



Value Management Log

Updated 7/15/22

Design Development Set



A	B	C	D	F	I	J	L	M	N	N	O	P	
Item #	Ext.	VE/VM Item	Discipline/Trade	Comments/Details	DD Estimated Value (PM+C)	DD Estimated Value (AM Fogarty)	DD Reconciled Value (Avg of Estimates)	Status	SMMA Recommendation	SBC 08.04.22 SBC 08.18.22	Accepted Value	Rejected Value	Comments
3		Reduce number of outdoor classrooms on south of academic wing from 4 to 3.	Site	We have had limited discussion on utilization of / plan for outdoor classrooms at this time to inform how many should be provided.	(\$58,000)	(\$49,618)	(\$53,809)	Under Review	Accept	Accept	(\$53,809)		Accepted by default 08.04.22
7		Remove electrical from outdoor classrooms	Electrical		\$0	\$0	\$0	Under Review	Reject				
8		Remove bollard lighting from outdoor classrooms	Electrical		\$0	\$0	\$0	Under Review	Reject				
9		Reduce advanced lighting controls from 100% addressable lights to 60%	Electrical		(\$41,384)	(\$41,761)	(\$41,573)	Under Review	Reject				
11		Remove sink in all (9) Team Commons	Plumbing	Reduces the flexibility of the team commons by eliminating the potential for any projects that need to incorporate water usage.	(\$40,600)	(\$49,499)	(\$45,050)	Under Review	Reject				
13		Remove millwork "work station" from Grade Level 6 Team Commons; retain sink on perimeter of room	Interiors	Use of moveable furniture in lieu of work station. Will allow for different identity, more movement; retains "Maker Space" sink	(\$52,461)	(\$46,575)	(\$49,518)	Under Review	Reject				Accepted 08.04.22
14		Replace 4,500 SF wood-look metal ceiling panel (MCP-1) with 2x2 ACP-1. (1/3 of the total 7,500 was removed in SD)	Interiors	4,500 is the total remaining	(\$193,586)	(\$185,257)	(\$189,422)	Under Review	Reject				
15		Reduce quantity of wall tile in the cafeteria to 50%	Interiors		(\$10,962)	(\$11,081)	(\$11,022)	Under Review	Reject				
16		Remove wood paneling from Media Center walls and ceiling, replace with Painted wall and ceiling. (1/3 of the total SF was removed in SD)	Interiors	Wall paneling removed during DD as wall shelving and display cases were finalized. Misc wood trim only remains	\$0	\$5,000	\$2,500	Under Review	Reject				
17	A	Reduce interior lightshelf to 10"	Interiors	Cannot be chosen with 17B	(\$45,675)	(\$45,833)	(\$45,754)	Under Review	Reject				
17	B	Remove interior light shelf	Interiors	Cannot be chosen with 17A	(\$121,800)	(\$122,220)	(\$122,010)	Under Review	Accept	Accept	(\$122,010)		
21		Remove sunshades from south facing windows at classrooms	Exteriors		(\$91,872)	(\$122,528)	(\$107,200)	Under Review	Reject				
22		Reduce sunshades at south facing classrooms to 1'-0" deep	Exteriors		(\$30,624)	(\$49,674)	(\$40,149)	Under Review	Reject				
23		Replace sunshades on south facing curtainwall with deep mullion caps (assume custom/semi-custom die to make 2.5"x8" cap)	Exteriors	Difference in unit price cost assumptions. PMC ; 204LF SUNSHADE VS 300LF CW MULLION	(\$24,847)	(\$33,244)	(\$29,046)	Under Review	Reject				
24		Remove sunshades from south facing curtainwall	Exteriors	Difference in unit price cost assumptions.	(\$35,496)	(\$43,929)	(\$39,713)	Under Review	Reject				
27		Reduce entrance canopy by 15 LF of the canopy length. Canopy is 16.5' wide.	Architecture	Canopy can be reduced 15 LF from what is shown on A-103 to keep the projection beyond the admin volume.	see #78	see #78	see #78	Under Review	Reject				Accepted 08.04.22
