



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

www.tbdconsultants.com



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:

Escalation:	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
TOTAL AREA	505,413 SF



EXECUTIVE SUMMARY

	GSF	\$ / SF	TOTAL	COMMENTS
PROJECT COSTS INCLUDING MARKUPS & SOFT COSTS				
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	
TOTAL CONSTRUCTION COST	505,413 GSF	\$617.57	312,125,509	

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ibd consultants

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 September 30, 2019

MAJOR CONSTRUCTION COST SUMMARY

PHASE/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	51,500	973,450	2,095,192	1,274,816	142,520	345,800	63,000
1 FENCES AND GATES - ORNAMENTAL	668,420	38,000		75,000	100,000				138,000				
1 FENCES AND GATES - CHAIN LINK	346,000	108,200		90,750			57,000		1,038,400				
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	4,029,500		562,500	562,500	562,500	562,500	562,500	562,500	562,500			562,500	102,000
1 USHTHS	236,200			236,200									
1 PLAYGROUND K	613,700			133,700					348,400				
1 NEW ASPHALT OVERLAY	220,600			220,600									
1 ADMIN/EXTENDED CARE EXPANSION	4,081,000					1,485,000		827,000				484,000	
1 MODERNIZE LOW RISE BLDG	1,022,000				1,122,000								
1 STORAGE	715,000					357,500					1,518,615		
1 COLLABORATIVE SPACES AT LIBRARY	1,518,615										2,818,000		
1 UTILITY SURVEY	2,818,000										42,000		
1 PLUMBING REPAIRS	1,075,000								1,075,000				
1 OUTDOOR LANDSCAPED AREAS	2,511,400							2,197,700					
1 LANDSCAPE - COURTYARDS	2,526,213								722,138			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
SUBTOTAL PROJECT 1	58,774,849	4,085,520	1,346,116	6,862,778	2,672,063	1,869,500	1,773,871	2,801,750	4,009,674	841,500	11,294,117	5,716,091	647,200
2 USHTHS	542,600		271,000	269,600									
2 NEW ASPHALT OVERLAY	846,200	348,200	397,000										
2 UTILITY SURVEY	345,700	48,000	96,400	56,000	42,400							64,000	75,000
2 TECHNOLOGY UPGRADE	478,250	65,000	42,375	42,375	36,250		30,500	25,000	73,540				94,000
2 OUTDOOR LEARNING CLASSROOM	3,891,900	1,561,350			1,268,400								13,000
2 FENCES & GATES - ORNAMENTAL	381,200		75,000						88,000				248,000
2 MULTIMEDIA CENTER	389,072				389,072								
2 OUTDOOR LANDSCAPED SPACES	2,821,225		1,331,860	1,189,278									
2 PEDESTRIAN TRAIL	61,700			61,700									
2 DRINKING FOUNTAINS	20,000				20,000								
2 STAFF PARKING	272,800												
2 LIBRARY MODERNIZATION/EXPANSION	1,889,725						74,100	198,000			1,607,725		
2 COLLABORATIVE/INSTRUCTIONAL SPACES	313,588								313,588				
2 STORAGE EXPANSION	495,000								495,000				
2 CLASSROOM MODERNIZATION	879,175										3,922,440		4,868,875
2 BUILDING STRUCTURAL UPGRADE	65,000										65,000		
2 ELECTRICAL UPGRADE	340,000										340,000		
2 PLUMBING REPAIRS	2,140,000												2,140,000
2 SHADE STRUCTURE	1,126,000								562,500				1,185,000
2 LANDSCAPE - COURTYARDS	2,751,700												2,751,700
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
SUBTOTAL PROJECT 2	37,438,407	2,228,000	2,072,425	1,716,477	2,261,716	592,100	1,712,538	598,000	5,664,878	562,500	10,897,242	6,184,574	13,000
3 ROOF REPAIR	1,341,262	214,000	295,212	295,212					295,212				251,848
3 WINDOW REPLACEMENT	13,045,000	1,375,000	1,350,000	1,300,000	1,100,000		1,500,000		1,616,000		2,450,000		2,465,000
3 UTILITY NETWORK REPAIRS	4,003,000	733,000	571,000	660,000	433,000				480,000		720,000		485,700
3 RESTROOM MODERNIZATION/EXPANSION	794,170	103,100	103,400	107,725	103,300				124,220				252,425
3 PLAYGROUND K	315,450	167,880	167,880										
3 PLAYGROUND H-S	602,800	211,200	280,800										
3 ADMIN/EXTENDED CARE EXPANSION	2,975,000	1,485,000	1,485,000								130,600		
3 DRINKING FOUNTAIN	20,000			20,000									
3 FENCES AND GATES ORNAMENTAL	320,400				183,000				51,900				
3 COLLABORATIVE/INSTRUCTIONAL SPACES	1,881,000												118,000
3 COVERED WALKWAY	620,000								620,000				
3 SHADE STRUCTURE	662,000								662,000				
3 CLASSROOM STORAGE EXPANSION	21,800										21,800		
3 SPOKE REPAIRS	300,000										300,000		
3 MULTIMEDIA CENTER UPGRADE	78,500										78,500		



