



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



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%

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%

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.

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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

- All professional rees 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)

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



Masterplan Budget Plan September 30, 2019

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	

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EXECUTIVE SUMMARY

XECUTIVE 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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tudent Facilities Improvement Plan Update ountain View, California					1bd consult	onts							September 30, 2
WIND CONSTRUCTION COST SUMMARY													
PRIORITYPROJECT	TOTAL	8088	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	THEUERKAUF	VARGAS	CRITTENDEN	GRAHAM	LATHAM
1 REPLACEHVAC	8,079,904	719,360	683,616	683,616	798,582		960,256		979,456		2,080,192	1,274,816	
1 FENCES AND GATES - ORNAMENTAL	968,425	98,000		76,000	190,000			51,500			142,625	316,800	93,500
1 FENCES AND GATES - CHAIN LINK	396,000	109,250		90,750		57,000	139,000						
1 PICKUP/DROPOFF, PARKING	2,032,820	793,000		1,200,400					1,039,420				
1 COLLABORATIVE INSTRUCTIONAL SPACES	4,468,232	2,349,320		2,118,912									
1 SHADE STRUCTURE	4,039,500		582,500	582,500	582,500		982,500	562,500	562,500			582,500	102,000
1 LIGHTING	236,250			236,250									
1 PLAYGROUND K	613,760			133,700			130,600		349,490				
1 NEW ASHPALT OVERLAY 1 ADMINISTENDED CARE EXPANSION	320,650			320,650									
	4,081,000			1,485,000		1,485,000	827,000			484,000			
1 MODERNIZE ADMIN BUILDING	1,122,000				1,122,000								
1 STORAGE	715,000					357,500				357,500			
1 COLLABORATIVE SPACES AT LIBRARY	1,518,615 2,818,000						1,518,615						
1 PLAYGROUND MODERNIZATION 1 UTILITY SURVEY	2,818,000						2,818,000						
1 DTILITY SURVEY 1 PLUMBING REPAIRS							43,000 1,075,000						
1 OUTDOOR LANDSCAPED AREAS	1,075,000 2,511,450						1,075,000	2.187.750					323.700
1 LANDSCAPE - COURTYARDS								2,187,750	722,138			1,903,075	323,700
1 UTILITY SURVEY	2,525,213 48,000								49,000			1,803,076	
1 PLUMBING REPAIRS	1,200,000								1,200,000				
1 LOCKER ROOM MODERN DATION/REPLACEMENT	2,345,500								1,200,000		2.345.500		
1 NEW PE CLASSROOM	600,000										600,000		
1 FRONTAGE IMPROVEMENT	2,691,800										2,691,800		
1 SIGNAGE MARQUIS	85.000										85,000		
1 MUR MODERNICATION/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	1.758.900										30,000	1.758.900	
1 SITE ACCESSIBILITY	51,030											1,100,000	51,030
1 PLAY CLUSTER	77,000												77,000
BTOTAL PRIDRITY 1	50,771,049	4,088,630	1,246,116	6,907,778	2,673,092	1,899,500	7,773,971	2,801,750	4,900,974	841,500	11,294,117	5,716,091	647,230
2 LIGHTING	542,500	273,000	299,500										
2 NEW ASHPALT OVERLAY	646,250	349,250	297,000										
2 UTILITY SURVEY	345,700	49,900	55,400	56,000	42,400						64,000	79,000	
2 TECHNOLOGY UPGRADE	470,295	55,500	42,375	42,375	36,250		30,500	25,000	73,545		98,750	53,000	13,000
2 OUTDOOR LEARNING CLASSROOM	3,891,900	1,501,350			1,289,600		1,100,950						
2 FENCES & GATES - ORNAMENTAL	361,200		76,200				69,000		246,000				
2 MUR MODERNIZATION	369,072			369,072									
2 OUTDOOR LANDSCAPED SPACES	2,621,226		1,331,960	1,189,275									
2 PEDESTRIAN TRAIL	61,750			61,750									
2 DRINKING FOUNTAINS	20,000				20,000								
2 STAFF PARKING	272,650					74,150	198,500						
2 LIBRARY MODERNIZATION/EXPANSION	1,996,725					429,000			1,567,726				
2 COLLABORATIVE INSTRUCTIONAL SPACES	313,688						313,688						
2 STORAGE EXPANSION	495,000							495,000					
2 CLASSROOM MODERNIZATION	8,791,275								5,922,400		4,858,875		
2 BULDING STRUCTURAL UPGRADE	65,000								65,000				
2 ELECTRICAL UPGRADE	240,000										240,000		
2 PLUMBING REPAIRS	2,145,000										960,000	1,185,000	
2 SHADE STRUCTURE	1,125,000									662,500	562,500		
2 LANDSCAPE - COURTYARDS	2,731,750										2,731,750		
2 ROOF REPAIR	2,235,997				873,460						824,967	537,570	
2 RESTROOM MODERNIZATION	478,750										476,750		
2 GYM MODERNIZATION	7,300,000											7,300,000	
2 LOCKER ROOM MODERNIZATION												see gym modernizatio	n
BTOTAL PRIORITY 2	37,438,627	2,228,000	2,072,425	1,718,472	2,261,710	503,150	1,712,538	520,000	5,864,670	562,500	10,827,592	9,154,570	13,000
3. ROOF REPAIR	1.341.242	214.669	205.723	202 608					218 306		204 385	277 571	
3 WINDOW REPLACEMENT	13.045.000	1,375,000	1,320,000	1,300,000	1,120,000		1.500.000		1,515,000		2,450,000	2.465.000	
3 WINDOW REPLACEMENT 3 UTILITY NETWORK REPAIRS	4,003,500	733,600	1,320,000 831,000	1,300,000	1,120,000 424,000		1,500,000		480,000		320,000	493,750	
3 RESTROOM MODERNICATION/EXPANSION	794,170	103,100	103,400	107,725	103,300		191,290		460,000		220,000	483,760 252,425	
		167,800	103,400	107,725	103,300		1,44,220					202,425	
3 PLAYGROUND K	315,450 602,600		147,680 290,800						130,600				
3 PLAYGROUND 1-5		211,200							130,600				
3 ADMINIEXTENDED CARE EXPANSION	2,970,000	1,485,000	1,485,000										
3 DRINKING FOUNTAIN	20,000			20,000									
3 FENCES AND GATES ORNAMENTAL	320,400				153,000	51,900						115,500	
3 COLLABORATIVE INSTRUCTIONAL SPACES	1,881,960				1,881,950								
	626,000					626,000							
3 COVERED WALKWAY													
3 COVERED WALKWAY 3 SHADE STRUCTURE 3 CLASSROOM STORAGE EXPANSION	682,500 21,600					582,500	21.600						

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MVWSD CONSTRUCTION COST SUMMARY														
PRIORITY/PROJECT		TOTAL	8088	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	THEUERKAUF	VARGAS	CRITTENDEN	GRAHAM	LATHAM
3 LANDSCAPE - CAMPUS FRONTAGE		999,600								999,600				
3 SIGNAGE - CAMPUS FRONTAGE		85,000											95,000	
3 PICKUP/DROPOFF, PARKING 3 CLASSROOM MODERNIZATION		898,600											898,000	
													not required	
SUBTOTAL PRIORITY 3		28,866,122	4,290,269	4,353,573	2,198,333	3,692,260	1,240,400	2,107,070	78,500	3,361,506		2,974,365	4,587,846	
4 PEDESTRIAN TRAIL		52,250	52,250											
4 COVERED WALKWAY		2,442,500	420,000	630,000	483,000	332,500		133,000					444,000	
4 PICKUP/DROPOFF, PARKING		470,000		470,000										
4 NEW ASHPALT OVERLAY 4 RESTROOM MODERNIPATION		214,700								214,700				
4 PLAYFIELD RAL UPGRADE		25,000								237,000		25.000		
4 AUDITORIUM SYSTEMS UPGRADE		200,000										200.000		
4 PLAYGROUND - RELOCATE RIKE ENCLOSURE		30,000										200,000	30,000	
SUBTOTAL PRIORITY4		3,671,450	472,250	1,100,000	483.000	332,500		133,000		451,700		225.000	474.010	
TRD SOLAR PANELS		TBD	412,230	1,100,000	463,000	202,200		132,000		431,100		123,000	474,020	
TRD SULAR PANELS TRD ELECTRICAL UPGRADE		624,000								624,000				
TRD STRUCTURAL UPGRADE		348,750								624,000		348 750		
SUBTOTAL PRIORITY TBD		972,750								624,000		348,750		
DIRECT COSTS		121,719,998	11,059,449	8,772,114	11,299,583	8,949,562	3,643,050	11,726,579	3,400,250	15,202,850	1,404,000	25,669,824	19,932,507	460,230
SITE REQUIREMENTS	5.0%	6,096,000	652,972	438,606	564,979	447,478	182,153	586,329	170,013	760,142	70,200	1,283,491	996,625	33,012
JOBSITE MANAGEMENT	10.0%	12,172,000	1,105,945	877,211	1,129,968	894,956	364,306	1,172,658	340,026	1,520,285	140,400	2,699,982	1,993,251	66,023
PHASING														
ESTIMATE SUB-TOTAL		139,977,997	12,718,396	10,087,931	12,994,520	10,291,996	4,189,508	13,485,566	3,910,288	17,483,277	1,614,600	29,520,298	22,922,383	759,265
INSURANCE + BONDING	2,5%	3,499,450	317,999	252,198	324,963	257,300	104,738	337,139	97,757	437,082	40,365	738,007	573,060	18,982
FEE	5,0%	6,998,900	635,918	504,397	649,726	514,900	209,475	674,278	195,514	874,164	90,730	1,476,015	1,146,119	37,963
ESTIMATE SUB-TOTAL		150,476,347	13,672,244	10,844,526	13,969,109	11,063,896	4,503,721	14,498,983	4,203,559	18,794,523	1,735,695	31,734,320	24,641,562	816,209
DESIGN CONTINGENCY	15.0%	22,671,462	2.060.837	1.626.679	2,095,366	1.659.584	675,558	2.174,547	630,534	2.819.178	260,354	4,790,148	3.698.234	122.431
CONSTRUCTION CONTINGENCY	10.0%	15,047,635	1,367,224	1,084,453	1,398,911	1,108,390	490,372	1,449,698	420,356	1,879,452	173,670	3,173,432	2,464,156	81,621
SOFT COSTS	30,0%	45,142,904	4,101,673	3,253,358	4,190,733	3,319,169	1,351,116	4,349,095	1,261,068	5,638,357	520,709	9,520,296	7,392,469	244,963
ESTMATE SUB-TOTAL	30,000	233,238,338	21,191,978	16,809,015	21,652,120	17,149,039	6,910,767	22,470,324	6,515,517	29,131,510	2,690,327	49,188,196	38,194,421	1,265,124

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		NTARY SCHOOL - ESTIMATE DETAIL					36,955		
REF P	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS		
1			<u> </u>						
2		Replace HVAC							
3									
		New HVAC allowance serving Bldg 1, 3, 4 and							
4		5, assume new rooftop units, replace ductwork	22,480	SF	32.00	719,360			
		and diffusers as necessary, disconnect	22,400	0.	02.00	7 10,000			
		reconnect services and electrical							
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	8'ht		
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		T CHOCS AND GUICS - GHAIT LINK							
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		Gales	- '		10,000.00	10,000	Tomoura		
25									
26	1	FENCES AND GATES - CHAIN LINK				109,250			
	- 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	1	LS	65,000.00	65,000			
		etc	10.500				30%		
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	120	LF	75.00	9,000			
		operable walls, including hazmat allowance		_					
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 & notab interiors at ranguated v="=	120	LF	120.00	14 400	as required at disturbed areas al		
4/		Cut & patch interiors at renovated walls	120	LF	120.00	14,400	wall, excludes new classroom finishes		
		MEP reconfiguration allowance	22,480	SF	4.00	89,920			
48									
48 49		New construction/expansion for breakout spaces	4,000	SF	500.00	2,000,000			
		New construction/expansion for breakout	4,000	SF	500.00	2,000,000			
49		New construction/expansion for breakout	4,000	SF	500.00	2,000,000			
49 50 51	1	New construction/expansion for breakout spaces	4,000	SF	500.00		89 \$/SF		
49 50 51 52	1	New construction/expansion for breakout	4,000	SF	500.00	2,000,000	89 \$/SF		
49 50 51 52 53	1	New construction/expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES	4,000	SF	500.00		89 \$ /SF		
49 50 51 52 53 54	1	New construction/expansion for breakout spaces	4,000	SF	500.00		89 \$/SF		
49 50 51 52 53	1	New construction/expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Lighting	4,000	SF	500.00		89 \$/SF		
49 50 51 52 53 54	1	New construction/expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Lighting Install site lighting in parking and playground	4,000 156,000	SF	1.50		89 \$/SF for safety/security		
49 50 51 52 53 54 55	1	New construction/expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Lighting				2,349,320			

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BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 36,955

SEF F	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60	2	LIGHTING				273,000	2 \$/SF
61							
62		New Ashpalt Overlay					
63							
64		Demolish existing	63,500	SF	1.00	63,500	
65		Asphalt overlay of existing playground	63,500	SF	4.50	285,750	
		(pedestrian use)	03,300	OI.	4.50	200,700	
66							
67							
68	2	NEW ASHPALT OVERLAY				349,250	6 \$/SF
69							
70		Utility Survey					
71							
		Condition Survey of underground utility lines					
72		(gas, domestic water, sanitary sewer,	244,500	SF	0.20	48,900	
		bldg/stormwater drain, electrical, data)					
73							
74							
75	2	UTILITY SURVEY				48,900	0 \$/SF
76							
77		Technology Upgrade					
78		-comology opgrade					
		Replace fiber optic and copper cable networks					
		from MDF bldg 2 to Bldgs. 1,3, 4,5,6, MUR, P1,					
79		reuse existing raceways as necessary, replace	2,220	LF	25.00	55,500	
		if needed					
80		ii needed					
81							
82	2	TECHNOLOGY UPGRADE				55,500	
		TECHNOLOGY OF GRADE				33,300	
83		0.11 1 : 01					
84		Outdoor Learning Classroom					
85		Daniellia	05.400	0.5	4.00	05.400	
86 87		Demolition	35,100	SF	1.00	35,100	
		Rough and fine grading, allow	35,100	SF SF	35.00	17,550 614,250	50%
88 89		New hardscape	17,550 17,550	SF	15.00	263.250	50%
90		New softscape Drainage	35,100	SF	2.50	87,750	30%
91		Irrigation	17,550	SF	3.00	52,650	
91		Allow for site furnishings - benches, seatwalls,			3.00		
92		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	allovation
95		Lighting	35,100	SF	2.00	70,200	
96		Lighting	33, 100	31	2.00	70,200	
97							
		CUTDOOD I FADNING OF ACCDOOM				4 504 050	
98	2	OUTDOOR LEARNING CLASSROOM				1,501,350	43 \$/SF
99							
100		Roof Repair					
101							
		Repair damaged membrane, pipe					
102		flashings/storm collars, gutters/drain assemblies	30,667	SF	7.00	214,669	Not a roof replacement
		- allow					
03							
104							
105	3	ROOF REPAIR				214,669	7 \$/SF
106							
107		WINDOW REPLACEMENT					
108							
		Replace existing glass windows with thermal					
109		insulating glass	1	LS	1,375,000.00	1,375,000	remove and replace - allowance
110							
110							

