



Mountain View  
Whisman  
School District

PROJECT COST ESTIMATES  
TBD Consultants

# APPENDIX F

MVWSD MASTER FACILITIES PLAN  
November 2019





# Mountain View Whisham School District

## Student Facilities Improvement Plan Update

Mountain View, California

### Masterplan Budget Plan

#### Report Prepared for:

Artik Art & Architecture

September 30, 2019

more value, less risk

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111 Pine St, Suite 1315 | San Francisco | CA | 94111  
TEL: (415) 981-9430 | FAX: (415) 941-9434

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Mountain View Whisham School District  
Student Facilities Improvement Plan Update  
Mountain View, California



Masterplan Budget Plan  
September 30, 2019

#### BASIS OF ESTIMATE

##### REFERENCE DOCUMENTATION

This Construction Cost Estimate was produced from the following documentation. Design and engineering changes occurring subsequent to the issue of these documents have not been incorporated in this estimate.

##### Document

- SFIP Update-2019\_PROJECTS\_16 Sep 19\_v2

##### BASIS FOR PRICING

This estimate reflects the fair construction value for this project and should not be construed as a prediction of low bid. Prices are based on local prevailing wage construction costs at the time the estimate was prepared. Pricing assumes a procurement process with competitive bidding for all sub-trades of the construction work, which is to mean a minimum of 3 bids for all subcontractors and materials/equipment suppliers. If fewer bids are solicited or received, prices can be expected to be higher.

Subcontractor's markups have been included in each line item unit price. Markups cover the cost of field overhead, home office overhead and subcontractor's profit. Subcontractor's markups typically range from 15% to 25% of the unit price depending on market conditions.

General Contractor's/Construction Manager's Site Requirement costs are calculated on a percentage basis. General Contractor's/Construction Manager's Jobsite Management costs are also calculated on a percentage basis.

Site Requirements	5.0%
Jobsite Management	10.0%
Phasing	0.0%

General Contractor's/Construction Manager's overhead and fees are based on a percentage of the total direct costs plus general conditions, and covers the contractor's bond, insurance, site office overheads and profit.

Insurance & Bonding	2.5%
General Contractor Bonding	
Sub-Contractor Bonding	
OSIP	

Fee (G.C. Profit)	5.0%
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Unless identified otherwise, the cost of such items as overtime, shift premiums and construction phasing are not included in the line item unit price.

This cost estimate is based on standard industry practice, professional experience and knowledge of the local construction market costs. TBD Consultants have no control over the material and labor costs, contractors methods of establishing prices or the market and bidding conditions at the time of bid. Therefore TBD Consultants do not guarantee that the bids received will not vary from this cost estimate.

##### CONTINGENCY

Design Contingency	15.0%
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The Design Contingency is carried to cover scope that lacks definition and scope that is *anticipated* to be added to the Design. As the Design becomes more complete the Design Contingency will reduce.

Construction Contingency	10.0%
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The Construction Contingency is carried to cover the unforeseen during construction execution and Risks that do not currently have mitigation plans. As Risks are mitigated, Construction Contingency can be reduce, but should not be eliminated.

Soft Costs	30.0%
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An owners contingency has not been included in this construction cost estimate, but it is advised that the owner carry additional contingency to cover scope change, bidding conditions, claims and delays.



**BASIS OF ESTIMATE**

**ESCALATION**

Escalation is included to October 2024 at the following per annum escalation rates:

<b>Escalation:</b>	33.82%
Year 0 - 1	6.00%
Year 1 - 2	6.00%
Year 2 - 3	6.00%
Year 3 - 4	6.00%
Year 4 - 5	6.00%
Beyond 5 Years	6.00%

This calculation does not account for adverse bidding conditions and a separate Bid Contingency should be carried if there are limited qualified bidders or if a market research study indicates.

**EXCLUSIONS**

- Land acquisition, feasibility studies, financing costs and all other owner costs
- All professional fees and insurance
- Site surveys, existing condition reports and soils investigation costs
- Items identified in the design as Not In Contract (NIC)
- Hazardous materials investigations and abatement
- Utility company back charges, including work required off-site and utilities rates
- Work to City streets and sidewalks
- Items defined as Vendor / Owner supplied and Vendor / Owner installed
- Permits
- Owners contingency
- Overtime, 2nd shift and lost productivity premiums
- Design Fees
- PG & E Fees
- Sustainability Fees (LEED)
- Furniture, fixtures and equipment (FF&E)



**KEY CRITERIA**

**AREA TABULATION**

AREAS	
Bubb Elementary School	36,955 SF
Huff Elementary School	35,677 SF
Landels Elementary School	35,232 SF
Mistral Elementary School	29,116 SF
Castro Elementary School	35,804 SF
Monta Loma Elementary School	40,379 SF
Stevenson Elementary School	32,079 SF
Theuerkauf Elementary School	37,969 SF
Vargas Elementary School	25,488 SF
Crittenden Elementary School	106,781 SF
Graham Elementary School	84,173 SF
Latham Elementary School	5,760 SF
<b>TOTAL AREA</b>	<b>505,413 SF</b>





EXECUTIVE SUMMARY

	GSF	\$ / SF	TOTAL	COMMENTS
<b>PROJECT COSTS INCLUDING MARKUPS &amp; SOFT COSTS</b>				
BUBB ELEMENTARY SCHOOL	36,955 GSF	\$767.41	28,359,647	
HUFF ELEMENTARY SCHOOL	35,677 GSF	\$630.50	22,494,254	
LANDELS ELEMENTARY SCHOOL	35,232 GSF	\$822.42	28,975,420	
MISTRAL ELEMENTARY SCHOOL	29,116 GSF	\$788.20	22,949,282	
CASTRO ELEMENTARY SCHOOL	35,804 GSF	\$260.92	9,341,841	
MONTA LOMA ELEMENTARY SCHOOL	40,379 GSF	\$744.70	30,070,362	
STEVENSON ELEMENTARY SCHOOL	32,079 GSF	\$271.80	8,719,231	
THEUERKAUF ELEMENTARY SCHOOL	37,969 GSF	\$1,026.75	38,984,532	
VARGAS ELEMENTARY SCHOOL	25,488 GSF	\$141.25	3,600,265	
CRITTENDEN ELEMENTARY SCHOOL	106,781 GSF	\$616.45	65,824,902	
GRAHAM ELEMENTARY SCHOOL	84,173 GSF	\$607.23	51,112,751	
LATHAM ELEMENTARY SCHOOL	5,760 GSF	\$293.93	1,693,022	
<b>TOTAL CONSTRUCTION COST</b>	<b>505,413 GSF</b>	<b>\$617.57</b>	<b>312,125,509</b>	

Mountain View Whisham School District  
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Masterplan Budget Plan  
 September 30, 2019

MAJOR CONSTRUCTION COST SUMMARY

PROJECT	TOTAL	BUBB	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	THEUERKAUF	VARGAS	CRITTENDEN	GRAHAM	LATHAM
1 REPLACE HVAC	8,078,904	719,200	683,616	692,816	789,592	980,256	61,500	973,450	2,095,192	1,274,816	345,800	63,000	
1 FENCES AND GATES - ORNAMENTAL	668,426	80,000		76,000	100,000				142,500				
1 FENCES AND GATES - CHAIN LINK	346,000	108,250		90,750					1,080,400				
1 FENCING/ROOFING/PARKING	3,003,800			1,200,400									
1 COLLABORATIVE/INSTRUCTIONAL SPACES	4,488,232	2,348,520		2,118,812									
1 SHADE STRUCTURE	4,026,500		562,500		562,500	562,500	562,500	562,500					102,000
1 USHTHS	236,250												
1 PLAYGROUND K	613,750				133,700				348,450				
1 NEW ASPHALT OVERLAY	220,600				220,600								
1 ADMIN/EXTENDED CARE EXPANSION	4,081,000					1,485,000		827,000					484,000
1 WOODRIZEE LOW RISE BLDG	1,022,000				1,122,000								
1 STORAGE	715,000					357,500							
1 COLLABORATIVE SPACES AT LIBRARY	1,618,615							1,618,615					
1 UTILITY SURVEY	2,818,000							2,818,000					
1 PLUMBING REPAIRS	43,000												
1 PLUMBING REPAIRS	1,075,000												
1 OUTDOOR LANDSCAPED AREAS	2,511,400												
1 LANDSCAPE - COURTYARDS	2,526,213							2,197,750				1,803,076	323,700
1 UTILITY SURVEY	48,000								48,000				
1 PLUMBING REPAIRS	1,200,000								1,200,000				
1 LOCKER ROOM MODERNIZATION/REPLACEMENT	2,346,500												2,346,500
1 NEW P.E. CLASSROOM	600,000												600,000
1 FRONTAGE IMPROVEMENT	2,691,800												2,691,800
1 TERRACE/PAVING	85,000												85,000
1 MULTIMEDIA CENTER/REPLACEMENT	3,304,000												3,304,000
1 SECURITY SYSTEM UPGRADE - PA	15,000												15,000
1 DRINKING FOUNTAINS	30,000												30,000
1 CLASSROOM MODERNIZATION	1,759,800												1,759,800
1 SETS ACCESSIBILITY	51,000												51,000
1 PLAY CLUSTER	77,000												77,000
<b>SUBTOTAL PROJECT 1</b>	<b>58,774,849</b>	<b>4,085,620</b>	<b>1,346,116</b>	<b>6,862,778</b>	<b>2,672,063</b>	<b>1,869,506</b>	<b>1,773,871</b>	<b>2,801,750</b>	<b>4,609,674</b>	<b>841,500</b>	<b>11,294,117</b>	<b>5,716,091</b>	<b>647,200</b>
2 USHTHS	542,500		271,000		269,500								
2 NEW ASPHALT OVERLAY	846,250		348,250		397,000								
2 UTILITY SURVEY	345,700		48,000		96,400								
2 TECHNOLOGY UPGRADE	478,250		65,000		42,375				36,250				
2 OUTDOOR LEARNING CLASSROOM	3,891,900		1,561,250		1,268,400			1,100,900					
2 FENCES & GATES - ORNAMENTAL	381,200			76,200					88,000				
2 MULTIMEDIA CENTER	389,072				389,072								
2 OUTDOOR LANDSCAPED SPACES	2,421,225		1,331,860		1,189,275								
2 PEDESTALIA TRAIL	61,700				61,700								
2 DRINKING FOUNTAINS	20,000												
2 STAFF PARKING	272,800												
2 LIBRARY MODERNIZATION/EXPANSION	1,889,725							74,100	198,000				
2 COLLABORATIVE/INSTRUCTIONAL SPACES	313,588							429,000	313,588				
2 STORAGE EXPANSION	460,000												
2 CLASSROOM MODERNIZATION	879,275												
2 BUILDING STRUCTURAL UPGRADE	2,140,000												
2 ELECTRICAL UPGRADE	340,000												
2 PLUMBING REPAIRS	2,140,000												
2 SHADE STRUCTURE	1,126,000									562,500			1,185,000
2 LANDSCAPE - COURTYARDS	2,731,750												2,731,750
2 ROOF REPAIR	2,258,967												824,887
2 RESTROOM MODERNIZATION	476,750					873,460							537,670
2 GYM MODERNIZATION	7,300,000												7,300,000
2 LOCKER ROOM MODERNIZATION													see gym modernization
<b>SUBTOTAL PROJECT 2</b>	<b>37,438,407</b>	<b>2,228,000</b>	<b>2,072,025</b>	<b>1,716,477</b>	<b>2,261,716</b>	<b>562,100</b>	<b>1,712,538</b>	<b>590,000</b>	<b>5,664,970</b>	<b>562,500</b>	<b>10,897,240</b>	<b>6,184,574</b>	<b>13,000</b>
3 ROOF REPAIR	1,341,262		214,000		295,250				236,250				227,571
3 WINDOW REPLACEMENT	13,045,000		1,375,000		1,330,000			1,500,000			1,616,000		2,465,000
3 UTILITY NETWORK REPAIRS	4,003,000		733,000		597,000			660,000			480,000		320,000
3 RESTROOM MODERNIZATION/EXPANSION	794,170		103,100		103,400			103,300			124,200		252,425
3 PLAYGROUND K	315,450		167,880		147,560								
3 PLAYGROUND I-S	602,800		211,200		280,800								
3 ADMIN/EXTENDED CARE EXPANSION	2,975,000		1,495,000		1,495,000								130,600
3 DRINKING FOUNTAIN	20,000				20,000								
3 FENCES AND GATES ORNAMENTAL	330,400				183,000				51,900				
3 COLLABORATIVE/INSTRUCTIONAL SPACES	1,881,060				1,881,060								118,500
3 COVERED WALKWAY	620,000								620,000				
3 SHADE STRUCTURE	662,500												
3 CLASSROOM STORAGE EXPANSION	21,800												21,800
3 SPOKE REINFORCING	300,000												300,000
3 MULTIMEDIA CENTER/UPGRADE	78,500												78,500