28		Replace curtain wall on north wall of art rooms with punched windows. Change 898 SF of CW to 414 SF of punched window and 484 SF of opaque wall assembly with phenolic cladding	Architecture	This may benefit comfort, glare reduction and slight impact in improving enclosure performance	(\$36,459)	(\$39,490)	(\$37,974)	Under Review	Reject				
29		Change curtainwall and window glazing from triple to double	Architecture	Difference in unit price cost assumptions. PMC SAVINGS \$30/SF	(\$491,828)	(\$384,469)	(\$438,149)	Under Review	Reject				
30		Site: At south side of building at Dining Commons terrace: Remove 100 linear feet of retaining wall and guardrail, remove lawn terraces, remove CIP Stairs and concrete walkway. Add 800 SF of concrete pavement to patio and regrade. (BOD C-121)	Site		\$(319,824)	\$(385,109)	\$(352,467)	Under Review	Accept				
31	A	Form-Facing Panels for Smooth Finish: Exterior-grade plywood panels, nonabsorptive, that will provide continuous, true, and smooth architectural finished concrete surfaces, medium-density overlay, Class1, or better, mill-applied release agent and edge sealed, complying with DDCPS1. (BOD Sec. 03 30 00)	Site	Cannot be selected with 31B or C	\$(46,400)	\$(34,454)	\$(40,427)	Under Review	Accept				
31	B	Board Forms: Lumber boards of face design, texture, arrangement.	Site	Cannot be selected with 31A or C	\$(69,600)	\$(10,592)	\$(40,096)	Under Review	Reject				
31	C	Masonry Veneer: Concrete retaining wall per structural, damp proofing with a 1" air cavity, CMU Masonry veneer similar to EWA-1.	Site	Cannot be selected with 31A or B	\$144,072	\$184,814	\$164,443	Under Review	Reject				
32		Site: Athletic Fields: Remove Boys Baseball Field, Girls Softball Field, and overlay Soccer Field, including all fences, equipment, and revise athletic field cross sections to match typical lawn section. Leave retaining wall and limit of clearing in place.	Site		\$(1,228,773)	\$(1,775,769)	\$(1,502,271)	Under Review	Reject				
33		Site: Wood Bridge: Remove 6' wide wood bridge with wood guardrails (43 LF)	Site		\$(87,000)	\$(74,205)	\$(80,603)	Under Review	Accept				
34	A	Air Vapor Barrier Alt 1: Fluid-Applied, Vapor-Retarding Membrane Air Barrier: Elastomeric, modified bituminous or synthetic polymer membrane	Architecture	Cannot be selected with 34B	\$(69,601)	\$(12,102)	\$(40,852)	Under Review	Reject				Accepted 08.04.22
34	B	Air Vapor Barrier Alt 2: Modified Bituminous Sheet: 40-mil- thick, self adheringsheet consisting of 36 mils of rubberized asphalt laminated to a 4-mil- thick, cross-laminated polyethylene film with release liner on adhesive side and formulated for application with primer that complies with VOC limits of authorities having jurisdiction	Architecture	Cannot be selected with 34A PMC - looks like similar product to what is carried in base estimate?	\$-	\$-	\$-	Under Review	Reject				
35		Sound Absorptive Treatment @ C-Wing Corridors - Tectum Panels ilo K-13 spray insulation to 75% Area	Architecture		\$(88,949)	\$(49,781)	\$(69,365)	Under Review	Reject				
36		Plumbing - Overflow drainage; install scuppers at roof edge ilo internally piped overflow drainage	Plumbing		\$(84,680)	\$(34,920)	\$(59,800)	Under Review	Accept	Accept	(\$59,800)		
37		Electrical: Change distribution feeders to aluminum for 150Amp feeders, and higher.	Electrical		\$(25,520)	\$(23,280)	\$(24,400)	Under Review	Accept	Reject		(\$24,400)	
38		Electrical: Change PVC 40 to EB conduit for Utility primary duct bank. Note Utility primary will need confirmation from CMLP.	Electrical		\$(4,640)	\$(4,640)	\$(4,640)	Under Review	Accept	Accept	(\$4,640)		