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



Masterplan Budget Plan September 30, 2019

BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

CCE.	26 055

13	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
		The state of the s					
14		Utility Network Repairs					
15		Assume repair/replacement of 75% sanitary					
16		sewer lines, 50% of stormwater drain lines, 25%	244,500	SF	3.00	733,500	
		of domestic water lines, 25% gas lines.	244,000	Oi	0.00	700,000	
17							
18							
19	3	UTILITY NETWORK REPAIRS				733,500	3 \$/SF
20	-					,	
21		Restroom Modernization					
22							
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		Playground K					
132		Domelich evieting	3,800	SF	1.00	3,800	
133 134		Demolish existing 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	
139		Miscellaneous site benches, furnishings etc	3,800	SF	3.00	11,400	
140							
142							
143	3	PLAYGROUND K				167,800	44 \$/SF
144							
145		Playground 1-5					
146 147		Describe existing	5,200	SF	1.00	5,200	
148		Demolish existing 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	SE	2.50	13,000	
			5,200 5,200	SF SF	2.50	13,000 15,600	
151		Irrigation	5,200	SF SF SF	2.50 3.00 3.00	15,600	
151 152		Irrigation Lighting		SF	3.00		
151 152 153		Irrigation	5,200 5,200	SF SF	3.00 3.00	15,600 15,600	
151 152 153 153 154		Irrigation Lighting Play equipment allowance	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000	
151 152 153 153 154		Irrigation Lighting Play equipment allowance	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000	
151 152 153 153 154 156	3	Irrigation Lighting Play equipment allowance	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000	41 \$/SF
151 152 153 153 154 156	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000 15,600	41 \$/SF
151 152 153 153 154 156 157	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000 15,600	41 \$/SF
151 152 153 153 154 156 157 158 159 160	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	41 \$/SF
151 152 153 153 154 156 157 158 159 160	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5	5,200 5,200 1	SF SF LS	3.00 3.00 50,000.00	15,600 15,600 50,000 15,600	41 \$/SF
151 152 153 153 154 156 157 158 159 160 161 162	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	41 \$/SF
151 152 153 153 154 156 157 158 159 160 161 162 163		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	
151 152 153 153 154 156 157 158 159 160 161 162 163	3	Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	41 \$/SF 550 \$/SF
151 152 153 153 154 156 157 158 159 160 161 162 163 164		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	
151 152 153 153 154 156 157 158 159 160 161 162 163 164		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance	5,200 5,200 1 5,200	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200	
151 152 153 153 154 156 157 158 159 160 161 162 163 164 165 166 167		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION Pedestrian Trail	5,200 5,200 1 5,200 2,700	SF SF LS SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200 1,485,000	
151 152 153 153 154 156 157 158 159 160 161 162 163 164 165 166 167 168		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION Pedestrian Trail Demolish existing	5,200 5,200 1 5,200 2,700	SF SF LS SF SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200 1,485,000 1,485,000	
151 152 153 153 154 156 157 158 159 160 161 162 163 164 165 166 167 168 169		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION Pedestrian Trail Demolish existing Rough and fine grading, allow	5,200 5,200 1 5,200 2,700 5,500 5,500	SF SF LS SF SF	3.00 3.00 50,000.00 3.00 550.00	15,600 15,600 50,000 15,600 211,200 1,485,000 1,485,000	
151 152 153 153 153 154 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION Pedestrian Trail Demolish existing	5,200 5,200 1 5,200 2,700	SF SF LS SF SF	3.00 3.00 50,000.00 3.00	15,600 15,600 50,000 15,600 211,200 1,485,000 1,485,000	
151 152 153 153 154 156 157 158 159 160 161 162 163 164 165 166 167 168 169		Irrigation Lighting Play equipment allowance Miscellaneous site benches, furnishings etc PLAYGROUND 1-5 Admin/Extended Care Expansion New building allowance ADMIN/EXTENDED CARE EXPANSION Pedestrian Trail Demolish existing Rough and fine grading, allow	5,200 5,200 1 5,200 2,700 5,500 5,500	SF SF LS SF SF	3.00 3.00 50,000.00 3.00 550.00	15,600 15,600 50,000 15,600 211,200 1,485,000 1,485,000	

TBD SOLAR PANELS



Masterplan Budget Plan September 30, 2019

BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 36,955 REF PRIORITY DESCRIPTION 175 176 177 178 Covered Walkway Repair/reroof 50% of covered area as needed 12,000 SF 35.00 420,000 no work to walkway required 179 180 181 182 COVERED WALKWAY 420,000 35 \$/SF Under District Study - excluded Solar Panels 183 184

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



Masterplan Budget Plan September 30, 2019

HUFF ELEMEI	TARY SCHOOL - ESTIMATE DETAIL				GSF	: 35,677
	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
2	Replace HVAC					
3						
	New HVAC allowance serving Bldg 2, 3, 4 and 5, assume new rooftop units, replace ductwork					
4	and diffusers as necessary, disconnect	21,363	SF	32.00	683,616	
5	reconnect services and electrical					
6						
7 1	REPLACE HVAC				683,616	32 \$/SF
8						
10	Shade Structure					
	New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	
11	with a solid roof	4,300	31	125.00	362,300	no new paving assumed
12 13						
14 1	SHADE STRUCTURE				562,500	125 \$/SF
15						
16	Fences & Gates - Ornamental					
17	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
22						
23 2	FENCES & GATES - ORNAMENTAL				76,200	
24	Linksin					
25 26	Lighting					
27	Low level perimeter area (safety) lighting around	154,000	SF	1.50	231,000	for safety/security
	parking, walkways, playground, driveways					ior safety/security
28	Remove existing	154,000	SF	0.25	38,500	
30						
31 2	LIGHTING				269,500	2 \$/SF
32 33	Nove Antonia In Overalland					
34	New Ashpalt Overlay					
35	Asphalt overlay of existing playground	54,000	SF	4.50	243,000	
36	(pedestrian use) Demolish existing	54,000	SF	1.00	54,000	
37	Bernolon existing	0-1,000	Oi .	1.00	04,000	
38 2	NEW ASHPALT OVERLAY				297,000	6 \$/SF
39	Helit. C					
40 41	Utility Survey					
	Condition Survey of underground utility lines					
42	(gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	277,000	SF	0.20	55,400	
43	s.e.g. sec. invacion drain, crossinal, data)					
44						
45 2	UTILITY SURVEY				55,400	
47	Technology Upgrade					
48						
	Replace fiber optic and copper cable networks from MDF bldg 1 to Bldgs 2,3, 4,5,6, reuse					
49	existing raceways as necessary, replace if	1,695	LF	25.00	42,375	
50	needed					
51						
52 2	TECHNOLOGY UPGRADE				42,375	

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Outdoor Landscaped Spaces



Masterplan Budget Plan September 30, 2019

HUEF ELEMENTARY SCHOOL - ESTIMATE DETAIL

1 E		TARY SCHOOL - ESTIMATE DETAIL					: 35,677
	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
5							
56		Demolition	30,700	SF	1.00	30,700	
7		Rough and fine grading, allow	30,700	SF	0.50	15,350	
8		New hardscape	15,350	SF	35.00	537,250	50%
59		New softscape	15,350	SF	15.00	230,250	50%
30		Drainage	30,700	SF	2.50	76,750	
31		Irrigation	15,350	SF	3.00	46,050	
		Allow for site furnishings - benches, seatwalls,	30.700	SF	5.00	153.500	
62		tables etc)	30,700	SF	5.00	153,500	
63		Shade feature, allow	1	LS	150,000.00	150,000	allowance
34		Electric/data connections	30,700	SF	1.00	30,700	
65		Lighting	30,700	SF	2.00	61,400	
66		_00					
37							
	2	OUTDOOR LANDSCAPED SPACES				4 224 050	42.6/65
68		OUTDOOR LANDSCAPED SPACES				1,331,950	43 \$/SF
69							
70		Roof Repair					
71							
		Repair damaged membrane, pipe	20.200	0.5	7.00	205 722	Not a seef see
72		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
	3	ROOF REPAIR				200,120	1 9/05
76							
77		WINDOW REPLACEMENT					
78							
79		Replace existing glass windows with thermal	1	LS	1,320,000.00	1,320,000	remove and replace - allowance
79		insulating glass	,	Lo	1,320,000.00	1,320,000	remove and replace - allowance
80							
81							
82	3	WINDOW REPLACEMENT				1,320,000	
	-	THIS OF REI EAGEMENT				1,020,000	
83		THE STATE OF THE S					
84		Utility Network Repairs					
85							
		Assume repair/replacement of 75% sanitary					
86		sewer lines, 50% of stormwater drain lines, 25%	277,000	SF	3.00	831,000	
		of domestic water lines, 25% gas lines					
87							
88	3	UTILITY NETWORK REPAIRS				831.000	3 \$/SF
88 89	3	UTILITY NETWORK REPAIRS				831,000	3 \$/SF
88 89 90	3					831,000	3 \$/SF
88 89 90 91	3	UTILITY NETWORK REPAIRS Restroom Modernization				831,000	3 \$/SF
88 89 90 91 92	3	Restroom Modernization	0.000	0.5	05.00	· · · · · · · · · · · · · · · · · · ·	3 \$/SF
88 89 90 91 92 93	3	Restroom Modernization Remove and replace wall finishes	2,300	SF	25.00	57,500	3 \$ /SF
88 89 90 91 92 93	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes	2,300 1,530	SF SF	25.00 30.00	· · · · · · · · · · · · · · · · · · ·	
38 39 30 31 32 33 34	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions				57,500	No work required
888 899 90 91 92 93 94 95 96	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes				57,500	
88 89 90 91 92 93 94 95 96 97	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions				57,500	No work required
88 89 90 91 92 93 94 95 96 97	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions				57,500	No work required
38 39 30 31 32 33 34 35 36 37 38	3	Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions				57,500 45,900	No work required
88 89 90 91 92 93 94 95 96 97 98		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration				57,500	No work required No work required
888 899 9091 9293 9495 9697 9898		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION				57,500 45,900	No work required No work required
88 89 90 91 92 93 94 95 96 97 98 99 00 01		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration				57,500 45,900	No work required No work required
88 89 90 91 92 93 94 95 96 97 98 99 00 01 02		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K	1,530	SF	30.00	57,500 45,900 103,400	No work required No work required
888 899 990 991 992 993 994 995 996 996 00 01 02 03		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing	1,530 3,150	SF SF	30.00	57,500 45,900 103,400	No work required No work required
888 899 900 901 902 903 904 905 909 900 900 900 900 900 900		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow	3,150 3,150	SF SF SF	1.00 0.50	57,500 45,900 103,400 3,150 1,575	No work required No work required
888 899 900 991 992 993 994 995 996 997 000 001 002 003 004 005		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf	3,150 3,150 3,150 3,150	SF SF SF SF	1.00 0.50 18.00	57,500 45,900 103,400 3,150 1,575 56,700	No work required No work required
888 899 990 991 992 993 994 995 996 997 998 999 000 01 02 03 04 05 06 06		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage	3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF	1.00 0.50 18.00 2.50	57,500 45,900 103,400 3,150 1,575 56,700 7,875	No work required No work required
888 89 90 91 92 93 94 95 96 97 98 99 1000 1001 1002 1004 1005 1006 1007		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation	3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450	No work required No work required
888 899 9091 9293 9495 9697 9899 1000 1011 1021 1031 1041 1051 1061 1071 108		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting	3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450	No work required No work required
888 889 990 991 992 993 994 995 996 997 998 1000 1011 1002 1003 1004 1005 1006 1007 1008 1009		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting Play equipment allowance	3,150 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
888 899 990 991 992 993 994 995 996 999 999 000 01 02 03 04 05 06 07 08		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting	3,150 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450	No work required No work required
888 89 90 91 92 93 94 95 96 97 98 99 1000 1001 1002 1004 1005 1006 1007		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting Play equipment allowance	3,150 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
388 399 390 391 393 393 394 495 596 697 798 899 990 900 900 900 900 900 9		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting Play equipment allowance	3,150 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
888 899 800 801 802 803 804 805 806 807 808 809 800 800 800 800 800 800		Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage Irrigation Lighting Play equipment allowance	3,150 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required

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



Masterplan Budget Plan September 30, 2019

		ITARY SCHOOL - ESTIMATE DETAIL					: 35,677
	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
16		5			4.00	0.000	
117		Demolish existing	6,800	SF	1.00	6,800	
18		Rough and fine grading, allow	6,800	SF	0.50	3,400	
19		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
28							
129		Admin/Extended Care Expansion					
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		Pickup/Dropoff, Parking					
137		<u> </u>					
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		Covered Walkway					
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							
55		Solar Panels					Under District Study - exclude
156							
57							
158	TBD	SOLAR PANELS					

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Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

ANDE		MENTARY SCHOOL - ESTIMATE DETAIL				GSF	
REF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
2		Replace HVAC					
3		TO MARKET TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO T					
		New HVAC allowance serving Bldg 2, 3, 4 and					
		5, assume new rooftop units, replace ductwork					
4		and diffusers as necessary, disconnect	21,363	SF	32.00	683,616	
		reconnect services and electrical					
5		Todalinost convious and sissensal					
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		Odice		LA	20,000.00	20,000	Tollioalai
16							
17	1	FENCES AND GATES - ORNAMENTAL				76,000	
18						,	
19		Fences And Gates - Chain Link					
20		T CHOOS AND SOCIO					
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		Gales			10,000.00	10,000	
26							
27	1	FENCES AND GATES - CHAIN LINK				90,750	
		FENCES AND GATES - CHAIN LINK				90,750	
28		Distant Description					
29 30		Pickup/Dropoff, Parking					
30 31		Demolition of existing	47.000	SF	1.00	47.000	
31		Rough and fine grading, allow	47,000	SF	0.50	23,500	
32 33			42,300	SF	16.00	676.800	90%
34		New hardscape - assume concrete Allow for curbs, striping, signage		LS	110,000.00	110,000	90%
			1 4,700	SF	15.00	70,500	10%
35		Softscape - allow for minimal trees/shrubs					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
12	<u>'</u>	FICKOF/DIGFOIT, FARKING				1,200,400	20 0/31
13		Collaborative Instructional Spaces					
44		and the second second					
		Remove partitions to accommodate for	400		75.00	0.100	
45		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	
		·					as required at disturbed areas alon wall, excludes new classroom
48		Cut & patch interiors at renovated walls	108	LF	120.00	12,960	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		<u>Lighting</u>					
56							
		Install site lighting in parking and playground					
57		areas, front pickup/drop-off/parking, side	135,000	SF	1.50	202,500	for safety/security
		parking, playground					
58		Remove existing	135,000	SF	0.25	33,750	
59		•					