MAJOR CONSTRUCTION COST SUMMARY

PROJECT/PROJECT	TOTAL	BUBB	KUFF	LANDLE	MIRAL	CASTRO	MONTALOMA	STEVENSON	TRIMMERKRAUF	VARGAS	CHITTBENDEN	GRAHAM	LATHAM
2 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
SUBTOTAL PRIORITY 3	28,866,122	4,200,269	4,353,573	2,199,323	3,682,200	1,246,600	2,167,078	78,500	3,361,566	2,674,365	4,587,846		
4 PEDESTRIAN TRAIL	52,200	62,900											
4 COURTESY WALKWAY	2,642,000	400,000			483,000	332,500		133,000					
4 PICKUP/DROPOFF PARKING	470,000			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/COACH - RELOCATE W/EE ENCLOSURE	30,000										30,000		
SUBTOTAL PRIORITY 4	3,971,450	472,250	1,100,800	483,000	332,500	133,000		451,700	225,000	474,000			
TBD SOLAR PANELS	TBD												
TBD ELECTRICAL UPGRADE	624,000								624,000				
TBD STRUCTURAL UPGRADE	348,750										348,750		
SUBTOTAL PRIORITY TBD	624,000								624,000		348,750		
PROJECT COSTS	121,719,908	11,099,649	8,772,114	11,269,342	6,948,592	3,663,638	11,728,579	3,480,293	15,292,838	1,684,800	25,969,824	19,922,997	693,220
FFR REQUIREMENTS	5.0%	6,086,000	392,872	498,666	566,978	447,278	182,163	566,120	170,013	760,142	70,200	1,263,491	966,625
JOBITE MANAGEMENT	10.0%	12,172,000	1,109,548	877,211	1,123,668	894,954	364,326	1,172,668	340,028	1,520,285	148,400	2,566,982	1,993,251
ESTIMATE SUB-TOTAL	139,877,897	12,718,366	10,067,931	12,864,520	10,291,386	4,189,508	13,483,566	3,910,288	17,483,377	1,814,800	29,530,298	22,822,383	739,245
INSURANCE - BONDING	2.0%	3,496,460	317,869	252,188	324,883	267,300	104,738	337,138	97,797	437,082	40,365	738,007	673,000
FFR	5.0%	6,086,000	610,918	526,397	668,728	514,620	209,478	674,278	189,516	874,168	80,750	1,478,016	1,146,119
ESTIMATE SUB-TOTAL	156,476,467	13,672,244	11,844,528	13,866,109	11,652,866	4,562,721	14,868,882	4,202,589	18,764,513	1,794,855	31,748,326	24,641,562	819,269
DESIGN CONTINGENCY	15.0%	23,471,462	2,059,837	1,628,679	2,085,366	1,659,684	675,658	2,174,647	630,634	2,818,178	263,354	4,760,148	3,694,254
CONSTRUCTION CONTINGENCY	10.0%	15,647,656	1,367,224	1,084,463	1,386,911	1,108,160	450,372	1,448,699	420,399	1,678,462	175,570	3,173,432	2,464,199
SOFT COSTS	30.0%	45,119,118	4,101,673	3,203,368	4,169,723	3,316,199	1,361,116	4,349,959	1,291,095	5,200,317	630,709	9,204,469	7,164,663
ESTIMATE SUB-TOTAL	232,238,228	21,191,878	16,808,818	21,623,120	17,149,829	6,989,787	22,678,228	6,515,517	28,131,519	2,499,327	48,188,198	38,194,421	1,285,134
ESCALATION	83.0%	78,887,171	7,167,669	5,699,238	7,323,301	5,800,244	2,361,074	7,608,098	2,203,714	9,853,022	968,937	16,638,768	12,918,930
ESTIMATE TOTAL	312,125,258	28,259,687	23,498,254	28,973,620	22,698,288	9,361,241	36,916,260	8,719,321	36,984,322	3,668,265	65,926,926	51,112,521	1,893,403



BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 36,955

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				719,360	32 \$/SF
8							
9		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				98,000	
17							
18		Fences And Gates - Chain Link					
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	FENCES AND GATES - CHAIN LINK				109,250	
27							
28		Pickup/Dropoff, Parking					
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	PICKUP/DROPOFF, PARKING				793,000	23 \$/SF
41							
42		Collaborative Instructional Spaces					
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	COLLABORATIVE INSTRUCTIONAL SPACES				2,349,320	89 \$/SF
53							
54		Lighting					
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	COVERED WALKWAY				420,000	35 \$/SF
181							
182		<u>Solar Panels</u>					Under District Study - excluded
183							
184							
185	TBD	SOLAR PANELS					



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	REPLACE HVAC				683,616	32 \$/SF
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	SHADE STRUCTURE				562,500	125 \$/SF
15							
16		<u>Fences & 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	FENCES & GATES - ORNAMENTAL				76,200	
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	LIGHTING				269,500	2 \$/SF
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	NEW ASPHALT OVERLAY				297,000	6 \$/SF
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	UTILITY SURVEY				55,400	
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	TECHNOLOGY UPGRADE				42,375	
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	OUTDOOR LANDSCAPED SPACES				1,331,950	43 \$/SF
69							
70		<u>Roof Repair</u>					
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	ROOF REPAIR				205,723	7 \$/SF
76							
77		<u>WINDOW REPLACEMENT</u>					
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	WINDOW REPLACEMENT				1,320,000	
83							
84		<u>Utility Network Repairs</u>					
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	UTILITY NETWORK REPAIRS				831,000	3 \$/SF
90							
91		<u>Restroom Modernization</u>					
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	RESTROOM MODERNIZATION				103,400	68 \$/SF
100							
101		<u>Playground K</u>					
102							
103		Demolish existing	3,150	SF	1.00	3,150	
104		Rough and fine grading, allow	3,150	SF	0.50	1,575	
105		Tot turf	3,150	SF	18.00	56,700	
106		Drainage	3,150	SF	2.50	7,875	
107		Irrigation	3,150	SF	3.00	9,450	
108		Lighting	3,150	SF	3.00	9,450	
109		Play equipment allowance	1	LS	50,000.00	50,000	
109		Miscellaneous site benches, furnishings etc	3,150	SF	3.00	9,450	
110							
112							
113	3	PLAYGROUND K				147,650	47 \$/SF
114							
115		<u>Playground 1-5</u>					