39		Electrical: Change PVC 40 to EB conduit for Communications exterior duct bank	Electrical		\$(17,400)	\$(17,400)	\$(17,400)	Under Review	Accept	Accept	(\$17,400)		
40		Electrical: Change PVC 40 to EB conduit for Building secondary and underground feeders	Electrical		\$(13,920)	\$(13,920)	\$(13,920)	Under Review	Accept	Accept	(\$13,920)		
41		Electrical: Change PVC 40 to DB conduit for branch circuit wiring (lighting and power)	Electrical		\$(11,600)	\$(11,600)	\$(11,600)	Under Review	Accept	Accept	(\$11,600)		
42		Electrical: Install low energy Fire Alarm cable in lieu of MC.	Electrical		\$(40,600)	\$(6,518)	\$(23,559)	Under Review	Reject	Reject		(\$23,559)	
43		Electrical: If PV canopies are installed in the North Parking Lot, South parking Lot, and Walkway: Remove 4 Type BB light poles, 3 type AA1 Light poles, 5 Type CC Light poles.	Electrical		\$(35,786)	\$(28,320)	\$(32,053)	Under Review	Pending				Accepted 08.04.22
44		Electrical: If PV canopies are installed in the North Parking lot, South parking Lot, and Walkway: Install 40 surface mounted canopy light fixtures. Basis of design Hubbell Lighting STR1 Edge-Lit Size 1 (4500 lumen output, 3000k color temp.) or equal.	Electrical		\$25,520	\$38,907	\$32,214	Under Review	Pending				
45		Exterior Wall Assemblies: Install Metal Composite material wall panels in lieu of phenolic: available products that may be incorporated into the Work include, but are not limited to, the following: 3A Composites USA, Inc.; Alucobond Plus; Alcoa Inc.; Reynobond FR.; ALOCTEX Inc Alcotex, FR.; Or equal.	Architecture		\$(63,585)	\$(5,820)	\$(34,703)	Under Review	Reject				
46		FOR DISCUSSION: Reduce Construction Schedule by (2) months	General	Would allow for an earlier occupancy and (2) months less in GC's.	\$(270,000)	\$(270,000)	\$(270,000)	Under Review	Accept				
47		Reduce underslab insulation from 4" to 2", Maintain 4" at 6' around the perimeter	Architecture		\$(102,725)	\$(88,988)	\$(95,856)	Under Review	Accept	Accept	(\$95,856)		
48		Reduce exterior wall mineral wool insulation from 8" to 6"	Architecture		\$(139,200)	\$(139,680)	\$(139,440)	Under Review	Accept	Accept	(\$139,440)		
49		Reduce roof polyiso insulation from 10" to 8"	Architecture		\$(189,776)	\$(288,415)	\$(239,096)	Under Review	Accept	Accept	(\$239,096)		
50		Replace folding glass walls at Classrooms into Commons with hollow metal frames and glazing (Maintain folding glass wall at Media Center)	Architecture	PMC; REPLACE WITH SINGLE LEAF DOOR AND 15'X8' HM GLAZING?	\$(125,280)	\$(101,582)	\$(113,431)	Under Review	Reject				
51		Replace operable panel walls in between classrooms with GWB wall (G3C.U)	Architecture	PMC; INCLUDES SOFFIT AND GWB ABOVE - REPLACE WITH ACT	\$(261,151)	\$(313,698)	\$(287,424)	Under Review	Reject				
52		Eliminate stair access to roof- reduce height of stair tower, add alternating tread stair and hatch for roof access	Architecture	PMC; LEFT IN CLOSURE FOR ELEVATOR OVER RUN	\$(122,682)	\$(164,124)	\$(143,403)	Under Review	Reject				Accepted 08.04.22
53		Combine Gym and Auditorium AHUs	Mechanical	PMC; SAVINGS IN CURB. CONTROLS & COST OF AHU, ADD FOR DUCTWORK	\$(87,000)	\$(58,200)	\$(72,600)	Under Review	Accept	Accept	(\$72,600)		
54		Replace exposed corridor ceilings (K-13) with ACP-1 ceilings	Architecture		\$(22,237)	\$(43,299)	\$(32,768)	Under Review	Accept	Accept	(\$32,768)		Accepted 08.04.22