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



Masterplan Budget Plan September 30, 2019

_		MENTARY SCHOOL - ESTIMATE DETAIL					: 35,232
EF F	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1	1	LIGHTING				236,250	2 \$/SF
		B1 114					
		Playground K					
		Demolish existing	2,700	SF	1.00	2,700	
		Rough and fine grading, allow	2,700	SF	0.50	1,350	
		Tot turf	2,700	SF	18.00	48,600	
		Drainage	2,700	SF	2.50	6,750	
		Irrigation	2,700	SF	3.00	8,100	
		Lighting	2,700	SF	3.00	8,100	
		Play equipment allowance	1	LS	50,000.00	50,000	
		Miscellaneous benches, furnishings etc	2,700	SF	3.00	8,100	
	1	PLAYGROUND K				133,700	50 \$/SF
						,	
		New Ashpalt Overlay					
_		Daniello e della e	F0 000	05	1.00	50.000	
_		Demolish existing Asphalt overlay of existing playground	58,300	SF	1.00	58,300	
		Asphalt overlay of existing playground (pedestrian use)	58,300	SF	4.50	262,350	
		, , , , , , , , , , , , , , , , , , ,					
_							
	1	NEW ASHPALT OVERLAY				320,650	6 \$/SF
_		Admin/Extended Core Expansion					
		Admin/Extended Care Expansion					
		New building allowance	2,700	SF	550.00	1,485.000	
		non ballang allohanse	2,100	٥.	000.00	1, 100,000	
	1	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
		Shade Structure					
_		New steel frame, open-sided shade structure					
		with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
		THE CONTROL OF					
	1	SHADE STRUCTURE				562,500	125 \$/SF
_		Utility Survey					
		Sally Garter					
		Condition Survey of underground utility lines					
		(gas, domestic water, sanitary sewer,	280,000	SF	0.20	56,000	
		bldg/stormwater drain, electrical, data)					
3 ‡	2	UTILITY SURVEY				56,000	
5		OTILIT SURVET				50,000	
3		Technology Upgrade					
,							
_		Replace fiber optic and copper cable networks					
		from MDF bldg 1 to Bldgs 1,3, 4,5,6 and MUR,	1,695	LF	25.00	42,375	
		reuse existing raceways as necessary, replace	1,000	ы	25.00	42,010	
		if needed					
)							
	2	TECHNOLOGY UPGRADE				42,375	
		MUR Modernization					
		MUR Modernization					
		Allow for miscellaneous demolitions, including	6.288	SF	9.00	56.592	assume minima required
			6,288	SF	9.00	56,592 31,440	assume minimal required

6,288

130

5.00

1,800.00

31,440

234,000

assume minimal required

Structural work allowance

New operable walls

116



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LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

		MENTARY SCHOOL - ESTIMATE DETAIL				GSF	
REF PI	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS as required at disturbed areas a
18		Cut & patch interiors at renovated walls	130	LF	120.00	15,600	wall, excludes new classroom finishes
19		MEP allowance	6,288	SF	5.00	31,440	illianca
20							
21							
22	2	MUR MODERNIZATION				369,072	59 \$/SF
23 24		Outdoor Landscaped Spaces					
25							
26		Demolition	27,900	SF	1.00	27,900	
27		Rough and fine grading, allow	27,900	SF	0.50	13,950	
28		New hardscape	13,950	SF	35.00	488,250	50%
29		New softscape	13,950	SF	15.00	209,250	50%
30		Drainage	13,950	SF	2.50	34,875	
31		Irrigation Allow for site furnishings - benches, seatwalls,	13,950	SF	3.00	41,850	
32		tables etc)	27,900	SF	5.00	139,500	
33		Shade feature, allow	1	LS	150,000.00	150,000	allowance
34		Electric/data connections	27,900	SF	1.00	27,900	
35		Lighting	27,900	SF	2.00	55,800	
36							
37							
38	2	OUTDOOR LANDSCAPED SPACES				1,189,275	43 \$/SF
39 40		Pedestrian Trail					
41		redestrian fran					
42		Demolish existing	6,500	SF	1.00	6,500	
43		Rough and fine grading, allow	6,500	SF	0.50	3,250	
44		Decomposed granite trail	6,500	SF	8.00	52,000	
45		· -					
46							
47	2	PEDESTRIAN TRAIL				61,750	10 \$/SF
48							
49		Drinking Fountain					
50							
51		Replace older drinking fountains with drinking	4	EA	5,000.00	20,000	
		stations					
52							
53							
54	3	DRINKING FOUNTAIN				20,000	
55		Deaf Densis					
56 57		Roof Repair					
31		Repair damaged membrane, pipe					
58		flashings/storm collars, gutters/drain assemblies	28.944	SF	7.00	202,608	Not a roof replacement
		- allow	,				
59							
60							
61	3	ROOF REPAIR				202,608	7 \$/SF
62							
63		WINDOW REPLACEMENT					
64							
65		Replace existing glass windows with thermal	1	LS	1,300,000.00	1,300,000	remove and replace - allowance
		insulating glass		LO	1,000,000.00	1,000,000	.oove and replace allowance
66 67							
68	3	WINDOW REPLACEMENT				1,300,000	
69	•	THIS OT REI EAGEMENT				1,000,000	
		Utility Network Repairs					
		Curry Network Nepalis					
		Assume repair/replacement of 75% sanitary					
72		sewer lines, 50% of stormwater drain lines, 25%	280,000	SF	2.00	560,000	
		of domestic water lines, 25% gas lines.				,	
73		. 9					
170 171		Utility Network Repairs					
172			200,000	J.	2.00	300,000	
73 74							

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



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LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

OHANTITY I	IOM LINIT PATE	TOTAL	COMMENTS
		GGE -	35,232

LA	VDLL	LLLI	MENTART SCHOOL - ESTIMATE DETAIL				031 .	55,252
RE	F PR	ORITY	/ DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
179	5	3	UTILITY NETWORK REPAIRS				560,000	2 \$/SF



Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

REF I	PRIORIT'	Y 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					

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



Masterplan Budget Plan September 30, 2019

EF F		MENTARY SCHOOL - ESTIMATE DETAIL					: 29,116
	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1		Daniera IN/AO					
3		Replace HVAC					
3		New HVAC allowance serving Bldg H, J, K, L,					
		N, P, assume new rooftop units, replace	0.1.050			700 500	
4		ductwork and diffusers as necessary,	24,956	SF	32.00	798,592	
		disconnect reconnect services and electrical					
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	eu .
12		Ornamental fence	630	LF	200.00	126,000	8'ht
13 14		Gates Gates	4 2	EA EA	5,000.00 20,000.00	20,000 40,000	pedestrian vehicular
15		Gales		EA	20,000.00	40,000	vermouter
16							
17	1	FENCES AND GATES - ORNAMENTAL				190,000	
18		. 2.1.520 AND GATEO TORNAMENTAL				,55,000	
18 19		Modernize Admin Building					
19 20		modernize Admin Bunding					
		Renovate within existing footprint, reconfigure					
21		walls/rooms, new FF&E, redo all bldg systems	4.080	SF	275.00	1,122,000	
21		(HVAC, electrical/lighting, plumbing, security)	4,000	OI	275.00	1,122,000	
22		(117710, clostificating fitting, plantsing, cocarty)					
23							
24	1	MODERNIZE ADMIN BUILDING		_		1,122,000	275 \$/SF
25		MODERNAZE ADMIN DOIEDING				1,122,000	LIU \$10F
25 26		Oberde Oterreture					
27		Shade Structure					
		New steel frame, open-sided shade structure					
28		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	24,956	SF	35.00	873,460	
		membranes, flashings/collars, gutters/drains	2 1,000		55.00	5, 5,400	
36 37							
	2	ROOF REPAIR				873,460	35 \$/SF
38 39							
38 39 40		Utility Survey					
38 39		Utility Survey					
38 39 40 41		Utility Survey Condition Survey of underground utility lines					
38 39 40 41		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer,	212,000	SF	0.20	42,400	
38 39 40 41 42		Utility Survey Condition Survey of underground utility lines	212,000	SF	0.20	42,400	
38 39 40 41 42 43		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer,	212,000	SF	0.20	42,400	
38 39 40 41 42 43 44		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	212,000	SF	0.20		
38 39 40 41 42 43 44 45	2	Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer,	212,000	SF	0.20	42,400 42,400	
38 39 40 41 42 43 44 45		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bidg/stormwater drain, electrical, data) UTILITY SURVEY	212,000	SF	0.20		
38 39 40 41 42 43 44 45 46 47		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	212,000	SF	0.20		
38 39 40 41 42 43 44 45 46 47		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade	212,000	SF	0.20		
38 39 40 41 42 43 44 45 46 47		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bidg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade Replace fiber optic and copper cable networks	212,000		0.20		
38 39 40 41 42 43 44 45 46 47 48		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade Replace fiber optic and copper cable networks from MDF bldg N to Bldgs H, J, K, L, M, P,	212,000	SF	0.20		
38 39 40 41 42 43 44 45 46 47 48		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bidg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade Replace fiber optic and copper cable networks from MDF bidg N to Bidgs H, J, K, L, M, P, ruse existing raceways as necessary, replace				42,400	
38 339 440 441 42 43 444 45 46 47 48		Utility Survey Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade Replace fiber optic and copper cable networks from MDF bldg N to Bldgs H, J, K, L, M, P,				42,400	
38 39 40 41		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer, bidg/stormwater drain, electrical, data) UTILITY SURVEY Technology Upgrade Replace fiber optic and copper cable networks from MDF bidg N to Bidgs H, J, K, L, M, P, ruse existing raceways as necessary, replace				42,400	

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REF P	DIAR	MENTARY SCHOOL - ESTIMATE DETAIL	OHANTITY	11-14-	LINIT BATE	GSF	
	RIORIT	Y 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	
		Allow for site furnishings - benches, seatwalls,					
62		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		Lighting	23,000	- 01	2.00	33,200	
67							
68	2	OUTDOOR LEARNING CLASSROOM				1,289,600	44 \$/SF
69							
70		Drinking Fountains					
71		J.III.III J. Odinanio					
		Replace older drinking fountains with drinking					
72			4	EA	5,000.00	20,000	
		stations					
73							
74							
75	2	DRINKING FOUNTAINS				20,000	
76							
77		WINDOW REPLACEMENT					
		WINDOW REPLACEMENT					
78							
79		Replace existing glass windows with thermal	1	LS	1,120,000.00	1,120,000	
		insulating glass			1,120,000.00	1,120,000	
80							
81							
82	3	WINDOW REPLACEMENT				1,120,000	
		The brokening				.,.20,000	
83		FENORO AND GATEG COMMISSION					
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	
	3	FENCES AND GATES ORNAMENTAL				153,000	
92							
93		Collaborative Instructional Spaces					
93							
		Remove partitions to accommodate for	-00		75.00	7.000	
94					75.00	7,200	
94		operable walls, including hazmat allowance	96	LF			
94 95		operable walls, including hazmat allowance Structural work allowance				15 000	at dividing walls only
94 95 96		Structural work allowance	1	LS	15,000.00	15,000 172,800	at dividing walls only
94 95 96						15,000 172,800	
94 95 96 97		Structural work allowance New operable walls	1 96	LS LF	15,000.00 1,800.00	172,800	as required at disturbed areas along wall, excludes new classroom
94 95 96 97		Structural work allowance	1	LS LF LF	15,000.00		as required at disturbed areas along
94 95 96 97 98		Structural work allowance New operable walls	1 96	LS LF	15,000.00 1,800.00	172,800	as required at disturbed areas along wall, excludes new classroom
94 95 96 97 98		Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance	1 96 96 18,860	LS LF LF	15,000.00 1,800.00 120.00	172,800 11,520	as required at disturbed areas along wall, excludes new classroom
94 95 96 97 98		Structural work allowance New operable walls Cut & patch interiors at renovated walls	1 96 96	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440	as required at disturbed areas along wall, excludes new classroom
94 95 96 97 98 99 100 101		Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440	as required at disturbed areas along wall, excludes new classroom
94 95 96 97 98 99 100 101 102		Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440	as required at disturbed areas along wall, excludes new classroom
94 95 96 97 98 99 100 101 102	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs	1 96 96 18,860	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs Assume repair/replacement of 75% sanitary	1 96 96 18,860 3,200	LS LF LF SF SF	15,000.00 1,800.00 120.00 4.00 500.00	172,800 11,520 75,440 1,600,000 1,881,960	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105 106	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	1 96 96 18,860 3,200	LS LF LF SF	15,000.00 1,800.00 120.00 4.00	172,800 11,520 75,440 1,600,000	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105 106	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs Assume repair/replacement of 75% sanitary	1 96 96 18,860 3,200	LS LF LF SF SF	15,000.00 1,800.00 120.00 4.00 500.00	172,800 11,520 75,440 1,600,000 1,881,960	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103 104 105 106	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	1 96 96 18,860 3,200	LS LF LF SF SF	15,000.00 1,800.00 120.00 4.00 500.00	172,800 11,520 75,440 1,600,000 1,881,960	as required at disturbed areas along wall, excludes new classroom finishes
94 95 96 97 98 99 100 101 102 103	3	Structural work allowance New operable walls Cut & patch interiors at renovated walls MEP reconfiguration allowance New expansion for breakout spaces COLLABORATIVE INSTRUCTIONAL SPACES Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	1 96 96 18,860 3,200	LS LF LF SF SF	15,000.00 1,800.00 120.00 4.00 500.00	172,800 11,520 75,440 1,600,000 1,881,960	as required at disturbed areas along wall, excludes new classroom finishes

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



Masterplan Budget Plan September 30, 2019

MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 29,116

REF F	PRIORIT'	Y 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 - exclude
130							
131							
132	TBD	SOLAR PANELS					

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CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,804

		ENTARY SCHOOL - ESTIMATE DETAIL				GSF	
	RIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1		Admir Owner to Comics					
3		Admin Support Services					
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 10		Storage					
11		New building allowance	1,300	SF	275.00	357,500	
12			.,,			,	
13							
14	1	STORAGE				357,500	275 \$/SF
15							
16		Fences And Gates - Chain Link					
17		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	11	EA	10,000.00	10,000	vehicular
22 23							
24	1	FENCES AND GATES - CHAIN LINK				57 000	
25	-	FENCES AND GATES - CHAIN LINK				57,000	
26		Staff Parking					
27		<u>Stail Farking</u>					
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 Striping, curbs, wheel stops, signage	6,300 1	SF LS	5.00 8,000.00	31,500 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		Library Modernization/Expansion					
39		Library Modernization/Expansion					
40		New library expansion	780	SF	550.00	429,000	
41							
42							
43	2	LIBRARY MODERNIZATION/EXPANSION				429,000	550 \$/SF
44		Farance And Onton Community					
45 46		Fences And Gates - Ornamental					
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	3	PENCES AND GATES - ORNAMENTAL				31,900	
53		Shade Structure					
55							
56		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
		with a solid roof	4,000	- 01	120.00	552,550	paving assumed
57 58							
59	3	SHADE STRUCTURE				562,500	125 \$/SF