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	PLAYGROUND 1-5				260,800	38 \$/SF
128							
129		<u>Admin/Extended Care Expansion</u>					
130							
131		New building allowance	2,700	SF	550.00	1,485,000	
132							
133							
134	3	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
135							
136		<u>Pickup/Dropoff, Parking</u>					
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	PICKUP/DROPOFF, PARKING				470,000	25 \$/SF
147							
148		<u>Covered Walkway</u>					
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	COVERED WALKWAY				630,000	35 \$/SF
154							
155		<u>Solar Panels</u>					Under District Study - excluded
156							
157							
158	TBD	SOLAR PANELS					



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				683,616	32 \$/SF
8							
9		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				76,000	
18							
19		Fences And Gates - Chain Link					
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	FENCES AND GATES - CHAIN LINK				90,750	
28							
29		Pickup/Dropoff, Parking					
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	PICKUP/DROPOFF, PARKING				1,200,400	26 \$/SF
42							
43		Collaborative Instructional Spaces					
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	COLLABORATIVE INSTRUCTIONAL SPACES				2,118,912	85 \$/SF
54							
55		Lighting					
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	LIGHTING				236,250	2 \$/SF
62							
63		Playground K					
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	PLAYGROUND K				133,700	50 \$/SF
76							
77		New Asphalt Overlay					
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	NEW ASPHALT OVERLAY				320,650	6 \$/SF
84							
85		Admin/Extended Care Expansion					
86							
87		New building allowance	2,700	SF	550.00	1,485,000	
88							
89							
90	1	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
91							
92		Shade Structure					
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	SHADE STRUCTURE				562,500	125 \$/SF
98							
99		Utility Survey					
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	UTILITY SURVEY				56,000	
105							
106		Technology Upgrade					
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	TECHNOLOGY UPGRADE				42,375	
112							
113		MUR Modernization					
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	MUR MODERNIZATION				369,072	69 \$/SF
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	OUTDOOR LANDSCAPED SPACES				1,189,275	43 \$/SF
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	PEDESTRIAN TRAIL				61,750	10 \$/SF
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	DRINKING FOUNTAIN				20,000	
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	ROOF REPAIR				202,608	7 \$/SF
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	WINDOW REPLACEMENT				1,300,000	
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	UTILITY NETWORK REPAIRS				560,000	2 \$/SF



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 35,232

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
176							
177		Restroom Modernization					
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	RESTROOM MODERNIZATION				107,725	66 \$/SF
186							
187		Covered Walkway					
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	COVERED WALKWAY				483,000	
193							
194		Solar Panels					Under District Study - excluded
195							
196							
197	TBD	SOLAR PANELS					



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				798,592	32 \$/SF
8							
9		Fences And Gates - Ornamental					
10							
11		Demo existing	1	LS	4,000.00	4,000	
12		Ornamental fence	630	LF	200.00	126,000	\$/ft
13		Gates	4	EA	5,000.00	20,000	pedestrian
14		Gates	2	EA	20,000.00	40,000	vehicular
15							
16							
17	1	FENCES AND GATES - ORNAMENTAL				190,000	
18							
19		Modernize Admin Building					
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	MODERNIZE ADMIN BUILDING				1,122,000	275 \$/SF
25							
26		Shade Structure					
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	SHADE STRUCTURE				562,500	125 \$/SF
32							
33		Roof Repair					
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	ROOF REPAIR				873,460	35 \$/SF
39							
40		Utility Survey					
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	UTILITY SURVEY				42,400	
46							
47		Technology Upgrade					
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	TECHNOLOGY UPGRADE				36,250	



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53							
54		Outdoor Learning Classroom					
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	OUTDOOR LEARNING CLASSROOM				1,289,600	44 \$/SF
69							
70		Drinking Fountains					
71							
72		Replace older drinking fountains with drinking stations	4	EA	5,000.00	20,000	
73							
74							
75	2	DRINKING FOUNTAINS				20,000	
76							
77		WINDOW REPLACEMENT					
78							
79		Replace existing glass windows with thermal insulating glass	1	LS	1,120,000.00	1,120,000	
80							
81							
82	3	WINDOW REPLACEMENT				1,120,000	
83							
84		FENCES AND GATES ORNAMENTAL					
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	FENCES AND GATES ORNAMENTAL				153,000	
92							
93		Collaborative Instructional Spaces					
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	COLLABORATIVE INSTRUCTIONAL SPACES				1,881,960	85 \$/SF
104							
105		Utility Network Repairs					
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	UTILITY NETWORK REPAIRS				424,000	2 \$/SF



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 29,116

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
111							
112		Restroom Modernization					
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	RESTROOM MODERNIZATION				103,300	76 \$/SF
121							
122		Covered Walkway					
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	COVERED WALKWAY				332,500	35 \$/SF
128							
129		Solar Panels					Under District Study - excluded
130							
131							
132	TBD	SOLAR PANELS					