MAJOR CONSTRUCTION COST SUMMARY

PROJECT/PROJECT	TOTAL	BUBB	KUFF	LANDLEI	MIRAL	CASTRO	MONTALOMA	STEVENSON	TRIMMERKRAUF	VARGAS	CHITENDEN	GRAHAM	LATHAM	
1 LANDSCAPE - CAMPUS FRONTAGE	999,000								999,000					
3 SIGNAGE - CAMPUS FRONTAGE	86,000											86,000		
3 PICKUP/DROPOFF PARKING	886,000												886,000	
5 CLASSROOM MODERNIZATION													187,000	
<b>SUBTOTAL PRIORITY 3</b>	<b>28,866,122</b>	<b>4,200,269</b>	<b>4,353,573</b>	<b>2,199,323</b>	<b>3,682,200</b>	<b>1,246,600</b>	<b>2,167,070</b>	<b>78,500</b>	<b>3,361,566</b>	<b>2,674,365</b>	<b>4,587,846</b>			
4 PEDESTRIAN TRAIL	52,200	62,900												
4 COURTESY WALKWAY	2,642,000	400,000			483,000	332,500		133,000					444,000	
4 PICKUP/DROPOFF PARKING	470,000													
4 NEW ASPHALT DRIVEWAY	216,700													
4 RESTROOM MODERNIZATION	237,000								214,700					
4 PLAYFIELD RAIL UPGRADE	25,000								237,000					
4 AUDITORIUM SYSTEMS UPGRADE	30,000									25,000				
4 PLAYERS/ENG - RELOCATE W/EE ENCLOSURE	30,000										30,000			
<b>SUBTOTAL PRIORITY 4</b>	<b>3,971,450</b>	<b>472,250</b>	<b>1,100,000</b>	<b>483,000</b>	<b>332,500</b>	<b>133,000</b>	<b></b>	<b>451,700</b>	<b>225,000</b>	<b>474,000</b>	<b></b>	<b></b>	<b></b>	
TBD SOLAR PANELS	TBD													
TBD ELECTRICAL UPGRADE	624,000								624,000					
TBD STRUCTURAL UPGRADE	348,750									348,750				
<b>SUBTOTAL PRIORITY TBD</b>	<b>624,000</b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	<b>624,000</b>	<b>348,750</b>	<b></b>	<b></b>	<b></b>	
<b>PROJECT COSTS</b>	<b>121,719,908</b>	<b>11,099,649</b>	<b>8,772,114</b>	<b>11,269,342</b>	<b>6,948,592</b>	<b>3,663,600</b>	<b>11,728,579</b>	<b>3,480,250</b>	<b>15,292,838</b>	<b>1,684,000</b>	<b>25,969,824</b>	<b>19,922,997</b>	<b>693,220</b>	
5% SITE REQUIREMENTS	5,076,000	302,972	408,666	566,876	447,478	182,163	566,120	170,013	760,142	70,200	1,263,491	966,625	33,012	
10% JOBITE MANAGEMENT	12,172,000	1,109,548	877,211	1,123,668	884,954	364,305	1,172,668	340,028	1,920,285	148,400	2,566,982	1,993,251	66,523	
<b>ESTIMATE SUB-TOTAL</b>	<b>139,077,897</b>	<b>12,718,266</b>	<b>10,067,991</b>	<b>12,956,520</b>	<b>10,291,386</b>	<b>4,189,508</b>	<b>13,463,566</b>	<b>3,910,288</b>	<b>17,483,277</b>	<b>1,874,800</b>	<b>29,530,298</b>	<b>22,822,383</b>	<b>739,245</b>	
INSURANCE - BONDING	2,500,000	317,859	252,188	324,863	207,300	104,738	337,138	97,797	437,082	43,365	738,007	673,000	18,982	
FEES	6,940,000	810,918	626,397	468,728	814,600	209,470	474,278	180,516	874,164	80,750	1,479,010	1,146,110	87,940	
<b>ESTIMATE SUB-TOTAL</b>	<b>195,078,447</b>	<b>13,877,244</b>	<b>11,944,284</b>	<b>13,866,109</b>	<b>11,601,866</b>	<b>4,503,721</b>	<b>14,468,882</b>	<b>4,202,569</b>	<b>19,784,517</b>	<b>1,738,815</b>	<b>31,748,320</b>	<b>24,641,592</b>	<b>819,209</b>	
DESIGN CONTINGENCY	15.0%	22,271,422	2,059,837	1,628,679	2,065,366	1,059,684	1,755,658	2,174,647	630,634	2,818,178	263,354	4,760,148	3,664,254	122,431
CONSTRUCTION CONTINGENCY	10.0%	15,547,858	1,387,224	1,084,463	1,386,911	1,108,100	1,450,372	1,448,699	420,109	1,678,462	175,570	3,173,432	2,464,159	81,621
SOFT COSTS	30.0%	45,145,964	4,101,673	3,203,368	4,100,720	3,316,189	1,911,116	4,349,095	5,208,217	630,709	6,920,266	7,954,469	246,963	
<b>ESTIMATE SUB-TOTAL</b>	<b>232,238,228</b>	<b>21,191,878</b>	<b>16,808,818</b>	<b>21,652,120</b>	<b>17,149,829</b>	<b>6,969,787</b>	<b>22,678,228</b>	<b>6,515,517</b>	<b>29,131,519</b>	<b>2,899,237</b>	<b>41,188,198</b>	<b>36,194,421</b>	<b>1,265,124</b>	
ESCALATION	33.0%	78,887,171	7,167,869	5,699,239	7,323,301	5,800,244	2,361,074	7,600,008	2,203,714	9,853,022	908,937	16,638,768	12,918,930	427,697
<b>ESTIMATE TOTAL</b>	<b>312,125,598</b>	<b>28,259,647</b>	<b>23,498,254</b>	<b>28,975,420</b>	<b>32,699,288</b>	<b>6,261,241</b>	<b>36,916,260</b>	<b>8,170,321</b>	<b>38,984,532</b>	<b>3,808,265</b>	<b>49,936,920</b>	<b>51,112,521</b>	<b>1,692,823</b>	



BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 36,955

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC allowance serving Bldg 1, 3, 4 and 5, assume new rooftop units, replace ductwork and diffusers as necessary, disconnect and reconnect services and electrical	22,480	SF	32.00	719,360	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>719,360</b>	<b>32 \$/SF</b>
8							
9		<b>Fences And Gates - Ornamental</b>					
10							
11		Demo existing	1	LS	3,000.00	3,000	
12		Ornamental fence	425	LF	200.00	85,000	8ft
13		Gates	2	EA	5,000.00	10,000	pedestrian
14							
15							
16	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>98,000</b>	
17							
18		<b>Fences And Gates - Chain Link</b>					
19							
20		Demo existing	1	LS	6,000.00	6,000	
21		Chain link fence	1,150	LF	75.00	86,250	
22		Gates	2	EA	3,500.00	7,000	pedestrian
23		Gates	1	EA	10,000.00	10,000	vehicular
24							
25							
26	1	<b>FENCES AND GATES - CHAIN LINK</b>				<b>109,250</b>	
27							
28		<b>Pickup/Dropoff, Parking</b>					
29							
30		Demolition of existing	35,000	SF	1.00	35,000	
31		Rough and fine grading, allow	35,000	SF	0.50	17,500	
32		New hardscape - concrete/asphalt	24,500	SF	12.00	294,000	70%
33		Allow for curbs, striping, signage, wheel stops etc	1	LS	65,000.00	65,000	
34		Softscape - allow for minimal trees/shrubs	10,500	SF	15.00	157,500	30%
35		Drainage	35,000	SF	2.50	87,500	
36		Irrigation	10,500	SF	3.00	31,500	
37		Lighting	35,000	SF	3.00	105,000	
38							
39							
40	1	<b>PICKUP/DROPOFF, PARKING</b>				<b>793,000</b>	<b>23 \$/SF</b>
41							
42		<b>Collaborative Instructional Spaces</b>					
43							
44		Remove partitions to accommodate for operable walls, including hazmat allowance	120	LF	75.00	9,000	
45		Structural work allowance	1	LS	20,000.00	20,000	at dividing walls only
46		New operable walls	120	LF	1,800.00	216,000	
47		Cut & patch interiors at renovated walls	120	LF	120.00	14,400	as required at disturbed areas along wall, excludes new classroom finishes
48		MEP reconfiguration allowance	22,480	SF	4.00	89,920	
49		New construction/expansion for breakout spaces	4,000	SF	500.00	2,000,000	
50							
51							
52	1	<b>COLLABORATIVE INSTRUCTIONAL SPACES</b>				<b>2,349,320</b>	<b>89 \$/SF</b>
53							
54		<b>Lighting</b>					
55							
56		Install site lighting in parking and playground areas	156,000	SF	1.50	234,000	for safety/security
57		Remove existing	156,000	SF	0.25	39,000	
58							



BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 36,955

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
59							
60	2	LIGHTING				273,000	2 \$/SF
61							
62		<u>New Asphalt Overlay</u>					
63							
64		Demolish existing	63,500	SF	1.00	63,500	
65		Asphalt overlay of existing playground (pedestrian use)	63,500	SF	4.50	285,750	
66							
67							
68	2	NEW ASPHALT OVERLAY				349,250	6 \$/SF
69							
70		<u>Utility Survey</u>					
71							
72		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	244,500	SF	0.20	48,900	
73							
74							
75	2	UTILITY SURVEY				48,900	0 \$/SF
76							
77		<u>Technology Upgrade</u>					
78							
79		Replace fiber optic and copper cable networks from MDF bldg 2 to Bldgs. 1,3, 4,5,6, MUR, P1, reuse existing raceways as necessary, replace if needed	2,220	LF	25.00	55,500	
80							
81							
82	2	TECHNOLOGY UPGRADE				55,500	
83							
84		<u>Outdoor Learning Classroom</u>					
85							
86		Demolition	35,100	SF	1.00	35,100	
87		Rough and fine grading, allow	35,100	SF	0.50	17,550	
88		New hardscape	17,550	SF	35.00	614,250	50%
89		New softscape	17,550	SF	15.00	263,250	50%
90		Drainage	35,100	SF	2.50	87,750	
91		Irrigation	17,550	SF	3.00	52,650	
92		Allow for site furnishings - benches, seatwalls, tables etc)	35,100	SF	5.00	175,500	
93		Shade feature, allow	1	LS	150,000.00	150,000	allowance
94		Electric/data connections	35,100	SF	1.00	35,100	
95		Lighting	35,100	SF	2.00	70,200	
96							
97							
98	2	OUTDOOR LEARNING CLASSROOM				1,501,350	43 \$/SF
99							
100		<u>Roof Repair</u>					
101							
102		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	30,667	SF	7.00	214,669	Not a roof replacement
103							
104							
105	3	ROOF REPAIR				214,669	7 \$/SF
106							
107		<u>WINDOW REPLACEMENT</u>					
108							
109		Replace existing glass windows with thermal insulating glass	1	LS	1,375,000.00	1,375,000	remove and replace - allowance
110							
111							
112	3	WINDOW REPLACEMENT				1,375,000	



BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 36,955

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
113							
114		<u>Utility Network Repairs</u>					
115							
116		Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines.	244,500	SF	3.00	733,500	
117							
118							
119	3	UTILITY NETWORK REPAIRS				733,500	3 \$/SF
120							
121		<u>Restroom Modernization</u>					
122							
123		Remove and replace wall finishes	2,300	SF	25.00	57,500	
124		Remove and replace ceiling finishes	1,520	SF	30.00	45,600	
125		Fixtures, walls tiles and partitions					No work required
126		Misc. MEP rework/reconfiguration					No work required
127							
128							
129	3	RESTROOM MODERNIZATION				103,100	68 \$/SF
130							
131		<u>Playground K</u>					
132							
133		Demolish existing	3,800	SF	1.00	3,800	
134		Rough and fine grading, allow	3,800	SF	0.50	1,900	
135		Tot turf	3,800	SF	18.00	68,400	
136		Drainage	3,800	SF	2.50	9,500	
137		Irrigation	3,800	SF	3.00	11,400	
138		Lighting	3,800	SF	3.00	11,400	
139		Play equipment allowance	1	LS	50,000.00	50,000	
140		Miscellaneous site benches, furnishings etc	3,800	SF	3.00	11,400	
141							
142							
143	3	PLAYGROUND K				167,800	44 \$/SF
144							
145		<u>Playground 1-5</u>					
146							
147		Demolish existing	5,200	SF	1.00	5,200	
148		Rough and fine grading, allow	5,200	SF	0.50	2,600	
149		Tot turf	5,200	SF	18.00	93,600	
150		Drainage	5,200	SF	2.50	13,000	
151		Irrigation	5,200	SF	3.00	15,600	
152		Lighting	5,200	SF	3.00	15,600	
153		Play equipment allowance	1	LS	50,000.00	50,000	
154		Miscellaneous site benches, furnishings etc	5,200	SF	3.00	15,600	
155							
156							
157	3	PLAYGROUND 1-5				211,200	41 \$/SF
158							
159		<u>Admin/Extended Care Expansion</u>					
160							
161		New building allowance	2,700	SF	550.00	1,485,000	
162							
163							
164	3	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
165							
166		<u>Pedestrian Trail</u>					
167							
168		Demolish existing	5,500	SF	1.00	5,500	
169		Rough and fine grading, allow	5,500	SF	0.50	2,750	
170		Decomposed granite trail	5,500	SF	8.00	44,000	
171							
172							
173	4	PEDESTRIAN TRAIL				52,250	10 \$/SF





**BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL**

GSF : 36,955

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
174							
175		<u>Covered Walkway</u>					
176							
177		Repair/reroof 50% of covered area as needed	12,000	SF	35.00	420,000	no work to walkway required
178							
179							
180	4	<b>COVERED WALKWAY</b>				<b>420,000</b>	<b>35 \$/SF</b>
181							
182		<u>Solar Panels</u>					Under District Study - excluded
183							
184							
185	TBD	<b>SOLAR PANELS</b>					



**HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL**

GSF : 35,677

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<u>Replace HVAC</u>					
3							
4		New HVAC allowance serving Bldg 2, 3, 4 and 5, assume new rooftop units, replace ductwork and diffusers as necessary, disconnect and reconnect services and electrical	21,363	SF	32.00	683,616	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>683,616</b>	<b>32 \$/SF</b>
8							
9		<u>Shade Structure</u>					
10							
11		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
12							
13							
14	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
15							
16		<u>Fences &amp; Gates - Ornamental</u>					
17							
18		Demo existing	1	LS	200.00	200	
19		Ornamental fence	330	LF	200.00	66,000	8'ht
20		Gates	2	EA	5,000.00	10,000	pedestrian
21							
22							
23	2	<b>FENCES &amp; GATES - ORNAMENTAL</b>				<b>76,200</b>	
24							
25		<u>Lighting</u>					
26							
27		Low level perimeter area (safety) lighting around parking, walkways, playground, driveways	154,000	SF	1.50	231,000	for safety/security
28		Remove existing	154,000	SF	0.25	38,500	
29							
30							
31	2	<b>LIGHTING</b>				<b>269,500</b>	<b>2 \$/SF</b>
32							
33		<u>New Asphalt Overlay</u>					
34							
35		Asphalt overlay of existing playground (pedestrian use)	54,000	SF	4.50	243,000	
36		Demolish existing	54,000	SF	1.00	54,000	
37							
38	2	<b>NEW ASPHALT OVERLAY</b>				<b>297,000</b>	<b>6 \$/SF</b>
39							
40		<u>Utility Survey</u>					
41							
42		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	277,000	SF	0.20	55,400	
43							
44							
45	2	<b>UTILITY SURVEY</b>				<b>55,400</b>	
46							
47		<u>Technology Upgrade</u>					
48							
49		Replace fiber optic and copper cable networks from MDF bldg 1 to Bldgs 2,3, 4,5,6, reuse existing raceways as necessary, replace if needed	1,695	LF	25.00	42,375	
50							
51							
52	2	<b>TECHNOLOGY UPGRADE</b>				<b>42,375</b>	
53							
54		<u>Outdoor Landscaped Spaces</u>					



HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,677

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
55							
56		Demolition	30,700	SF	1.00	30,700	
57		Rough and fine grading, allow	30,700	SF	0.50	15,350	
58		New hardscape	15,350	SF	35.00	537,250	50%
59		New softscape	15,350	SF	15.00	230,250	50%
60		Drainage	30,700	SF	2.50	76,750	
61		Irrigation	15,350	SF	3.00	46,050	
62		Allow for site furnishings - benches, seatwalls, tables etc)	30,700	SF	5.00	153,500	
63		Shade feature, allow	1	LS	150,000.00	150,000	allowance
64		Electric/data connections	30,700	SF	1.00	30,700	
65		Lighting	30,700	SF	2.00	61,400	
66							
67							
68	2	<b>OUTDOOR LANDSCAPED SPACES</b>				<b>1,331,950</b>	<b>43 \$/SF</b>
69		<u>Roof Repair</u>					
70							
71							
72		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	29,389	SF	7.00	205,723	Not a roof replacement
73							
74							
75	3	<b>ROOF REPAIR</b>				<b>205,723</b>	<b>7 \$/SF</b>
76		<u>WINDOW REPLACEMENT</u>					
77							
78							
79		Replace existing glass windows with thermal insulating glass	1	LS	1,320,000.00	1,320,000	remove and replace - allowance
80							
81							
82	3	<b>WINDOW REPLACEMENT</b>				<b>1,320,000</b>	
83		<u>Utility Network Repairs</u>					
84							
85							
86		Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines	277,000	SF	3.00	831,000	
87							
88							
89	3	<b>UTILITY NETWORK REPAIRS</b>				<b>831,000</b>	<b>3 \$/SF</b>
90		<u>Restroom Modernization</u>					
91							
92							
93		Remove and replace wall finishes	2,300	SF	25.00	57,500	
94		Remove and replace ceiling finishes	1,530	SF	30.00	45,900	
95		Fixtures, walls tiles and partitions					No work required
96		Misc. MEP rework/reconfiguration					No work required
97							
98							
99	3	<b>RESTROOM MODERNIZATION</b>				<b>103,400</b>	<b>68 \$/SF</b>
100		<u>Playground K</u>					
101							
102		Demolish existing	3,150	SF	1.00	3,150	
103		Rough and fine grading, allow	3,150	SF	0.50	1,575	
104		Tot turf	3,150	SF	18.00	56,700	
105		Drainage	3,150	SF	2.50	7,875	
106		Irrigation	3,150	SF	3.00	9,450	
107		Lighting	3,150	SF	3.00	9,450	
108		Play equipment allowance	1	LS	50,000.00	50,000	
109		Miscellaneous site benches, furnishings etc	3,150	SF	3.00	9,450	
110							
111							
112							
113	3	<b>PLAYGROUND K</b>				<b>147,650</b>	<b>47 \$/SF</b>
114		<u>Playground 1-5</u>					
115							



HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,677

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
116							
117		Demolish existing	6,800	SF	1.00	6,800	
118		Rough and fine grading, allow	6,800	SF	0.50	3,400	
119		Tot turf	6,800	SF	18.00	122,400	
120		Drainage	6,800	SF	2.50	17,000	
121		Irrigation	6,800	SF	3.00	20,400	
122		Lighting	6,800	SF	3.00	20,400	
123		Play equipment allowance	1	LS	50,000.00	50,000	
123		Miscellaneous site benches, furnishings etc	6,800	SF	3.00	20,400	
124							
126							
127	3	<b>PLAYGROUND 1-5</b>				<b>260,800</b>	<b>38 \$/SF</b>
128		<u>Admin/Extended Care Expansion</u>					
129							
130							
131		New building allowance	2,700	SF	550.00	1,485,000	
132							
133							
134	3	<b>ADMIN/EXTENDED CARE EXPANSION</b>				<b>1,485,000</b>	<b>550 \$/SF</b>
135		<u>Pickup/Dropoff, Parking</u>					
136							
137							
138		Demolition of existing	18,800	SF	1.00	18,800	
139		Rough and fine grading, allow	18,800	SF	0.50	9,400	
140		Reconfigure, restripe and improve landscaping and pathways	18,800	SF	15.00	282,000	
141		Drainage	18,800	SF	2.50	47,000	
142		Irrigation	18,800	SF	3.00	56,400	
143		Lighting	18,800	SF	3.00	56,400	
144							
145							
146	4	<b>PICKUP/DROPOFF, PARKING</b>				<b>470,000</b>	<b>25 \$/SF</b>
147		<u>Covered Walkway</u>					
148							
149							
150		Repair/reroof 50% of covered area as needed	18,000	SF	35.00	630,000	no work to walkway required
151							
152							
153	4	<b>COVERED WALKWAY</b>				<b>630,000</b>	<b>35 \$/SF</b>
154		<u>Solar Panels</u>					
155							Under District Study - excluded
156							
157							
158	TBD	<b>SOLAR PANELS</b>					



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC allowance serving Bldg 2, 3, 4 and 5, assume new rooftop units, replace ductwork and diffusers as necessary, disconnect and reconnect services and electrical	21,363	SF	32.00	683,616	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>683,616</b>	<b>32 \$/SF</b>
8							
9		<b>Fences And Gates - Ornamental</b>					
10							
11		Demo existing	1	LS	2,000.00	2,000	
12		Ornamental fence	220	LF	200.00	44,000	8'ht
13		Gates	2	EA	5,000.00	10,000	pedestrian
14		Gates	1	EA	20,000.00	20,000	vehicular
15							
16							
17	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>76,000</b>	
18							
19		<b>Fences And Gates - Chain Link</b>					
20							
21		Demo existing	1	LS	5,000.00	5,000	
22		Chain link fence	870	LF	75.00	65,250	8'ht
23		Gates	3	EA	3,500.00	10,500	pedestrian
24		Gates	1	EA	10,000.00	10,000	vehicular
25							
26							
27	1	<b>FENCES AND GATES - CHAIN LINK</b>				<b>90,750</b>	
28							
29		<b>Pickup/Dropoff, Parking</b>					
30							
31		Demolition of existing	47,000	SF	1.00	47,000	
32		Rough and fine grading, allow	47,000	SF	0.50	23,500	
33		New hardscape - assume concrete	42,300	SF	16.00	676,800	90%
34		Allow for curbs, striping, signage	1	LS	110,000.00	110,000	
35		Softscape - allow for minimal trees/shrubs	4,700	SF	15.00	70,500	10%
36		Drainage	47,000	SF	2.50	117,500	
37		Irrigation	4,700	SF	3.00	14,100	
38		Lighting	47,000	SF	3.00	141,000	
39							
40							
41	1	<b>PICKUP/DROPOFF, PARKING</b>				<b>1,200,400</b>	<b>26 \$/SF</b>
42							
43		<b>Collaborative Instructional Spaces</b>					
44							
45		Remove partitions to accommodate for operable walls	108	LF	75.00	8,100	
46		Structural work allowance	1	LS	18,000.00	18,000	at dividing walls only
47		New operable walls	108	LF	1,800.00	194,400	
48		Cut & patch interiors at renovated walls	108	LF	120.00	12,960	as required at disturbed areas along wall, excludes new classroom finishes
49		MEP reconfiguration allowance	21,363	SF	4.00	85,452	
50		New expansion for breakout spaces	3,600	SF	500.00	1,800,000	
51							
52							
53	1	<b>COLLABORATIVE INSTRUCTIONAL SPACES</b>				<b>2,118,912</b>	<b>85 \$/SF</b>
54							
55		<b>Lighting</b>					
56							
57		Install site lighting in parking and playground areas, front pickup/drop-off/parking, side parking, playground	135,000	SF	1.50	202,500	for safety/security
58		Remove existing	135,000	SF	0.25	33,750	
59							



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61	1	<b>LIGHTING</b>				<b>236,250</b>	<b>2 \$/SF</b>
62							
63		<b>Playground K</b>					
64							
65		Demolish existing	2,700	SF	1.00	2,700	
66		Rough and fine grading, allow	2,700	SF	0.50	1,350	
67		Tot turf	2,700	SF	18.00	48,600	
68		Drainage	2,700	SF	2.50	6,750	
69		Irrigation	2,700	SF	3.00	8,100	
70		Lighting	2,700	SF	3.00	8,100	
71		Play equipment allowance	1	LS	50,000.00	50,000	
72		Miscellaneous benches, furnishings etc	2,700	SF	3.00	8,100	
73							
74							
75	1	<b>PLAYGROUND K</b>				<b>133,700</b>	<b>50 \$/SF</b>
76							
77		<b>New Asphalt Overlay</b>					
78							
79		Demolish existing	58,300	SF	1.00	58,300	
80		Asphalt overlay of existing playground (pedestrian use)	58,300	SF	4.50	262,350	
81							
82							
83	1	<b>NEW ASPHALT OVERLAY</b>				<b>320,650</b>	<b>6 \$/SF</b>
84							
85		<b>Admin/Extended Care Expansion</b>					
86							
87		New building allowance	2,700	SF	550.00	1,485,000	
88							
89							
90	1	<b>ADMIN/EXTENDED CARE EXPANSION</b>				<b>1,485,000</b>	<b>550 \$/SF</b>
91							
92		<b>Shade Structure</b>					
93							
94		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
95							
96							
97	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
98							
99		<b>Utility Survey</b>					
100							
101		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	280,000	SF	0.20	56,000	
102							
103							
104	2	<b>UTILITY SURVEY</b>				<b>56,000</b>	
105							
106		<b>Technology Upgrade</b>					
107							
108		Replace fiber optic and copper cable networks from MDF bldg 1 to Bldgs 1, 3, 4, 5, 6 and MUR, reuse existing raceways as necessary, replace if needed	1,695	LF	25.00	42,375	
109							
110							
111	2	<b>TECHNOLOGY UPGRADE</b>				<b>42,375</b>	
112							
113		<b>MUR Modernization</b>					
114							
115		Allow for miscellaneous demolitions, including hazmat allowance	6,288	SF	9.00	56,592	assume minimal required
116		Structural work allowance	6,288	SF	5.00	31,440	assume minimal required
117		New operable walls	130	LF	1,800.00	234,000	





LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
118		Cut & patch interiors at renovated walls	130	LF	120.00	15,600	as required at disturbed areas along wall, excludes new classroom finishes
119		MEP allowance	6,288	SF	5.00	31,440	
120							
121							
122	2	<b>MUR MODERNIZATION</b>				<b>369,072</b>	<b>69 \$/SF</b>
123							
124		<u>Outdoor Landscaped Spaces</u>					
125							
126		Demolition	27,900	SF	1.00	27,900	
127		Rough and fine grading, allow	27,900	SF	0.50	13,950	
128		New hardscape	13,950	SF	35.00	488,250	50%
129		New softscape	13,950	SF	15.00	209,250	50%
130		Drainage	13,950	SF	2.50	34,875	
131		Irrigation	13,950	SF	3.00	41,850	
132		Allow for site furnishings - benches, seatwalls, tables etc)	27,900	SF	5.00	139,500	
133		Shade feature, allow	1	LS	150,000.00	150,000	allowance
134		Electric/data connections	27,900	SF	1.00	27,900	
135		Lighting	27,900	SF	2.00	55,800	
136							
137							
138	2	<b>OUTDOOR LANDSCAPED SPACES</b>				<b>1,189,275</b>	<b>43 \$/SF</b>
139							
140		<u>Pedestrian Trail</u>					
141							
142		Demolish existing	6,500	SF	1.00	6,500	
143		Rough and fine grading, allow	6,500	SF	0.50	3,250	
144		Decomposed granite trail	6,500	SF	8.00	52,000	
145							
146							
147	2	<b>PEDESTRIAN TRAIL</b>				<b>61,750</b>	<b>10 \$/SF</b>
148							
149		<u>Drinking Fountain</u>					
150							
151		Replace older drinking fountains with drinking stations	4	EA	5,000.00	20,000	
152							
153							
154	3	<b>DRINKING FOUNTAIN</b>				<b>20,000</b>	
155							
156		<u>Roof Repair</u>					
157							
158		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	28,944	SF	7.00	202,608	Not a roof replacement
159							
160							
161	3	<b>ROOF REPAIR</b>				<b>202,608</b>	<b>7 \$/SF</b>
162							
163		<u>WINDOW REPLACEMENT</u>					
164							
165		Replace existing glass windows with thermal insulating glass	1	LS	1,300,000.00	1,300,000	remove and replace - allowance
166							
167							
168	3	<b>WINDOW REPLACEMENT</b>				<b>1,300,000</b>	
169							
170		<u>Utility Network Repairs</u>					
171							
172		Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines.	280,000	SF	2.00	560,000	
173							
174							



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
175	3	<b>UTILITY NETWORK REPAIRS</b>				<b>560,000</b>	<b>2 \$/SF</b>



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
176							
177		<b>Restroom Modernization</b>					
178							
179		Remove and replace wall finishes	2,365	SF	25.00	59,125	
180		Remove and replace ceiling finishes	1,620	SF	30.00	48,600	
181		Fixtures, walls tiles and partitions					No work required
182		Misc. MEP rework/reconfiguration					No work required
183							
184							
185	3	<b>RESTROOM MODERNIZATION</b>				<b>107,725</b>	<b>66 \$/SF</b>
186							
187		<b>Covered Walkway</b>					
188							
189		Repair/reroof 50% of covered area as needed	13,800	SF	35.00	483,000	no work to walkway required
190							
191							
192	4	<b>COVERED WALKWAY</b>				<b>483,000</b>	
193							
194		<b>Solar Panels</b>					Under District Study - excluded
195							
196							
197	TBD	<b>SOLAR PANELS</b>					



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC allowance serving Bldg H, J, K, L, N, P, assume new rooftop units, replace ductwork and diffusers as necessary, disconnect reconnect services and electrical	24,956	SF	32.00	798,592	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>798,592</b>	<b>32 \$/SF</b>
8							
9		<b>Fences And Gates - Ornamental</b>					
10							
11		Demo existing	1	LS	4,000.00	4,000	
12		Ornamental fence	630	LF	200.00	126,000	8ft
13		Gates	4	EA	5,000.00	20,000	pedestrian
14		Gates	2	EA	20,000.00	40,000	vehicular
15							
16							
17	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>190,000</b>	
18							
19		<b>Modernize Admin Building</b>					
20							
21		Renovate within existing footprint, reconfigure walls/rooms, new FF&E, redo all bldg systems (HVAC, electrical/lighting, plumbing, security)	4,080	SF	275.00	1,122,000	
22							
23							
24	1	<b>MODERNIZE ADMIN BUILDING</b>				<b>1,122,000</b>	<b>275 \$/SF</b>
25							
26		<b>Shade Structure</b>					
27							
28		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
29							
30							
31	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
32							
33		<b>Roof Repair</b>					
34							
35		Replace built-up roofing, repair/replace roof membranes, flashings/collars, gutters/drains	24,956	SF	35.00	873,460	
36							
37							
38	2	<b>ROOF REPAIR</b>				<b>873,460</b>	<b>35 \$/SF</b>
39							
40		<b>Utility Survey</b>					
41							
42		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	212,000	SF	0.20	42,400	
43							
44							
45	2	<b>UTILITY SURVEY</b>				<b>42,400</b>	
46							
47		<b>Technology Upgrade</b>					
48							
49		Replace fiber optic and copper cable networks from MDF bldg N to Bldgs H, J, K, L, M, P, reuse existing raceways as necessary, replace if needed	1,450	LF	25.00	36,250	
50							
51							
52	2	<b>TECHNOLOGY UPGRADE</b>				<b>36,250</b>	