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55		Change quarry tile floor and base with epoxy at Kitchen	Interiors	PMC; INCLUDES BASE	\$(69,124)	\$(24,686)	\$(46,905)	Under Review	Accept	Accept	(\$46,905)		Accepted 08.04.22
56		Remove 8' tall mesh front storage cabinets at Team Commons	Interiors	PM+C; 9 LOCATIONS @ \$5000 PER LOC	\$(52,200)	\$(87,300)	\$(69,750)	Under Review	Reject				
57		Reduce ceramic wall tile in toilet rooms to 8" on wet walls only. Epoxy paint on all other walls	Interiors		\$(254,643)	\$(294,444)	\$(274,543)	Under Review	Reject				
58		Eliminate porcelain wall tile at corridors- maintain 6" porcelain tile base and include impact resistant GWB and SS corner guards	Interiors		\$(249,641)	\$(237,642)	\$(243,641)	Under Review	Reject				
59		Eliminate unit skylights in Admin area	Architecture	2 LOC	\$(20,045)	\$(27,936)	\$(23,990)	Under Review	Reject				Accepted 08.04.22
60		Eliminate lightning preventor system	Electrical		\$(69,600)	\$(69,840)	\$(69,720)	Under Review	Reject				
61		Reduce concrete slab thickness to 4" at classroom wing. Maintain 5" at Auditorium and Gym	Structure		\$(47,733)	\$(70,102)	\$(58,918)	Under Review	Accept	Accept	(\$58,918)		
62		Eliminate Phase 2 existing building demo and abatement scope	Site		\$(1,920,196)	\$(2,051,694)	\$(1,985,945)	Under Review	Reject				
63		Reduce height of Gymnasium to minimum clearance allowed by MIAA for basketball - Approx 5'-0" ft	Architecture		\$(97,411)	\$(111,252)	\$(104,332)	Under Review	Reject				Accepted 08.04.22
64		Eliminate Vape Detection System	Electrical		\$(48,720)	\$(48,888)	\$(48,804)	Under Review	Accept	Accept	(\$48,804)		
65		Replace linoleum with VCT	Interiors	PMC; ASSUME MCT	\$(169,180)	\$(170,257)	\$(169,719)	Under Review	Reject				
66		Reduce Auditorium and Specialty space AV systems by 25%	Electrical		\$(269,572)	\$(260,969)	\$(265,271)	Under Review	Reject				
67		Replace granite curbing at straight sections with precast concrete curbing	Site	PMC; 4700 LF	\$(49,068)	\$(85,808)	\$(67,438)	Under Review	Accept				Accepted 08.04.22
68		Remove (2) maintenance sheds at loading dock- provide conduit and electrical stub up and concrete pads only	Site		\$(11,600)	\$(23,303)	\$(17,452)	Under Review	Reject				
69		Eliminate full height built-in shelving at Media Center (all shelving to be FF&E)	Interiors		\$(77,952)	\$(72,314)	\$(75,133)	Under Review	Reject				
70		Eliminate environmental graphics (\$50k allowance)	Interiors		\$(58,000)	\$(58,200)	\$(58,100)	Under Review	Reject				
71		Eliminate bleachers in the Gymnasium (possibly provided by donation?)	Interiors		\$(87,000)	\$(81,480)	\$(84,240)	Under Review	Reject				Accepted 08.04.22
72	A	Eliminate all millwork display cases	Interiors	Cannot be Accepted with 74B	\$(144,332)	\$(165,172)	\$(154,752)	Under Review	Reject				
72	B	Reduce millwork display cases by 50%	Interiors	Cannot be Accepted with 74A	\$(72,166)	\$(82,586)	\$(77,376)	Under Review	Reject				
73		Revise Ever Alert Master Clock system (proposed proprietary) to traditional wireless master clock system	Electrical		\$(78,848)	\$(104,760)	\$(91,804)	Under Review	Accept	Accept	(\$91,804)		
74		Rough in Only for Sound Field Systems in Classrooms- Systems and Speakers by FF&E	Electrical	61 locations; PMC base estimate Accentech allowance @ \$130k	\$(115,420)	\$(136,328)	\$(125,874)	Under Review	Reject				
75		Eliminate roof davit and associated structure	Architecture		\$(23,200)	\$(34,920)	\$(29,060)	Under Review	Reject				
76		Eliminate green screen/cable trellis	Site		\$(58,000)	\$(58,200)	\$(58,100)	Under Review	Reject				
77		Simplify main entry canopy design by 50%	Architecture	PMC; Target savings; dteel framing, decking, membrane roofing, DEFS soffit & framing	\$(60,320)	\$(58,087)	\$(59,203)	Under Review	Reject				
78		Eliminate entry concrete planter, add metal picket fence rail for fall protection, concrete retaining wall to remain	Architecture		\$(19,058)	\$(6,606)	\$(12,832)	Under Review	Reject				
79	A	Replace granite bollards with concrete filled galvanized steel bollards	Site	PMC ASSUME 69 LOC	\$(120,060)	\$(132,521)	\$(126,291)	Under Review	Accept				
79	B	Provide a SS sleeve to concrete filled galvanized steel bollards	Site	Cannot be Accepted with 79A	\$(66,560.00)	\$(74,321.00)	\$(70,441)	Under Review	Accept				
80		Remove bevel at CMU exterior walls	Architecture		\$(108,089)	\$(14,412)	\$(61,251)	Under Review	Reject				
81		Reduce size of Gymasium by 3,500 Square Feet to MSBA Standard	Architecture		\$(1,500,000)	\$(927,500)	\$(1,213,750)	Under Review	Reject				
82		Reduce size of Auditorium to accomodate 270 person occupancy; reduce by 1/3 from 5040 SF to 3240 SF	Architecture		\$(800,000)	\$(540,000)	\$(670,000)	Under Review	Reject				
TOTALS					DO NOT TOTAL	DO NOT TOTAL	DO NOT TOTAL		\$0	\$0	(\$1,109,369)	(\$47,959)	



SMMA preferred items

SBC additional items