



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.

Page 1 of 43



Masterplan Budget Plan September 30, 2019

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

- 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	
	7.1.2.10	
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	

Page 2 of 43 Page 3 of 43



Masterplan Budget Plan September 30, 2019

EXECUTIVE SUMMARY

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

Page 4 of 43

Mountain View Whisham School District Student Pacifities Improvement Plan Update Moustain View, California					thd consult	onts						Mar	sterpten Budget Plan September 30, 2019
MANUSE CONSTRUCTION COST SUMMARY													
PRIORITHPROJECT	TOTAL	8088	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	THEUERKAUF	VARGAS	CRETTENDEN	GRAHAM	LATHAM
1 REPLACEHVAC	8,079,904	719,360	683,616	683,616	798,582		860,256		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 1 PICKUP/DROPOFF, PARKING	396,000	109,250 793,000		90,750		57,000	138,000						
1 PICKUP/DROPOFF, PARKING 1 COLLABORATIVE INSTRUCTIONAL SPACES	3,032,820 4,488,232	793,000 2,349,320		1,200,400 2,118,912					1,039,420				
1 SHADE STRUCTURE	4.039.500	2,040,020	582 500	582,500	582,500		962,500	562,500	562,500			582,500	102.000
1 LIGHTING	236,250			236,250									
1 PLAYGROUND K	613,760			133,700			130,600		349,460				
1 NEW ASHPALT OVERLAY	320,650			320,660									
1 ADMINISTENDED CARE EXPANSION 1 MODERNIZE ADMIN BUILDING	4,081,000			1,485,000	1.122.000	1,485,000	827,000			484,000			
1 MODERNIZE ADMIN BUILDING 1 STORAGE	715,000				1,122,000	357,500				357.500			
1 COLLABORATIVE SPACES AT LIBRARY	1,518,615					531,555	1,518,615			501,550			
1 PLAYGROUND MODERNIZATION	2,818,000						2,818,000						
1 UTILITY SURVEY	43,000						43,000						
1 PLUMBING REPAIRS	1,075,000						1,075,000						
1 OUTDOOR LANDSCAPED AREAS	2,511,450							2,187,750					323,700
1 LANDSCAPE - COURTYARDS 1 UTILITY SURVEY	2,525,213 48,000								722,138 49,000			1,903,076	
1 PLUMBING REPAIRS	1,200,000								1,200,000				
1 LOCKER ROOM MODERN CATION/REPLACEMENT	2,345,500										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 1 DRINKING FOUNTAINS	15,000										15,000		
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
SUBTOTAL PRIDRITY 1	50,771,049	4.098,930	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	269.500										
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 2 MUR MODERNIZATION	391,200 369,072		76,200	369,072			69,000		248,000				
2 OUTDOOR LANDSCAPED SPACES	2,621,225		1,331,960	1,189,275									
2 PEDESTRIAN TRAIL	61,750		1,001,000	61,750									
2 DRINKING FOUNTAINS	20,000				20,000								
2 STAFF PARKING	272,650					74,150	198,500						
2 UBRARY MODERNIZATION/EXPANSION	1,996,725					429,000			1,567,726				
2 COLLABORATIVE INSTRUCTIONAL SPACES	313,688						313,688						
2 STORAGE EXPANSION 2 CLASSROOM MODERNIZATION	495,000 8,791,275							495,000	3.922.400		4.050.075		
2 BULDING STRUCTURAL UPGRADE	65.000								65,000		4,890,875		
2 ELECTRICAL UPGRADE	240.000										240.000		
2 PLUMBING REPAIRS	2,145,000										960,000	1,185,000	
2 SHADE STRUCTURE	1,125,000									662,600	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 2 GYM MODERNIZATION	478,750 7,300,000										476,750	7,300,000	
2 LOCKER ROOM MODERNIZATION	7,300,000											see gym modernization	
SUBTOTAL PRIORITY 2	37.438.627	2.228.000	2.072.425	1.718.472	2.261,710	503,150	1.712.528	520,000	5.864.670	562,500	10.027.502	9.154.570	13.000
3 ROOF REPAIR	1.341.242	214.669	205.723	202,608	4,447,014		1,110,000	324,033	238.306	***************************************	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 UTILITY NETWORK REPAIRS	4,003,500	733,600	831,000	590,000	424,000		161,250		480,000		320,000	483,750	
3 RESTROOM MODERNIZATION/EXPANSION	794,170	103,100	103,400	107,725	103,300		124,220					252,425	
3 PLAYGROUND K	315,450	167,800	147,650										
3 PLAYGROUND 1-5	602,600	211,200	260,800						130,600				
3 ADMINIEXTENDED CARE EXPANSION 3 DRINKING FOUNTAIN	2,970,000 20,000	1,485,000	1,485,000	20.000									
3 FENCES AND GATES ORNAMENTAL	320,400			20,000	153.000	51,900						115.500	
3 COLLABORATIVE INSTRUCTIONAL SPACES	1,881,960				1,881,980								
3 COVERED WALKWAY	626,000					626,000							
3 SHADE STRUCTURE	562,500					582,500							
3 CLASSROOM STORAGE EXPANSION	21,600						21,600						
3 SPED SENSORY SPACE	300,000						300,000						
3 MUR MODERNICATIONIA-V UPGRADE	78,500							78,500					

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MVWSD CONSTRUCTION COST SUMMARY														
PRIGRITY/PROJECT 3 LANDSCAPE: CAMPUS FRONTAGE 3 SISNAGE: CAMPUS FRONTAGE 3 PICKUPDOROPOFF, PARKING 3 CLASSROOM MODERNIZATION		999,600 85,000 898,600	8088	HUFF	LANDELS	MISTRAL	CASTRO	MONTA LOMA	STEVENSON	999,600	VARGAS	CRITTENDEN	85,000 898,900 not required	LATHAM
SUBTOTAL PRIORITY 3		28,856,122	4,290,269	4,353,573	2,198,333	3,682,260	1,240,400	2,107,070	78,500	3,361,506		2,974,365	4,587,846	
4 PEDESTRIAN TRAIL 4 GOVERED WALKWAY 5 PICKUPIOROPOFF, PARKING NEW ASHPALT OVERLAY 6 RESTROOM MODERNIZATION		52,250 2,442,500 470,000 214,700 237,000	52,250 420,000	630,000 470,000	483,000	332,500		133,000		214,700 237,000			444,000	
4 PLAYFIELD RAIL UPGRADE 4 AUDITORIUM SYSTEMS UPGRADE 4 PLAYGROUND - RELOCATE RIKE ENGLOSURE		25,000 200,000 30,000										25,000 200,000	30,000	
SUBTOTAL PRIORITY4		3,671,450	472,250	1,100,000	483.000	332,500		133,000		451,700		225,000	474.010	
TBD SOLAR PANELS TBD ELECTRICAL UPGRADE TBD STRUCTURAL UPGRADE		TBD 624,000 348,790				,				624,000		348,790		
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 JOBSITE MANAGEMENT PHASING	5,0% 10,0%	6,096,000 12,172,000	552,972 1,105,945	438,606 877,211	564,979 1,129,968	447,478 894,956	182,153 364,306	596,329 1,172,668	170,013 340,026	760,142 1,620,285	70,200 140,400	1,283,491 2,666,962	996,625 1,993,251	33,012 66,023
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 FEE	2,5% 5,0%	3,499,450 6,998,900	317,969 635,918	252,198 504,397	324,963 649,726	267,300 514,900	104,738 209,475	337,139 674,278	97,757 195,514	437,082 874,164	40,365 80,730	738,007 1,476,015	573,060 1,145,119	18,982 37,963
ESTIMATE SUB-TOTAL		150,476,347	13,672,244	10,844,526	13,969,109	11,063,896	4,503,721	14,498,483	4,263,559	18,794,523	1,735,695	31,734,320	24,641,562	816,209
DESIGN CONTINGENCY CONSTRUCTION CONTINGENCY SOFT COSTS	15.0% 10.0% 30.0%	22,671,462 15,047,635 45,142,904	2,060,837 1,367,224 4,101,673	1,626,679 1,084,453 3,253,358	2,095,366 1,398,911 4,190,733	1,659,584 1,108,390 3,319,169	675,558 450,372 1,351,116	2,174,547 1,449,698 4,349,095	630,534 420,356 1,261,068	2,819,178 1,879,452 5,638,357	260,354 173,570 520,709	4,790,148 3,173,432 9,520,296	3,698,234 2,464,156 7,392,469	122,431 81,621 244,963
ESTIMATE SUB-TOTAL		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
ESCALATION	93 GN	70 007 171	7 107 669	E 695 719	7 923 301	E 900 244	2 261 074	7 600 029	2 202 714	9.953.033	919 927	16 616 706	12 919 210	427.007