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53							
54		<b>Outdoor Learning Classroom</b>					
55							
56		Demolition	29,600	SF	1.00	29,600	
57		Rough and fine grading, allow	29,600	SF	0.50	14,800	
58		New hardscape	14,800	SF	35.00	518,000	50%
59		New softscape	14,800	SF	15.00	222,000	50%
60		Drainage	29,600	SF	2.50	74,000	
61		Irrigation	14,800	SF	3.00	44,400	
62		Allow for site furnishings - benches, seatwalls, tables etc)	29,600	SF	5.00	148,000	
63		Shade feature, allow	1	LS	150,000.00	150,000	allowance
64		Electric/data connections	29,600	SF	1.00	29,600	
65		Lighting	29,600	SF	2.00	59,200	
66							
67							
68	2	<b>OUTDOOR LEARNING CLASSROOM</b>				<b>1,289,600</b>	<b>44 \$/SF</b>
69							
70		<b>Drinking Fountains</b>					
71							
72		Replace older drinking fountains with drinking stations	4	EA	5,000.00	20,000	
73							
74							
75	2	<b>DRINKING FOUNTAINS</b>				<b>20,000</b>	
76							
77		<b>WINDOW REPLACEMENT</b>					
78							
79		Replace existing glass windows with thermal insulating glass	1	LS	1,120,000.00	1,120,000	
80							
81							
82	3	<b>WINDOW REPLACEMENT</b>				<b>1,120,000</b>	
83							
84		<b>FENCES AND GATES ORNAMENTAL</b>					
85							
86		Demo existing	1	LS	3,000.00	3,000	
87		Ornamental fence	600	LF	200.00	120,000	8'ht
88		Gates	6	EA	5,000.00	30,000	pedestrian
89							
90							
91	3	<b>FENCES AND GATES ORNAMENTAL</b>				<b>153,000</b>	
92							
93		<b>Collaborative Instructional Spaces</b>					
94							
95		Remove partitions to accommodate for operable walls, including hazmat allowance	96	LF	75.00	7,200	
96		Structural work allowance	1	LS	15,000.00	15,000	at dividing walls only
97		New operable walls	96	LF	1,800.00	172,800	
98		Cut & patch interiors at renovated walls	96	LF	120.00	11,520	as required at disturbed areas along wall, excludes new classroom finishes
99		MEP reconfiguration allowance	18,860	SF	4.00	75,440	
100		New expansion for breakout spaces	3,200	SF	500.00	1,600,000	
101							
102							
103	3	<b>COLLABORATIVE INSTRUCTIONAL SPACES</b>				<b>1,881,960</b>	<b>85 \$/SF</b>
104							
105		<b>Utility Network Repairs</b>					
106							
107		Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines	212,000	SF	2.00	424,000	
108							
109							
110	3	<b>UTILITY NETWORK REPAIRS</b>				<b>424,000</b>	<b>2 \$/SF</b>



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
111							
112		<b>Restroom Modernization</b>					
113							
114		Remove and replace wall finishes	2,500	SF	25.00	62,500	
115		Remove and replace ceiling finishes	1,360	SF	30.00	40,800	
116		Fixtures, walls tiles and partitions					No work required
117		Misc. MEP rework/reconfiguration					No work required
118							
119							
120	3	<b>RESTROOM MODERNIZATION</b>				<b>103,300</b>	<b>76 \$/SF</b>
121							
122		<b>Covered Walkway</b>					
123							
124		Repair/reroof 50% of covered area as needed	9,500	SF	35.00	332,500	no work to walkway required
125							
126							
127	4	<b>COVERED WALKWAY</b>				<b>332,500</b>	<b>35 \$/SF</b>
128							
129		<b>Solar Panels</b>					Under District Study - excluded
130							
131							
132	TBD	<b>SOLAR PANELS</b>					





CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,804

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<u>Admin Support Services</u>					
3							
4		New building allowance	2,700	SF	550.00	1,485,000	
5							
6							
7	1	ADMIN SUPPORT SERVICES				1,485,000	550 \$/SF
8							
9		<u>Storage</u>					
10							
11		New building allowance	1,300	SF	275.00	357,500	
12							
13							
14	1	STORAGE				357,500	275 \$/SF
15							
16		<u>Fences And Gates - Chain Link</u>					
17							
18		Demo existing	1	LS	2,500.00	2,500	
19		Chain link fence	500	LF	75.00	37,500	
20		Gates	2	EA	3,500.00	7,000	pedestrian
21		Gates	1	EA	10,000.00	10,000	vehicular
22							
23							
24	1	FENCES AND GATES - CHAIN LINK				57,000	
25							
26		<u>Staff Parking</u>					
27							
28		Demo existing	6,300	SF	1.00	6,300	
29		Rough and fine grade	6,300	SF	0.50	3,150	
30		New asphalt paving	6,300	SF	5.00	31,500	
31		Striping, curbs, wheel stops, signage	1	LS	8,000.00	8,000	
32		Lighting	6,300	SF	3.00	18,900	
33		Security	6,300	SF	1.00	6,300	
34							
35							
36	2	STAFF PARKING				74,150	12 \$/SF
37							
38		<u>Library Modernization/Expansion</u>					
39							
40		New library expansion	780	SF	550.00	429,000	
41							
42							
43	2	LIBRARY MODERNIZATION/EXPANSION				429,000	550 \$/SF
44							
45		<u>Fences And Gates - Ornamental</u>					
46							
47		Demo existing	1	LS	900.00	900	
48		Ornamental fence	180	LF	200.00	36,000	8'ht
49		Gates	3	EA	5,000.00	15,000	pedestrian
50							
51							
52	3	FENCES AND GATES - ORNAMENTAL				51,900	
53							
54		<u>Shade Structure</u>					
55							
56		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
57							
58							
59	3	SHADE STRUCTURE				562,500	125 \$/SF



CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,804

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61		<u>Covered Walkways</u>					
62							
63		New canopy over upper level walkways	5,200	SF	65.00	338,000	at 2nd level walkways
64		Columns to ground, including footings	30	EA	9,600.00	288,000	allowance
65							
66							
67	3	COVERED WALKWAYS				626,000	120 \$/SF



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC allowance serving Bldg A, B, C, D, F, G, H, L, M, N, P, assume new rooftop units, replace ductwork and diffusers as necessary, disconnect reconnect services and electrical	26,883	SF	32.00	860,256	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>860,256</b>	<b>32 \$/SF</b>
8							
9		<b>Fences And Gates - Chain Link</b>					
10							
11		Demo existing	1	LS	8,000.00	8,000	
12		Chain link fence	1,560	LF	75.00	117,000	
13		Gates	4	EA	3,500.00	14,000	pedestrian
14							
15							
16	1	<b>FENCES AND GATES - CHAIN LINK</b>				<b>139,000</b>	
17							
18		<b>Collaborative Spaces At Library</b>					
19							
20		Building renovation allowance - renovate existing computer lab, install maker lab/workroom utility services (plumbing, electrical, ventilation)	4,821	SF	315.00	1,518,615	
21							
22							
23	1	<b>COLLABORATIVE SPACES AT LIBRARY</b>				<b>1,518,615</b>	<b>315 \$/SF</b>
24							
25		<b>Playground K</b>					
26							
27		Demolish existing	2,600	SF	1.00	2,600	
28		Rough and fine grading, allow	2,600	SF	0.50	1,300	
29		Tot turf	2,600	SF	18.00	46,800	
30		Drainage	2,600	SF	2.50	6,500	
31		Irrigation	2,600	SF	3.00	7,800	
32		Lighting	2,600	SF	3.00	7,800	
33		Play equipment allowance	1	LS	50,000.00	50,000	
34		Miscellaneous benches, furnishings etc	2,600	SF	3.00	7,800	
35							
36							
37	1	<b>PLAYGROUND K</b>				<b>130,600</b>	<b>50 \$/SF</b>
38							
39		<b>Playground Modernization</b>					
40							
41		Demolish existing	92,000	SF	1.00	92,000	
42		Rough and fine grading, allow	92,000	SF	0.50	46,000	
43		Tot turf	92,000	SF	18.00	1,656,000	
44		Reconfigure stormwater drainage	92,000	SF	2.50	230,000	
45		Irrigation	92,000	SF	3.00	276,000	
46		Lighting	92,000	SF	1.00	92,000	
47		Play equipment allowance	3	LOC	50,000.00	150,000	
48		Miscellaneous benches, furnishings etc	92,000	SF	3.00	276,000	
49							
50							
51	1	<b>PLAYGROUND MODERNIZATION</b>				<b>2,818,000</b>	<b>31 \$/SF</b>
52							
53		<b>Shade Structure</b>					
54							
55		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
56							
57							
58	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
59							



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61		<b>Admin Support Services</b>					
62							
63		New building allowance	1,140	SF	550.00	627,000	
64							
65	1	<b>ADMIN SUPPORT SERVICES</b>				<b>627,000</b>	<b>550 \$/SF</b>
66							
67		<b>Utility Survey</b>					
68							
69		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	215,000	SF	0.20	43,000	
70							
71							
72	1	<b>UTILITY SURVEY</b>				<b>43,000</b>	
73							
74		<b>Plumbing Repairs</b>					
75							
76		Repair campus sanitary sewer lines & bldg. drain lines. Assume repair/replacement of 100% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines	215,000	SF	5.00	1,075,000	
77							
78							
79	1	<b>PLUMBING REPAIRS</b>				<b>1,075,000</b>	<b>5 \$/SF</b>
80							
81		<b>Technology Upgrade</b>					
82							
83		Replace fiber optic and copper cable networks from MDF bldg E to Bldgs A-D, F-H, K-N, P, reuse existing raceways as necessary, replace if needed, add interior cabling to WAP's and TV's with classrooms (24)	1,220	LF	25.00	30,500	
84							
85							
86	2	<b>TECHNOLOGY UPGRADE</b>				<b>30,500</b>	
87							
88		<b>Outdoor Learning Classroom</b>					
89							
90		Demolition	24,700	SF	1.00	24,700	
91		Rough and fine grading, allow	24,700	SF	0.50	12,350	
92		New hardscape	12,350	SF	35.00	432,250	50%
93		New softscape	12,350	SF	15.00	185,250	50%
94		Drainage	24,700	SF	2.50	61,750	
95		Irrigation	12,350	SF	3.00	37,050	
96		Allow for site furnishings - benches, seatwalls, tables etc)	24,700	SF	5.00	123,500	
97		Shade feature, allow	1	LS	150,000.00	150,000	allowance
98		Electric/data connections	24,700	SF	1.00	24,700	
99		Lighting	24,700	SF	2.00	49,400	
100							
101							
102	2	<b>OUTDOOR LEARNING CLASSROOM</b>				<b>1,100,950</b>	<b>45 \$/SF</b>
103							
104		<b>Staff Parking</b>					
105							
106		Demo existing	17,000	SF	1.00	17,000	
107		Rough and fine grade	17,000	SF	0.50	8,500	
108		New asphalt paving	17,000	SF	5.00	85,000	
109		Striping, curbs, wheel stops, signage	1	LS	20,000.00	20,000	
110		Lighting	17,000	SF	3.00	51,000	
111		Security	17,000	SF	1.00	17,000	
112							
113							
114	2	<b>STAFF PARKING</b>				<b>198,500</b>	<b>12 \$/SF</b>



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
115		<b>Collaborative Instructional Spaces</b>					
116							
117							
118		Remove partitions to accommodate for operable walls, including hazmat allowance	120	LF	75.00	9,000	
119		Structural work allowance	1	LS	15,000.00	15,000	at dividing walls only
120		New operable walls	120	LF	1,800.00	216,000	
121		Cut & patch interiors at renovated walls	120	LF	120.00	14,400	as required at disturbed areas along wall, excludes new classroom finishes
122		MEP reconfiguration allowance	14,797	SF	4.00	59,188	
123							
124							
125	2	<b>COLLABORATIVE INSTRUCTIONAL SPACES</b>				<b>313,588</b>	<b>21 \$/SF</b>
126							
127		<b>Fences And Gates - Oranmental</b>					
128							
129		Demo existing	1	LS	2,000.00	2,000	
130		Ornamental fence	285	LF	200.00	57,000	8'ht
131		Gates	2	EA	5,000.00	10,000	pedestrian
132							
133							
134	2	<b>FENCES AND GATES - ORANMENTAL</b>				<b>69,000</b>	
135							
136		<b>Restroom Modernization</b>					
137							
138		Demolition	640	SF	10.00	6,400	
139		Floor finishes	640	SF	18.00	11,520	
140		Wall finishes	1,215	SF	20.00	24,300	
141		Ceiling finishes	640	SF	25.00	16,000	
142		Toilet accessories	4	EA	1,500.00	6,000	
143		Restroom modernization/expansion, add gender neutral, single-occupancy restrooms (4), 620SF	4	EA	15,000.00	60,000	
144							
145							
146	3	<b>RESTROOM MODERNIZATION</b>				<b>124,220</b>	<b>194 \$/SF</b>
147							
148		<b>CLASSROOM STORAGE EXPANSION</b>					
149							
150		New storage systems in classrooms	720	SF	25.00	18,000	
151		Reconfigure lighting/power as necessary	720	SF	5.00	3,600	
152							
153							
154	3	<b>CLASSROOM STORAGE EXPANSION</b>				<b>21,600</b>	
155							
156		<b>SPED SENSORY SPACE</b>					
157							
158		Renovate space in Bldg. P for sensory space	1,500	SF	200.00	300,000	
159							
160							
161	3	<b>SPED SENSORY SPACE</b>				<b>300,000</b>	<b>200 \$/SF</b>
162							
163		<b>WINDOW REPLACEMENT</b>					
164							
165		Replace existing glass windows with thermal insulating glass	1	LS	1,500,000.00	1,500,000	remove and replace - allowance
166							
167							
168	3	<b>WINDOW REPLACEMENT</b>				<b>1,500,000</b>	
169							
170		<b>Utility Network Repairs</b>					
171							
172		Assume repair/replacement of 25% of utility systems not covered under plumbing repairs (gas, electrical/data). See utility survey area.	215,000	SF	0.75	161,250	
173							
174							



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
175	3	<b>UTILITY NETWORK REPAIRS</b>				<b>161,250</b>	<b>1 \$/SF</b>
176							
177		<b>Covered Walkway</b>					
178							
179		Repair/reroof 50% of covered area as needed	3,800	SF	35.00	133,000	no work to walkway required
180							
181							
182	4	<b>COVERED WALKWAY</b>				<b>133,000</b>	<b>35 \$/SF</b>
183							
184		<b>Solar Panels</b>					Under District Study - excluded
185							
186							
187	TBD	<b>SOLAR PANELS</b>					





STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 32,079

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Fences And Gates - Ornamental</b>					
3							
4		Demo existing	1	LS	1,500.00	1,500	
5		Ornamental fence	200	LF	200.00	40,000	8ht
6		Gates	2	EA	5,000.00	10,000	pedestrian
7							
8							
9	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>51,500</b>	
10							
11		<b>Shade Structure</b>					
12							
13		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
14							
15							
16	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
17							
18		<b>Outdoor Landscaped Areas</b>					
19							
20		Demolition	47,500	SF	1.00	47,500	
21		Rough and fine grading, allow	47,500	SF	0.50	23,750	
22		New hardscape	33,250	SF	35.00	1,163,750	70%
23		New softscape	14,250	SF	15.00	213,750	30%
24		Drainage	47,500	SF	2.50	118,750	
25		Irrigation	14,250	SF	3.00	42,750	
26		Allow for site furnishings - benches, seatwalls, tables etc)	47,500	SF	5.00	237,500	
27		Shade feature, allow	1	LS	150,000.00	150,000	allowance
28		Electric/data connections	47,500	SF	1.00	47,500	
29		Lighting	47,500	SF	2.00	95,000	
30		Potable water/bib	47,500	SF	1.00	47,500	
31							
32							
33	1	<b>OUTDOOR LANDSCAPED AREAS</b>				<b>2,187,750</b>	<b>46 \$/SF</b>
34							
35		<b>Technology Upgrade</b>					
36							
37		Replace IDF cabinet in library with larger cabinet. Install Front Row conductor for PA system.	1	LS	25,000.00	25,000	
38							
39							
40	2	<b>TECHNOLOGY UPGRADE</b>				<b>25,000</b>	
41							
42		<b>Storage Expansion</b>					
43							
44		New storage building	1,800	SF	275.00	495,000	
45							
46							
47	2	<b>STORAGE EXPANSION</b>				<b>495,000</b>	<b>275 \$/SF</b>
48							
49		<b>MUR Modernization/A-V Upgrade</b>					
50							
51		Add shade devices to SW/SE windows	1	LS	3,500.00	3,500	
52		Upgrade A-V systems with fixed production-oriented systems	1	LS	75,000.00	75,000	
53							
54							
55	3	<b>MUR MODERNIZATION/A-V UPGRADE</b>				<b>78,500</b>	
56							
57		<b>Solar Panels</b>					Under District Study - excluded
58							
59							
60	TBD	<b>SOLAR PANELS</b>					<b>\$0 / SF</b>



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC units in 5 single-story classroom buildings and 1 library. Replace Existing HVAC Systems, (6) Bldgs. (Nos. C, D, E, F, G, H)	30,608	SF	32.00	979,456	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>979,456</b>	<b>32 \$/SF</b>
8							
9		<b>Playground K</b>					
10							
11		Demolish existing	9,300	SF	1.00	9,300	
12		Rough and fine grading, allow	9,300	SF	0.50	4,650	
13		Tot turf	6,510	SF	18.00	117,180	70%
14		Hardscape	2,790	SF	25.00	69,750	30%
15		Drainage	9,300	SF	2.50	23,250	
16		Irrigation	6,510	SF	3.00	19,530	
17		Lighting	9,300	SF	3.00	27,900	
18		Play equipment allowance	1	LS	50,000.00	50,000	
19		Miscellaneous benches, furnishings etc	9,300	LS	3.00	27,900	
20							
21							
22	1	<b>PLAYGROUND K</b>				<b>349,460</b>	<b>38 \$/SF</b>
23							
24		<b>Landscape - Courtyards</b>					
25							
26		Demolition	14,250	SF	1.00	14,250	
27		Rough and fine grading, allow	14,250	SF	0.50	7,125	
28		New hardscape	9,975	SF	35.00	349,125	70%
29		New softscape	4,275	SF	15.00	64,125	30%
30		Drainage	4,275	SF	2.50	10,688	
31		Irrigation	4,275	SF	3.00	12,825	
32		Allow for site furnishings - benches, seatwalls, tables etc)	14,250	SF	5.00	71,250	
33		Shade feature, allow	1	LS	150,000.00	150,000	allowance
34		Electric/data connections	14,250	SF	1.00	14,250	
35		Lighting	14,250	SF	2.00	28,500	
36							
37							
38	1	<b>LANDSCAPE - COURTYARDS</b>				<b>722,138</b>	<b>51 \$/SF</b>
39							
40		<b>Shade Structure</b>					
41							
42		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
43							
44							
45	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
46							
47		<b>Utility Survey</b>					
48							
49		Condition survey for underground utility lines (water, sanitary sewer, stormwater drain, gas, electrical/data conduits)	240,000	SF	0.20	48,000	
50							
51							
52	1	<b>UTILITY SURVEY</b>				<b>48,000</b>	<b>0 \$/SF</b>



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53							
54		<b>Plumbing Repairs</b>					
55							
56		Repair campus sanitary sewer lines & bldg. drain lines. Assume repair/replacement of 100% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines. See utility survey area.	240,000	SF	5.00	1,200,000	
57							
58							
59	1	<b>PLUMBING REPAIRS</b>				1,200,000	5 \$/SF
60							
61		<b>Pickup/Dropoff, Parking</b>					
62							
63		Demolition of existing	49,700	SF	1.00	49,700	
64		Rough and fine grading, allow	49,700	SF	0.50	24,850	
65		New hardscape - concrete/asphalt	44,730	SF	12.00	536,760	90%
66		Allow for curbs, striping, signage	1	LS	115,000.00	115,000	
67		Softscape - allow for minimal trees/shrubs	4,970	SF	15.00	74,550	10%
68		Drainage	49,700	SF	2.50	124,250	
69		Irrigation	4,970	SF	3.00	14,910	
70		Lighting	49,700	SF	2.00	99,400	
71							
72							
73	1	<b>PICKUP/DROPOFF, PARKING</b>				1,039,420	21 \$/SF
74							
75		<b>Fences And Gates - Ornamental</b>					
76							
77		Demo existing	1	LS	6,000.00	6,000	
78		Ornamental fence	1,100	LF	200.00	220,000	8'ht
79		Gates	4	EA	5,000.00	20,000	pedestrian
80							
81							
82	2	<b>FENCES AND GATES - ORNAMENTAL</b>				246,000	
83							
84		<b>Library Modernization</b>					
85							
86		Interior renovation allowance - renovate entire library with new FF&E, including HVAC, lighting	4,793	SF	325.00	1,557,725	
87							
88							
89	2	<b>LIBRARY MODERNIZATION</b>				1,557,725	325 \$/SF
90							
91		<b>Technology Upgrade</b>					
92							
93		Create collaborative classroom spaces with lab/workroom type instructional spaces, Bldgs. C, D, E, G. Modernize/refurbish Gr 1-5 classrooms (17) Exclude Prek-K & portable classrooms.	24,515	SF	3.00	73,545	
94							
95							
96	2	<b>TECHNOLOGY UPGRADE</b>				73,545	
97							
98		<b>Classroom Modernization</b>					
99							
100		Modernize classroom spaces - create lab/workroom-type instructional spaces, Introduce transparent, operable partitions between classrooms and with exteriors	24,515	SF	160.00	3,922,400	
101							
102							
103	2	<b>CLASSROOM MODERNIZATION</b>				3,922,400	160 \$/SF



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
104							
105		<b>Building Structural Upgrade</b>					
106							
107		Allowance for shear and structural supports	1,300	SF	50.00	65,000	
108							
109							
110	2	<b>BUILDING STRUCTURAL UPGRADE</b>				65,000	50 \$/SF
111							
112		<b>Playground 1-5</b>					
113							
114		Demolish existing	2,600	SF	1.00	2,600	
115		Rough and fine grading, allow	2,600	SF	0.50	1,300	
116		Tot turf	2,600	SF	18.00	46,800	
117		Drainage	2,600	SF	2.50	6,500	
118		Irrigation	2,600	SF	3.00	7,800	
119		Lighting	2,600	SF	3.00	7,800	
120		Play equipment allowance	1	LS	50,000.00	50,000	
121		Miscellaneous benches, furnishings etc	2,600	LS	3.00	7,800	
122							
123							
124	3	<b>PLAYGROUND 1-5</b>				130,600	50 \$/SF
125							
126		<b>Landscape - Campus Frontage</b>					
127							
128		Demolish existing	28,000	SF	1.00	28,000	
129		Rough and fine grading, allow	11,200	SF	0.50	5,600	
130		Hardscape	16,800	SF	35.00	588,000	60%
131		Landscape	11,200	SF	15.00	168,000	40%
132		Drainage	11,200	SF	2.25	25,200	
133		Irrigation	11,200	SF	1.50	16,800	
134		Lighting	28,000	SF	3.00	84,000	
135		Misc site amenities	28,000	SF	3.00	84,000	
136							
137							
138	3	<b>LANDSCAPE - CAMPUS FRONTAGE</b>				999,600	36 \$/SF
139							
140		<b>WINDOW REPLACEMENT</b>					
141							
142		Replace existing glass windows with thermal insulating glass	1	LS	1,515,000.00	1,515,000	remove and replace - allowance
143							
144							
145	3	<b>WINDOW REPLACEMENT</b>				1,515,000	
146							
147		<b>Roof Repair</b>					
148							
149		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	33,758	SF	7.00	236,306	Not a roof replacement
150							
151							
152	3	<b>ROOF REPAIR</b>				236,306	7 \$/SF
153							
154		<b>Utility Network Repairs</b>					
155							
156		Assume repair/replacement of 25% of utility systems not covered under plumbing repairs (gas, electrical/data). See utility survey area.	240,000	SF	2.00	480,000	
157							
158							
159	3	<b>UTILITY NETWORK REPAIRS</b>				480,000	2 \$/SF



**THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL**

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
160							
161		<b><u>New Asphalt Overlay</u></b>					
162							
163		Demolish existing	38,000	SF	1.00	38,000	
164		Asphalt overlay of existing playground (pedestrian use)	38,000	SF	4.50	171,000	
165		Allow for striping	38,000	SF	0.15	5,700	
166							
167							
168	4	<b>NEW ASPHALT OVERLAY</b>				<b>214,700</b>	<b>6 \$/SF</b>
169							
170		<b><u>Restroom Modernization</u></b>					
171							
172		Demolition	1,900	SF	10.00	19,000	
173		Floor finishes	1,900	SF	18.00	34,200	
174		Wall finishes	2,565	SF	20.00	51,300	
175		Ceiling finishes	1,900	SF	25.00	47,500	
176		Toilet accessories	6	EA	1,500.00	9,000	
177		MEP allowance, includes fixture replacement, in wall piping rework to support relocation of fixtures	1,900	SF	40.00	76,000	
178							
179							
180	4	<b>RESTROOM MODERNIZATION</b>				<b>237,000</b>	<b>125 \$/SF</b>
181							
182		<b><u>Electrical Upgrade</u></b>					
183							
184		Replace switchgear to support 26 classrooms (700 stu), library, admin bldg., and MUR	1	LS	624,000.00	624,000	
185							
186							
187	TBD	<b>ELECTRICAL UPGRADE</b>				<b>624,000</b>	
188							
189		<b><u>Solar Panels</u></b>					Under District Study - excluded
190							
191							
192	TBD	<b>SOLAR PANELS</b>					



**VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL**

GSF : 25,488

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b><u>Admin Support Services</u></b>					
3							
4		New building allowance	880	SF	550.00	484,000	
5							
6							
7	1	<b>ADMIN SUPPORT SERVICES</b>				<b>484,000</b>	<b>550 \$/SF</b>
8							
9		<b><u>Storage</u></b>					
10							
11		New building allowance	1,300	SF	275.00	357,500	
12							
13							
14	1	<b>STORAGE</b>				<b>357,500</b>	<b>275 \$/SF</b>
15							
16		<b><u>Shade Structure</u></b>					
17							
18		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
19							
20							
21	2	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
22							
23		<b><u>Solar Panels</u></b>					Under District Study - excluded
24							
25							
26	TBD	<b>SOLAR PANELS</b>					



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		New HVAC units in 10 single-story classroom and admin. Buildings (10) Bldgs. (Nos. 100, 200, 300, 500, 700, 800, 1000)	65,006	SF	32.00	2,080,192	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>2,080,192</b>	<b>32 \$/SF</b>
8							
9		<b>Locker Room Modernization/Replacement</b>					
10							
11		Construct new locker rooms facility	4,691	SF	500.00	2,345,500	
12							
13							
14	1	<b>LOCKER ROOM MODERNIZATION/REPLACEMENT</b>				<b>2,345,500</b>	<b>500 \$/SF</b>
15							
16		<b>New PE Classroom</b>					
17							
18		Construct new PE Classroom	1,200	SF	500.00	600,000	
19							
20							
21	1	<b>NEW PE CLASSROOM</b>				<b>600,000</b>	<b>500 \$/SF</b>
22							
23		<b>Frontage Improvement</b>					
24							
25		Demolition of existing	113,000	SF	1.00	113,000	
26		Rough and fine grading, allow	113,000	SF	0.50	56,500	
27		New hardscape - assume concrete/asphalt	90,400	SF	15.00	1,356,000	80%
28		Allow for curbs, striping, signage	1	LS	25,000.00	25,000	
29		Softscape - allow for minimal trees/shrubs	22,600	SF	15.00	339,000	20%
30		Drainage	113,000	SF	2.50	282,500	
31		Irrigation	22,600	SF	3.00	67,800	
32		Lighting	113,000	SF	3.00	339,000	
33		Misc amenities - fences, gates	113,000	SF	1.00	113,000	
34							
35							
36	1	<b>FRONTAGE IMPROVEMENT</b>				<b>2,691,800</b>	<b>24 \$/SF</b>
37							
38		<b>Signage Marquis</b>					
39							
40		Digital signage allowance	1	LS	75,000.00	75,000	
41		Electrical/telecom allowance serving new Marquis	1	LS	10,000.00	10,000	
42							
43							
44	1	<b>SIGNAGE MARQUIS</b>				<b>85,000</b>	
45							
46		<b>MUR Modernization/Replacement</b>					
47							
48		Allowance for renovation/modernization - reconfigure for MUR, snack shop and kitchen	9,440	SF	350.00	3,304,000	
49							
50							
51	1	<b>MUR MODERNIZATION/REPLACEMENT</b>				<b>3,304,000</b>	<b>350 \$/SF</b>
52							
53		<b>Security System Upgrade - PA</b>					
54							
55		Upgrade PA system to enable remote access	1	LS	15,000.00	15,000	
56							
57							
58	1	<b>SECURITY SYSTEM UPGRADE - PA</b>				<b>15,000</b>	



