)
2	Eliminate operable wall at 3rd grade classrooms, provide drywall partition ( 1 EA @ 284 SF )	\$ (39,192)
3	Eliminate folding glass wall at 4th grade HUB, provide sliding 3' pocket door ( 1 EA @ 275 SF )	\$ (49,500)
4	Eliminate operable wall at 4th grade classrooms, provide drywall partition ( 1 EA @ 284 SF )	\$ (39,192)
5	Eliminate folding glass walls (2) at 5th grade HUB, provide sliding 3' pocket doors (2) ( 1 EA 498 SF )	\$ (89,640)
6	Eliminate operable wall at 5th grade classrooms, provide drywall partition ( 280 SF )	\$ (33,600)
7	Eliminate folding glass walls (2) at 6th grade HUB, provide sliding 3' pocket doors (2) ( 813 SF )	\$ (146,340)
8	Eliminate operable wall at 6th grade classrooms, provide drywall partition ( 1 EA @ 284 SF )	\$ (39,192)
9	Eliminate folding glass walls (2) at 7th grade HUB, provide sliding 3' pocket doors (2) ( 574 SF )	\$ (103,320)
10	Eliminate folding glass wall at 8th grade HUB, provide sliding 3' pocket door (326 SF )	\$ (58,680)
11	Eliminate operable wall at 8th grade classrooms, provide drywall partition ( 1 EA 283 SF )	\$ (50,940)
12	Existing open bookshelving along window walls (replaced/installed in 1994) to remain- 446 LF	\$ (214,080)
13	Existing base and upper cabinetry (replaced/installed in 1994) to remain except for new 4' wide ADA base/countertop at sinks	\$ (117,168)
14	Existing tall storage cabinets (replaced/installed in 1994) to remain- 110 LF	\$ (66,000)
15	Eliminate porcelain tile (PT) wainscott at Dining Commons and Learning Commons- Maintain only 4" PT base	\$ (48,960)
16	Eliminate roof screen at Part D (68 LF)	\$ (83,520)
17	Eliminate roof screen at Part E (100 LF)	\$ (150,600)
18	Change all proposed linoleum flooring to VCT- at all locations	\$ (381,647)
19	Maintain existing VCT flooring in lieu of new linoleum at existing spaces not reconfigured- Cannot accept with Item 18	\$ (356,490)
20	Maintain existing VCT flooring in lieu of new VCT at existing spaces not reconfigured- Can only accept if Item 18 is accepted; Cannot accept with Item 19	\$ (188,306)
21	Change all proposed porcelain tile flooring to VCT	\$ (230,704)
22	Change all ceramic tile flooring to epoxy flooring in all toilet rooms	\$ (49,514)
23	Change decorative acoustical Metal Works ceiling at Learning Commons to 2x2 ACT	\$ (188,928)
24	Reduce exterior glazing (triple pane fiberglass units) by 5%- revise to brick wall assembly	\$ (36,000)
25	Existing REED gymnasium PVC roof membrane to remain	\$ (233,350)
26	Existing wood doors in hollow metal frames at 1994 construction to remain	\$ (74,400)
27	Reuse existing markerboards/tack boards - to remain as is in 1994 renovated spaces	\$ (68,340)



		VE Cost
28	Eliminate exterior doors at classrooms (22 locations)- replace with brick wall assembly	\$ (69,300)
29	Eliminate cubbies/lockers at PK-2 (install just coat hooks)	TBD
30	Eliminate raised loading dock, ramps and railings	\$ (54,000)
31	Reduce allowance for replacement of existing roof decking	\$ (78,480)
32	Maintain dormers and bell tower structures at 1994 Link building	\$ (80,800)
33	Eliminate sun shade/PV Canopies and trellis at 1st grade classrooms ( 1,420 sf )	\$ (122,808)
34	Eliminate sun shade/PV Canopies and trellis at 4th grade classrooms ( 773 sf )	\$ (68,245)
35	Eliminate sun shade/PV Canopies and trellis at 7th grade classrooms ( 925 sf )	\$ (80,734)
36	Eliminate sun shade/PV Canopies and trellis at 8th grade classrooms (1,097 sf )	\$ (95,746)
37	Eliminate sun shade/PV Canopies and Dining Commons facade (804 sf )	\$ (70,172)
38	Eliminate sun shade/PV Canopies at REED corridor ( 1,400 sf )	\$ (122,191)
39	Eliminate literacy resource tall bookcases casework	\$ (66,600)
40	Eliminate wood bench A-201/6	\$ (135,000)
41	Structural- In lieu of removing existing basement/crawlspace concrete walls in the 1948 portion of the building being demolished, remove only the framed concrete slab at the first floor level. Infill the spaces with compacted fill.	\$ (28,800)