Page 6 of 43

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



Masterplan Budget Plan September 30, 2019

BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 36,955

	RIORITY	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
2		Replace HVAC					
3		Neplace IIVAO					
		New HVAC allowance serving Bldg 1, 3, 4 and					
4		5, assume new rooftop units, replace ductwork	22,480	SF	32.00	740.000	
4		and diffusers as necessary, disconnect	22,400	Sr.	32.00	719,360	
		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							
20		Demo existing	1	LS	6,000.00	6,000	
21		Chain link fence	1,150	LF	75.00	86,250	
22		Gates	2	EA	3,500.00	7,000	pedestrian
23		Gates	1	EA	10,000.00	10,000	vehicular
24 25							
	1	FENCES AND GATES - CHAIN LINK				109,250	
26	1	FENCES AND GATES - CHAIN LINK				109,250	
27							
28 29		Pickup/Dropoff, Parking					
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					
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 37		Irrigation Lighting	10,500 35,000	SF SF	3.00 3.00	31,500 105.000	
38		Lighting	35,000	or_	3.00	105,000	
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	as required at disturbed areas alon
47		Cut & patch interiors at renovated walls	120	LF	120.00	14,400	wall, excludes new classroom
		<u> </u>					finishes
48		MEP reconfiguration allowance	22,480	SF	4.00	89,920	
49		New construction/expansion for breakout spaces	4,000	SF	500.00	2,000,000	
50		spaces					
51							
52	1	COLLABORATIVE INSTRUCTIONAL SPACES				2,349,320	89 \$/SF
		COLLABORATIVE INSTRUCTIONAL SPACES				2,040,020	00 4/5
53 54		Lighting					
55		Lighting					
		Install site lighting in parking and playground					
56		areas	156,000	SF	1.50	234,000	for safety/security
57		Remove existing	156,000	SF	0.25	39,000	
58							

Page 7 of 43



Masterplan Budget Plan September 30, 2019

BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 36,955

REF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
60	2	LIGHTING				273,000	2 \$/SF
61							
32		New Ashpalt Overlay					
3							
34		Demolish existing	63,500	SF	1.00	63,500	
35		Asphalt overlay of existing playground	63,500	SF	4.50	285,750	
66		(pedestrian use)					
67							
58	2	NEW ASHPALT OVERLAY				349,250	6 \$/SF
39							
70		Utility Survey					
71							
		Condition Survey of underground utility lines	044500		0.00	40.000	
72		(gas, domestic water, sanitary sewer,	244,500	SF	0.20	48,900	
73		bldg/stormwater drain, electrical, data)					
74							
75	2	UTILITY SURVEY				48,900	0 \$/SF
76	_					,	
77		Technology Upgrade					
78							
		Replace fiber optic and copper cable networks					
79		from MDF bldg 2 to Bldgs. 1,3, 4,5,6, MUR, P1,	2,220	LF	25.00	55,500	
		reuse existing raceways as necessary, replace	2,220	-	20.00	00,000	
		if needed					
80							
81		TERMINICIONALIDADADE				FF 500	
82 83	2	TECHNOLOGY UPGRADE				55,500	
84		Outdoor Learning Classroom					
85		Oddoor Ecurring Olassroom					
86		Demolition	35,100	SF	1.00	35,100	
87		Rough and fine grading, allow	35,100	SF	0.50	17,550	
88		New hardscape	17,550	SF	35.00	614,250	50%
89		New softscape	17,550	SF	15.00	263,250	50%
90		Drainage	35,100	SF	2.50	87,750	
91		Irrigation	17,550	SF	3.00	52,650	
92		Allow for site furnishings - benches, seatwalls, tables etc)	35,100	SF	5.00	175,500	
93		Shade feature, allow	1	LS	150,000.00	150,000	allowance
94		Electric/data connections	35,100	SF	1.00	35,100	
95		Lighting	35,100	SF	2.00	70,200	
96							
97							
98	2	OUTDOOR LEARNING CLASSROOM				1,501,350	43 \$/SF
99							
100		Roof Repair					
101							
		Repair damaged membrane, pipe	20.007	65	7.00	044.000	Maria de la compansión de
102		flashings/storm collars, gutters/drain assemblies - allow	30,667	SF	7.00	214,669	Not a roof replacement
103		- allow					
104							
05	3	ROOF REPAIR				214,669	7 \$/SF
06							
07		WINDOW REPLACEMENT					
08							
09		Replace existing glass windows with thermal	1	LS	1,375,000.00	1,375,000	remove and replace - allowance
		insulating glass	1	LO	1,373,000.00	1,3/5,000	remove and replace - allowance
10							
11							
12	3	WINDOW REPLACEMENT				1,375,000	

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



Masterplan Budget Plan September 30, 2019

EF P	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
13						_	
14		Utility Network Repairs					
15							
		Assume repair/replacement of 75% sanitary	044505			700 500	
16		sewer lines, 50% of stormwater drain lines, 25%	244,500	SF	3.00	733,500	
17		of domestic water lines, 25% gas lines.					
118							
19	3	LITH ITV NETWORK BERAIDS				700 500	3 \$/SF
	3	UTILITY NETWORK REPAIRS				733,500	3 \$/SF
120		Destar and Mademiliantian					
121		Restroom Modernization					
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	1,020	- 01	30.00	40,000	No work required
126		Misc. MEP rework/reconfiguration					No work required
27							
28							
29	3	RESTROOM MODERNIZATION				103,100	68 \$/SF
30							
131		Playground K					
132							
133		Demolish existing	3,800	SF	1.00	3,800	
134		Rough and fine grading, allow	3,800	SF	0.50	1,900	
135		Tot turf	3,800	SF	18.00	68,400	
136		Drainage	3,800	SF	2.50	9,500	
137		Irrigation	3,800	SF	3.00	11,400	
138		Lighting	3,800	SF	3.00	11,400	
139		Play equipment allowance	11	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		Describe autotion	5.000	05	4.00	5 000	
147		Demolish existing Rough and fine grading, allow	5,200 5,200	SF SF	1.00 0.50	5,200 2,600	
149		Tot turf	5,200	SF	18.00	93,600	
50		Drainage	5,200	SF	2.50	13,000	
151		Irrigation	5,200	SF	3.00	15,600	
152		Lighting	5,200	SF	3.00	15,600	
53		Play equipment allowance	1	LS	50,000.00	50,000	
153		Miscellaneous site benches, furnishings etc	5,200	SF	3.00	15,600	
154							
156							
57	3	PLAYGROUND 1-5				211,200	41 \$/SF
158							
159		Admin/Extended Care Expansion					
160							
161		New building allowance	2,700	SF	550.00	1,485,000	
162							
163							
164	3	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
165							
166		Pedestrian Trail					
167							
68		Demolish existing	5,500	SF	1.00	5,500	
69		Rough and fine grading, allow	5,500	SF	0.50	2,750	
170 171		Decomposed granite trail	5,500	SF	8.00	44,000	