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



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CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,804

REF	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60							
61		Covered Walkways					
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

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MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 40,379

1 2 2 3 4 4 5 6 6 7 10 11 12 13 14 15 16 1 17 18 19 19 19 20 21 22 23 1 24 25 26 27 28 29 30 31 32 33 34 35 36 39 40 41 42 43 44 44 45 46 47 47	1	Replace HVAC 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				
3 4 5 6 7 1 8 9 10 111 122 13 14 15 17 18 19 20 21 22 23 1 21 22 23 1 24 25 26 27 28 29 30 31 32 33 34 34 35 36 37 1 38 39 40 41 42 43 44 45 44 45	1	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,	26,883				
5 6 7 1 8 9 110 111 12 13 14 15 16 1 17 18 19 19 10 11 17 18 19 19 10 11 17 18 19 19 10 19	1	F, G, H, L, M, N, P, assume new rooftop units, replace ductwork and diffusers as necessary,	26,883				
5 6 7 1 8 9 10 11 11 12 13 14 15 16 1 17 18 19 19 10 11 17 18 19 19 10 10 11 17 18 19 19 10 10 11 11 11 11 11 11 11 11 11 11 11	1	replace ductwork and diffusers as necessary,	26,883				
5	1		20,000	SF	32.00	860,256	
6 7 1 1 8 9 9 10 11 11 12 13 14 15 16 1 17 18 19 19 20 21 12 22 22 23 1 24 25 26 26 27 28 28 29 30 31 32 23 33 34 35 36 37 1 38 36 37 1 38 39 40 40 44 44 45 44 44 45 44 46	1	disconnect reconnect services and electrical		31	32.00	000,230	
6	1						
7 1 8 9 9 10 111 12 13 14 15 15 17 18 19 19 10 11 14 15 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1						
8 9 9 10 10 11 12 13 14 15 16 17 17 18 19 20 21 22 23 1 22 24 25 28 29 30 31 32 33 34 35 36 37 1 38 39 40 40 44 44 45 46	1						
9 10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 1 24 24 25 26 26 27 28 30 31 32 33 33 34 35 37 1 38 39 40 40 41 42 43 44 45		REPLACE HVAC				860,256	32 \$/SF
10		Fences And Gates - Chain Link					
11		Fences And Gates - Chain Link					
13		Demo existing	1	LS	8,000.00	8.000	
13		Chain link fence	1,560	LF	75.00	117,000	
14		Gates	4	EA	3,500.00	14,000	pedestrian
16 1 17 18 19 20 21 22 23 1 24 24 26 27 28 30 31 32 33 34 35 37 1 38 39 40 40 41 42 43 44 45							
17 18 20 20 21 22 23 1 24 25 26 27 28 29 30 31 32 33 34 35 36 37 1 38 39 40 40 44 44 45 45 46							
18 19 20 21 22 23 1 24 25 26 27 28 30 31 32 33 33 34 34 35 36 37 1 38 39 40 40 41 42 42 43 44 45 46	1	FENCES AND GATES - CHAIN LINK				139,000	
19 20 21 22 23 3 1 24 26 26 27 28 29 30 31 31 32 33 34 35 36 37 1 38 39 40 40 41 42 43 44 45							
20 20 21 22 23 1 24 25 26 27 28 29 30 31 32 33 34 35 35 36 37 1 38 39 40 41 42 44 44 45 46		Collaborative Spaces At Library					
21 22 23 1 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 45							
21 22 2 2 3 1 24 25 26 27 28 29 30 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 45 46		Building renovation allowance - renovate					
21 22 23 1 24 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 1 38 39 40 40 41 42 43 44 43		existing computer lab, install maker	4,821	SF	315.00	1,518,615	
22 23 1 24 25 26 27 28 29 30 31 32 33 34 35 36 37 1 1 42 42 43 44 45 46		lab/workroom utility services (plumbing,	-,			.,,0	
22 23 1 24 25 26 27 28 29 30 31 32 33 34 35 36 37 1 1 42 42 43 44 45 46		electrical, ventilation)					
23 1 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 45							
24 25 26 27 28 30 30 31 32 33 34 35 36 39 40 41 42 43 44 45 46	1	COLLABORATIVE SPACES AT LIBRARY				1 510 615	245 6/65
25 26 26 27 28 29 30 31 32 33 34 35 36 37 1 38 39 39 40 41 42 43 44 45 46	1	COLLABORATIVE SPACES AT LIBRARY				1,518,615	315 \$/SF
26 27 28 29 30 31 32 33 33 34 35 36 37 1 38 39 40 41 42 43 44 44 45 46		Bl					
27 28 29 30 31 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 45 46		<u>Playground K</u>					
28 29 30 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 44 45 46		Demolish existing	2,600	SF	1.00	2.600	
29 30 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 44 45		Rough and fine grading, allow	2,600	SF	0.50	1,300	
30 31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 44 45		Tot turf	2,600	SF	18.00	46,800	
31 32 33 34 35 36 37 1 38 39 40 41 42 43 44 44		Drainage	2,600	SF	2.50	6,500	
32 33 34 35 36 37 1 38 39 40 41 42 43 44 45 46		Irrigation	2,600	SF	3.00	7,800	
34 35 36 37 1 38 39 40 41 42 43 44 44 45		Lighting	2,600	SF	3.00	7,800	
35 36 37 1 38 39 40 41 42 43 44 45		Play equipment allowance	1	LS	50,000.00	50,000	
36 37 1 38 39 40 41 42 43 44 45 46		Miscellaneous benches, furnishings etc	2,600	SF	3.00	7,800	
37 1 38 39 40 41 42 43 44 45							
38 39 40 41 42 43 44 45 46							
39 40 41 42 43 44 45 46	1	PLAYGROUND K				130,600	50 \$/SF
40 41 42 43 44 45 46							
41 42 43 44 45 46		Playground Modernization					
42 43 44 45 46		Demolish existing	92,000	SF	1.00	92,000	
43 44 45 46		Rough and fine grading, allow	92,000	SF	0.50	46,000	
44 45 46		Tot turf	92,000	SF	18.00	1,656,000	
45 46		Reconfigure stormwater drainage	92,000	SF	2.50	230,000	
46		Irrigation	92,000	SF	3.00	276,000	
47		Lighting	92,000	SF	1.00	92,000	
		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	1	PLAYGROUND MODERNIZATION				2,818,000	31 \$/SF
52							
53		Shade Structure					
54							
55		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
		with a solid roof	-,		.20.00	002,000	
56 57							
57 58 1							
58 1	1	SHADE STRUCTURE				562,500	125 \$/SF

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



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FΡ	RIORLI	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
•		Admin Support Services	20,11111		0.11.1.0.1.2		001111111111111111111111111111111111111
1							
2		New building allowance	1,140	SF	550.00	627,000	
33							
64							
35	1	ADMIN SUPPORT SERVICES				627,000	550 \$/SF
36							
37		Utility Survey					
38		ounty oursey					
		Condition Survey of underground utility lines					
39		(gas, domestic water, sanitary sewer,	215,000	SF	0.20	43,000	
		bldg/stormwater drain, electrical, data)					
70		*					
71							
72	1	UTILITY SURVEY				43,000	
73						,	
74		Plumbing Repairs					
75		- Inches of the Paris					
•		Repair campus sanitary sewer lines & bldg.					
		drain lines. Assume repair/replacement of	0.15.005				
76		100% sanitary sewer lines, 50% of stormwater	215,000	SF	5.00	1,075,000	
		drain lines, 25% of domestic water lines					
77		·					
78							
79	1	PLUMBING REPAIRS				1,075,000	5 \$/SF
30							
31		Technology Upgrade					
32		realmoider operade					
		Replace fiber optic and copper cable networks					
		from MDF bldg E to Bldgs A-D, F-H, K-N, P,					
33		reuse existing raceways as necessary, replace	1,220	LF	25.00	30,500	
		if needed, add interior cabling to WAP's and					
		TV's with classrooms (24)					
34							
35							
36	2	TECHNOLOGY UPGRADE				30,500	
37							
38		Outdoor Learning Classroom					
39							
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,	24,700	SF	5.00	123,500	
		tables etc)					
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	
00							
01							
02	2	OUTDOOR LEARNING CLASSROOM				1,100,950	45 \$/SF
03							
04		Staff Parking					
05							
06		Demo existing	17,000	SF	1.00	17,000	
07		Rough and fine grade	17,000	SF	0.50	8,500	
80		New asphalt paving	17,000	SF	5.00	85,000	
09		Striping, curbs, wheel stops, signage	1	LS	20,000.00	20,000	
		Lighting	17,000	SF	3.00	51,000	
10							
10 11 12		Security	17,000	SF	1.00	17,000	

198,500

12 \$/SF

2 STAFF PARKING



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MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

		ELEMENTARY SCHOOL - ESTIMATE DETAIL Y DESCRIPTION	QUANTITY	UoM	UNIT RATE		: 40,379 COMMENTS
EF PR	IUKII	Y DESCRIPTION	QUANTITY	UOM	UNITRATE	TOTAL	COMMENTS
115		Collaborative Instructional Spaces					
		Collaborative instructional spaces					
17		Remove partitions to accommodate for					
18		operable walls, including hazmat allowance	120	LF	75.00	9,000	
19		Structural work allowance	1	LS	15,000.00	15,000	at dividing walls only
20		New operable walls	120	LF	1,800.00	216,000	at dividing vialls only
20		New operable walls	120	LF	1,000.00	2 10,000	as required at disturbed areas ald
21		Cut & patch interiors at renovated walls	120	LF	120.00	14,400	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
26							
27		Fences And Gates - Oranmental					
28							
29		Demo existing	1	LS	2,000.00	2,000	
30		Ornamental fence	285	LF	200.00	57,000	8"ht
31		Gates	2	EA	5.000.00	10,000	pedestrian
32					-,	,	-
33							
34	2	FENCES AND GATES - ORANMENTAL				69,000	
		FENCES AND GATES - ORANMENTAL				69,000	
35							
36		Restroom Modernization					
37							
38		Demolition	640	SF	10.00	6,400	
39		Floor finishes	640	SF	18.00	11,520	
40		Wall finishes	1,215	SF	20.00	24,300	
41		Ceiling finishes	640	SF	25.00	16,000	
42		Toilet accessories	4	EA	1,500.00	6,000	
43		Restroom modernization/expansion, add gender	4	EA	15,000.00	60,000	
		neutral, single-occupancy restrooms (4), 620SF	-	L/	10,000.00	00,000	
144							
45							
46	3	RESTROOM MODERNIZATION				124,220	194 \$/SF
47							
48		CLASSROOM STORAGE EXPANSION					
49							
50		New storage systems in classrooms	720	SF	25.00	18,000	
51		Reconfigure lighting/power as necessary	720	SF	5.00	3,600	
52							
153							
54	3	CLASSROOM STORAGE EXPANSION				21,600	
	,	SE SOROOM OF ORACL EXPANSION				21,000	
55							
56		SPED SENSORY SPACE					
57		D	4 500	05	200.00	000 000	
58		Renovate space in Bldg. P for sensory space	1,500	SF	200.00	300,000	
59							
60							
61	3	SPED SENSORY SPACE				300,000	200 \$/SF
62							
63		WINDOW REPLACEMENT					
64							
64		Replace existing glass windows with thermal	,		4 500 000 00	4 500 000	
		insulating glass	1	LS	1,500,000.00	1,500,000	remove and replace - allowance
65							
65 66							
65 66 67	3	WINDOW DEDI ACEMENT				1 500 000	
65 66 67 68	3	WINDOW REPLACEMENT				1,500,000	
65 66 67 68	3					1,500,000	
65 66 67 68 69 70	3	WINDOW REPLACEMENT Utility Network Repairs				1,500,000	
65 66 67 68 69 70 71	3	Utility Network Repairs				1,500,000	
65 66 67 68 69 70 71	3	Utility Network Repairs Assume repair/replacement of 25% of utility					
65 66 67 68 69 70	3	Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs	215,000	SF	0.75	1,500,000 161,250	
65 66 67 68 69 70 71	3	Utility Network Repairs Assume repair/replacement of 25% of utility	215,000	SF	0.75		
66 66 67 68 68 69 70	3	Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs	215,000	SF	0.75		
66 66 67 68 68 69 70	3	Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs	215,000	SF	0.75		

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



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MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 40 379

IONIA	LOMA	ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF: 40,379		
EF P	RIORIT'	Y 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 - exclude	
185								
186							· · · · · · · · · · · · · · · · · · ·	
187	TBD	SOLAR PANELS						



Masterplan Budget Plan September 30, 2019

STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

STEVE	NSON E	LEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 32,079
REF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
3		Fences And Gates - Ornamental					
4		Demo existing	1	LS	1,500.00	1,500	
5		Ornamental fence	200	LF	200.00	40,000	8'ht
6		Gates	2	ĒA	5,000.00	10,000	pedestrian
7		Guico			0,000.00	10,000	,
8							
9	1	FENCES AND GATES - ORNAMENTAL				51,500	
		PENCES AND GATES - OKNAMENTAL				31,300	
10		0. 1.0.					
11		Shade Structure					
12		New steel frame, open-sided shade structure					
13		with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
14		With a solid roof					
15							
16	1	SHADE STRUCTURE				562,500	125 \$/SF
	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		Newsoftscape	14,250	SF	15.00	213,750	30%
24		Drainage	47,500	SF SF	2.50 3.00	118,750	
25		Irrigation Allow for site furnishings - benches, seatwalls,	14,250	or_	3.00	42,750	
26		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	dilovidice
29		Lighting	47,500	SF	2.00	95,000	
30		Potable water/bib	47,500	SF	1.00	47,500	
31		1 State Hater Sile	11,000		1.00	11,000	
32							
33	1	OUTDOOR LANDSCAPED AREAS				2,187,750	46 \$/SF
34						_,,	
35		Technology Upgrade					
36		reciniology opdiage					
30		Replace IDF cabinet in library with larger					
37		cabinet. Install Front Row conductor for PA	1	LS	25,000.00	25,000	
		system.			20,000.00	20,000	
38		-,					
39							
40	2	TECHNOLOGY UPGRADE				25,000	
		TEGINIOEGGT OF GRADE				20,000	
41		01					
42 43		Storage Expansion					
43		New storage building	1,800	SF	275.00	495,000	
45		new atorage building	1,000	or	2/3.00	490,000	
46							
	2	CTODACE EXPANCION				405.000	075.005
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-	1	LS	75,000.00	75,000	
		oriented systems	•				
53 54							
55	3	MUR MODERNIZATION/A-V UPGRADE				78,500	
56							
57		Solar Panels					Under District Study - excluded
58		<u> </u>					
59							
60	TBD	SOLAR PANELS					\$0 / SF