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		Replace HVAC					
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	REPLACE HVAC				860,256	32 \$/SF
8							
9		Fences And Gates - Chain Link					
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	FENCES AND GATES - CHAIN LINK				139,000	
17							
18		Collaborative Spaces At Library					
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	COLLABORATIVE SPACES AT LIBRARY				1,518,615	315 \$/SF
24							
25		Playground K					
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	PLAYGROUND K				130,600	50 \$/SF
38							
39		Playground Modernization					
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	PLAYGROUND MODERNIZATION				2,818,000	31 \$/SF
52							
53		Shade Structure					
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	SHADE STRUCTURE				562,500	125 \$/SF
59							



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61		Admin Support Services					
62							
63		New building allowance	1,140	SF	550.00	627,000	
64							
65	1	ADMIN SUPPORT SERVICES				627,000	550 \$/SF
66							
67		Utility Survey					
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	UTILITY SURVEY				43,000	
73							
74		Plumbing Repairs					
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	PLUMBING REPAIRS				1,075,000	5 \$/SF
80							
81		Technology Upgrade					
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	TECHNOLOGY UPGRADE				30,500	
87							
88		Outdoor Learning Classroom					
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	OUTDOOR LEARNING CLASSROOM				1,100,950	45 \$/SF
103							
104		Staff Parking					
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	STAFF PARKING				198,500	12 \$/SF



MONTE LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 40,379

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
115		Collaborative Instructional Spaces					
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	COLLABORATIVE INSTRUCTIONAL SPACES				313,588	21 \$/SF
126							
127		Fences And Gates - Oranmental					
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	FENCES AND GATES - ORANMENTAL				69,000	
135							
136		Restroom Modernization					
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	RESTROOM MODERNIZATION				124,220	194 \$/SF
147							
148		CLASSROOM STORAGE EXPANSION					
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	CLASSROOM STORAGE EXPANSION				21,600	
155							
156		SPED SENSORY SPACE					
157							
158		Renovate space in Bldg. P for sensory space	1,500	SF	200.00	300,000	
159							
160							
161	3	SPED SENSORY SPACE				300,000	200 \$/SF
162							
163		WINDOW REPLACEMENT					
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	WINDOW REPLACEMENT				1,500,000	
169							
170		Utility Network Repairs					
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	UTILITY NETWORK REPAIRS				161,250	1 \$/SF
176							
177		Covered Walkway					
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	COVERED WALKWAY				133,000	35 \$/SF
183							
184		Solar Panels					Under District Study - excluded
185							
186							
187	TBD	SOLAR PANELS					



STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 32,079

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				51,500	
10							
11		Shade Structure					
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	SHADE STRUCTURE				562,500	125 \$/SF
17							
18		Outdoor Landscaped Areas					
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	OUTDOOR LANDSCAPED AREAS				2,187,750	46 \$/SF
34							
35		Technology Upgrade					
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	TECHNOLOGY UPGRADE				25,000	
41							
42		Storage Expansion					
43							
44		New storage building	1,800	SF	275.00	495,000	
45							
46							
47	2	STORAGE EXPANSION				495,000	275 \$/SF
48							
49		MUR Modernization/A-V Upgrade					
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	MUR MODERNIZATION/A-V UPGRADE				78,500	
56							
57		Solar Panels					Under District Study - excluded
58							
59							
60	TBD	SOLAR PANELS					\$0 / SF



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				979,456	32 \$/SF
8							
9		Playground K					
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	PLAYGROUND K				349,460	38 \$/SF
23							
24		Landscape - Courtyards					
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	LANDSCAPE - COURTYARDS				722,138	51 \$/SF
39							
40		Shade Structure					
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	SHADE STRUCTURE				562,500	125 \$/SF
46							
47		Utility Survey					
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	UTILITY SURVEY				48,000	0 \$/SF



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53							
54		Plumbing Repairs					
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	PLUMBING REPAIRS				1,200,000	5 \$/SF
60							
61		Pickup/Dropoff, Parking					
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	PICKUP/DROPOFF, PARKING				1,039,420	21 \$/SF
74							
75		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				246,000	
83							
84		Library Modernization					
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	LIBRARY MODERNIZATION				1,557,725	325 \$/SF
90							
91		Technology Upgrade					
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	TECHNOLOGY UPGRADE				73,545	
97							
98		Classroom Modernization					
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	CLASSROOM MODERNIZATION				3,922,400	160 \$/SF



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
104							
105		Building Structural Upgrade					
106							
107		Allowance for shear and structural supports	1,300	SF	50.00	65,000	
108							
109							
110	2	BUILDING STRUCTURAL UPGRADE				65,000	50 \$/SF
111							
112		Playground 1-5					
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	PLAYGROUND 1-5				130,600	50 \$/SF
125							
126		Landscape - Campus Frontage					
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	LANDSCAPE - CAMPUS FRONTAGE				999,600	36 \$/SF
139							
140		WINDOW REPLACEMENT					
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	WINDOW REPLACEMENT				1,515,000	
146							
147		Roof Repair					
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	ROOF REPAIR				236,306	7 \$/SF
153							
154		Utility Network Repairs					
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	UTILITY NETWORK REPAIRS				480,000	2 \$/SF