52,250

10 \$/SF

172 173

4 PEDESTRIAN TRAIL



Masterplan Budget Plan September 30, 2019

GSF: 36,955

BUBB ELEMENTARY SCHOOL - ESTIMATE DETAIL

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

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



Masterplan Budget Plan September 30, 2019

HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1		D 1 1000					
3		Replace HVAC					
		New HVAC allowance serving Bldg 2, 3, 4 and					
4		5, assume new rooftop units, replace ductwork	21,363	SF	32.00	683,616	
-		and diffusers as necessary, disconnect	21,000	OI	32.00	000,010	
		reconnect services and electrical					
5							
7	1	REPLACE HVAC				683,616	32 \$/SF
8	•	NEI EAGE IIVAG				000,010	02 \$101
9		Shade Structure					
10							
11		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
		with a solid roof	1,000			002,000	
12 13							
14	1	SHADE STRUCTURE				562,500	125 \$/SF
15		STADE STRUCTURE				302,300	120 9/35
16		Fences & Gates - Ornamental					
17							
18		Demo existing	1	LS	200.00	200	
19		Ornamental fence	330	LF	200.00	66,000	8'ht
20		Gates	2	EA	5,000.00	10,000	pedestrian
21							
23	2	FENCES & GATES - ORNAMENTAL				76,200	
		PENCES & GATES - ORNAMENTAL				70,200	
24 25		Lighting					
26		Lighting					
		Low level perimeter area (safety) lighting around					
27		parking, walkways, playground, driveways	154,000	SF	1.50	231,000	for safety/security
28		Remove existing	154,000	SF	0.25	38,500	
29							
30							
31	2	LIGHTING				269,500	2 \$/SF
32							
33		New Ashpalt Overlay					
34		Asphalt overlay of existing playground					
35		(pedestrian use)	54,000	SF	4.50	243,000	
36		Demolish existing	54,000	SF	1.00	54,000	
37							
38	2	NEW ASHPALT OVERLAY				297,000	6 \$/SF
39							
40		Utility Survey					
41		Condition Survey of underground utility lines					
42		(gas, domestic water, sanitary sewer,	277,000	SF	0.20	55.400	
		bldg/stormwater drain, electrical, data)	,			,	
43							
44							
45	2	UTILITY SURVEY				55,400	
46		Taskaslamillamada					
47 48		Technology Upgrade					
.5		Replace fiber optic and copper cable networks					
		from MDF bldg 1 to Bldgs 2,3, 4,5,6, reuse	1,695	LF	25.00	42,375	
40		existing raceways as necessary, replace if	1,090	ᄕ	25.00	42,373	
49							
		needed					
49 50 51							

Page 10 of 43 Page 11 of 43

Outdoor Landscaped Spaces



Masterplan Budget Plan September 30, 2019

HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,677

		ITARY SCHOOL - ESTIMATE DETAIL				GSF:	
	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
55							
56		Demolition	30,700	SF	1.00	30,700	
57		Rough and fine grading, allow	30,700	SF	0.50	15,350	50%
58		New hardscape	15,350	SF	35.00	537,250	
59		New softscape	15,350	SF	15.00	230,250	50%
60		Drainage	30,700	SF	2.50	76,750	
61		Irrigation	15,350	SF	3.00	46,050	
62		Allow for site furnishings - benches, seatwalls,	30.700	SF	5.00	153,500	
		tables etc)			450 000 00		
63		Shade feature, allow	1	LS	150,000.00	150,000	allowance
64		Electric/data connections	30,700	SF	1.00	30,700	
65		Lighting	30,700	SF	2.00	61,400	
66							
67	-						
68	2	OUTDOOR LANDSCAPED SPACES				1,331,950	43 \$/SF
69							
70		Roof Repair					
71							
72		Repair damaged membrane, pipe	29,389	SF	7.00	205,723	Not a roof replacement
		flashings/storm collars, gutters/drain assemblies	20,000	- 31	7.00	200,720	not a root replacement
73							
74							
75	3	ROOF REPAIR				205,723	7 \$/SF
76						,	
77		WINDOW REPLACEMENT					
78		THIS OF ALT LAGENIENT					
		Replace existing glass windows with thermal					
79		insulating glass	1	LS	1,320,000.00	1,320,000	remove and replace - allowance
80		insulating glass					
81							
		WINDOW DEDI LAFIELE					
82	3	WINDOW REPLACEMENT				1,320,000	
83							
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	
86			277,000	SF	3.00	831,000	
86		sewer lines, 50% of stormwater drain lines, 25%	277,000	SF	3.00	831,000	
86		sewer lines, 50% of stormwater drain lines, 25%	277,000	SF	3.00	831,000	
86	3	sewer lines, 50% of stormwater drain lines, 25%	277,000	SF	3.00	831,000 831,000	3 \$/SF
86 87 88 89	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines	277,000	SF	3.00		3 \$/SF
86 87 88 89 90	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS	277,000	SF	3.00		3 \$/SF
86 87 88 89 90	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines	277,000	SF	3.00		3.\$/SF
86 87 88 89 90 91 92	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization				831,000	3 \$/SF
86 87 88 89 90	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes	2,300	SF	25.00	831,000 57,500	3 S/SF
86 87 88 89 90 91 92 93	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes				831,000	·
86 87 88 89 90 91 92 93 94 95	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls titles and partitions	2,300	SF	25.00	831,000 57,500	No work required
86 87 88 89 90 91 92 93 94 95 96	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes	2,300	SF	25.00	831,000 57,500	·
86 87 88 89 90 91 92 93 94 95	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls titles and partitions	2,300	SF	25.00	831,000 57,500	No work required
86 87 88 89 90 91 92 93 94 95 96 97 98		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration	2,300	SF	25.00	831,000 57,500 45,900	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98	3	sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls titles and partitions	2,300	SF	25.00	831,000 57,500	No work required
86 87 86 89 90 91 92 93 94 95 96 97 98 99		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION	2,300	SF	25.00	831,000 57,500 45,900	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace ceiling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration	2,300	SF	25.00	831,000 57,500 45,900	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace celling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K	2,300 1,530	SF SF	25.00 30.00	831,000 57,500 45,900 103,400	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS 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	2,300 1,530	SF SF	25.00 30.00	831,000 57,500 45,900 103,400	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Remove and replace celling finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow	2,300 1,530 3,150 3,150	SF SF SF SF	25.00 30.00 1.00 0.50	57,500 45,900 103,400 3,150 1,575	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS 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	2,300 1,530 3,150 3,150 3,150	SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00	57,500 45,900 103,400 3,150 1,575 56,700	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall finishes Fixtures, walls tiles and partitions Misc. MEP rework/reconfiguration RESTROOM MODERNIZATION Playground K Demolish existing Rough and fine grading, allow Tot turf Drainage	2,300 1,530 3,150 3,150 3,150 3,150	SF SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00 2.50	\$7,500 45,900 103,400 3,150 1,575 66,700 7,875	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 100 100 100 100 100 100		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS 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	2,300 1,530 1,530 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF	25.00 30.00 1.00 0.80 18.00 2.80 3.00	831,000 57,500 45,900 103,400 3,150 1,575 56,700 7,875 9,450	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 107 108		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS 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	2,300 1,530 1,530 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	25.00 30.00 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
86 87 88 89 90 91 92 93 94 95 96 97 100 101 102 105 106 107 108 109		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall 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	2,300 1,530 3,150 3,150 3,150 3,150 3,150 3,150 1	SF SF SF SF SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 100 100 100 100 100 100 100 100 100 10		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS 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	2,300 1,530 1,530 3,150 3,150 3,150 3,150 3,150 3,150	SF SF SF SF SF SF SF	25.00 30.00 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
86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 1109		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall 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	2,300 1,530 3,150 3,150 3,150 3,150 3,150 3,150 1	SF SF SF SF SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
86 87 88 89 90 91 92 93 94 95 97 98 99 100 101 102 103 104 105 107 108 109 110 109 1110		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall 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	2,300 1,530 3,150 3,150 3,150 3,150 3,150 3,150 1	SF SF SF SF SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 1,575 56,700 7,875 9,450 9,450 50,000	No work required No work required
86 87 88 89 90 91 92 93 94 95 96 97 98 100 100 100 100 100 100 100 100 100 10		sewer lines, 50% of stormwater drain lines, 25% of domestic water lines, 25% gas lines UTILITY NETWORK REPAIRS Restroom Modernization Remove and replace wall 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	2,300 1,530 3,150 3,150 3,150 3,150 3,150 3,150 1	SF SF SF SF SF SF SF SF SF	25.00 30.00 1.00 0.50 18.00 2.50 3.00 3.00 50,000.00	57,500 45,900 103,400 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