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
59							
60		<b>Fences And Gates - Ornamental</b>					
61							
62		Demo existing	1	LS	2,625.00	2,625	
63		Ornamental fence	525	LF	200.00	105,000	8ft
64		Gates	7	EA	5,000.00	35,000	pedestrian
65							
66							
67	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>142,625</b>	
68							
69		<b>Drinking Fountains</b>					
70							
71		Replace aging drinking fountains Bldgs 100, 200, 300, 500, 800, 1100, hi/lo type with bottle filler	6	EA	5,000.00	30,000	
72							
73							
74	1	<b>DRINKING FOUNTAINS</b>				<b>30,000</b>	
75							
76		<b>Electrical Upgrade</b>					
77							
78		Site is at capacity (breakers, servicing gear), upsize system to expand capacity New servicing gear and breakers (replacement) to increase system capacity 50% above existing	1	LS	240,000.00	240,000	
79							
80							
81	2	<b>ELECTRICAL UPGRADE</b>				<b>240,000</b>	
82							
83		<b>Utility Survey</b>					
84							
85		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	320,000	SF	0.20	64,000	
86							
87							
88	2	<b>UTILITY SURVEY</b>				<b>64,000</b>	<b>0 \$/SF</b>
89							
90		<b>PLUMBING REPAIRS</b>					
91							
92		Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines	320,000	SF	3.00	960,000	
93							
94							
95	3	<b>PLUMBING REPAIRS</b>				<b>960,000</b>	<b>3 \$/SF</b>
96							
97		<b>Shade Structure</b>					
98							
99		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	
100							
101							
102	2	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
103							
104		<b>Landscape - Courtyards</b>					
105							
106		Demolition	57,500	SF	1.00	57,500	
107		Rough and fine grading, allow	57,500	SF	0.50	28,750	
108		New hardscape	40,250	SF	35.00	1,408,750	70%
109		New softscape	17,250	SF	15.00	258,750	30%
110		Drainage	57,500	SF	2.50	143,750	
111		Irrigation	17,250	SF	3.00	51,750	
112		Allow for site furnishings - benches, seatwalls, tables etc)	57,500	SF	5.00	287,500	
113		Shade feature, allow	1	LS	150,000.00	150,000	allowance





CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
114		Electric/data connections	57,500	SF	1.00	57,500	
115		Potable water/bibbs	57,500	SF	2.00	115,000	
116		Lighting	57,500	SF	3.00	172,500	
117							
118							
119	2	<b>LANDSCAPE - COURTYARDS</b>				<b>2,731,750</b>	<b>48 \$/SF</b>
120							
121		<u>Classroom Modernization</u>					
122							
123		Modernize classroom spaces - structural upgrades/support for 2nd floor, L1-reconfigure interior walls & add openings L2-reconfigure all non-structural walls (increase number of classrooms)	17,705	SF	275.00	4,868,875	
124							
125							
126	2	<b>CLASSROOM MODERNIZATION</b>				<b>4,868,875</b>	<b>275 \$/SF</b>
127							
128		<u>Roof Repair</u>					
129							
130		Remove existing shingles, re-roof w/ asphalt shingles. Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	24,999	SF	33.00	824,967	
131							
132							
133	2	<b>ROOF REPAIR</b>				<b>824,967</b>	<b>33 \$/SF</b>
134							
135		<u>Technology Upgrade</u>					
136							
137		Network cabling in classrooms. Replace copper cable networks Classroom Bldgs. Bldgs. 400, 1000 (Locker), 1100 (Gym) New fiber & copper cabling between MDF (Bldg. 100) to Bldgs. 1000 & 1100, add interior cabling to WAPs and TVs in classrooms (33)					
138		Interior cabling in classrooms	33	EA	2,500.00	82,500	
139		Fiber and copper cabling	650	LF	25.00	16,250	
140							
141							
142	2	<b>TECHNOLOGY UPGRADE</b>				<b>98,750</b>	
143							
144		<u>Restroom Modernization</u>					
145							
146		Remove and replace wall finishes	4,550	SF	25.00	113,750	
147		Remove and replace ceiling finishes	3,000	SF	30.00	90,000	
148		Remove and replace floor tiles	3,000	SF	25.00	75,000	
149		Replace partitions & accessories, allow	12	EA	1,500.00	18,000	
150		Plumbing, fixtures and lighting	3,000	SF	60.00	180,000	
151							
152							
153	2	<b>RESTROOM MODERNIZATION</b>				<b>476,750</b>	<b>159 \$/SF</b>
154							
155		<u>Window Replacement</u>					
156							
157		Replace existing glass windows with thermal insulating glass	1	LS	2,450,000.00	2,450,000	remove and replace - allowance
158							
159							
160	3	<b>WINDOW REPLACEMENT</b>				<b>2,450,000</b>	
161							
162		<u>Roof Repair</u>					
163							
164		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	29,195	SF	7.00	204,365	Not a roof replacement



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
165							
166							
167	3	<b>ROOF REPAIR</b>				<b>204,365</b>	<b>7 \$/SF</b>
168							
169		<u>Utility Network Repair</u>					
170							
171		Assume repair/replacement of 25% of utility systems not covered under plumbing repairs (gas, electrical/data)	320,000	SF	1.00	320,000	
172							
173							
174	3	<b>UTILITY NETWORK REPAIR</b>				<b>320,000</b>	<b>1 \$/SF</b>
175							
176		<u>Playfield Rail Upgrade</u>					
177							
178		Replace rail, allowance	1	LS	25,000.00	25,000	
179							
180							
181	4	<b>PLAYFIELD RAIL UPGRADE</b>				<b>25,000</b>	
182							
183		<u>Auditorium Systems Upgrade</u>					
184							
185		Replace A-V/Sound System	1	LS	200,000.00	200,000	
186							
187							
188	4	<b>AUDITORIUM SYSTEMS UPGRADE</b>				<b>200,000</b>	
189							
190		<u>Structural Upgrade</u>					
191							
192		Provide structural upgrade to B300 if bldg is modernized	4,650	SF	75.00	348,750	assume architectural cut and patch as needed only
193							
194							
195	TBD	<b>STRUCTURAL UPGRADE</b>				<b>348,750</b>	<b>75 \$/SF</b>
196							
197		<u>Solar Panels</u>					
198							Under District Study - excluded
199							
200	TBD	<b>SOLAR PANELS</b>					



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 84,173

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Replace HVAC</b>					
3							
4		Replace Existing HVAC Systems 8 Bldgs. (Nos. 2, 3, 4, 5, 6, 8, 11, 12) New HVAC units in 10 single-story classroom and admin. buildings	39,838	SF	32.00	1,274,816	
5							
6							
7	1	<b>REPLACE HVAC</b>				<b>1,274,816</b>	<b>32 \$/SF</b>
8							
9		<b>Classroom Modernization</b>					
10							
11		Modernize classroom spaces - lab-type spaces for woodshop (electrical/ventilation), home economics (i.e., kitchens), and art lab type spaces	6,396	SF	275.00	1,758,900	
12							
13							
14	1	<b>CLASSROOM MODERNIZATION</b>				<b>1,758,900</b>	<b>275 \$/SF</b>
15							
16		<b>Landscape - Courtyards</b>					
17							
18		Demolition	41,850	SF	1.00	41,850	
19		Rough and fine grading, allow	41,850	SF	0.50	20,925	
20		New hardscape	20,925	SF	35.00	732,375	50%
21		New softscape	20,925	SF	15.00	313,875	50%
22		Drainage	41,850	SF	2.50	104,625	
23		Irrigation	20,925	SF	3.00	62,775	
24		Allow for site furnishings - benches, seatwalls, tables etc)	41,850	SF	5.00	209,250	
25		Shade feature, allow	1	LS	150,000.00	150,000	allowance
26		Electric/data connections	41,850	SF	1.00	41,850	
27		Lighting	41,850	SF	3.00	125,550	
28							
29							
30	1	<b>LANDSCAPE - COURTYARDS</b>				<b>1,803,075</b>	<b>43 \$/SF</b>
31							
32		<b>Shade Structure</b>					
33							
34		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	
35							
36							
37	1	<b>SHADE STRUCTURE</b>				<b>562,500</b>	<b>125 \$/SF</b>
38							
39		<b>Fences And Gates - Ornamental</b>					
40							
41		Demo existing	1	LS	4,800.00	4,800	
42		Ornamental fence	960	LF	200.00	192,000	8ft
43		Gates	6	EA	20,000.00	120,000	vehicular
44							
45							
46	1	<b>FENCES AND GATES - ORNAMENTAL</b>				<b>316,800</b>	
47							
48		<b>Utility Survey</b>					
49							
50		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	395,000	SF	0.20	79,000	
51							
52							
53	2	<b>UTILITY SURVEY</b>				<b>79,000</b>	<b>0 \$/SF</b>
54							
55		<b>Plumbing Repairs</b>					
56							



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 84,173

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
57		Repair campus sanitary sewer lines & bldg. drain lines Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines	395,000	SF	3.00	1,185,000	
58							
59							
60	2	<b>PLUMBING REPAIRS</b>				<b>1,185,000</b>	<b>3 \$/SF</b>
61							
62		<b>Gym Modernization</b>					
63							
64		Replace finishes, HVAC, A-V/Sound system, and lights, add individual changing stations, non-gender changing rooms	29,200	SF	250.00	7,300,000	
65		New FF&E					excluded
66							
67							
68	2	<b>GYM MODERNIZATION</b>				<b>7,300,000</b>	<b>250 \$/SF</b>
69							
70		<b>Locker Room Modernization</b>					Included with Gym Modernization above
71							
72							
73	2	<b>LOCKER ROOM MODERNIZATION</b>					
74							
75		<b>Roof Repair</b>					
76							
77		Remove existing shingles, re-roof w/ asphalt shingles. Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	16,290	SF	33.00	537,570	
78							
79							
80	2	<b>ROOF REPAIR</b>				<b>537,570</b>	<b>33 \$/SF</b>
81							
82		<b>Technology Upgrade</b>					
83							
84		Replace copper cabling between MDF (Bldg. 9) to Bldgs. 1-17 Add interior cabling to Front Row Devices in classrooms (46)	2,120	LF	25.00	53,000	
85							
86							
87	2	<b>TECHNOLOGY UPGRADE</b>				<b>53,000</b>	
88							
89		<b>Signage - Campus Frontage</b>					
90							
91		Allow for new signage	1	LS	75,000.00	75,000	
92		New signage, allow power and data	1	LS	10,000.00	10,000	
93							
94							
95	3	<b>SIGNAGE - CAMPUS FRONTAGE</b>				<b>85,000</b>	
96							
97		<b>WINDOW REPLACEMENT</b>					
98							
99		Replace existing glass windows with thermal insulating glass	1	LS	2,465,000.00	2,465,000	remove and replace - allowance
100							
101							
102	3	<b>WINDOW REPLACEMENT</b>				<b>2,465,000</b>	
103							
104		<b>Fences And Gates - Ornamental</b>					
105							
106		Demo existing	1	LS	2,500.00	2,500	
107		Ornamental fence	415	LF	200.00	83,000	8ft
108		Gates	6	EA	5,000.00	30,000	pedestrian
109							
110							



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 84,173

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
111	3	FENCES AND GATES - ORNAMENTAL				115,500	



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 84,173

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
112							
113		<u>Pickup/Dropoff, Parking</u>					
114							
115		Demolition of existing	41,000	SF	1.00	41,000	
116		Rough and fine grading, allow	41,000	SF	0.50	20,500	
117		New hardscape - assume concrete/asphalt	36,900	SF	12.00	442,800	90%
118		Allow for curbs, striping, signage	1	LS	95,000.00	95,000	
119		Softscape - allow for minimal trees/shrubs	4,100	SF	15.00	61,500	10%
120		Drainage	41,000	SF	2.50	102,500	
121		Irrigation	4,100	SF	3.00	12,300	
122		Lighting	41,000	SF	3.00	123,000	
123							
124							
125	3	PICKUP/DROPOFF, PARKING				898,600	22 \$/SF
126							
127		<u>Restroom Modernization</u>					ADA upgrades/lighting completed
128							
129		Remove and replace wall finishes	3,625	SF	25.00	90,625	
130		Remove and replace floor tiles	2,280	SF	25.00	57,000	
131		Replace partitions & accessories, allow	10	EA	2,500.00	25,000	
132		Plumbing fixtures	2,280	SF	35.00	79,800	
133							
134							
135	3	RESTROOM MODERNIZATION				252,425	111 \$/SF
136							
137		<u>Roof Repair</u>					
138							
139		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	39,653	SF	7.00	277,571	Not a roof replacement
140							
141							
142	3	ROOF REPAIR				277,571	7 \$/SF
143							
144		<u>Utility Network Repairs</u>					
145							
146		Assume repair/replacement of 25% of utility systems not covered under plumbing repairs (gas, electrical/data)	395,000	SF	1.25	493,750	
147							
148							
149	3	UTILITY NETWORK REPAIRS				493,750	1 \$/SF
150							
151		<u>Covered Walkway</u>					
152							
153		Assume repair/reroof 50% of covered walkway roof (built-up roof) and walkways (concrete) area	14,800	SF	30.00	444,000	
154							
155							
156	4	COVERED WALKWAY				444,000	30 \$/SF
157							
158		<u>Playground - Relocate Bike Enclosure</u>					
159							
160		New chain link fenced enclosure and asphalt ground surface	1,500	SF	20.00	30,000	
161							
162							
163	4	PLAYGROUND - RELOCATE BIKE ENCLOSURE				30,000	20 \$/SF
164							
165		<u>Solar Panels</u>					Under District Study - excluded
166							
167							
168	TBD	SOLAR PANELS					



LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 5,760

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Site Accessibility</b>					
3							
4		Demolition	1,620	SF	1.00	1,620	
5		Rough and fine grading	1,620	SF	0.50	810	
6		New pathways	1,620	SF	30.00	48,600	
7							
8							
9	1	<b>SITE ACCESSIBILITY</b>				<b>51,030</b>	<b>32 \$/SF</b>
10							
11		<b>Play Cluster</b>					
12							
13		Build new play area for preschool	1,000	SF	20.00	20,000	demo, landscaping
14		Drainage, irrigation, lighting	1,000	SF	7.00	7,000	
15		Play equipment	1	LS	50,000.00	50,000	
16							
17							
18	1	<b>PLAY CLUSTER</b>				<b>77,000</b>	<b>77 \$/SF</b>
19							
20		<b>Fences And Gates</b>					
21							
22		Demo existing	1	LS	2,500.00	2,500	
23		Ornamental fence	380	LF	200.00	76,000	8'ht
24		Gates	3	EA	5,000.00	15,000	pedestrian
25							
26							
27	1	<b>FENCES AND GATES</b>				<b>93,500</b>	
28							
29		<b>Shade Structure</b>					
30							
31		New open-sided shade structure with a fabric roof in playground area	1,200	SF	85.00	102,000	
32							
33							
34	1	<b>SHADE STRUCTURE</b>				<b>102,000</b>	<b>85 \$/SF</b>
35							
36		<b>Outdoor Landscaped Spaces</b>					
37							
38		Demolition	7,000	SF	1.00	7,000	
39		Rough and fine grading, allow	7,000	SF	0.50	3,500	
40		New hardscape	2,100	SF	35.00	73,500	30%
41		Tot turf	2,800	SF	18.00	50,400	40%
42		New softscape	2,100	SF	15.00	31,500	30%
43		Drainage	7,000	SF	2.50	17,500	
44		Irrigation	2,100	SF	3.00	6,300	
45		Allow for site furnishings - benches, seatwalls, tables etc)	7,000	SF	5.00	35,000	
46		Shade feature, allow	1	LS	50,000.00	50,000	allowance
47		Electric/data connections	7,000	SF	3.00	21,000	
48		Lighting	7,000	SF	3.00	21,000	
49		Potable water/bib	7,000	SF	1.00	7,000	
50							
51							
52	1	<b>OUTDOOR LANDSCAPED SPACES</b>				<b>323,700</b>	<b>46 \$/SF</b>
53							
54		<b>Technology Upgrades</b>					
55							
56		Replace ethernet cable with OM4 fiber cables to connect to MDF, replace all copper cables with Cat6a cables P1-P6, connecting to MDF	520	LF	25.00	13,000	
57							
58							
59	2	<b>TECHNOLOGY UPGRADES</b>				<b>13,000</b>	



LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 5,760

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61		<b>Classroom Modernization</b>					not required
62							
63							
64	3	<b>CLASSROOM MODERNIZATION</b>					

# Mountain View Whisham School District

**Student Facilities Improvement Plan Update**  
Mountain View, California

Masterplan Budget Plan SFIP Update

Report Prepared for:

Artik Art & Architecture

November 1, 2019

more value, less risk

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Mountain View Whisham School District  
Student Facilities Improvement Plan Update  
Mountain View, California



Masterplan Budget Plan SFIP Update  
November 01, 2019

## BASIS OF ESTIMATE

### REFERENCE DOCUMENTATION

This Construction Cost Estimate was produced from the following documentation. Design and engineering changes occurring subsequent to the issue of these documents have not been incorporated in this estimate.

#### Document

- SFIP Update-2019\_PROJECTS+COSTS\_23 Oct 19\_v3.1

### BASIS FOR PRICING

This estimate reflects the fair construction value for this project and should not be construed as a prediction of low bid. Prices are based on local prevailing wage construction costs at the time the estimate was prepared. Pricing assumes a procurement process with competitive bidding for all sub-trades of the construction work, which is to mean a minimum of 3 bids for all subcontractors and materials/equipment suppliers. If fewer bids are solicited or received, prices can be expected to be higher.

Subcontractor's markups have been included in each line item unit price. Markups cover the cost of field overhead, home office overhead and subcontractor's profit. Subcontractor's markups typically range from 15% to 25% of the unit price depending on market conditions.

General Contractor's/Construction Manager's Site Requirement costs are calculated on a percentage basis. General Contractor's/Construction Manager's Jobsite Management costs are also calculated on a percentage basis.

Site Requirements	5.0%
Jobsite Management	10.0%
Phasing	0.0%

General Contractor's/Construction Manager's overhead and fees are based on a percentage of the total direct costs plus general conditions, and covers the contractor's bond, insurance, site office overheads and profit.

Insurance & Bonding	2.5%
General Contractor Bonding	
Sub-Contractor Bonding	
OSIP	

Fee (G.C. Profit)	5.0%
-------------------	------

Unless identified otherwise, the cost of such items as overtime, shift premiums and construction phasing are not included in the line item unit price.

This cost estimate is based on standard industry practice, professional experience and knowledge of the local construction market costs, TBD Consultants have no control over the material and labor costs, contractors methods of establishing prices or the market and bidding conditions at the time of bid, Therefore TBD Consultants do not guarantee that the bids received will not vary from this cost estimate.

### CONTINGENCY

Design Contingency	15.0%
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The Design Contingency is carried to cover scope that lacks definition and scope that is *anticipated* to be added to the Design. As the Design becomes more complete the Design Contingency will reduce.

Construction Contingency	10.0%
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The Construction Contingency is carried to cover the unforeseen during construction execution and Risks that do not currently have mitigation plans. As Risks are mitigated, Construction Contingency can be reduce, but should not be eliminated.

Soft Costs	30.0%
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An owners contingency has not been included in this construction cost estimate, but it is advised that the owner carry additional contingency to cover scope change, bidding conditions, claims and delays.







**BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL**

GSF :

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Project 1 Demo Buildings</b>					
3						
4	Demo existing Units 1 and 2	11,300	SF	7.00	79,100	
5						
6						
7	<b>PROJECT 1 DEMO BUILDINGS</b>				<b>79,100</b>	
8						
9	<b>Project 1 Site Engineering</b>					
10						
11	Site grading, site utilities	123,600	SF	5.00	618,000	
12						
13						
14	<b>PROJECT 1 SITE ENGINEERING</b>				<b>618,000</b>	
15						
16	<b>Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff</b>					
17						
18	Allow for demolition, clearing and grading	65,000	SF	1.50	97,500	100%
19	New asphalt	45,500	SF	5.00	227,500	70%
20	Concrete curbs/walkways	13,000	SF	35.00	455,000	20%
21	Landscaping, incl irrigation	6,500	SF	18.00	117,000	10%
22						
23						
24	<b>PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF</b>				<b>897,000</b>	
25						
26	<b>Project 1 Rebuild Playground</b>					
27						
28	Allow for demolition, clearing and grading	46,000	SF	1.50	69,000	100%
29	New asphalt	46,000	SF	5.00	230,000	
30	New play equipment	2	LOC	50,000.00	100,000	
31						
32						
33	<b>PROJECT 1 REBUILD PLAYGROUND</b>				<b>399,000</b>	
34						
35	<b>Project 1 Replace Buildings</b>					
36						
37	New building construction	20,960	SF	550.00	11,528,000	classrooms
38						
39						
40	<b>PROJECT 1 REPLACE BUILDINGS</b>				<b>11,528,000</b>	
41						
42	<b>Project 2 New Restrooms</b>					
43						
44	New adult restroom for park/playfield - new free-standing restroom (m/w) facility at playfield/ park for use by public	480	SF	400.00	192,000	
45	Drinking station	1	EA	10,000.00	10,000	
46	Walkway	500	SF	35.00	17,500	
47	Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	500	LF	160.00	80,000	
48						
49						
50	<b>PROJECT 2 NEW RESTROOMS</b>				<b>299,500</b>	
51						
52	<b>Solar Energy</b>					
53						
54	Install roof mounted solar arrays	118	KW	4,500.00	531,000	1-71 kW, 2-47 kW
55						
56						
57	<b>SOLAR ENERGY</b>				<b>531,000</b>	



**HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL**

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Project 1 Demo Buildings</b>					
3						
4	Demo existing Units 1 and 2	10,219	SF	7.00	71,533	
5						
6						
7	<b>PROJECT 1 DEMO BUILDINGS</b>				<b>71,533</b>	
8						
9	<b>Project 1 Site Engineering</b>					
10						
11	Site grading, site utilities	116,700	SF	5.00	583,500	
12						
13						
14	<b>PROJECT 1 SITE ENGINEERING</b>				<b>583,500</b>	
15						
16	<b>Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff</b>					
17						
18	Allow for demolition, clearing and grading	75,000	SF	1.50	112,500	100%
19	New asphalt	52,500	SF	5.00	262,500	70%
20	Concrete curbs/walkways	15,000	SF	35.00	525,000	20%
21	Landscaping, incl irrigation	7,500	SF	18.00	135,000	10%
22						
23						
24	<b>PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF</b>				<b>1,035,000</b>	
25						
26	<b>Project 1 Rebuild Playground</b>					
27						
28	Allow for demolition, clearing and grading	30,000	SF	1.50	45,000	100%
29	New asphalt	30,000	SF	5.00	150,000	
30	New play equipment	2	LOC	50,000.00	100,000	
31						
32						
33	<b>PROJECT 1 REBUILD PLAYGROUND</b>				<b>295,000</b>	
34						
35	<b>Project 1 Replace Buildings</b>					
36						
37	New building construction	19,500	SF	550.00	10,725,000	classrooms
38						
39						
40	<b>PROJECT 1 REPLACE BUILDINGS</b>				<b>10,725,000</b>	
41						
42	<b>Project 2 New Restrooms</b>					
43						
44	New adult restroom for park/playfield - new free-standing restroom (m/w) facility at playfield/ park for use by public	480	SF	400.00	192,000	
45	Drinking station	1	EA	10,000.00	10,000	
46	Walkway	500	SF	35.00	17,500	
47	Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	500	LF	160.00	80,000	
48						
49						
50	<b>PROJECT 2 NEW RESTROOMS</b>				<b>299,500</b>	
51						
52	<b>Solar Energy</b>					
53						
54	Install roof mounted solar arrays	110	KW	4,500.00	495,000	1-45 kW, 2-64 kW
55						
56						
57	<b>SOLAR ENERGY</b>				<b>495,000</b>	

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Project 1 Demo Buildings</b>					
3						
4	Demo existing Units 1 and 2	9,774	SF	7.00	68,418	
5						
6						
7	<b>PROJECT 1 DEMO BUILDINGS</b>				<b>68,418</b>	
8						
9	<b>Project 1 Site Engineering</b>					
10						
11	Site grading, site utilities	101,340	SF	5.00	506,700	
12						
13						
14	<b>PROJECT 1 SITE ENGINEERING</b>				<b>506,700</b>	
15						
16	<b>Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff</b>					
17						
18	Allow for demolition, clearing and grading	63,000	SF	1.50	94,500	100%
19	New asphalt	44,100	SF	5.00	220,500	70%
20	Concrete curbs/walkways	12,600	SF	35.00	441,000	20%
21	Landscaping	6,300	SF	18.00	113,400	10%
22						
23						
24	<b>PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF</b>				<b>869,400</b>	
25						
26	<b>Project 1 Rebuild Playground</b>					
27						
28	Allow for demolition, clearing and grading	27,000	SF	1.50	40,500	100%
29	New asphalt	27,000	SF	5.00	135,000	
30	New play equipment	2	LOC	50,000.00	100,000	
31						
32						
33	<b>PROJECT 1 REBUILD PLAYGROUND</b>				<b>275,500</b>	
34						
35	<b>Project 1 Replace Buildings</b>					
36						
37	New building construction	18,900	SF	550.00	10,395,000	classroom
38						
39						
40	<b>PROJECT 1 REPLACE BUILDINGS</b>				<b>10,395,000</b>	
41						
42	<b>Project 2 New Restrooms</b>					
43						
44	New adult restroom for park/playfield - new free-standing restroom (m/w) facility at playfield/ park for use by public	480	SF	400.00	192,000	
45	Drinking station	1	EA	10,000.00	10,000	
46	Walkway	500	SF	35.00	17,500	
47	Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	500	LF	160.00	80,000	
48						
49						
50	<b>PROJECT 2 NEW RESTROOMS</b>				<b>299,500</b>	
51						
52	<b>Solar Energy</b>					
53						
54	Install roof mounted solar arrays	121	KW	4,500.00	544,500	1-57 KW, 2-64 KW
55						
56						
57	<b>SOLAR ENERGY</b>				<b>544,500</b>	

MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Project 1 New Restrooms</b>					
3						
4	New adult restroom for park/playfield - new free-standing restroom (m/w) facility at playfield/ park for use by public	480	SF	400.00	192,000	
5	Drinking station	1	EA	10,000.00	10,000	
6	Walkway	500	SF	35.00	17,500	
7	Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	500	LF	160.00	80,000	
8						
9						
10	<b>PROJECT 1 NEW RESTROOMS</b>				<b>299,500</b>	
11						
12	<b>Project 2 Demo Portables</b>					
13						
14	Demo existing portables	5,760	SF	5.00	28,800	
15						
16						
17	<b>PROJECT 2 DEMO PORTABLES</b>				<b>28,800</b>	
18						
19	<b>Project 2 Landscaping And Play Equipment</b>					
20						
21	Allow for demolition, clearing and grading	21,500	SF	1.50	32,250	100%
22	Softscape	10,750	SF	18.00	193,500	50%
23	Specialized play surface	6,450	SF	25.00	161,250	30%
24	Hardscape	4,300	SF	35.00	150,500	20%
25	New play equipment	2	LOC	50,000.00	100,000	
26						
27						
28	<b>PROJECT 2 LANDSCAPING AND PLAY EQUIPMENT</b>				<b>637,500</b>	
29						
30	<b>Project 3 Demo Buildings</b>					
31						
32	Demo existing buildings H/J/K/L	18,860	SF	7.00	132,020	
33						
34						
35	<b>PROJECT 3 DEMO BUILDINGS</b>				<b>132,020</b>	
36						
37	<b>Project 3 Site Engineering</b>					
38						
39	Site grading, site utilities	36,400	SF	5.00	182,000	
40						
41						
42	<b>PROJECT 3 SITE ENGINEERING</b>				<b>182,000</b>	
43						
44	<b>Project 3 Site Design/Landscaping</b>					
45						
46	Allow for demolition, clearing and grading	23,650	SF	1.50	35,475	100%
47	New asphalt	4,730	SF	5.00	23,650	20%
48	Concrete	11,825	SF	35.00	413,875	50%
49	Landscaping	7,095	SF	18.00	127,710	30%
50						
51						
52	<b>PROJECT 3 SITE DESIGN/LANDSCAPING</b>				<b>600,710</b>	



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53						
54	<b>Project 3 Replace Buildings</b>					
55						
56	New building construction	25,500	SF	550.00	14,025,000	classroom buildings
57						
58						
59	<b>PROJECT 3 REPLACE BUILDINGS</b>				<b>14,025,000</b>	
60						
61	<b>Solar Energy</b>					
62						
63	Install Solar Arrays (free-standing)	98	KW	4,500.00	441,000	
64						
65						
66	<b>SOLAR ENERGY</b>				<b>441,000</b>	



CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Second Level Deck</b>					
3						
4	Construct 2nd level deck over parking	6,300	SF	75.00	472,500	New concrete/steel deck over staff parking area, connect to existing 2nd level deck (Bldg. C) for stair and elevator access.
5						
6						
7	<b>SECOND LEVEL DECK</b>				<b>472,500</b>	
8						
9	<b>Build Three New Flex Rooms</b>					
10						
11	New enclosed structure	3,900	SF	325.00	1,267,500	3 new flex rooms on 2nd level deck, connected to existing 2nd level of Bldg. C
12						
13						
14	<b>BUILD THREE NEW FLEX ROOMS</b>				<b>1,267,500</b>	
15						
16	<b>Build Open Pavilion Deck</b>					
17						
18	New open structure, incl cover, pavers, etc	800	SF	180.00	144,000	Create covered pavilion as informal gathering space/group gathering space on 2nd level deck.
19						
20						
21	<b>BUILD OPEN PAVILION DECK</b>				<b>144,000</b>	
22						
23	<b>Solar Energy</b>					
24						
25	Install roof mounted solar arrays	98	KW	4,500.00	441,000	
26						
27						
28	<b>SOLAR ENERGY</b>				<b>441,000</b>	