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



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	IF ELEMENTARY SCHOOL - ESTIMATE DETAIL					: 37,969
	ITY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Replace HVAC					
3	New HVAC units in 5 single-story classroom					
4	buildings and 1 library. Replace Existing HVAC	30.608	SF	32.00	979.456	
4	Systems, (6) Bldgs. (Nos. C, D, E, F, G, H)	30,000	or	32.00	979,430	
5	Systems, (b) Blugs. (Nos. C, D, E, F, G, H)					
6						
7 1	REPLACE HVAC				070 450	32 \$/SF
	REPLACE HVAC				979,456	32 \$/SF
8						
9	<u>Playground K</u>					
10						
11	Demolish existing	9,300	SF	1.00	9,300	
12	Rough and fine grading, allow	9,300	SF	0.50	4,650	700/
13	Tot turf	6,510	SF	18.00	117,180	70% 30%
14	Hardscape	2,790	SF	25.00	69,750	JU%
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	Newsoftscape	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	
	Allow for site furnishings - benches, seatwalls,					
32	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
•	LANDOORFE COURT TARDS				722,130	J1 \$/3F
39	Charle Churchure					
40	Shade Structure					
41						
42	New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
	with a solid roof	,				
43						
44						
45 1	SHADE STRUCTURE				562,500	125 \$/SF
46						
47	Utility Survey					
48						
	Condition survey for underground utility lines					
49	(water, sanitary sewer, stormwater drain, gas,	240,000	SF	0.20	48,000	
	electrical/data conduits)					
50	<i>'</i>					

48,000

0 \$/SF

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1 UTILITY SURVEY

96

100

101

102

TECHNOLOGY UPGRADE

Classroom Modernization

Modernize classroom spaces - create lab/workroom-type instructional spaces, Introduce transparent, operable partitions

between classrooms and with exteriors

CLASSROOM MODERNIZATION



Masterplan Budget Plan September 30, 2019

THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 37,969

73,545

3,922,400

3,922,400

160 \$/SF

	ORIT	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	OKIII	DESCRIPTION	QUANTITY	OOW	ONITRATE	TOTAL	COMMENTS
53		Discribing Description					
54		Plumbing Repairs					
55							
		Repair campus sanitary sewer lines & bldg.					
		drain lines. Assume repair/replacement of					
56		100% sanitary sewer lines, 50% of stormwater	240,000	SF	5.00	1,200,000	
		drain lines, 25% of domestic water lines. See					
		utility survey area.					
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	00.0
				SF			10%
67		Softscape - allow for minimal trees/shrubs	4,970		15.00	74,550	1076
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							
	2	FENCES AND GATES - ORNAMENTAL				246,000	
82	2	FENCES AND GATES - ORNAMENTAL				246,000	
82 83	2					246,000	
82 83 84	2	FENCES AND GATES - ORNAMENTAL <u>Library Modernization</u>				246,000	
82 83 84	2	Library Modernization				246,000	
82 83 84 85	2	Library Modernization Interior renovation allowance - renovate entire	4,793	SF	325.00	246,000 1,557,725	
82 83 84 85	2	Library Modernization	4,793	SF	325.00	·	
81 82 83 84 85 86	2	Library Modernization Interior renovation allowance - renovate entire	4,793	SF	325.00	·	
82 83 84 85	2	Library Modernization Interior renovation allowance - renovate entire	4,793	SF	325.00	·	
82 83 84 85 86 87 88	2	Library Modernization Interior renovation allowance - renovate entire	4,793	SF	325.00	·	325 \$/SF
82 83 84 85 86 87 88 89		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting LIBRARY MODERNIZATION	4,793	SF	325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88 89		Library Modernization Interior renovation allowance - renovate entire library with new FF&E, including HVAC, lighting	4,793	SF	325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting LIBRARY MODERNIZATION	4,793	SF	325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting LIBRARY MODERNIZATION	4,793	SF	325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting HVAC, lighting LIBRARY MODERNIZATION Technology Upgrade Create collaborative classroom spaces with	4,793	SF	325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90		Interior renovation allowance - renovate entire library with new FF&E, including HVAC, lighting LIBRARY MODERNIZATION Technology Upgrade Create collaborative classroom spaces with lab/workroom type instructional spaces, Bldgs.		SF		1,557,725 1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90 91		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting LIBRARY MODERNIZATION Technology Upgrade Create collaborative classroom spaces with lab/workroom type instructional spaces, Bldgs. C, D, E, G. Modernize/retruish Gr 1-5.	4,793		325.00	1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90 91		Interior renovation allowance - renovate entire library with new FF&E, including HVAC, lighting LIBRARY MODERNIZATION Technology Upgrade Create collaborative classroom spaces with lab/workroom type instructional spaces, Bldgs. C., D. E., G. Modernize/refurbish Gr 1-5 classrooms (17)				1,557,725 1,557,725	325 \$/SF
82 83 84 85 86 87 88 89 90 91		Library Modernization Interior renovation allowance - renovate entire library with new FF8E, including HVAC, lighting LIBRARY MODERNIZATION Technology Upgrade Create collaborative classroom spaces with lab/workroom type instructional spaces, Bldgs. C, D, E, G. Modernize/retruish Gr 1-5.				1,557,725 1,557,725	325 \$/SF

24,515

SF

160.00

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



Masterplan Budget Plan September 30, 2019

REF F	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
104							
105		Building Structural Upgrade					
106		All	4.000	05	50.00	05.000	
107 108		Allowance for shear and structural supports	1,300	SF	50.00	65,000	
109							
110	2	BUILDING STRUCTURAL UPGRADE				65,000	50 \$/SF
111		BOLESHIG OTHOGTONAL OF GRADE				00,000	00 4/0/
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	
119 120		Lighting Play equipment allowance	2,600	SF LS	3.00 50.000.00	7,800 50,000	
120		Miscellaneous benches, furnishings etc	1 2,600	LS	3.00	7,800	
122		wisconarieous periories, furnishings etc	2,000	LO	3.00	7,000	
123							
124	3	PLAYGROUND 1-5				130,600	50 \$/SF
125							
126		Landscape - Campus Frontage					
127		<u> </u>					
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 SF	2.25 1.50	25,200 16,800	
134		Irrigation Lighting	11,200 28,000	SF	3.00	84,000	
135		Misc site amenities	28,000	SF	3.00	84,000	
136		Wildo Sito arrioritios	20,000	0.	0.00	01,000	
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		modiating glass					
144							
145	3	WINDOW REPLACEMENT	_			1,515,000	
146							
147		Roof Repair					
148							
		Repair damaged membrane, pipe					
149		flashings/storm collars, gutters/drain assemblies	33,758	SF	7.00	236,306	Not a roof replacement
		- allow					
150							
151	•	DOOF DEDAID				000 000	
152	3	ROOF REPAIR				236,306	7 \$/SF
153 154		Hillity Naturals Danaira					
		Utility Network Repairs					
155		Assume repair/replacement of 25% of utility					
156		systems not covered under plumbing repairs	240,000	SF	2.00	480,000	
		(gas, electrical/data). See utility survey area	_ 10,000	0.	2.00	100,000	
157		, , , , , , , , , , , , , , , , , , , ,					
158							

480,000

2 \$/SF

3 UTILITY NETWORK REPAIRS

159



Masterplan Budget Plan September 30, 2019

THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 37,969

RIORITY	Y DESCRIPTION New Ashpalt Overlay Demolish existing Asphalt overlay of existing playground (pedestrian use) Allow for striping NEW ASHPALT OVERLAY	38,000 38,000 38,000	UoM SF SF SF	1.00 4.50 0.15	38,000 171,000 5,700	COMMENTS
4	Demolish existing Asphalt overlay of existing playground (pedestrian use) Allow for striping	38,000	SF	4.50	171,000	
4	Demolish existing Asphalt overlay of existing playground (pedestrian use) Allow for striping	38,000	SF	4.50	171,000	
4	Asphalt overlay of existing playground (pedestrian use) Allow for striping	38,000	SF	4.50	171,000	
4	Asphalt overlay of existing playground (pedestrian use) Allow for striping	38,000	SF	4.50	171,000	
4	(pedestrian use) Allow for striping					
4		38,000	SF	0.15	5,700	
4	NEW ASHPALT OVERLAY					
4	NEW ASHPALT OVERLAY					
4	NEW ASHPALT OVERLAY					
					214,700	6 \$/SF
	Restroom Modernization					
		4.000		40.00	40.000	
		- 0	LA	1,300.00	3,000	
	wall piping rework to support relocation of	1,900	SF	40.00	76,000	
	lixtures					
4	RESTROOM MODERNIZATION				237,000	125 \$/SF
	Electrical Upgrade					
	Replace switchgear to support 26 classrooms (700 stu), library, admin bldg., and MUR	1	LS	624,000.00	624,000	
TBD	ELECTRICAL UPGRADE				624,000	
	Solar Panels					Under District Study - excluded
	_					
TBD	SOLAR PANELS					
	TBD	fixtures 4 RESTROOM MODERNIZATION Electrical Upgrade Replace switchgear to support 26 classrooms (700 stu), library, admin bldg., and MUR TBD ELECTRICAL UPGRADE Solar Panels	Demolition 1,900 Floor finishes 1,900 Wall finishes 2,565 Ceiling finishes 1,900 Tollet accessories 6 MEP allowance, includes fixture replacement, in wall piping rework to support relocation of fixtures 4 RESTROOM MODERNIZATION Electrical Upgrade Replace switchgear to support 26 classrooms (700 stu), library, admin bidg., and MUR TBD ELECTRICAL UPGRADE Solar Panels	Demolition 1,900 SF Floor finishes 1,900 SF Wall finishes 2,565 SF Ceiling finishes 1,900 SF Tollet accessories 6 EA MEP allowance, includes fixture replacement, in wall piping rework to support relocation of 1,900 SF fixtures 4 RESTROOM MODERNIZATION Electrical Upgrade Replace switchgear to support 26 classrooms (700 stu), library, admin bidg., and MUR 1 LS TBD ELECTRICAL UPGRADE	Demolition	Demolition

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VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL

VARG	AS ELEM	IENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 25,488
REF I	PRIORIT'	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Admin Support Services					
3							
4		New building allowance	880	SF	550.00	484,000	
5							
6							
7	1	ADMIN SUPPORT SERVICES				484,000	550 \$/SF
8							
9		Storage					
10							
11		New building allowance	1,300	SF	275.00	357,500	
12							
13							
14	1	STORAGE				357,500	275 \$/SF
15							
16		Shade Structure					
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		Solar Panels					Under District Study - excluded
23 24		Solar Panels					Under District Study - excluded
23	TBD	SOLAR PANELS					Under District Study - excluded

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	RIORI <u>T</u>	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1							
2		Replace HVAC					
3							
		New HVAC units in 10 single-story classroom	05.000	0.5	00.00	0.000.400	
4		and admin. Buildings (10) Bldgs. (Nos. 100,	65,006	SF	32.00	2,080,192	
5		200, 300, 500, 700, 800, 1000)					
6							
7	1	REPLACE HVAC				2,080,192	32 \$/SF
	'	REPLACE HVAC				2,060,192	32 \$/SF
9		Locker Room Modernization/Replacement					
10		Locker Room Modernization/Replacement					
11		Construct new locker rooms facility	4,691	SF	500.00	2,345,500	
12		Construct new locker rooms facility	4,001	- 01	300.00	2,040,000	
13							
14	1	LOCKER ROOM MODERNIZATION/REPLACEM	FNT			2,345,500	500 \$/SF
15		2001211 TOOM MODERNIZATION/REPEACEM				2,040,000	000 V/G/
15 16		New PE Classroom					
17		NEW FL CIASSIOUII					
18		Construct new PE Classroom	1,200	SF	500.00	600,000	
19		Table 1 Control of Con	1,200	٥.	000.00	000,000	
20							
21	1	NEW PE CLASSROOM				600,000	500 \$/SF
22	•	NEW 7 E GENOCKOOM				000,000	
23		Frontage Improvement					
24		Trontage improvement					
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		Disital sissess allowers	1	LS	75 000 00	75.000	
40		Digital signage allowance Electrical/telecom allowance serving new			75,000.00	75,000	
41		Marquis	1	LS	10,000.00	10,000	
42		an apara					
43							
44	1	SIGNAGE MARQUIS				85,000	
45		S.S.I.I.S.Z. IIIAN QUIO				00,000	
46		MUR Modernization/Replacement					
47		mort modernization//replacement					
		Allowance for renovation/modernization -					
48		reconfigure for MUR, snack shop and kitchen	9,440	SF	350.00	3,304,000	
49							
49 50	1	MUD MODERNIZATION/PERI ACEMENT				3 304 000	250 6/05
49 50 51	1	MUR MODERNIZATION/REPLACEMENT				3,304,000	350 \$/SF
49 50 51 52	1					3,304,000	350 \$/SF
49 50 51 52 53	1	MUR MODERNIZATION/REPLACEMENT Security System Upgrade - PA				3,304,000	350 \$/SF
49 50 51 52 53 54	1	Security System Upgrade - PA	1	16	15 000 00		350 \$/SF
49 50 51 52 53 54 55	1		1	LS	15,000.00	3,304,000 15,000	350 \$/SF
49 50 51 52 53 54	1	Security System Upgrade - PA	1	LS	15,000.00		350 \$/SF

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



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F P	RIORLI	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
9	MOM	T BECOKE HOW	QUARTITI	00111	ONTRAIL	TOTAL	JOININE IVIO
60		Fences And Gates - Ornamental					
61							
62		Demo existing	1	LS	2,625.00	2,625	011.4
63 64		Ornamental fence Gates	525 7	LF EA	200.00	105,000	8'ht pedestrian
54 85		Gates	,	EA	5,000.00	35,000	pedestrian
66							
67	1	FENCES AND GATES - ORNAMENTAL				142,625	
		FENCES AND GATES - ORNAMENTAL				142,023	
68 69		<u>Drinking Fountains</u>					
70		Diffiking Fountains					
		Replace aging drinking fountains Bldgs 100,					
71		200, 300, 500, 800, 1100, hi/lo type with bottle	6	EA	5,000.00	30,000	
		filler					
72							
73							
74	1	DRINKING FOUNTAINS				30,000	
75							
76		Electrical Upgrade					
77							
		Site is at capacity (breakers, servicing gear),					
78		upsize system to expand capacity New	1	LS	240,000.00	240,000	
		servicing gear and breakers (replacement) to			210,000.00	2 10,000	
		increase system capacity 50% above existing					
79 80							
	_	ELECTRICAL LIBORANE				240.000	
81	2	ELECTRICAL UPGRADE				240,000	
82							
83		Utility Survey					
84		Condition Survey of underground utility lines					
85		(gas, domestic water, sanitary sewer,	320,000	SF	0.20	64,000	
		bldg/stormwater drain, electrical, data)	020,000	0.	0.20	0 1,000	
86		, , , , , , , , , , , , , , , , , , , ,					
87							
88	2	UTILITY SURVEY				64,000	0 \$/SF
89							
90		PLUMBING REPAIRS					
91							
		Assume repair/replacement of 75% sanitary					
92		sewer lines, 50% of stormwater drain lines, 25%	320,000	SF	3.00	960,000	
		of domestic water lines					
93							
94	_						
95	3	PLUMBING REPAIRS				960,000	3 \$/SF
96							
97		Shade Structure					
98		New steel frame, open-sided shade structure					
99		with a solid roof	4,500	SF	125.00	562,500	
100							
101							
02	2	SHADE STRUCTURE				562,500	125 \$/SF
03						,	/
04		Landscape - Courtyards					
05							
06		Demolition	57,500	SF	1.00	57,500	
07		Rough and fine grading, allow	57,500	SF	0.50	28,750	
08		New hardscape	40,250	SF	35.00	1,408,750	70%
109		Newsoftscape	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	
		Allow for site furnishings - benches, seatwalls,	57,500	SF	5.00	287,500	
12		tables etc)					