E D	DIODITY	/ DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
6	KIUKII	DESCRIPTION	QUANTITY	UOW	UNITRATE	TOTAL	COMMENTS
17		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	
20		Drainage	6.800	SF	2.50	17.000	
21		Irrigation	6,800	SF	3.00	20,400	
22		Lighting	6.800	SF	3.00	20,400	
23		Play equipment allowance	1	LS	50,000.00	50,000	
23		Miscellaneous site benches, furnishings etc	6.800	SF	3.00	20,400	
24		missonariosas site periorios, rarmeringo etc	0,000		0.00	20,100	
26							
27	3	PLAYGROUND 1-5				260,800	38 \$/SF
28							
29		Admin/Extended Care Expansion					
30							
31		New building allowance	2,700	SF	550.00	1,485,000	
32							
33							
34	3	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
35							
36		Pickup/Dropoff, Parking					
37		 _					
38		Demolition of existing	18,800	SF	1.00	18,800	
39		Rough and fine grading, allow	18,800	SF	0.50	9,400	
40		Reconfigure, restripe and improve landscaping	18,800	SF	15.00	282,000	
41		and pathways	40.000	SF	2.50	47,000	
		Drainage	18,800 18,800	SF	3.00	56,400	
42 43		Irrigation Lighting	18,800	SF	3.00	56,400	
44		Lighting	10,000	or	3.00	30,400	
45							
46	4	PICKUP/DROPOFF, PARKING				470,000	25 \$/SF
47						,,,,,,	
48		Covered Walkway					
49							
50		Repair/reroof 50% of covered area as needed	18,000	SF	35.00	630,000	no work to walkway required
51			.0,000	٥.	00.00	000,000	
52							
53	4	COVERED WALKWAY				630,000	35 \$/SF
54		·					
55		Solar Panels					Under District Study - exclude
56							
57							
	TBD	SOLAR PANELS					

Page 12 of 43



Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

		MENTARY SCHOOL - ESTIMATE DETAIL				GSF	
REF P	RIORITY	/ 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	
		reconnect services and electrical					
5							
6							
7	1	REPLACE HVAC				683,616	32 \$/SF
8							
9		Fences And Gates - Ornamental					
10							
11		Demo existing	1	LS	2,000.00	2,000	
12		Ornamental fence	220	LF	200.00	44,000	8"ht
13		Gates	2	EA	5,000.00	10,000	pedestrian
14		Gates	11	EA	20,000.00	20,000	vehicular
15							
16							
17	1	FENCES AND GATES - ORNAMENTAL				76,000	
18 19		Fences And Gates - Chain Link					
20		rences And Gates - Chain Link					
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	ų.	LA	10,000.00	10,000	remedia
26							
27	1	FENCES AND GATES - CHAIN LINK				90,750	
28	_ '	FENCES AND GATES - CHAIN LINK				90,750	
28 29		Pickup/Dropoff, Parking					
30		Fickup/Dropoii, Farking					
31		Demolition of existing	47,000	SF	1.00	47,000	
32		Rough and fine grading, allow	47,000	SF	0.50	23,500	
33		New hardscape - assume concrete	42,300	SF	16.00	676.800	90%
34		Allow for curbs, striping, signage	1	LS	110.000.00	110,000	
35		Softscape - allow for minimal trees/shrubs	4,700	SF	15.00	70,500	10%
36		Drainage	47,000	SF	2.50	117,500	
37		Irrigation	4,700	SF	3.00	14,100	
38		Lighting	47,000	SF	3.00	141,000	
39			,			,	
40							
11	1	PICKUP/DROPOFF, PARKING				1,200,400	26 \$/SF
42							
43		Collaborative Instructional Spaces					
44		Remove partitions to accommodate for					
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 along
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		Lighting					
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

EF P	RIORI <u>T</u>	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
30							
31	1	LIGHTING				236,250	2 \$/SF
32 33		Playground K					
i4		riayground ix					
5		Demolish existing	2,700	SF	1.00	2,700	
66		Rough and fine grading, allow	2,700	SF	0.50	1,350	
37		Tot turf	2,700	SF	18.00	48,600	
88		Drainage	2,700	SF	2.50	6,750	
39		Irrigation	2,700	SF	3.00	8,100	
70 71		Lighting	2,700	SF	3.00	8,100	
1 2		Play equipment allowance	1 2,700	LS SF	50,000.00 3.00	50,000 8,100	
3		Miscellaneous benches, furnishings etc	2,700	or_	3.00	0,100	
4							
5	1	PLAYGROUND K				133,700	50 \$/SF
6						122,122	
7		New Ashpalt Overlay					
8							
'9		Demolish existing	58,300	SF	1.00	58,300	
30		Asphalt overlay of existing playground	58,300	SF	4.50	262,350	
31		(pedestrian use)				*	
2							
13	1	NEW ASHPALT OVERLAY				320,650	6 \$/SF
34							
35		Admin/Extended Care Expansion					
36							
37		New building allowance	2,700	SF	550.00	1,485,000	
38							
39 30	1	ADMIN/EXTENDED CARE EXPANSION				1,485,000	550 \$/SF
1		ADMINISTRACION OF THE PART OF				1,400,000	000 4/3F
92		Shade Structure					
93							
94		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
		with a solid roof	4,000		120.00	002,000	no to paring accelling
95 96							
7	1	SHADE STRUCTURE				562,500	125 \$/SF
98						200,000	
19		Utility Survey					
00							
		Condition Survey of underground utility lines					
01		(gas, domestic water, sanitary sewer,	280,000	SF	0.20	56,000	
		bldg/stormwater drain, electrical, data)					
02							
04	2	UTILITY SURVEY				56,000	
05		J.L. TOOKYET				55,000	
06		Technology Upgrade					
07							
		Replace fiber optic and copper cable networks					
08		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	1,080	LF	20.00	42,310	
		if needed					
09							
10	2	TECHNOLOGY LIBORADE				42 275	
11	2	TECHNOLOGY UPGRADE				42,375	
12		IIID U-did					
13		MUR Modernization					
1.4							
		Allow for miscellaneous demolitions including					
114		Allow for miscellaneous demolitions, including hazmat allowance	6,288	SF	9.00	56,592	assume minimal required

Structural work allowance

New operable walls

6,288

130

SF LF 5.00

1,800.00

31,440

234,000

assume minimal required

116 117



Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

ANDE	LS ELE	MENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 35,232
REF P	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
118		Cut & patch interiors at renovated walls	130	LF	120.00	15,600	as required at disturbed areas ale wall, excludes new classroom
19		MEP allowance	6,288	SF	5.00	31,440	finishes
20		mer anovarioe	0,200	01	0.00	01,440	
21							
22	2	MUR MODERNIZATION				369,072	59 \$/SF
23		Outdoor Landscaped Spaces					
24 25		Outdoor Landscaped Spaces					
26		Demolition	27,900	SF	1.00	27,900	
127		Rough and fine grading, allow	27,900	SF	0.50	13,950	
128		New hardscape	13,950	SF	35.00	488,250	50%
129		New softscape	13,950	SF	15.00	209,250	50%
130		Drainage	13,950	SF	2.50	34,875	
131		Irrigation Allow for site furnishings - benches, seatwalls,	13,950	SF	3.00	41,850	
132		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	
135		Lighting	27,900	SF	2.00	55,800	
36							
37							
138	2	OUTDOOR LANDSCAPED SPACES				1,189,275	43 \$/SF
139							
140		Pedestrian Trail					
141 142		Daniella district	6,500	SF	1.00	6.500	
142		Demolish existing Rough and fine grading, allow	6,500	SF	0.50	3,250	
144		Decomposed granite trail	6,500	SF	8.00	52,000	
145		Decomposed granite train	0,000	OI	0.00	32,000	
146							
147	2	PEDESTRIAN TRAIL				61,750	10 \$/SF
148							
149		Drinking Fountain					
150							
151		Replace older drinking fountains with drinking	4	EA	5,000.00	20,000	
152		stations					
153							
154	3	DRINKING FOUNTAIN				20,000	
	<u> </u>	DRIVANG I GONTAIN				20,000	
155 156		Roof Repair					
157		коог керап					
		Repair damaged membrane, pipe					
158		flashings/storm collars, gutters/drain assemblies	28,944	SF	7.00	202,608	Not a roof replacement
		- allow					
159							
160							
161	3	ROOF REPAIR				202,608	7 \$/SF
162							
163		WINDOW REPLACEMENT					
164		Design with the state of the st					
165		Replace existing glass windows with thermal insulating glass	1	LS	1,300,000.00	1,300,000	remove and replace - allowance
166		mourating glass					
167							
168	3	WINDOW REPLACEMENT				1,300,000	
169							
70		Utility Network Repairs					
171		<u> </u>					
		Assume repair/replacement of 75% sanitary					
172		sewer lines, 50% of stormwater drain lines, 25%	280,000	SF	2.00	560,000	
		of domestic water lines, 25% gas lines.					
73							
74							