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 37,969

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
160							
161		<u>New Asphalt Overlay</u>					
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	NEW ASPHALT OVERLAY				214,700	6 \$/SF
169							
170		<u>Restroom Modernization</u>					
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	RESTROOM MODERNIZATION				237,000	125 \$/SF
181							
182		<u>Electrical Upgrade</u>					
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	ELECTRICAL UPGRADE				624,000	
188							
189		<u>Solar Panels</u>					Under District Study - excluded
190							
191							
192	TBD	SOLAR PANELS					



VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 25,488

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		<u>Admin Support Services</u>					
3							
4		New building allowance	880	SF	550.00	484,000	
5							
6							
7	1	ADMIN SUPPORT SERVICES				484,000	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>Shade Structure</u>					
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	SHADE STRUCTURE				562,500	125 \$/SF
22							
23		<u>Solar Panels</u>					Under District Study - excluded
24							
25							
26	TBD	SOLAR PANELS					



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				2,080,192	32 \$/SF
8							
9		Locker Room Modernization/Replacement					
10							
11		Construct new locker rooms facility	4,691	SF	500.00	2,345,500	
12							
13							
14	1	LOCKER ROOM MODERNIZATION/REPLACEMENT				2,345,500	500 \$/SF
15							
16		New PE Classroom					
17							
18		Construct new PE Classroom	1,200	SF	500.00	600,000	
19							
20							
21	1	NEW PE CLASSROOM				600,000	500 \$/SF
22							
23		Frontage Improvement					
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	FRONTAGE IMPROVEMENT				2,691,800	24 \$/SF
37							
38		Signage Marquis					
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	SIGNAGE MARQUIS				85,000	
45							
46		MUR Modernization/Replacement					
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	MUR MODERNIZATION/REPLACEMENT				3,304,000	350 \$/SF
52							
53		Security System Upgrade - PA					
54							
55		Upgrade PA system to enable remote access	1	LS	15,000.00	15,000	
56							
57							
58	1	SECURITY SYSTEM UPGRADE - PA				15,000	



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 106,781

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
59							
60		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				142,625	
68							
69		Drinking Fountains					
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	DRINKING FOUNTAINS				30,000	
75							
76		Electrical Upgrade					
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	ELECTRICAL UPGRADE				240,000	
82							
83		Utility Survey					
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	UTILITY SURVEY				64,000	0 \$/SF
89							
90		PLUMBING REPAIRS					
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	PLUMBING REPAIRS				960,000	3 \$/SF
96							
97		Shade Structure					
98							
99		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	
100							
101							
102	2	SHADE STRUCTURE				562,500	125 \$/SF
103							
104		Landscape - Courtyards					
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	LANDSCAPE - COURTYARDS				2,731,750	48 \$/SF
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	CLASSROOM MODERNIZATION				4,868,875	275 \$/SF
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	ROOF REPAIR				824,967	33 \$/SF
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	TECHNOLOGY UPGRADE				98,750	
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	RESTROOM MODERNIZATION				476,750	159 \$/SF
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	WINDOW REPLACEMENT				2,450,000	
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	ROOF REPAIR				204,365	7 \$/SF
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	UTILITY NETWORK REPAIR				320,000	1 \$/SF
175							
176		<u>Playfield Rail Upgrade</u>					
177							
178		Replace rail, allowance	1	LS	25,000.00	25,000	
179							
180							
181	4	PLAYFIELD RAIL UPGRADE				25,000	
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	AUDITORIUM SYSTEMS UPGRADE				200,000	
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	STRUCTURAL UPGRADE				348,750	75 \$/SF
196							
197		<u>Solar Panels</u>					
198							Under District Study - excluded
199							
200	TBD	SOLAR PANELS					



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 84,173

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
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	REPLACE HVAC				1,274,816	32 \$/SF
8							
9		Classroom Modernization					
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	CLASSROOM MODERNIZATION				1,758,900	275 \$/SF
15							
16		Landscape - Courtyards					
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	LANDSCAPE - COURTYARDS				1,803,075	43 \$/SF
31							
32		Shade Structure					
33							
34		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	
35							
36							
37	1	SHADE STRUCTURE				562,500	125 \$/SF
38							
39		Fences And Gates - Ornamental					
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	FENCES AND GATES - ORNAMENTAL				316,800	
47							
48		Utility Survey					
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	UTILITY SURVEY				79,000	0 \$/SF
54							
55		Plumbing Repairs					
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	PLUMBING REPAIRS				1,185,000	3 \$/SF
61							
62		Gym Modernization					
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	GYM MODERNIZATION				7,300,000	250 \$/SF
69							
70		Locker Room Modernization					Included with Gym Modernization above
71							
72							
73	2	LOCKER ROOM MODERNIZATION					
74							
75		Roof Repair					
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	ROOF REPAIR				537,570	33 \$/SF
81							
82		Technology Upgrade					
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	TECHNOLOGY UPGRADE				53,000	
88							
89		Signage - Campus Frontage					
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	SIGNAGE - CAMPUS FRONTAGE				85,000	
96							
97		WINDOW REPLACEMENT					
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	WINDOW REPLACEMENT				2,465,000	
103							
104		Fences And Gates - Ornamental					
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		Site Accessibility					
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	SITE ACCESSIBILITY				51,030	32 \$/SF
10							
11		Play Cluster					
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	PLAY CLUSTER				77,000	77 \$/SF
19							
20		Fences And Gates					
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	FENCES AND GATES				93,500	
28							
29		Shade Structure					
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	SHADE STRUCTURE				102,000	85 \$/SF
35							
36		Outdoor Landscaped Spaces					
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	OUTDOOR LANDSCAPED SPACES				323,700	46 \$/SF
53							
54		Technology Upgrades					
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	TECHNOLOGY UPGRADES				13,000	



LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF : 5,760

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

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%
--------------------------	-------

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%
------------	-------

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:

Escalation:	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)

PROJECT	TOTAL	FAIR	HOFF	LANDER	NEUTRAL	CASTRO	MONTA LOMA	STEVENS	THURGOOD	VANARS	CHETWOOD	GRAHAM	MONTICELLO	COOPER
PROJECT 1 DEMO BUILDING	818,881	78,100	71,813	68,818			124,459							
PROJECT 1 SITE ENGINEERING	4,223,200	618,000	483,500	506,700			1,617,500							
PROJECT 1 SITE DEMOGRAPHIC/ANALYSIS/PAVING/PAVEMENT/CONCRETE	12,263,979	897,000	1,028,000	888,400			8,812,729							
PROJECT 1 REBELD PLAYGROUND	969,700	369,000	145,000	275,500										
PROJECT 1 REPLACE BUILDING	12,083,100	11,529,000	10,729,000	10,395,000					19,099,000					
PROJECT 1A DEMO NOT 7 PORTABLES	462,200													
PROJECT 1A SITE ENGINEERING	414,000													
PROJECT 1A DEMO BUILDINGS	6,246,900													
PROJECT 1A SITE ENGINEERING/LANDSCAPING/IMPROVEMENTS	1,995,010													
PROJECT 1B DEMO BUILDING	109,540													
PROJECT 1B SITE ENGINEERING	249,000													
PROJECT 1B DEMO BUILDING	6,108,000													
PROJECT 1B NEW ENTRY IN RENOVATED BLDG	1,438,200													
PROJECT 1 NEW RESTROOMS	299,000													
PROJECT 1 NEW RESTROOMS	898,000		299,000	298,500		299,500								
PROJECT 2 DEMO PORTABLES	28,000													
PROJECT 2 NEW BUILDINGS	36,332,000										19,492,500		4,840,000	
PROJECT 2 NEW BUILDINGS	209,907										123,950		195,712	
PROJECT 2 SITE PROFESSIONAL IMPROVEMENTS	1,238,000										1,238,000		1,238,000	
PROJECT 2 NEW WASHROOM/BACKSHACK	2,648,000										2,648,000		2,648,000	
PROJECT 2 NEW CLASSROOM BUILDING	7,448,000										7,448,000		7,448,000	
PROJECT 2 SITE ENGINEERING	594,700										594,700		594,700	
PROJECT 2 SITE DEMOGRAPHIC/ANALYSIS/PAVING/PAVEMENT/CONCRETE/IMPROVEMENTS	1,747,120										1,747,120		1,747,120	
PROJECT 2 LANDSCAPING AND PLAY EQUIPMENT	637,000										637,000		637,000	
PROJECT 3 DEMO BUILDINGS	241,000										241,000		241,000	
PROJECT 3 SITE ENGINEERING	596,700										596,700		596,700	
PROJECT 3 SITE DEMOGRAPHIC/ANALYSIS/PAVING/PAVEMENT/CONCRETE	1,881,360										1,881,360		1,881,360	
PROJECT 3 REPLACE BUILDING	26,388,000										26,388,000		26,388,000	
SOLAR ENERGY	8,168,000		831,000	495,000	544,500	441,000		646,000	789,500	1,039,000	373,000		1,541,500	644,000
SECOND LEVEL DECK	472,000													
RAIL THREE NEW LEVEL ROOMS	1,287,000													
RAIL OPEN PAVILION DECK	144,000													
MODERNIZE PORTABLES FOR CLASSROOM AND OFFICE	1,936,000													
MODERNIZE COURTYARD	429,180													
DEMOS BUILDINGS	63,204													1,981,000
NEW SHOP	1,952,220													429,180
NEW WASHHOUSE	1,936,000													63,204
NEW ROOF/REPLACE BLDG DRAP	992,000													1,952,220
NEW COVERED LAPOW/FACILITY	875,000													1,936,000
NEW ELECTRICAL/FIT/REN	4,146,000													992,000
SITE IMPROVEMENTS	244,800													875,000
ESTIMATE SUBTOTAL	246,768,818	16,848,348	16,538,213	14,882,871	18,738,510	2,872,750	36,839,384	884,933	1,139,206	428,325	74,838,818	56,675,343	37,877,877	13,893,461
RESERVE - BUILDING	2.5%	6,169,220	412,609	388,295	370,372	489,895	65,844	169,895	21,123	28,880	50,738	1,967,476	1,401,889	59,747
RESERVE - FEE	5.0%	12,489,441	825,217	776,511	743,144	893,825	121,688	312,139	40,266	57,960	21,478	3,736,941	2,837,773	139,494
ESTIMATE SUBTOTAL	261,428,479	17,742,184	16,894,979	16,428,588	20,298,288	2,874,281	37,218,488	895,294	1,246,146	487,279	89,281,233	60,281,206	2,976,118	14,292,671
DEEMON CONTRIBUTION	19.0%	40,113,372	2,691,235	2,508,247	2,403,088	3,031,200	431,142	4,387,710	142,894	186,021	69,281	1,364,180	842,181	449,888
CONSTRUCTION CONTINGENCY	10.0%	26,142,848	1,774,317	1,688,498	1,603,089	2,020,840	297,423	2,371,847	89,129	124,814	46,714	8,000,123	6,209,121	299,912
SOFT COSTS	30.0%	80,227,944	5,323,450	5,008,494	4,806,176	6,062,519	862,284	9,115,540	295,289	373,842	138,122	24,682,349	19,348,343	899,735
ESTIMATE SUBTOTAL	461,916,642	27,869,397	26,827,317	26,827,317	31,333,616	4,465,176	56,713,663	1,674,166	1,697,517	715,100	124,681,989	83,635,674	4,442,671	23,139,499
ESCALATION	33.0%	146,188,327	9,291,284	8,792,307	8,268,783	10,284,245	1,562,941	17,105,645	608,714	603,269	40,897,895	31,604,467	1,571,296	7,831,467
ESTIMATE TOTAL	608,104,969	37,160,681	35,619,624	35,096,100	41,617,861	5,818,121	73,819,308	2,283,110	2,300,786	918,369	165,579,884	115,240,141	6,013,967	31,000,966



BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF :

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 Demo Buildings					
3						
4	Demo existing Units 1 and 2	11,300	SF	7.00	79,100	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				79,100	
8						
9	Project 1 Site Engineering					
10						
11	Site grading, site utilities	123,600	SF	5.00	618,000	
12						
13						
14	PROJECT 1 SITE ENGINEERING				618,000	
15						
16	Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff					
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	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF				897,000	
25						
26	Project 1 Rebuild Playground					
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	PROJECT 1 REBUILD PLAYGROUND				399,000	
34						
35	Project 1 Replace Buildings					
36						
37	New building construction	20,960	SF	550.00	11,528,000	classrooms
38						
39						
40	PROJECT 1 REPLACE BUILDINGS				11,528,000	
41						
42	Project 2 New Restrooms					
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	PROJECT 2 NEW RESTROOMS				299,500	
51						
52	Solar Energy					
53						
54	Install roof mounted solar arrays	118	KW	4,500.00	531,000	1-71 kW, 2-47 kW
55						
56						
57	SOLAR ENERGY				531,000	



HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 Demo Buildings					
3						
4	Demo existing Units 1 and 2	10,219	SF	7.00	71,533	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				71,533	
8						
9	Project 1 Site Engineering					
10						
11	Site grading, site utilities	116,700	SF	5.00	583,500	
12						
13						
14	PROJECT 1 SITE ENGINEERING				583,500	
15						
16	Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff					
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	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF				1,035,000	
25						
26	Project 1 Rebuild Playground					
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	PROJECT 1 REBUILD PLAYGROUND				295,000	
34						
35	Project 1 Replace Buildings					
36						
37	New building construction	19,500	SF	550.00	10,725,000	classrooms
38						
39						
40	PROJECT 1 REPLACE BUILDINGS				10,725,000	
41						
42	Project 2 New Restrooms					
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	PROJECT 2 NEW RESTROOMS				299,500	
51						
52	Solar Energy					
53						
54	Install roof mounted solar arrays	110	KW	4,500.00	495,000	1-45 kW, 2-64 kW
55						
56						
57	SOLAR ENERGY				495,000	



LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 Demo Buildings					
3						
4	Demo existing Units 1 and 2	9,774	SF	7.00	68,418	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				68,418	
8						
9	Project 1 Site Engineering					
10						
11	Site grading, site utilities	101,340	SF	5.00	506,700	
12						
13						
14	PROJECT 1 SITE ENGINEERING				506,700	
15						
16	Project 1 Site Design/Frontage/New Parking/Pickup/Dropoff					
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	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PARKING/PICKUP/DROPOFF				869,400	
25						
26	Project 1 Rebuild Playground					
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	PROJECT 1 REBUILD PLAYGROUND				275,500	
34						
35	Project 1 Replace Buildings					
36						
37	New building construction	18,900	SF	550.00	10,395,000	classroom
38						
39						
40	PROJECT 1 REPLACE BUILDINGS				10,395,000	
41						
42	Project 2 New Restrooms					
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	PROJECT 2 NEW RESTROOMS				299,500	
51						
52	Solar Energy					
53						
54	Install roof mounted solar arrays	121	KW	4,500.00	544,500	1-57 KW, 2-64 KW
55						
56						
57	SOLAR ENERGY				544,500	



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 New Restrooms					
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	PROJECT 1 NEW RESTROOMS				299,500	
11						
12	Project 2 Demo Portables					
13						
14	Demo existing portables	5,760	SF	5.00	28,800	
15						
16						
17	PROJECT 2 DEMO PORTABLES				28,800	
18						
19	Project 2 Landscaping And Play Equipment					
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	PROJECT 2 LANDSCAPING AND PLAY EQUIPMENT				637,500	
29						
30	Project 3 Demo Buildings					
31						
32	Demo existing buildings H/J/K/L	18,860	SF	7.00	132,020	
33						
34						
35	PROJECT 3 DEMO BUILDINGS				132,020	
36						
37	Project 3 Site Engineering					
38						
39	Site grading, site utilities	36,400	SF	5.00	182,000	
40						
41						
42	PROJECT 3 SITE ENGINEERING				182,000	
43						
44	Project 3 Site Design/Landscaping					
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	PROJECT 3 SITE DESIGN/LANDSCAPING				600,710	



MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Second Level Deck					
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	SECOND LEVEL DECK				472,500	
8						
9	Build Three New Flex Rooms					
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	BUILD THREE NEW FLEX ROOMS				1,267,500	
15						
16	Build Open Pavilion Deck					
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	BUILD OPEN PAVILION DECK				144,000	
22						
23	Solar Energy					
24						
25	Install roof mounted solar arrays	98	KW	4,500.00	441,000	
26						
27						
28	SOLAR ENERGY				441,000	



MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 Demo Buildings					
3						
4	Demo existing nine buildings	24,934	SF	5.00	124,670	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				124,670	
8						
9	Project 1 Site Engineering					
10						
11	Site grading, site utilities	313,500	SF	5.00	1,567,500	
12						
13						
14	PROJECT 1 SITE ENGINEERING				1,567,500	
15						
16	Project 1 Site Design/Landscaping					
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	PROJECT 1 SITE DESIGN/LANDSCAPING				6,012,729	
25						
26	Project 1 Replace Buildings					
27						
28	New building construction	32,900	SF	550.00	18,095,000	classroom building
29						
30						
31	PROJECT 1 REPLACE BUILDINGS				18,095,000	
32						
33	Solar Energy					
34						
35	Install roof mounted/free standing solar arrays	148	KW	4,500.00	666,000	148kW
36						
37						
38	SOLAR ENERGY				666,000	



STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Project 1 New Building					
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		PROJECT 1 NEW BUILDING				21,840,100	
10							
11		Project 1 Demo Buildings					
12							
13		Demo wood framed structures	25,040	SF	7.00	175,280	
14							
15							
16		PROJECT 1 DEMO BUILDINGS				175,280	
17							
18		Project 1 Site Engineering					
19							
20		Site grading, site utilities	189,500	SF	5.00	947,500	
21							
22							
23		PROJECT 1 SITE ENGINEERING				947,500	
24							
25		Project 1 Site Design/Landscaping/Improvements					
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		PROJECT 1 SITE DESIGN/LANDSCAPING/IMPROVEMENTS				3,449,850	
34							
35		Project 2 New Buildings					
36							
37		New building construction	33,900	SF	575.00	19,492,500	STEM classroom
38							
39							
40		PROJECT 2 NEW BUILDINGS				19,492,500	
41							
42		Project 2 Demo Building					
43							
44		Demo existing building	17,705	SF	7.00	123,935	
45							
46							
47		PROJECT 2 DEMO BUILDING				123,935	
48							
49		Project 2 Site Engineering					
50							
51		Site grading, site utilities	46,950	SF	5.00	234,750	
52							
53							
54		PROJECT 2 SITE ENGINEERING				234,750	
55							
56		Project 2 Site Design/Landscaping/Improvements					
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		PROJECT 2 SITE DESIGN/LANDSCAPING/IMPROVEMENTS				883,120	
64							



CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
65		Project 3 New Buildings					
66							
67		New building construction	26,100	SF	550.00	14,355,000	classrooms
68							
69							
70		PROJECT 3 NEW BUILDINGS				14,355,000	
71							
72		Project 3 Demo Building					
73							
74		Demo existing building	16,140	SF	7.00	112,980	
75							
76							
77		PROJECT 3 DEMO BUILDING				112,980	
78							
79		Project 3 Site Engineering					
80							
81		Site grading, site utilities	74,950	SF	5.00	374,750	
82							
83							
84		PROJECT 3 SITE ENGINEERING				374,750	
85							
86		Project 3 Site Design/Landscaping/Improvements					
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		PROJECT 3 SITE DESIGN/LANDSCAPING/IMPROVEMENTS				1,251,230	
95							
96		Solar Energy					
97							
98		Install roof mounted/free standing	381	KW	4,500.00	1,714,500	169KW
99							
100							
101		SOLAR ENERGY				1,714,500	



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



MONTECITO PRESCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Modernize Portables For Classroom And Office					
3						
4	Modernize portables for new preschool classrooms & office	12,480	SF	160.00	1,996,800	
5						
6						
7	MODERNIZE PORTABLES FOR CLASSROOM AND OFFICE				1,996,800	
8						
9	Modernize Courtyard					
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	MODERNIZE COURTYARD				429,180	



COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Demo Buildings					
3						
4	Demo existing	9,042	SF	7.00	63,294	
5						
6						
7	DEMO BUILDINGS				63,294	
8						
9	Site Improvements					
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	SITE IMPROVEMENTS				1,052,220	
17						
18	New Shop					
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	NEW SHOP				3,015,000	
24						
25	New Warehouse					
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	NEW WAREHOUSE				1,030,000	
31						
32	New Admin/Office Building					
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	NEW ADMIN/OFFICE BUILDING				990,000	
38						
39	New Covered Laydown Facility					
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	NEW COVERED LAYDOWN FACILITY				875,000	
45						
46	Vehicle Laydown					
47						
48	Vehicle laydown					See Site improvements
49						
50						
51	VEHICLE LAYDOWN					
52						



COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53	New District Kitchen					
54						
55	New kitchen building	6,400	SF	650.00	4,160,000	Excludes kitchen equipment
56						
57						
58	NEW DISTRICT KITCHEN				4,160,000	
59						
60	Site Improvements					
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	SITE IMPROVEMENTS				244,800	
68						
69	Solar Energy					
70						
71	Install roof mounted solar arrays	9,200	SF	70.00	644,000	
72						
73						
74	SOLAR ENERGY				644,000	