LS

150,000.00

150,000

allowance

Shade feature, allow

113

REF PRIORITY DESCRIPTION

154 155

156

157

158 159 160

161

162 163

164

Window Replacement

WINDOW REPLACEMENT

insulating glass

Roof Repair

Replace existing glass windows with thermal

Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies 29,195



QUANTITY

Masterplan Budget Plan September 30, 2019

CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 106,781 115,000

REF P	RIORIT	Y 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		Classroom Modernization					
122		<u> </u>					
		Modernize classroom spaces - structural					
		upgrades/support for 2nd floor.					
123		L1-reconfigure interior walls & add openings	17,705	SF	275.00	4,868,875	
123		L2-reconfigure all non-structural walls	17,703	31	273.00	4,000,073	
		(increase number of classrooms)					
124							
125							
126	2	CLASSROOM MODERNIZATION				4,868,875	275 \$/SF
127							
128		Roof Repair					
129							
		Description of the state of the					
		Remove existing shingles, re-roof w/ asphalt	04.000		00.00	004.007	
130		shingles. Repair damaged membrane, pipe	24,999	SF	33.00	824,967	
		flashings/storm collars, gutters/drain assemblies					
131							
132							
133	2	ROOF REPAIR				824,967	33 \$/SF
134							
135		Technology Upgrade					
136							
		Network cabling in classrooms. Replace copper					
		cable networks Classroom Bldgs.					
		Bldgs. 400, 1000 (Locker), 1100 (Gym) New					
137		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		Restroom Modernization					
145		Restroom Modernization					
146		Remove and replace wall finishes	4,550	SF	25.00	113,750	
		Remove and replace wall linishes Remove and replace ceiling finishes	3,000	SF	30.00	90,000	
			3,000	SF	25.00		
147						75,000	
148		Remove and replace floor tiles					
148 149		Replace partitions & accessories, allow	12	EA	1,500.00	18,000	
148 149 150							
148 149 150 151		Replace partitions & accessories, allow	12	EA	1,500.00	18,000	
148 149 150	2	Replace partitions & accessories, allow	12	EA	1,500.00	18,000	159 \$/SF

LS

2,450,000.00

7.00

2,450,000

2,450,000

204,365

remove and replace - allowance

Not a roof replacement

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REF PRIORITY DESCRIPTION QUANTITY UoM UNIT RATE TOTAL COMMENTS	CRITT	ENDEN E	ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 106,781
197 3 ROOF REPAIR 204,365 7 s/sF	REF I	PRIORIT'	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
167 3 ROOF REPAIR 204,365 7 \$\text{ \$\text{\$Y\$}\$} 168 Utility Network Repair 170	165							
188	166							
198	167	3	ROOF REPAIR				204,365	7 \$/SF
Assume repair/replacement of 25% of utility systems not covered under plumbing repairs (gas, electrical/data) 320,000 SF 1.00 320,000	168							
Assume repair/replacement of 25% of utility systems not covered under plumbing repairs 320,000 SF 1.00 320,000 (gas, electrical/data) 172 173 174 3 UTILITY NETWORK REPAIR 320,000 1 \$/SF 175 176 177 177 178 180 181 4 PLAYFIELD RAIL UPGRADE 25,000 182 183 Auditorium Systems Upgrade 184 185 Replace A-V/Sound System 1 LS 200,000 200,000 186 187 188 4 AUDITORIUM SYSTEMS UPGRADE 200,000 189 180 180 181 182 183 Structural Upgrade 189 180 Structural upgrade to B300 if bldg is modernized 97 system 191 181 182 Upgrade 183 Auditorium Systems Upgrade 184 185 Structural Upgrade 187 188 4 AUDITORIUM SYSTEMS UPGRADE 200,000 189 189 180 Structural upgrade to B300 if bldg is modernized 97 system 192 189 Structural upgrade to B300 if bldg is modernized 97 system 193 194 195 STRUCTURAL UPGRADE 348,750 75 system 196 197 Solar Panels Under District Study - excluded 198 198			Utility Network Repair					
172 systems not covered under plumbing repairs 320,000 SF 1.00 320,000 172	170							
173	171		systems not covered under plumbing repairs	320,000	SF	1.00	320,000	
174 3 UTILITY NETWORK REPAIR 320,000 1 s/sF 175	172							
175	173							
176	174	3	UTILITY NETWORK REPAIR				320,000	1 \$/SF
178	175							
1	176		Playfield Rail Upgrade					
179								
181			Replace rail, allowance	1	LS	25,000.00	25,000	
181								
182	180							
183	181	4	PLAYFIELD RAIL UPGRADE				25,000	
184								
185			Auditorium Systems Upgrade					
188								
188			Replace A-V/Sound System	1	LS	200,000.00	200,000	
188								
189								
190	188	4	AUDITORIUM SYSTEMS UPGRADE				200,000	
191 Provide structural upgrade to B300 if bldg is 4,650 SF 75.00 348,750 assume architectural cut and patch as needed only as needed only 193 TBD STRUCTURAL UPGRADE 348,750 76 s/sF Under District Study - excluded 198 198 199 199 199 199 199 199 199 199								
Provide structural upgrade to B300 if bldg is 4,650 SF 75.00 348,750 assume architectural cut and patch as needed only as needed on needed on needed only as needed on			Structural Upgrade					
192 modernized 4,550 5F	191							
193	192			4,650	SF	75.00	348,750	
195 TBD STRUCTURAL UPGRADE 348,750 76 \$r\$F 196 197 Solar Panels Under District Study - excluded 198 199 199	193							•
196	194							
197 <u>Solar Panels</u> Under District Study - excluded 198 199	195	TBD	STRUCTURAL UPGRADE				348,750	75 \$/SF
198 199	196							
199	197		Solar Panels					Under District Study - excluded
	198							
200 TBD SOLAR PANELS	199							
	200	TBD	SOLAR PANELS					



Masterplan Budget Plan September 30, 2019

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 84,173

RAHAM ELEN	IENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 84,173
EF PRIORITY 1	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Replace HVAC					
	Replace HVAO					
	Replace Existing HVAC Systems8 Bldgs.					
	(Nos. 2, 3, 4, 5, 6, 8, 11, 12) New HVAC units in	39,838	SF	32.00	1,274,816	
	10 single-story classroom and admin, buildings					
5						
3						
7 1	REPLACE HVAC				1,274,816	32 \$/SF
В						
9	Classroom Modernization					
0						
	Modernize classroom spaces - lab-type spaces					
1	for woodshop (electrical/ventilation), home	6,396	SF	275.00	1,758,900	
	economics (i.e., kitchens), and art lab type	·				
2	spaces					
3						
4 1	CLASSROOM MODERNIZATION				1,758,900	275 \$/SF
5					1,122,222	
6	Landscape - Courtyards					
7						
8	Demolition	41,850	SF	1.00	41,850	
9	Rough and fine grading, allow	41,850	SF	0.50	20,925	
:0	New hardscape	20,925	SF	35.00	732,375	50%
:1	New softscape	20,925	SF	15.00	313,875	50%
2	Drainage	41,850	SF	2.50	104,625	
13	Irrigation	20,925	SF	3.00	62,775	
4	Allow for site furnishings - benches, seatwalls,	41,850	SF	5.00	209,250	
	tables etc) Shade feature, allow	1	LS	150.000.00	150,000	allowance
26	Electric/data connections	41,850	SF	1.00	41,850	allowance
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						
14	New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	
5	with a solid roof					
6						
7 1	SHADE STRUCTURE				562,500	125 \$/SF
8	STADE STROSTORE				002,000	133 \$73
19	Fences And Gates - Ornamental					
0						
1	Demo existing	1	LS	4,800.00	4,800	
2	Ornamental fence	960	LF	200.00	192,000	8'ht
3	Gates	6	EA	20,000.00	120,000	vehicular
4						
5						
6 1	FENCES AND GATES - ORNAMENTAL				316,800	
7						
8	Utility Survey					
9	0					
0	Condition Survey of underground utility lines	305.000	SF	0.20	70.000	
U	(gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	395,000	SF	0.20	79,000	
1	biogratori i water dram, electrical, data)					
2						
3 2	UTILITY SURVEY				79,000	0 \$/SF
4						
	Plumbing Repairs					
3						

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



Masterplan Budget Plan September 30, 2019

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

EE BE		MENTARY SCHOOL - ESTIMATE DETAIL	OHANITIEV	II-M	LINUT DATE		: 84,173
EF PF	RIORITY	/ 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							
i9	_						
0	2	PLUMBING REPAIRS				1,185,000	3 \$/SF
1		Gym Modernization					
3		Gym modernization					
34		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	
5		New FF&E					excluded
36 37							
8	2	GYM MODERNIZATION				7,300,000	250 \$/SF
9	-	OTH MODERNIER TON				7,000,000	200 4/01
0		Locker Room Modernization					Included with Gym Modernization
1		Looker Moder Medical					above
2							
3	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							
30	2	ROOF REPAIR				537,570	33 \$/SF
31		NOO! NE! AIN				331,310	33 4/31
32 33		Technology Upgrade					
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	
38		TECHNOLOGY OF GRADE				33,000	
39		Signage - Campus Frontage					
90							
91		Allow for new signage	1 1	LS	75,000.00	75,000	
92		New signage, allow power and data	1	LS	10,000.00	10,000	
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
00		modium g glass					
01							
02	3	WINDOW REPLACEMENT				2,465,000	
03							
04		Fences And Gates - Ornamental					
05		Dama a dation		1.0	2 500 00	0.500	
06 07		Demo existing Ornamental fence	1 415	LS LF	2,500.00 200.00	2,500 83.000	8'ht
08		Gates	6	EA	5,000.00	30,000	pedestrian
09					-1	,	



Masterplan Budget Plan September 30, 2019

GSF: 84,173

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

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

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



Masterplan Budget Plan September 30, 2019

REF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
112							
113		Pickup/Dropoff, Parking					
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	11	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 Lighting	4,100 41,000	SF SF	3.00	12,300 123,000	
123		Lighting	41,000	or	3.00	123,000	
124							
	3	DIOKUDIDDODOEE DADKING				000.000	00 4/05
125	3	PICKUP/DROPOFF, PARKING				898,600	22 \$/SF
126							
127		Restroom Modernization					ADA upgrades/lighting completes
128					05.00		
129		Remove and replace wall finishes	3,625	SF	25.00	90,625	
130 131		Remove and replace floor tiles Replace partitions & accessories, allow	2,280 10	SF EA	25.00 2,500.00	57,000 25,000	
131		Plumbing fixtures	2,280	SF	35.00	79,800	
132		Turnong lixtures	2,200	or	33.00	19,000	
134							
135	3	RESTROOM MODERNIZATION				252,425	111 \$/SF
	3	RESTROOM MODERNIZATION				252,425	111 \$/SF
136							
137		Roof Repair					
138		Densit descend secondary size					
139		Repair damaged membrane, pipe	20.052	0.5	7.00	077.574	
139		flashings/storm collars, gutters/drain assemblies	39,653	SF	7.00	277,571	Not a roof replacement
140		- allow					
141							
142	3	ROOF REPAIR				277,571	7 \$/SF
143							
144		Utility Network Repairs					
145							
		Assume repair/replacement of 25% of utility	205 220	0.5	1.05	400 750	
146		systems not covered under plumbing repairs	395,000	SF	1.25	493,750	
147		(gas, electrical/data)					
148							
149	3	UTILITY NETWORK REPAIRS				493,750	1 \$/SF
150							
151		Covered Walkway					
152							
		Assume repair/reroof 50% of covered walkway					
153		roof (built-up roof) and walkways (concrete)	14,800	SF	30.00	444,000	
		area					
154							
155							
156	4	COVERED WALKWAY				444,000	30 \$/SF
157							
		Playground - Relocate Bike Enclosure					
		New chain link fenced enclosure and asphalt	1,500	SF	20.00	30,000	
159		ground surface	.,500	J1	25.00	55,000	
159 160		9					
159 160 161		9,					
159 160 161							
159 160 161 162	4	PLAYGROUND - RELOCATE BIKE				30,000	20 \$/SF
159 160 161 162 163	4					30,000	20 \$/SF
159 160 161 162 163 164	4	PLAYGROUND - RELOCATE BIKE				30,000	20 \$/SF Under District Study - excluded
158 159 160 161 162 163 164 165 166	4	PLAYGROUND - RELOCATE BIKE ENCLOSURE				30,000	
159 160 161 162 163 164 165	4	PLAYGROUND - RELOCATE BIKE ENCLOSURE				30,000	

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Masterplan Budget Plan September 30, 2019

LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

2 TECHNOLOGY UPGRADES

EF P	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1		Oite Aibilite					
3		Site Accessibility					
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							
9	1	SITE ACCESSIBILITY				51,030	32 \$/SF
10							
11		Play Cluster					
12		Duild new elevenee for procedural	1,000	SF	20.00	20.000	demo, landscaping
14		Build new play area for preschool Drainage, irrigation, lighting	1,000	SF	7.00	7,000	demo, landscaping
15		Play equipment	1,000	LS	50,000.00	50,000	
16		r ay oquipment	1	LO	30,000.00	30,000	
17							
18	1	PLAY CLUSTER				77,000	77 \$/SF
19 20		Fences And Gates					
21		i ences Ailu Gates					
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 30		Shade Structure					
30		New open-sided shade structure with a fabric					
31		roof in playground area	1,200	SF	85.00	102,000	
32		roor in playground area					
33							
34	1	SHADE STRUCTURE				102,000	85 \$/SF
35							
36		Outdoor Landscaped Spaces					
37		Demolition	7.000	CF.	1.00	7 000	
38 39		Demolition Rough and fine grading, allow	7,000 7,000	SF SF	1.00 0.50	7,000 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		Newsoftscape	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	wiis therive
		Lighting	7,000	SF	3.00	21,000	
48		Potable water/bib	7,000	SF	1.00	7,000	
48							
49							
49 50 51 52	1	OUTDOOR LANDSCAPED SPACES				323,700	46 \$/SF
49 50 51 52 53	1					323,700	46 \$/SF
49 50 51 52 53 54	1	OUTDOOR LANDSCAPED SPACES Technology Upgrades				323,700	46 \$/SF
49 50 51 52 53	1	Technology Upgrades				323,700	46 \$/SF
49 50 51 52 53 54 55	1	Technology Upgrades Replace ethernet cable with OM4 fiber cables to	500		05.00	,	46 \$/SF
49 50 51 52 53 54	1	Technology Upgrades Replace ethernet cable with OM4 fiber cables to connect to MDF, replace all copper cables with	520	LF	25.00	13,000	46 \$/SF
49 50 51 52 53 54 55	1	Technology Upgrades Replace ethernet cable with OM4 fiber cables to	520	LF	25.00	,	46 \$/SF

13,000

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



Masterplan Budget Plan September 30, 2019

LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

LATI	HAM ELEM	ENTARY 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

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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 quarantee that the bids received will not vary from this cost estimate,

CONTINGENCY

Design Contingency 15.0%

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.