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



Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232

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

Page 16 of 43 Page 17 of 43

TBD SOLAR PANELS

196



Masterplan Budget Plan September 30, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 35,232 REF PRIORITY DESCRIPTION 176 177 Restroom Modernization 178 Remove and replace wall finishes 2,365 SF 25.00 59,125 179 Remove and replace ceiling finishes
Fixtures, walls tiles and partitions
Misc. MEP rework/reconfiguration 180 1,620 SF 30.00 48,600 181 No work required No work required 182 183 185 RESTROOM MODERNIZATION 107,725 66 \$/SF 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 COVERED WALKWAY 483,000 Under District Study - excluded 194 Solar Panels 195

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



Masterplan Budget Plan September 30, 2019

EF P	DIADIT	Y DESCRIPTION	QUANTITY	UoM	LINIT DATE	TOTAL	COMMENTS
rr	MURII	T DESCRIPTION	QUANTITY	UOW	UNIT RATE	TOTAL	COMMENTS
		Replace HVAC					
:							
		New HVAC allowance serving Bldg H, J, K, L,					
4		N, P, assume new rooftop units, replace	24,956	SF	32.00	798,592	
		ductwork and diffusers as necessary, disconnect reconnect services and electrical					
5		disconnect reconnect services and electrical					
6							
,	1	REPLACE HVAC				798,592	32 \$/SF
3							
9		Fences And Gates - Ornamental					
10 11		Domo oxisting	1	LS	4,000.00	4,000	
12		Demo existing Ornamental fence	1 630	LF	200.00	126,000	8'ht
13		Gates	4	EA	5,000.00	20,000	pedestrian
14		Gates	2	EA	20,000.00	40,000	vehicular
15							
6							
17	1	FENCES AND GATES - ORNAMENTAL				190,000	
18							
19		Modernize Admin Building					
20							
04		Renovate within existing footprint, reconfigure	4.000	0.5	075.00	4 400 000	
21		walls/rooms, new FF&E, redo all bldg systems (HVAC, electrical/lighting, plumbing, security)	4,080	SF	275.00	1,122,000	
		(HVAC, electrical/lighting, plumbing, security)					
22							
24	1	MODERNIZE ADMIN BUILDING				1,122,000	275 \$/SF
25		MODELINALE ADMIN BUILDING				1,122,000	210 4/37
25 26		Shade Structure					
27		Shade Shacture					
28		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no now naving accura-
		with a solid roof	4,500	or	120,00	302,300	no new paving assumed
29 30							
		OUADE OTBUOTURE				500 500	
31	1	SHADE STRUCTURE				562,500	125 \$/SF
32 33		Boof Bonoir					
33 34		Roof Repair					
		Replace built-up roofing, repair/replace roof	0.1.050		25.00	070 400	
35		membranes, flashings/collars, gutters/drains	24,956	SF	35.00	873,460	
36							
37							
18	2	ROOF REPAIR				873,460	35 \$/SF
19							
10		Utility Survey					
1 1		Condition Current of underground utility it-					
42		Condition Survey of underground utility lines (gas, domestic water, sanitary sewer,	212,000	SF	0.20	42.400	
-		bldg/stormwater drain, electrical, data)	212,000	or	0.20	42,400	
3		areas areas areas areas					
4							
5	2	UTILITY SURVEY				42,400	
16							
7		Technology Upgrade					
В							
		Replace fiber optic and copper cable networks					
19		from MDF bldg N to Bldgs H, J, K, L, M, P,	1,450	LF	25.00	36,250	
		reuse existing raceways as necessary, replace if needed					
		II riceaed					
0							

36,250

Page 18 of 43 Page 19 of 43

TECHNOLOGY UPGRADE

51 52



Masterplan Budget Plan September 30, 2019

	BIOBII	TY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
SEF PE	NIOKII	I DESCRIPTION	QUANTITY	UOW	UNITRATE	TOTAL	COMMENTS
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 Irrigation	29,600 14,800	SF SF	2.50 3.00	74,000 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							
67							
68	2	OUTDOOR LEARNING CLASSROOM				1,289,600	44 \$/SF
69		B. I					
70 71		<u>Drinking Fountains</u>					
		Replace older drinking fountains with drinking					
72		stations	4	EA	5,000.00	20,000	
73							
74							
75	2	DRINKING FOUNTAINS				20,000	
76							
77		WINDOW REPLACEMENT					
78		·					
79		Replace existing glass windows with thermal	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	
83							
84 85		FENCES AND GATES ORNAMENTAL					
86		Demo existing	1	LS	3,000.00	3,000	
87		Ornamental fence	600	LF	200.00	120,000	8'ht
88		Gates	6	EA	5,000.00	30,000	pedestrian
89							
90							
91	3	FENCES AND GATES ORNAMENTAL				153,000	
92							
93		Collaborative Instructional Spaces					
94							
95		Remove partitions to accommodate for	96	LF	75.00	7,200	
		operable walls, including hazmat allowance					4.82.82
96		Structural work allowance	1 06	LS LF	15,000.00	15,000	at dividing walls only
97		New operable walls	96	LF	1,800.00	172,800	as required at disturbed areas along
98		Cut & patch interiors at renovated walls	96	LF	120.00	11,520	wall, excludes new classroom
99		MEP reconfiguration allowance	18,860	SF	4.00	75,440	finishes
100		New expansion for breakout spaces	3,200	SF	500.00	1,600,000	
		expansion for breakout spaces	0,200	J	555.00	1,550,000	
101		COLLABORATIVE INSTRUCTIONAL SPACES				1,881,960	85 \$/SF
101 102	3					.,00.,000	
101 102 103	3	COLLABORATIVE INSTRUCTIONAL SPACES					
101 102 103 104	3						
101 102	3	Utility Network Repairs					
101 102 103 104 105	3						
101 102 103 104 105	3	Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	212,000	SF	2.00	424,000	
101 102 103 104 105 106	3	Utility Network Repairs Assume repair/replacement of 75% sanitary	212,000	SF	2.00	424,000	
101 102 103 104 105 106 107	3	Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	212,000	SF	2.00	424,000	
101 102 103 104 105 106	3	Utility Network Repairs Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25%	212,000	SF	2.00	424,000 424,000	2 S/SF

Page 20 of 43 Page 21 of 43

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



Masterplan Budget Plan September 30, 2019

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

STORAGE

New steel frame, open-sided shade structure with a solid roof

12 13

55

57



Masterplan Budget Plan September 30, 2019

275 \$/SF

357,500

562,500

no new paving assumed

CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL GSF: 35,804 REF PRIORITY DESCRIPTION Admin Support Services New building allowance 2,700 SF 550.00 1,485,000 ADMIN SUPPORT SERVICES 1,485,000 550 \$/SF Storage New building allowance 1,300 SF 275.00 357,500

13								
16		Fences And Gates - Chain Link						
17								
18		Demo existing	1	LS	2,500.00	2,500		
19		Chain link fence	500	LF	75.00	37,500		
20		Gates	2	EA	3,500.00	7,000	pedestrian	
21		Gates	1	EA	10,000.00	10,000	vehicular	
22								
23								
24	1	FENCES AND GATES - CHAIN LINK				57,000		
25								
26		Staff Parking						
27								
28		Demo existing	6,300	SF	1.00	6,300		
29		Rough and fine grade	6,300	SF	0.50	3,150		
30		New asphalt paving	6,300	SF	5.00	31,500		
31		Striping, curbs, wheel stops, signage	1	LS	8,000.00	8,000		
32		Lighting	6.300	SF	3.00	18.900		

33		Security	6,300	SF	1.00	6,300	
34							
35							
36	2	STAFF PARKING				74,150	12 \$/SF
37							
38		Library Modernization/Expansion					
39							
40		New library expansion	780	SF	550.00	429,000	
41							
42							