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Project 1 Demo Buildings</b>					
3						
4	Demo existing nine buildings	24,934	SF	5.00	124,670	
5						
6						
7	<b>PROJECT 1 DEMO BUILDINGS</b>				<b>124,670</b>	
8						
9	<b>Project 1 Site Engineering</b>					
10						
11	Site grading, site utilities	313,500	SF	5.00	1,567,500	
12						
13						
14	<b>PROJECT 1 SITE ENGINEERING</b>				<b>1,567,500</b>	
15						
16	<b>Project 1 Site Design/Landscaping</b>					
17						
18	Allow for demolition, clearing and grading	290,470	SF	1.50	435,705	100%
19	New asphalt	87,141	SF	5.00	435,705	30%
20	Concrete	87,141	SF	35.00	3,049,935	30%
21	Landscaping	116,188	SF	18.00	2,091,384	40%
22						
23						
24	<b>PROJECT 1 SITE DESIGN/LANDSCAPING</b>				<b>6,012,729</b>	
25						
26	<b>Project 1 Replace Buildings</b>					
27						
28	New building construction	32,900	SF	550.00	18,095,000	classroom building
29						
30						
31	<b>PROJECT 1 REPLACE BUILDINGS</b>				<b>18,095,000</b>	
32						
33	<b>Solar Energy</b>					
34						
35	Install roof mounted/free standing solar arrays	148	KW	4,500.00	666,000	148kW
36						
37						
38	<b>SOLAR ENERGY</b>				<b>666,000</b>	



STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Solar Energy</b>					
3						
4	Install roof mounted/free-standing solar arrays	171	KW	4,500.00	769,500	170kW
5						
6						
7	<b>SOLAR ENERGY</b>				<b>769,500</b>	



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Solar Energy</b>					
3						
4	Install roof mounted solar arrays	224	KW	4,500.00	1,008,000	224kW
5						
6						
7	<b>SOLAR ENERGY</b>				<b>1,008,000</b>	



VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Solar Energy</b>					
3						
4	Install roof mounted solar arrays	83	KW	4,500.00	373,500	83kW
5						
6						
7	<b>SOLAR ENERGY</b>				<b>373,500</b>	





CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Project 1 New Building</b>					
3							
4		Allow for clearing and grading	43,400	SF	1.50	65,100	100%
5		New building construction	43,400	SF	500.00	21,700,000	admin/MUR/classroom
6		Reconfigure parking/pickup/dropoff	1	LS	75,000.00	75,000	
7							
8							
9		<b>PROJECT 1 NEW BUILDING</b>				<b>21,840,100</b>	
10							
11		<b>Project 1 Demo Buildings</b>					
12							
13		Demo wood framed structures	25,040	SF	7.00	175,280	
14							
15							
16		<b>PROJECT 1 DEMO BUILDINGS</b>				<b>175,280</b>	
17							
18		<b>Project 1 Site Engineering</b>					
19							
20		Site grading, site utilities	189,500	SF	5.00	947,500	
21							
22							
23		<b>PROJECT 1 SITE ENGINEERING</b>				<b>947,500</b>	
24							
25		<b>Project 1 Site Design/Landscaping/Improvements</b>					
26							
27		Allow for demolition, clearing and grading	163,500	SF	1.50	245,250	100%
28		Asphalt	65,400	SF	5.00	327,000	40%
29		Concrete	65,400	SF	35.00	2,289,000	40%
30		Softscape	32,700	SF	18.00	588,600	20%
31							
32							
33		<b>PROJECT 1 SITE DESIGN/LANDSCAPING/IMPROVEMENTS</b>				<b>3,449,850</b>	
34							
35		<b>Project 2 New Buildings</b>					
36							
37		New building construction	33,900	SF	575.00	19,492,500	STEM classroom
38							
39							
40		<b>PROJECT 2 NEW BUILDINGS</b>				<b>19,492,500</b>	
41							
42		<b>Project 2 Demo Building</b>					
43							
44		Demo existing building	17,705	SF	7.00	123,935	
45							
46							
47		<b>PROJECT 2 DEMO BUILDING</b>				<b>123,935</b>	
48							
49		<b>Project 2 Site Engineering</b>					
50							
51		Site grading, site utilities	46,950	SF	5.00	234,750	
52							
53							
54		<b>PROJECT 2 SITE ENGINEERING</b>				<b>234,750</b>	
55							
56		<b>Project 2 Site Design/Landscaping/Improvements</b>					
57							
58		Allow for demolition, clearing and grading	26,600	SF	5.00	133,000	100%
59		Concrete	15,960	SF	35.00	558,600	60%
60		Softscape	10,640	SF	18.00	191,520	40%
61							
62							
63		<b>PROJECT 2 SITE DESIGN/LANDSCAPING/IMPROVEMENTS</b>				<b>883,120</b>	
64							



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
65							
66		<b>Project 3 New Buildings</b>					
67		New building construction	26,100	SF	550.00	14,355,000	classrooms
68							
69							
70		<b>PROJECT 3 NEW BUILDINGS</b>				<b>14,355,000</b>	
71							
72		<b>Project 3 Demo Building</b>					
73							
74		Demo existing building	16,140	SF	7.00	112,980	
75							
76							
77		<b>PROJECT 3 DEMO BUILDING</b>				<b>112,980</b>	
78							
79		<b>Project 3 Site Engineering</b>					
80							
81		Site grading, site utilities	74,950	SF	5.00	374,750	
82							
83							
84		<b>PROJECT 3 SITE ENGINEERING</b>				<b>374,750</b>	
85							
86		<b>Project 3 Site Design/Landscaping/Improvements</b>					
87							
88		Allow for demolition, clearing and grading	59,300	SF	1.50	88,950	100%
89		Asphalt	23,720	SF	5.00	118,600	40%
90		Concrete	23,720	SF	35.00	830,200	40%
91		Softscape	11,860	SF	18.00	213,480	20%
92							
93							
94		<b>PROJECT 3 SITE DESIGN/LANDSCAPING/IMPROVEMENTS</b>				<b>1,251,230</b>	
95							
96		<b>Solar Energy</b>					
97							
98		Install roof mounted/free standing	381	KW	4,500.00	1,714,500	169KW
99							
100							
101		<b>SOLAR ENERGY</b>				<b>1,714,500</b>	



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<b>Project 1A Demo Mot &amp; Portables</b>					
3							
4		Demo existing	5,760	SF	7.00	40,320	
5							
6							
7		<b>PROJECT 1A DEMO MOT &amp; PORTABLES</b>				<b>40,320</b>	
8							
9		<b>Project 1A Site Engineering</b>					
10							
11		Site grading, site utilities	82,800	SF	5.00	414,000	
12							
13							
14		<b>PROJECT 1A SITE ENGINEERING</b>				<b>414,000</b>	
15							
16		<b>Project 1A New Buildings</b>					
17							
18		New building construction	25,900	SF	550.00	14,245,000	MOT/preschool
19							
20							
21		<b>PROJECT 1A NEW BUILDINGS</b>				<b>14,245,000</b>	
22							
23		<b>Project 1A Site Design/Landscaping/Improvements</b>					
24							
25		Allow for demolition, clearing and grading	67,300	SF	1.50	100,950	100%
26		Asphalt	13,460	SF	5.00	67,300	20%
27		Concrete	26,920	SF	35.00	942,200	40%
28		Softscape	26,920	SF	18.00	484,560	40%
29							
30							
31		<b>PROJECT 1A SITE DESIGN/LANDSCAPING/IMPROVEMENTS</b>				<b>1,595,010</b>	
32							
33		<b>Project 1B Demo Building</b>					
34							
35		Demo existing	15,220	SF	7.00	106,540	
36							
37							
38		<b>PROJECT 1B DEMO BUILDING</b>				<b>106,540</b>	
39							
40		<b>Project 1B Site Engineering</b>					
41							
42		Site grading, site utilities, site amenities/student use areas	24,800	SF	10.00	248,000	
43							
44							
45		<b>PROJECT 1B SITE ENGINEERING</b>				<b>248,000</b>	
46							
47		<b>Project 1B New Buildings</b>					
48							
49		New building construction	11,100	SF	550.00	6,105,000	classrooms
50							
51							
52		<b>PROJECT 1B NEW BUILDINGS</b>				<b>6,105,000</b>	
53							
54		<b>Project 1B New Library In Renovated Bldg</b>					
55							
56		Renovation	4,784	SF	300.00	1,435,200	
57							
58							
59		<b>PROJECT 1B NEW LIBRARY IN RENOVATED BLDG</b>				<b>1,435,200</b>	
60							



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
61		<b>Project 2 Demo Building</b>					
62							
63		Demo existing building	22,396	SF	7.00	156,772	
64							
65							
66		<b>PROJECT 2 DEMO BUILDING</b>				<b>156,772</b>	
67							
68		<b>Project 2 Site Engineering</b>					
69							
70		Site grading, site utilities	140,000	SF	5.00	700,000	
71							
72							
73		<b>PROJECT 2 SITE ENGINEERING</b>				<b>700,000</b>	
74							
75		<b>Project 2 Site Frontage Improvements</b>					
76							
77		Expand pickup/dropoff/parking	55,000	SF	23.00	1,265,000	100%
78							
79							
80		<b>PROJECT 2 SITE FRONTAGE IMPROVEMENTS</b>				<b>1,265,000</b>	
81							
82		<b>Project 2 Site Design/Landscaping/Improvements</b>					
83							
84		Landscaped courtyards	48,000	SF	18.00	864,000	100%
85							
86							
87		<b>PROJECT 2 SITE DESIGN/LANDSCAPING/IMPROVEMENTS</b>				<b>864,000</b>	
88							
89		<b>Project 2 New Buildings</b>					
90							
91		New building construction	8,800	SF	550.00	4,840,000	admin facility
92							
93							
94		<b>PROJECT 2 NEW BUILDINGS</b>				<b>4,840,000</b>	
95							
96		<b>Project 2 New Mur/Kitchen/Snack Shack</b>					
97							
98		New building construction	11,600	SF	650.00	7,540,000	Excludes kitchen equipment
99							
100							
101		<b>PROJECT 2 NEW MUR/KITCHEN/SNACK SHACK</b>				<b>7,540,000</b>	
102							
103		<b>Project 2 New Classroom Building</b>					
104							
105		New building construction	13,900	SF	550.00	7,645,000	
106							
107							
108		<b>PROJECT 2 NEW CLASSROOM BUILDING</b>				<b>7,645,000</b>	
109							
110		<b>Solar Energy</b>					
111							
112		Install roof mounted/free standing solar arrays	347	KW	4,500.00	1,561,500	350kW
113							
114							
115		<b>SOLAR ENERGY</b>				<b>1,561,500</b>	



MONTECITO PRESCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Modernize Portables For Classroom And Office</b>					
3						
4	Modernize portables for new preschool classrooms & office	12,480	SF	160.00	1,996,800	
5						
6						
7	<b>MODERNIZE PORTABLES FOR CLASSROOM AND OFFICE</b>				<b>1,996,800</b>	
8						
9	<b>Modernize Courtyard</b>					
10						
11	Allow for demolition, clearing and grading	9,400	SF	1.50	14,100	100%
12	Concrete	5,640	SF	35.00	197,400	60%
13	Softscape	3,760	SF	18.00	67,680	40%
14	New Playground/Play Areas	3	LOC	50,000.00	150,000	
15						
16						
17	<b>MODERNIZE COURTYARD</b>				<b>429,180</b>	



COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	<b>Demo Buildings</b>					
3						
4	Demo existing	9,042	SF	7.00	63,294	
5						
6						
7	<b>DEMO BUILDINGS</b>				<b>63,294</b>	
8						
9	<b>Site Improvements</b>					
10						
11	Allow for demolition, clearing and grading	134,900	SF	1.50	202,350	100%
12	Asphalt	121,410	SF	5.00	607,050	
13	Softscape	13,490	SF	18.00	242,820	
14						
15						
16	<b>SITE IMPROVEMENTS</b>				<b>1,052,220</b>	
17						
18	<b>New Shop</b>					
19						
20	New shop (metal, wood weld)	6,700	SF	450.00	3,015,000	Shop facility for metal, wood and welding work. Specialized ventilation to contain airborne particulates/gases. 15' tall. Steel frame structure.
21						
22						
23	<b>NEW SHOP</b>				<b>3,015,000</b>	
24						
25	<b>New Warehouse</b>					
26						
27	New warehouse	10,300	SF	100.00	1,030,000	High-bay warehouse, torokintight truck accessible, storage racks and oversized items. 25' tall. Steel frame structure.
28						
29						
30	<b>NEW WAREHOUSE</b>				<b>1,030,000</b>	
31						
32	<b>New Admin/Office Building</b>					
33						
34	New building	1,800	SF	550.00	990,000	Offices for 4 pns, conference & break rm for 20 pns (2), restrooms/kitchen/lockers/shower. 15' tall. Wood or steel frame structure.
35						
36						
37	<b>NEW ADMIN/OFFICE BUILDING</b>				<b>990,000</b>	
38						
39	<b>New Covered Laydown Facility</b>					
40						
41	New covered laydown facility	5,000	SF	175.00	875,000	Open-sided covered structure for material and equipment laydown.
42						
43						
44	<b>NEW COVERED LAYDOWN FACILITY</b>				<b>875,000</b>	
45						
46	<b>Vehicle Laydown</b>					
47						
48	Vehicle laydown					See Site improvements
49						
50						
51	<b>VEHICLE LAYDOWN</b>					
52						



COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53	<b>New District Kitchen</b>					
54						
55	New kitchen building	6,400	SF	650.00	4,160,000	Excludes kitchen equipment
56						
57						
58	<b>NEW DISTRICT KITCHEN</b>				<b>4,160,000</b>	
59						
60	<b>Site Improvements</b>					
61						
62	Allow for demolition, clearing and grading	28,800	SF	1.50	43,200	100%
63	Asphalt	28,800	SF	5.00	144,000	
64	Softscape	3,200	SF	18.00	57,600	
65						
66						
67	<b>SITE IMPROVEMENTS</b>				<b>244,800</b>	
68						
69	<b>Solar Energy</b>					
70						
71	Install roof mounted solar arrays	9,200	SF	70.00	644,000	
72						
73						
74	<b>SOLAR ENERGY</b>				<b>644,000</b>	