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Masterplan Budget Plan SFIP Update November 01, 2019

Mountain View Whisham School District Student Facilities Improvement Plan Update

BASIS OF ESTIMATE

ESCALATION

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

33.82%
6.00%
6.00%
6.00%
6.00%
6.00%
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

- Au professional rees 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)

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Masterplan Budget Plan SPIP Update November 01, 2019

ain View, California					the consult	gals								
D CONSTRUCTION COST SUMMARY														
ROJECT	TOTAL	8488	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	THEUERKAUF	VARGAS	CRETTENDEN	GRAHAM	MONTECTO	COOPER
PROJECT I DEMO BUILDINGS	519,001	79,100	71,533	68,418			124,670				175,280			
PROJECT 1 SITE ENGINEERING	4,223,200	618,000	583,500	506,700			1,567,500				947,500			
PROJECT 1 SITE DESIGNATIONTAGENEW PARKING/PICKUP/DROPO	12.263.979	897.000	1,035,000	869.400			6,012,729				3.449.050			
PROJECT 1 REBUILD PLAYGROUND	969,500	399,000	295,000	275,500										
PROJECT 1 REPLACE BUILDINGS	72,583,100	11.528.000	10.725.000	10.355,000			18,095,000				21,840,100			
PROJECT 1A DEMO MOT & PORTABLES	40,320											40.320		
PROJECT 1A SITE ENGINEERING	414,000											414,000		
PROJECT 1A NEW BUILDINGS	14.245.000											14,245,000		
PROJECT 1A SITE DESIGNILANDSCAPING IMPROVEMENTS	1,595,010											1,595,010		
PROJECT 18 DEWO BUILDING	105,540											106,540		
PROJECT IS SITE ENGINEERING	248,000											248,000		
PROJECT 18 NEW BUILDINGS	6,105,000											6,105,000		
PROJECT 18 NEW LIBRARY IN RENOVATED BLDG	1,435,200											1,435,200		
PROJECT I NEW RESTROOMS	299,500				299,500									
PROJECT 2 NEW RESTROOMS	898,500	299.500	299,500	299,500										
PROJECT 2 DEMO PORTABLES	28.800				28.800									
	24,332,500										19,492,500	4.040.000		
PROJECT 2 DEMO BUILDING	299,797										123,936	196,772		
PROJECT 2 SITE PRONTAGE IMPROVEMENTS	1,285,000											1.265.000		
	7,540,000											7.540.000		
	7,645,000											7,645,000		
PROJECT 2 SITE ENGINEERING	934,750										234,750	700,000		
PROJECT 2 SITE DESIGNLANDSCAPING/MPROVEMENTS	1.747.120										883,120	864,000		
PROJECT 2 LANDSCAPING AND PLAY EQUIPMENT	637,599				637,560									
PROJECT 3 DEMO BUILDINGS	245,000				132,020						112,960			
PROJECT 1 SITE ENGINEERING	559,750				192,000						374.750			
PROJECT 3 SITE DESIGNUANDSCAPING	1.851.940				600,710						1,251,230			
	28.389.000				14,025,000						14,355,000			
	9,189,500	531,000	495,000	544,500	441,000	441,000	666,000	769,500	1,009,000	373,500	1,714,500	1,561,500		644,000
SECOND LEVEL DECK	472,500					472,500								
BUILD THREE NEW FLEX ROOMS	1,267,500					1,267,500								
BUILD OPEN PAYLION DECK	144,000					144,000								
MODERNIZE PORTABLES FOR CLASSROOM AND OFFICE	1,956,800												1,956,800	
MODERNIZE COURTYARD	429,100												429,180	
DEMO BUILDINGS	63,294												****	63,294
SITE IMPROVEMENTS	1.052.220													1,052,220
NEW SHOP	3.015.000													3,015,000
NEW WAREHOUSE	1,030,000													1,030,400
NEW ADMINISTRICE BUILDING	990,000													990,000
NEW COVERED LAYDOWN FACILITY	875,000													875,000
NEW DISTRICT KITCHEN	4,160,000													4,160,000
SITE IMPROVEMENTS	264,000													264,820
	216,320,711	14,351,600	13,504,533	12,959,018	14,346,530	2,325,000	26,465,399	769,503	1,003,000	373,500	64,955,495	48.761,342	2,425,560	12,074,314
	10.016.026	717.500	675.227	647.951	817.327	116,250	1,323,295	28,475	50.400	10,675	3.247.775	2.430.067	121,299	603.716
	21,632,071	1,435,160	1,399,493	1,295,902	1,634,653	232,500	2,646,590	76,950	100,800	37,350	6,495,550	4,876,134	242,598	1,207,431
PHASING	21,002,011	1,400.100	1,000,000	1,200,000	1,404,000	272.740	2340.000	14.700	100,000	01,350	0.400,000	4,010,104	242,770	1,007,401
	248,768,818	16,504,340	15,530,213	14,902,871	18,798,510	2,673,750	39.435.784	884.925	1.152.200	429,525	74,000,019	56,075,543	2,789,877	13,885,461
			388,255	372.572	469.963	66.844	792,825	22,123	21,910	10.738	1.867.470	1,401,889	69.747	347.137
	6.219.220	412,602												
INSURANCE + BONDING 2.5%					939.925		1 521 789	44.246						
INSURANCE + BONDING 2.5% FEE 5.0%	12,438,441	825.217	776,611	745,144	939,925	133,688	1,521,789	44,246	57,960 1,344,546	21,476	3,734,941	2,803,777	139,494	694.273
INSURANCE + BONDING 2.5% FEE 5.0% ESTIMATE SUB-TOTAL	12,438,441 267,426,479	825.217 17,742,168	776,511 16,694,979	745,144 16,020,586	21,216,398	133,688 2,874,281	32,718,468	951,294	1,245,140	461,739	80,301,231	99,281,269	2,959,118	14,929,871
INSURANCE + BONDING	12,438,441 267,426,479 40,113,972	825.217 17,742,198 2,661,325	776,511 16,694,979 2,504,247	745,144 16,020,586 2,403,088	29,296,398 3,031,290	133,668 2,874,281 431,142	32,718,468 4,907,770	951,294 142,694	1,245,140 166,921	461,739 69,261	80,301,231 12,045,185	99,281,269 9,042,181	2,959,118 449,968	14,929,871 2,239,031
INSURANCE + BONENIG	12,438,441 267,426,479 40,113,972 26,742,648	825.217 17,742,188 2,951,325 1,774,217	776,511 16,694,979 2,504,247 1,602,428	745,144 16,820,588 2,403,088 1,602,059	29,296,398 3,031,260 2,020,840	133,688 2,874,281 431,142 287,428	32,718,468 4.907,770 3,271,847	991,294 142,694 95,129	1,246,140 186,921 124,614	461,739 69,261 45,174	88,381,231 12,045,185 8,030,123	99,281,269 9,042,181 6,028,121	2,959,118 449,968 299,912	14,929,871 2,239,031 1,492,687
INSURANCE + BONDÍNG	12,438,441 267,426,479 40,113,972 26,742,648 80,227,944	825.217 17,742,198 2,651,325 1,774,217 5,322,650	776,511 16,694,979 2,594,247 1,602,438 5,002,494	745,144 16,820,586 2,403,088 1,602,059 4,806,176	28,286,398 3,031,290 2,020,840 6,062,519	133,688 2,874,281 431,142 287,428 962,284	32,718,468 4,907,770 3,271,847 9,815,540	951,294 142,694 95,129 285,388	1,246,140 186,921 124,614 373,042	461,739 69,261 45,174 138,522	88,381,231 12,045,185 8,030,123 24,090,369	99,281,269 9,042,181 6,028,121 18,084,363	2,959,118 449,968 299,912 899,735	14,926,871 2,239,031 1,492,687 4,478,061
INCLUMNICE + BORDÉNIQ	12,438,441 287,426,479 40,113,972 26,742,648 80,227,944 414,511,042	825.217 17,742,198 2,651,325 1,774,217 5,322,650 27,500,357	776,611 16,694,979 2,594,247 1,692,498 5,002,494 25,877,217	745,144 16,620,586 2,403,088 1,602,059 4,806,176 24,831,568	29,286,398 3,031,290 2,020,840 6,062,519 31,323,616	133,688 2,874,281 431,142 287,428 962,284 4,456,136	32,718,468 4,907,770 3,271,847 9,815,540 50,713,625	951,294 142,694 95,129 285,388 1,474,546	1,246,546 186,921 124,614 373,042 1,931,517	461,739 69.261 46,174 138,522 715,696	89,391,231 12,045,185 8,030,123 24,090,369 124,666,988	99,281,289 9,042,181 6,028,121 18,084,363 93,435,874	2,999,118 449,968 299,912 899,735 4,648,633	14,926,871 2,239,031 1,492,687 4,478,061 23,196,656
RELIGIANCE + BORDÍNG	12,438,441 267,426,479 40,113,972 26,742,648 80,227,944	825.217 17,742,198 2,651,325 1,774,217 5,322,650	776,511 16,694,979 2,594,247 1,602,438 5,002,494	745,144 16,820,586 2,403,088 1,602,059 4,806,176	28,286,398 3,031,290 2,020,840 6,062,519	133,688 2,874,281 431,142 287,428 962,284	32,718,468 4,907,770 3,271,847 9,815,540	951,294 142,694 95,129 285,388	1,246,140 186,921 124,614 373,042	461,739 69,261 45,174 138,522	88,381,231 12,045,185 8,030,123 24,090,369	99,281,269 9,042,181 6,028,121 18,084,363	2,959,118 449,968 299,912 899,735	14,926,871 2,239,031 1,492,687 4,478,061



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	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Project 1 Demo Buildings					
	Demo existing Units 1 and 2	11,300	SF	7.00	79,100	
5		,			,	
6						
7	PROJECT 1 DEMO BUILDINGS				79,100	
В						
9	Project 1 Site Engineering					
11	Site grading, site utilities	123,600	SF	5.00	618,000	
12	<u> </u>					
13						
4	PROJECT 1 SITE ENGINEERING				618,000	
5	D : // 0'/ D : /5 / // D : /5					
7	Project 1 Site Design/Frontage/New Parking/Pic	кир/ргороп				
8	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%
:1 :2	Landscaping, incl irrigation	6,500	SF	18.00	117,000	10%
23						
24	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PA	RKING/PICKUR	P/DROPO	FF	897,000	
25						
26	Project 1 Rebuild Playground					
27	All confer describes and an elementary	40.000	05	4.50	00.000	
28 29	Allow for demolition, clearing and grading New asphalt	46,000 46,000	SF SF	1.50 5.00	69,000 230,000	100%
30	New play equipment	2	LOC	50,000.00	100,000	
31						
32						
33	PROJECT 1 REBUILD PLAYGROUND				399,000	
34 35	Design 4 Dewless Buildings					
36	Project 1 Replace Buildings					
37	New building construction	20,960	SF	550.00	11,528,000	classrooms
38						
39						
10	PROJECT 1 REPLACE BUILDINGS				11,528,000	
11	Desired ON the Desired					
42 43	Project 2 New Restrooms					
	New adult restroom for park/playfield - new free-					
14	standing restroom (m/w) facility at playfield/	480	SF	400.00	192,000	
45	park for use by public		Ε.	10,000,00	10.000	
45 46	Drinking station Walkway	1 500	EA SF	10,000.00 35.00	10,000 17,500	
	Extend utilities (500 lf) to restroom (water,	500				
17	sanitary sewer, electrical, data)	500	LF	160.00	80,000	
18 19						
	DDO IFOT 2 NEW DECTROOMS				200 506	
0	PROJECT 2 NEW RESTROOMS				299,500	
i1 i2	Solar Energy					
-	Solai Effergy					
3						
i4	Install roof mounted solar arrays	118	KW	4,500.00	531,000	1-71 kW, 2-47 kW
53 54 55 56	Install roof mounted solar arrays	118	KW	4,500.00	531,000	1-71 kW, 2-47 kW

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HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
Project 1 Demo Buildings					
Demo existing Units 1 and 2	10.219	SF	7.00	71.533	
Danie oxiding danie i and 2	10,210	٥.	1.00	. 1,000	
PROJECT 1 DEMO BUILDINGS				71,533	
Project 1 Site Engineering					
Site grading, site utilities	116.700	SF	5.00	583.500	
Site grading, site utilities	116,700	or_	5.00	363,300	
PROJECT 1 SITE ENGINEERING				583,500	
Project 1 Site Design/Frontage/New Parking/Pic	kup/Dropoff				
*** * * *** * * * * * * * * * * * * *	75.000		4.50	110.500	
Allow for demolition, clearing and grading New asphalt	75,000 52,500	SF SF	1.50 5.00	112,500 262,500	100%
Concrete curbs/walkways	15,000	SF	35.00	525,000	20%
Landscaping, incl irrigation	7,500	SF	18.00	135,000	10%
PROJECT 1 SITE DESIGN/FRONTAGE/NEW PAR	RKING/PICKUI	P/DROPOF	F	1,035,000	
Project 1 Rebuild Playground					
Allow for demolition, clearing and grading	30,000	SF	1.50	45,000	100%
New asphalt	30,000	SF	5.00	150,000	10070
New play equipment	2	LOC	50,000.00	100,000	
PROJECT 1 REBUILD PLAYGROUND				295,000	
Posts of A Posts of Posts of					
Project 1 Replace Buildings					
New building construction	19.500	SF	550.00	10.725.000	classrooms
				, , ,	
PROJECT 1 REPLACE BUILDINGS				10,725,000	
Project 2 New Restrooms					
New adult restroom for park/playfield - new free-					
standing restroom (m/w) facility at playfield/	480	SF	400.00	192,000	
park for use by public					
Drinking station	1	EA	10,000.00	10,000	
Walkway Extend utilities (500 lf) to restroom (water,	500	SF	35.00	17,500	
sanitary sewer, electrical, data)	500	LF	160.00	80,000	
PROJECT 2 NEW RESTROOMS				299,500	
Solar Energy					
		KW	4,500.00	495.000	1-45 kW, 2-64 kW
Install roof mounted solar arrays	110	rvv	4,300.00	433,000	
Install roof mounted solar arrays	110	NVV	4,500.00	493,000	