41							
42							
43	2	LIBRARY MODERNIZATION/EXPANSION				429,000	550 \$/SF
44							
45		Fences And Gates - Ornamental					
46							
47		Demo existing	1	LS	900.00	900	
48		Ornamental fence	180	LF	200.00	36,000	8"ht
49		Gates	3	EA	5,000.00	15,000	pedestrian
50							
51							
52	3	FENCES AND GATES - ORNAMENTAL				51,900	
53							
54		Shade Structure					

4,500

SHADE STRUCTURE	562,500	125 \$/SF

125.00

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



Masterplan Budget Plan September 30, 2019

CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

CAST	TRO ELEM	ENTARY 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

Page 22 of 43 Page 23 of 43



Masterplan Budget Plan September 30, 2019

MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 40,379

		ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 40,379
	RIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
2		Replace HVAC					
3		Replace HVAC					
		New HVAC allowance serving Bldg A, B, C, D,					
		F, G, H, L, M, N, P, assume new rooftop units,	00.000	0.5	20.00	000.050	
4		replace ductwork and diffusers as necessary.	26,883	SF	32.00	860,256	
		disconnect reconnect services and electrical					
5							
6							
7	1	REPLACE HVAC				860,256	32 \$/SF
8							
9		Fences And Gates - Chain Link					
10							
11		Demo existing	1	LS	8,000.00	8,000	
12		Chain link fence	1,560	LF	75.00	117,000	
13		Gates	4	EA	3,500.00	14,000	pedestrian
14							
15							
16	1	FENCES AND GATES - CHAIN LINK				139,000	
17							
18		Collaborative Spaces At Library					
19							
		Building renovation allowance - renovate					
20		existing computer lab, install maker	4.004	SF	315.00	1,518,615	
20		lab/workroom utility services (plumbing,	4,821	SF	315.00	1,518,615	
		electrical, ventilation)					
21							
22							
23	1	COLLABORATIVE SPACES AT LIBRARY				1,518,615	315 \$/SF
24							
25		Playground K					
26							
27		Demolish existing	2,600	SF	1.00	2,600	
28		Rough and fine grading, allow	2,600	SF	0.50	1,300	
29		Tot turf	2,600	SF	18.00	46,800	
30		Drainage	2,600	SF	2.50	6,500	
31		Irrigation	2,600	SF	3.00	7,800	
32		Lighting	2,600	SF	3.00	7,800	
33		Play equipment allowance	1	LS	50,000.00	50,000	
34		Miscellaneous benches, furnishings etc	2,600	SF	3.00	7,800	
35							
36							
37	1	PLAYGROUND K				130,600	50 \$/SF
38							
39		Playground Modernization					
40							
41		Demolish existing	92,000	SF	1.00	92,000	
42		Rough and fine grading, allow	92,000	SF	0.50	46,000	
43		Tot turf	92,000	SF	18.00	1,656,000	
44		Reconfigure stormwater drainage	92,000	SF	2.50	230,000	
45		Irrigation	92,000	SF	3.00	276,000	
46		Lighting	92,000	SF	1.00	92,000	
47		Play equipment allowance	3	LOC	50,000.00	150,000	
48		Miscellaneous benches, furnishings etc	92,000	SF	3.00	276,000	
49 50							
51	1	PLAYGROUND MODERNIZATION				2,818,000	31 \$/SF
52		· · · · · · · · · · · · · · · · · · ·					
53		Shade Structure					
54							
55		New steel frame, open-sided shade structure	4,500	SF	125.00	562,500	no new paving assumed
		with a solid roof	.,		120.00		
56							
57							
58	1	SHADE STRUCTURE				562,500	125 \$/SF
59							

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



Masterplan Budget Plan September 30, 2019

EF F	RIORII	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
0	KIOKII	Admin Support Services	QUANTITI	OOM	ONTINATE	TOTAL	COMMENTS
1		Admin Support Services					
2		New building allowance	1,140	SF	550.00	627.000	
		14CW ballaring allowaniec	1, 140	- 01	000.00	027,000	
,							
		ADMIN CURRENT OFFICE				207.000	
	1	ADMIN SUPPORT SERVICES				627,000	550 \$/SF
		Utility Survey					
		Condition Survey of underground utility lines	0.15.000				
•		(gas, domestic water, sanitary sewer,	215,000	SF	0.20	43,000	
_		bldg/stormwater drain, electrical, data)					
1							
2	1	UTILITY SURVEY				43,000	
3							
4		Plumbing Repairs					
5							
		Repair campus sanitary sewer lines & bldg.					
6		drain lines. Assume repair/replacement of	215,000	SF	5.00	1,075,000	
0		100% sanitary sewer lines, 50% of stormwater	215,000	or	5.00	1,075,000	
		drain lines, 25% of domestic water lines					
7							
'8							
9	1	PLUMBING REPAIRS				1,075,000	5 \$/SF
30							
31		Technology Upgrade					
12		recimology opgrade					
-		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	1,220		20.00	00,000	
		TV's with classrooms (24)					
84		110 11111 01000100110 (2.1)					
35							
36	2	TECHNOLOGY UPGRADE				30,500	
		TECHNOLOGY OF GRADE				30,300	
37		0.44					
38		Outdoor Learning Classroom					
39							
0		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 04 700	LS	150,000.00	150,000	allowance
98		Electric/data connections	24,700	SF	1.00	24,700	
			24,700	SF	2.00	49,400	
99		Lighting	,				
99		Lighting	- 1,1				
99 00 01							
99 00 01	2	Lighting OUTDOOR LEARNING CLASSROOM				1,100,950	45 \$/SF
99 00 01 02	2		- 1,1			1,100,950	45 \$/SF
00 01 02 03	2					1,100,950	45 \$/SF
00 01 02 03 04	2	OUTDOOR LEARNING CLASSROOM	2.1,122			1,100,950	45 \$/SF
99 00 01 02 03 04 05	2	OUTDOOR LEARNING CLASSROOM	17,000	SF	1.00	1,100,950 17,000	45 \$/SF
00 01 02 03 04 05 06	2	OUTDOOR LEARNING CLASSROOM Staff Parking		SF SF	1.00		45 \$/SF
99 00 01 02 03 04 05 06	2	OUTDOOR LEARNING CLASSROOM Staff Parking Demo existing Rough and fine grade	17,000 17,000	SF	0.50	17,000 8,500	45 \$/SF
99 00 01 02 03 04 05 06 07	2	OUTDOOR LEARNING CLASSROOM Staff Parking Demo existing Rough and fine grade New asphalt paving	17,000 17,000 17,000	SF SF	0.50 5.00	17,000	45 \$/SF
999 100 101 102 103 104 105 106 107 108 109	2	OUTDOOR LEARNING CLASSROOM Staff Parking Demo existing Rough and fine grade New asphalt paving Striping, curbs, wheel stops, signage	17,000 17,000	SF	0.50	17,000 8,500 85,000	45 \$/SF
99 00 01 02 03 04 05 06 07 08	2	OUTDOOR LEARNING CLASSROOM Staff Parking Demo existing Rough and fine grade New asphalt paving Striping, curbs, wheel stops, signage Lighting	17,000 17,000 17,000 1	SF SF LS	0.50 5.00 20,000.00	17,000 8,500 85,000 20,000	45 \$/SF
99 00 01 02 03 04 05 06 07 08 09	2	OUTDOOR LEARNING CLASSROOM Staff Parking Demo existing Rough and fine grade New asphalt paving Striping, curbs, wheel stops, signage	17,000 17,000 17,000 1 1 17,000	SF SF LS SF	0.50 5.00 20,000.00 3.00	17,000 8,500 85,000 20,000 51,000	45 \$/SF