### III. Infrastructure (MEP)

#### Electrical

1	Reduce the number of security cameras to 20	\$ (73,500)
2	Revise power feeders rated 150 amp or larger to aluminum (phase and neutral conductors and copper ground conductor)	\$ (36,000)
3	Reduce emergency generator size to 650kW by decreasing the shelter area	\$ (78,000)
4	Reduce emergency generator size to 650kW- kitchen appliances can be pre-wired to normal power source (instead of standby)- Cannot accept with Item 3	\$ (78,000)
5	Eliminate mass notification system	\$ (198,769)
6	Eliminate new street lighting, existing to remain	\$ (396,436)
7	Add Wireless Microphones in Auditorium	\$ 73,800
8	Add Video Recording/Streaming in Auditorium	\$ 13,200
9	Add Broadcast video in Auditorium	\$ 34,800
10	Add Lecture Hall video in Auditorium	\$ 21,120

#### Plumbing

1	Use NIRON or AQUATHERM piping in lieu of copper piping for domestic water piping	\$ (126,000)
2	Eliminate piping insulation at cold water piping	\$ (28,800)
3	Eliminate acid waste neutralization system	\$ (54,000)

#### Mechanical

1	Omit ceiling fans at Smith and Reed Gymnasiums	\$ (42,000)
2	Omit sound attenuators in systems installed at higher grade spaces (5-8), Admin and Gyms	\$ (78,000)
3	Use ductless units in spaces currently intended to get ducted FCUs	\$ (54,000)
4	Simplify controls with less interface between the BMS and the VRF control system	\$ (180,000)
5	Add VAV and CO2 Demand Control Ventilation	\$ 270,000
6	Add- Change to Ducted Heat Pump- Cannot accept with Item 5	\$ 600,000
7	Add- Change to Ducted Heat Pump with VAV and CO2 Demand Control Ventilation- Cannot accept with Item 5 & 6	\$ 870,000



		VE Cost
<b>IV.</b>	<b><u>General</u></b>	
1	Reduce Modulars direct cost to \$2,000,000	\$ (1,680,000)
2	Reduce the Photovoltaic direct cost to \$1,500,000	\$ (1,200,000)
3	Reduce the Photovoltaic direct cost to \$zero	\$ (3,000,000)
4	Add \$250,000 in direct cost to accommodate additional Incentive-based ECM upgrades	\$ 300,000
5	Add \$500,000 in direct cost to accommodate additional Incentive-based ECM upgrades	\$ 600,000
6	Move FF&E to non capitol project cost - operational budget over 4 years	FF&E Budget
<b>V.</b>	<b><u>Program Changes</u></b>	
1	Change Learning Commons/Media Center/3rd Grade CR wing to new Design, increase Learning Commons by 1,000 sf	\$ 570,000
2	Change Learning Commons/Media Center/3rd Grade CR wing to new Design, maintain existing Learning Commons size- Cannot accept with Item 1	\$ 150,000
3	Reduce Learning Commons in current design by 1,000 sf to minimal opening to cafeteria- Cannot accept with Items 1 or 2	\$ (420,000)
4	Eliminate all Work in the Auditorium except HVAC, Fire Alarm and Fire Sprinklers	\$ (1,588,708)
5	Eliminate Media Center Wing, Commons SF to become Media Center (Decrease new Additions by 3,000 SF)	\$ (1,260,000)
6	Eliminate Corridor Link to REED Gym (Decrease new Additions by 2,774 SF)	\$ (1,165,080)
7	Eliminate 3rd grade HUB space - make corridor only (Decrease new Additions by 500 SF)	\$ (210,000)
8	Retain Pre-K at Hartwell complex - eliminate SF for CASE classroom and new Smith storage additions (Decrease new Additions by 2,410 SF)	\$ (1,012,200)
9	Eliminate Movement Room at REED Gym- Maintain existing locker room configuration as is	TBD
<del>10</del>	<del>Reduce Learning Commons in current design to minimal opening to Dining Commons (Decrease new Additions by 1,000 SF)</del>	<del>\$ (100,000)</del>
11	Reduce Custodial Storeroom at Loading Dock (Decrease new Additions by 1,000 SF)	\$ (360,000)