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LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

1 2 Project 1 Demo Buildings 3 3 4 Demo existing Units 1 and 2 9,774 SF 7.00 68,418 5 5 6 5 6 6 6 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 12 12 13 14 15 15 15 15 15 15 15	
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	
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	
6 PROJECT 1 DEMO BUILDINGS 68,418 8 Project 1 Site Engineering 10 Site grading, site utilities 101,340 SF 5.00 506,700	
7 PROJECT 1 DEMO BUILDINGS 68,418 8 9 9 Project 1 Site Engineering 10 11 11 Site grading, site utilities 101,340 SF 5.00 506,700 12	
8 9 Project 1 Site Engineering 10 11 Site grading, site utilities 101,340 SF 5.00 506,700 12	
9	
10 11 Site grading, site utilities 101,340 SF 5.00 506,700 12	
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	
10 FTOJECT 1 Site Designir Frontage/New Farking/Fickup/Dropon	
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%	
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 <u>Project 1 Rebuild Playground</u>	
27 28 Allow for demolition, clearing and grading 27,000 SF 1,50 40,500 100%	
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	
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 classrot	om
38	
39	
40 PROJECT 1 REPLACE BUILDINGS 10,395,000	
41	
42 Project 2 New Restrooms 43	
New adult restroom for park/playfield - new free-	
44 standing restroom (m/w) facility at playfield/ 480 SF 400.00 192,000	
park for use by public	
45 Drinking station 1 EA 10,000.00 10,000 46 Walkway 500 SF 35.00 17,500	
Extend utilities (500 lf) to restroom (water	
sanitary sewer, electrical, data)	
48	
49	
50 PROJECT 2 NEW RESTROOMS 299,500	
51	
,	
51 52	V, 2-64 kW
51 52 Solar Energy 53	V, 2-64 kW
51 52	V, 2-64 kVV

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F	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
!	Project 1 New Restrooms					
	New adult restroom for park/playfield - new free-	400	05	400.00	400.000	
	standing restroom (m/w) facility at playfield/	480	SF	400.00	192,000	
	park for use by public					
	Drinking station	1	EA	10,000.00	10,000	
	Walkway	500	SF	35.00	17,500	
	Extend utilities (500 lf) to restroom (water,	500	LF	160.00	80,000	
	sanitary sewer, electrical, data)					
1						
)	PROJECT 1 NEW RESTROOMS				299,500	
1						
2	Project 2 Demo Portables					
3						
1	Demo existing portables	5,760	SF	5.00	28,800	
5						
6						
7	PROJECT 2 DEMO PORTABLES				28,800	
3						
9	Project 2 Landscaping And Play Equipment					
)						
ı	Allow for demolition, clearing and grading	21,500	SF	1.50	32,250	100%
2	Softscape	10,750	SF	18,00	193,500	50%
3	Specialized play surface	6,450	SF	25.00	161,250	30%
4	Hardscape	4,300	SF	35,00	150,500	20%
5	New play equipment	2	LOC	50,000.00	100,000	
3						
7						
В	PROJECT 2 LANDSCAPING AND PLAY EQUIPM	ENT			637,500	
9						
0	Project 3 Demo Buildings					
1						
2	Demo existing buildings H/J/K/L	18,860	SF	7.00	132,020	
3	<u> </u>					
4						
5	PROJECT 3 DEMO BUILDINGS				132,020	
3					10-10-0	
7	Project 3 Site Engineering					
, B	Froject 3 Site Engineering					
9	Site grading, site utilities	36,400	SF	5.00	182,000	
)	Site grading, site utilities	30,400	31	3.00	102,000	
1						
2	PROJECT 3 SITE ENGINEERING				182,000	
	TROOLOT JOHE ENGINEERING				102,000	
3	Decinat 2 Cita Decign/I and coming					
4	Project 3 Site Design/Landscaping					
5	Allow for done liking allowing and another	00.050	SF	4.50	05 475	
8	Allow for demolition, clearing and grading	23,650		1.50	35,475	100%
7	New asphalt	4,730	SF	5.00	23,650	20%
	Concrete	11,825	SF SF	35.00	413,875	50%
3				18.00	127,710	30%
9	Landscaping	7,095	- 01	10.00	121,710	
	Landscaping	7,095	- 01	10.00	121,710	

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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	

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CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Second Level Deck					
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
40						space on 2nd level deck.
19						
21	BUILD OPEN PAVILION DECK				144.000	
22	DOILD OF EITH AND EDIT				111,000	
22	Solar Energy					
24	Join Lifergy					
25	Install roof mounted solar arrays	98	KW	4,500.00	441.000	
26	motan roof mounted soldi dirays	- 50		1,000.00	,000	
27						
28	SOLAR ENERGY				441,000	

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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 SF	35.00 18.00	3,049,935	30%
21 22	Landscaping	116,188	SF	18.00	2,091,384	40%
23						
	PROJECT 1 SITE DESIGN/LANDSCAPING				0.040.700	
24	PROJECT 1 SITE DESIGN/LANDSCAPING				6,012,729	
25						
26	Project 1 Replace Buildings					
27	Maria de Carlos	00.000	0.5	FF0.00	40.005.000	-1
28	New building construction	32,900	SF	550.00	18,095,000	classroom building
9 80						
	PROJECT 1 REPLACE BUILDINGS				40.005.000	
31	PROJECT 1 REPLACE BUILDINGS				18,095,000	
32	Calas Engage					
33	Solar Energy					
34 35	Install roof mounted/free standing solar arrays	148	KW	4.500.00	666,000	148kW
36	install roof mounted/free standing solar arrays	140	L/AA	4,000.00	000,000	THORY
37						
38	SOLAR ENERGY				666,000	
,,,	SOLAN ENERGI				000,000	

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STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

1 2 Solar Energy 3 4 Install roof mounted/free-standing solar arrays 171 KW 4,500.00 769,500 170kW 5 6 7 SOLAD ENERGY 760,500	REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
3 4 Install roof mounted/free-standing solar arrays 171 KW 4,500.00 769,500 170kW 5 6	1						
4 Install roof mounted/free-standing solar arrays 171 KW 4,500.00 769,500 170kW 5 6	2	Solar Energy					
5 6	3						
6	4	Install roof mounted/free-standing solar arrays	171	KW	4,500.00	769,500	170kW
	5						
7 SQLAR ENERGY 769 500	6						
7 COLAR ENERGY	7	SOLAR ENERGY				769,500	



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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	

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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	

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CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

PRIC	DRITY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Project 1 New Building					
.	Allow for clearing and grading New building construction	43,400 43,400	SF SF	1.50 500.00	65,100 21,700,000	100% admin/MUR/classroom
,	Reconfigure parking/pickup/dropoff	43,400	LS	75,000.00	75,000	auninimotociassicom
7	3,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1					
3						
9	PROJECT 1 NEW BUILDING				21,840,100	
0 1	Project 1 Demo Buildings					
12	Troject i Bellio Bullanigs					
3	Demo wood framed structures	25,040	SF	7.00	175,280	
5						
6	PROJECT 1 DEMO BUILDINGS				175,280	
7	PROJECT I DEMO BOILDINGS				173,200	
8	Project 1 Site Engineering					
19	·					
1	Site grading, site utilities	189,500	SF	5.00	947,500	
22						
13	PROJECT 1 SITE ENGINEERING				947,500	
24						
25	Project 1 Site Design/Landscaping/Improvem	ents				
26	Allow for domolition, electing and are direct	163,500	SF	1.50	245,250	100%
27 28	Allow for demolition, clearing and grading Asphalt	65,400	SF	5.00	327,000	40%
29	Concrete	65,400	SF	35.00	2,289,000	40%
0	Softscape	32,700	SF	18.00	588,600	20%
31						
33	PROJECT 1 SITE DESIGN/LANDSCAPING/IM	PROVEMENTS			3,449,850	
34	THOSE OF THE DESIGNATION OF THE PROPERTY OF TH	NO VENIENTS			3,440,000	
35	Project 2 New Buildings					
36						
37 38	New building construction	33,900	SF	575.00	19,492,500	STEM classroom
39						
10	PROJECT 2 NEW BUILDINGS				19,492,500	
41						
12	Project 2 Demo Building					
13 14	Demo existing building	17,705	SF	7.00	123,935	
5	Domo existing building	17,703	01	7.00	120,000	
16						
7	PROJECT 2 DEMO BUILDING				123,935	
18						
19 50	Project 2 Site Engineering					
51	Site grading, site utilities	46,950	SF	5.00	234,750	
52		· -				
53						
4	PROJECT 2 SITE ENGINEERING				234,750	
5 6	Project 2 Site Design/Landscening/Immercian	onto				
6 7	Project 2 Site Design/Landscaping/Improvem	ents				
58	Allow for demolition, clearing and grading	26,600	SF	5.00	133,000	100%
	Concrete	15,960	SF	35.00	558,600	60%
i9		10.640	SF	18.00	191,520	40%
9 0	Softscape	10,010				
9	Sottscape	10,010				

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PRITTENDEN EL EMENTARY SCHOOL ESTIMATE DETAIL

F PRIC	DRITY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
5	Project 3 New Buildings					
36						
7	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/Improvem	<u>ients</u>				
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/IM	PROVEMENTS			1,251,230	
95						
96	Solar Energy					
97						
98	Install roof mounted/free standing	381	KW	4,500.00	1,714,500	169kW
99	<u>*</u>					
00						
01	SOLAR ENERGY				1,714,500	

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GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

19 20 21 PROJECT 1A NEW BUILDINGS 14,245,000	T/preschool
3 2 2 2 2 2 2 2 2 2	T/preschool
PROJECT 1A DEMO MOT & PORTABLES 40,320	T/preschool
PROJECT 1A DEMO MOT & PORTABLES 40,320	T/preschool
7	T/preschool
8 9	T/preschool
9	T/preschool
11 Site grading, site utilities 82,800 SF 5.00 414,000	T/preschool
12	T/preschool
13	T/preschool
15	T/preschool
16	T/preschool
17 18	T/preschool
18	T/preschool
19 20 21 PROJECT 1A NEW BUILDINGS 14,245,000	
21 PROJECT 1A NEW BUILDINGS 14,245,000 22 Project 1A Site Design/Landscaping/Improvements 24	
22 23 Project 1A Site Design/Landscaping/Improvements 24	
23 <u>Project 1A Site Design/Landscaping/Improvements</u> 24	
24	
25 Allow for demolition, clearing and grading 67,300 SF 1.50 100,950 1009	
26 Asphalt 13,460 SF 5,00 67,300 20% 27 Concrete 26,920 SF 35,00 942,200 40%	
27 Concrete 26,920 SF 35.00 942,200 40% 28 Softscape 26,920 SF 18.00 484,560 40%	
29	
30	
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	
Site grading, site utilities, site amenities/student 24,800 SF 10.00 248,000 use areas	
43	
44	
45 PROJECT 1B SITE ENGINEERING 248,000	
46 47 Project 1B New Buildings	
47 Project 1B New Buildings 48	
49 New building construction 11,100 SF 550.00 6,105,000 class	srooms
50 51	
52 PROJECT 1B NEW BUILDINGS 6,105,000 53	
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	

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GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF PRIO	RITY 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						
	DDO IECT 2 DEMO DINI DINIC				156,772	
36	PROJECT 2 DEMO BUILDING				156,772	
37	Designat 2 City Empirements					
58 59	Project 2 Site Engineering					
70	Site grading, site utilities	140,000	SF	5.00	700,000	
71	g g,	,			,	
72						
73	PROJECT 2 SITE ENGINEERING				700,000	
74						
75	Project 2 Site Frontage Improvements					
76						
7	Expand pickup/dropoff/parking	55,000	SF	23.00	1,265,000	100%
78						
79						
30	PROJECT 2 SITE FRONTAGE IMPROVEMENTS				1,265,000	
31						
82	Project 2 Site Design/Landscaping/Improvemen	<u>its</u>				
83 84	Landscaped courtyards	48,000	SF	18.00	864,000	100%
85	Landscaped countyards	40,000	OF.	10.00	004,000	100 /0
36						
87	PROJECT 2 SITE DESIGN/LANDSCAPING/IMPR	OVEMENTS			864,000	
88					00 1,000	
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 00						
	PROJECT 2 NEW MUR/KITCHEN/SNACK				7.540.000	
01	SHACK				7,540,000	
102	D. J. 40 N. Olympia D. H.F.					
103 104	Project 2 New Classroom Building					
05	New building construction	13,900	SF	550.00	7,645,000	
106	1404 Sullaing constitution	15,500	01	330.00	7,043,000	
107						
08	PROJECT 2 NEW CLASSROOM BUILDING				7,645,000	
09	- Jie				.,,	
110	Solar Energy					
11						
12	Install roof mounted/free standing solar arrays	347	KW	4,500.00	1,561,500	350kW
13						
14						

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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	

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COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
3	Demo Buildings					
4	Demo existing	9.042	SF	7.00	63,294	
5	Demo existing	5,042	OI.	7.00	00,204	
6						
7	DEMO BUILDINGS				63,294	
8						
9	Site Improvements					
10	Allow for domalition, clearing and grading	124 000	SF	1.50	202.250	100%
11	Allow for demolition, clearing and grading Asphalt	134,900 121,410	SF	5.00	202,350 607,050	100%
13	Softscape	13,490	SF	18.00	242,820	
14						
15						
16	SITE IMPROVEMENTS				1,052,220	
17						
18	New Shop					
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						
23	NEW SHOP				3,015,000	
24	NEW SHOT				3,013,000	
25	New Warehouse					
26						
27	New warehouse	10,300	SF	100.00	1,030,000	High-bay warehouse, forklitf/light truck accessible, storage racks and oversized items. 25' tall. Steel frame structure.
28 29						
30	NEW WAREHOUSE				1,030,000	
31	NEW WAREHOUSE				1,030,000	
32	New Admin/Office Building					
33	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						au would V.
36						
37	NEW ADMIN/OFFICE BUILDING				990,000	
38						
39	New Covered Laydown Facility					
40						Open-sided covered structure for
41	New covered laydown facility	5,000	SF	175.00	875,000	material and equipment laydown.
42						
43	NEW COVERED LAVEOUR EAST.				075 005	
44	NEW COVERED LAYDOWN FACILITY				875,000	
45 46	Vehicle Laydown					
46	venicle Laydown					
48	Vehicle laydown					See Site improvements
49	·					
50						
51	VEHICLE LAYDOWN					
52						

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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	