198,500

12 \$/SF

2 STAFF PARKING



Masterplan Budget Plan September 30, 2019

		ELEMENTARY SCHOOL - ESTIMATE DETAIL Y DESCRIPTION	OHANTITY	UoM	LINIT DATE	GSF	,
REF PRI	HORII	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
116		Collaborative Instructional Spaces					
117		Collaborative ilistructional Spaces					
		Remove partitions to accommodate for					
118		operable walls, including hazmat allowance	120	LF	75.00	9,000	
119		Structural work allowance	1	LS	15,000.00	15,000	at dividing walls only
120		New operable walls	120	LF	1,800.00	216,000	
		·					as required at disturbed areas alo
121		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		MET recomigulation allowance	14,707	OI .	4.00	05,100	
124							
125	2	COLLABORATIVE INSTRUCTIONAL SPACES				313,588	21 \$/SF
126							
127		Fences And Gates - Oranmental					
128		rendes And Gates - Granmental					
129		Demo existing	1	LS	2,000.00	2,000	
130		Ornamental fence	285	LF	200.00	57.000	8"ht
131		Gates	2	EA	5,000.00	10,000	pedestrian
132							
133							
134	2	FENCES AND GATES - ORANMENTAL				69,000	
135							
136		Restroom Modernization					
137		restroom modernization					
138		Demolition	640	SF	10.00	6.400	
139		Floor finishes	640	SF	18.00	11,520	
140		Wall finishes	1,215	SF	20.00	24,300	
141		Ceiling finishes	640	SF	25.00	16,000	
142		Toilet accessories	4	EA	1,500.00	6,000	
143		Restroom modernization/expansion, add gender	4	EA	15,000.00	60,000	
143		neutral, single-occupancy restrooms (4), 620SF	4	EA	15,000.00	60,000	
144							
145							
146		RESTROOM MODERNIZATION				124,220	194 \$/SF
	3						
147	3						
147 148	3	CLASSROOM STORAGE EXPANSION					
	3						
148 149 150	3	New storage systems in classrooms	720	SF	25.00	18,000	
148 149 150	3		720 720	SF SF	25.00 5.00	18,000 3,600	
148 149 150 151	3	New storage systems in classrooms					
148 149 150 151 152 153		New storage systems in classrooms Reconfigure lighting/power as necessary				3,600	
148 149 150 151	3	New storage systems in classrooms					
148 149 150 151 152 153		New storage systems in classrooms Reconfigure lighting/power as necessary				3,600	
148 149 150 151 152 153		New storage systems in classrooms Reconfigure lighting/power as necessary				3,600	
148 149 150 151 152 153 154 155 156		New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE	720	SF	5.00	3,600 21,600	
148 149 150 151 152 153 154 155 156 157		New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION				3,600	
148 149 150 151 152 153 154 155 156 157 158 159		New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE	720	SF	5.00	3,600 21,600	
148 149 150 151 152 153 154 155 156 157 158 159 160	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space	720	SF	5.00	3,600 21,600 300,000	
148 149 150 151 152 153 154 155 156 157		New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE	720	SF	5.00	3,600 21,600	200 \$/SF
148 149 150 151 152 153 154 155 156 157 158 159 160	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE	720	SF	5.00	3,600 21,600 300,000	200 \$/SF
148 149 150 151 152 153 154 155 155 156 157 158 159 160 161	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space	720	SF	5.00	3,600 21,600 300,000	200 \$/SF
148 149 150 151 152 153 154 155 156 157 158 159 160	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT	720	SF	5.00	3,600 21,600 300,000	200 \$/SF
148 149 150 151 152 153 154 155 155 156 157 158 159 160 161	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal	720	SF	5.00	3,600 21,600 300,000	200 \$/SF
148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT	1,500	SF	200.00	3,600 21,600 300,000 300,000	·
148 149 150 151 152 153 154 155 156 157 158 160 161 162 163 164 165	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal	1,500	SF	200.00	3,600 21,600 300,000 300,000	·
148 149 150 151 152 153 154 155 155 156 157 158 159 160 161 162 163 164 165	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal	1,500	SF	200.00	3,600 21,600 300,000 300,000	·
148 149 149 150 151 152 153 154 155 156 157 158 160 161 162 163 164 165 166 167	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass WINDOW REPLACEMENT	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
148 149 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
148 149 149 150 151 152 153 154 155 156 157 158 160 161 162 163 164 165 166 167	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass WINDOW REPLACEMENT Utility Network Repairs	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
1148 1149 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass WINDOW REPLACEMENT Utility Network Repairs Assume repair/replacement of 25% of utility	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
1448 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bldg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass WINDOW REPLACEMENT Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·
148 149 149 150 151 152 152 153 155 155 155 155 156 166 166 167 166 167 166 167 171	3	New storage systems in classrooms Reconfigure lighting/power as necessary CLASSROOM STORAGE EXPANSION SPED SENSORY SPACE Renovate space in Bidg. P for sensory space SPED SENSORY SPACE WINDOW REPLACEMENT Replace existing glass windows with thermal insulating glass WINDOW REPLACEMENT Utility Network Repairs Assume repair/replacement of 25% of utility	1,500	SF	200.00	3,600 21,600 300,000 300,000 1,500,000	·

Page 26 of 43

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



Masterplan Budget Plan September 30, 2019

MONT	A LOMA	ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 40,379
REF F	PRIORITY	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 - excluded
185							
186							
187	TBD	SOLAR PANELS					

Page 27 of 43

58

TBD SOLAR PANELS



Masterplan Budget Plan September 30, 2019

\$0 / SF

STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL GSF: 32,079 REF PRIORITY DESCRIPTION QUANTITY Fences And Gates - Ornamental Demo existing 1,500.00 1,500 LF Ornamental fence 200 200.00 40,000 8"ht Gates FA 5,000.00 10,000 pedestrian FENCES AND GATES - ORNAMENTAL 51,500 10 Shade Structure 11 12 New steel frame, open-sided shade structure 13 4,500 SF 125.00 562,500 no new paving assumed with a solid roof 14 16 SHADE STRUCTURE 562,500 125 \$/SF Outdoor Landscaped Areas 20 Demolition 47,500 SF 47,500 Rough and fine grading, allow 21 47.500 0.50 23.750 New hardscape 33 250 SF 70% 22 35.00 1.163.750 New softscape 14 250 15.00 30% 23 213 750 47,500 2.50 118,750 24 Drainage 25 14,250 3.00 Irrigation 42,750 Allow for site furnishings - benches, seatwalls, 26 47.500 SF 5.00 237,500 tables etc) 27 150,000.00 150,000 allowance Shade feature, allow LS Electric/data connections 47.500 SF 1.00 28 47.500 47.500 SF 95.000 29 Lighting Potable water/bib 47,500 SF 1.00 47,500 30 33 OUTDOOR LANDSCAPED AREAS 2,187,750 46 S/SF 34 35 Technology Upgrade 36 Replace IDF cabinet in library with larger 37 cabinet. Install Front Row conductor for PA LS 25,000.00 25,000 system. 38 40 2 TECHNOLOGY UPGRADE 25,000 41 42 Storage Expansion 43 New storage building 1,800 275.00 495,000 44 47 STORAGE EXPANSION 495,000 275 \$/SF 48 MUR Modernization/A-V Upgrade 49 Add shade devices to SW/SE windows 3,500.00 3,500 Upgrade A-V systems with fixed production-75,000.00 75,000 52 LS oriented systems 53 54 55 MUR MODERNIZATION/A-V UPGRADE 78,500 56 Solar Panels Under District Study - excluded 57

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



Masterplan Budget Plan September 30, 2019

E 5	PIOPIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
EF F	RIURII	T DESCRIPTION	QUANTITY	UOW	ONIT RATE	TOTAL	COMMENTS
2		Replace HVAC					
3		- I COPINGO I I FAO					
4		New HVAC units in 5 single-story classroom buildings and 1 library. Replace Existing HVAC Systems, (6) Bldgs. (Nos. C, D, E, F, G, H)	30,608	SF	32.00	979,456	
5							
6							
7	1	REPLACE HVAC				979,456	32 \$/SF
8							
9		Playground K					
10							
11		Demolish existing	9,300	SF	1.00	9,300	
12		Rough and fine grading, allow	9,300	SF	0.50	4,650	
13		Tot turf	6,510	SF	18.00	117,180	70%
14		Hardscape	2,790	SF	25.00	69,750	30%
15		Drainage	9,300	SF	2.50	23,250	
16		Irrigation	6,510	SF	3.00	19,530	
17		Lighting	9,300	SF	3.00	27.900	
18		Play equipment allowance	9,300	LS	50.000.00	50,000	
		Miscellaneous benches, furnishings etc	9,300	LS	3.00	27.900	
19 20		wiscellaneous periones, lumisnings etc	9,300	LO	3.00	27,900	
21							
22	1	PLAYGROUND K				349,460	38 \$/SF
23							
24		Landscape - Courtyards					
25							
26		Demolition	14,250	SF	1.00	14,250	
27		Rough and fine grading, allow	14,250	SF	0.50	7,125	
28		New hardscape	9,975	SF	35.00	349,125	70%
29		New softscape	4,275	SF	15.00	64,125	30%
30		Drainage	4,275	SF	2.50	10,688	
31		Irrigation	4,275	SF	3.00	12,825	
		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			,200			,	
37							
38	1	LANDSCAPE - COURTYARDS				722.138	51 \$/SF
39		E II DOG A E - GOOK! TAKED				722,100	0. 4 ,5F
40		Shade Structure					
41		Shade Shadhare					
41		Newsteel frame, open sided shade -+					
42		New steel frame, open-sided shade structure with a solid roof	4,500	SF	125.00	562,500	no new paving assumed
		WILL & SOUR TOOL					
43							
44							
45	1	SHADE STRUCTURE				562,500	125 \$/SF
46							
47		Utility Survey					
48							
		Condition survey for underground utility lines					
		Condition survey for underground utility lines	240 000	SF	0.20	48 000	
48		(water, sanitary sewer, stormwater drain, gas,	240,000	SF	0.20	48,000	
18			240,000	SF	0.20	48,000	

48.000

0 \$/SF

Page 28 of 43 Page 29 of 43

1 UTILITY SURVEY



Masterplan Budget Plan September 30, 2019

THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF	37	969

HEUE	RKAUF	ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 37,969
	RIORITY	/ DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
53		Discribing Description					
54		Plumbing Repairs					
55		Dennis compris conitant control lines 0 hide					
		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	
36		drain lines, 25% of domestic water lines. See	240,000	31	3.00	1,200,000	
		utility survey area.					
57		dility survey area.					
58							
59	1	PLUMBING REPAIRS				1,200,000	5 \$/SF
60	•					.,,	·
61		Pickup/Dropoff, Parking					
62							
63		Demolition of existing	49.700	SF	1.00	49,700	
64		Rough and fine grading, allow	49,700	SF	0.50	24,850	
65		New hardscape - concrete/asphalt	44,730	SF	12.00	536,760	90%
66		Allow for curbs, striping, signage	1	LS	115,000.00	115,000	
67		Softscape - allow for minimal trees/shrubs	4,970	SF	15.00	74,550	10%
68		Drainage	49,700	SF	2.50	124,250	
69		Irrigation	4,970	SF	3.00	14,910	
70		Lighting	49,700	SF	2.00	99,400	
71							
72							
73	1	PICKUP/DROPOFF, PARKING				1,039,420	21 \$/SF
74							
75		Fences And Gates - Ornamental					
76							
77		Demo existing	1 100	LS	6,000.00	6,000	Part 4
78		Ornamental fence	1,100	LF.	200.00	220,000	8'ht
79 80		Gates	4	EA	5,000.00	20,000	pedestrian
80							
82	2	FENCES AND GATES - ORNAMENTAL				246,000	
		TENGES AND GATES - ORNAMENTAL				240,000	
83 84		Library Madagarination					
84 85		<u>Library Modernization</u>					
00		Interior reportation allowance acceptance and					
86		Interior renovation allowance - renovate entire library with new FF&E, including HVAC, lighting	4,793	SF	325.00	1,557,725	
07		instally will new FFQE, including HVAC, lighting					
87 88							
	2	LIBRARY MODERNIZATION				1 557 705	325 \$/SF
90	2	LIDRAR I WODERNIZATION				1,557,725	329 \$/5F
90 91		Technology Upgrade					
92		recimology opgrade					
J2		Create collaborative classroom spaces with					
		lab/workroom type instructional spaces, Bldgs.					
93		C, D, E, G. Modernize/refurbish Gr 1-5	24,515	SF	3.00	73,545	
-		classrooms (17)	2.,0.0	٥.	0.00	. 0,0 .0	
		Exclude Prek-K & portable classrooms.					
94		<u> </u>					
95							
96	2	TECHNOLOGY UPGRADE				73,545	
97							
98		Classroom Modernization					
99							
		Modernize classroom spaces - create					
100		lab/workroom-type instructional spaces,	24,515	SF	160.00	3,922,400	
		Introduce transparent, operable partitions	2 1,0 10	٥.	100.00	0,022,100	
		between classrooms and with exteriors					
101 102							
	•	OL ADODOGNI MODERNIZATION				2 000 405	
103	2	CLASSROOM MODERNIZATION				3,922,400	160 \$/SF

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



Masterplan Budget Plan September 30, 2019

	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
04		T DECOMM (TOT)	40,		0.1111111111111111111111111111111111111		- John Market
)5		Building Structural Upgrade					
16							
07		Allowance for shear and structural supports	1,300	SF	50.00	65,000	
08 09							
10	2	DUM DING CTRUCTURAL URODADE				CF 000	50 \$/SF
		BUILDING STRUCTURAL UPGRADE				65,000	50 \$/SF
l1 l2		Playground 1-5					
13		Playground 1-5					
14		Demolish existing	2.600	SF	1.00	2.600	
15		Rough and fine grading, allow	2,600	SF	0.50	1,300	
16		Tot turf	2,600	SF	18.00	46,800	
17		Drainage	2,600	SF	2.50	6,500	
18		Irrigation	2,600	SF	3.00	7,800	
19		Lighting	2,600	SF	3.00	7,800	
20		Play equipment allowance	1	LS	50,000.00	50,000	
21		Miscellaneous benches, furnishings etc	2,600	LS	3.00	7,800	
22							
23							
24	3	PLAYGROUND 1-5				130,600	50 \$/SF
25							
26		Landscape - Campus Frontage					
27		B 84 46			4.00		
28 29		Demolish existing	28,000	SF SF	1.00 0.50	28,000	
30		Rough and fine grading, allow Hardscape	11,200 16,800	SF	35.00	5,600 588,000	60%
31		Landscape	11,200	SF	15.00	168,000	40%
32		Drainage	11,200	SF	2.25	25,200	40.0
133		Irrigation	11,200	SF	1.50	16,800	
134		Lighting	28,000	SF	3.00	84,000	
135		Misc site amenities	28,000	SF	3.00	84,000	
136							
137							
138	3	LANDSCAPE - CAMPUS FRONTAGE				999,600	36 \$/SF
39							
140		WINDOW REPLACEMENT					
141							
		Replace existing glass windows with thermal	1	LS	1,515,000.00	1,515,000	remove and replace - allowance
		insulating glass	·		1,010,000.00	1,010,000	
143							
43 44							
43 44 45	3	WINDOW REPLACEMENT				1,515,000	
43 44 45 46	3					1,515,000	
43 44 45 46 47	3	WINDOW REPLACEMENT Roof Repair				1,515,000	
143 144 145 146	3	Roof Repair				1,515,000	
143 144 145 146 147	3	Roof Repair Repair damaged membrane, pipe	22.750	or.	7.00		Natural
142 143 144 145 146 147 148	3	Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	33,758	SF	7.00	1,515,000 236,306	Not a roof replacement
143 144 145 146 147 148	3	Roof Repair Repair damaged membrane, pipe	33,758	SF	7.00		Not a roof replacement
43 44 45 46 47 48 49	3	Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	33,758	SF	7.00		Not a roof replacement
43 44 45 46 47 48 49 50		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	33,758	SF	7.00	236,306	
43 44 45 46 47 48 49 50 51	3	Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	33,758	SF	7.00		Not a roof replacement 7 \$/SF
43 44 45 46 47 48 49 50 51 52		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR	33,758	SF	7.00	236,306	
143 144 145 146 147 148 150 151 152 153 154		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow	33,758	SF	7.00	236,306	
43 44 45 46 47 48 49 50 51 52		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR Utility Network Repairs	33,758	SF	7.00	236,306	
43 44 45 46 47 48 49 50 51 52 53 54 55		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR Utility Network Repairs Assume repair/replacement of 25% of utility				236,306 236,306	
43 44 45 46 47 48 49 50 51 51 52 53 54 55		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs	33,758	SF SF	7.00	236,306	
43 44 45 46 47 48 49 50 51 51 52 53 54 55		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR Utility Network Repairs Assume repair/replacement of 25% of utility				236,306 236,306	
43 44 45 46 47 48 49 50 51 51 52 53 54 55		Roof Repair Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies - allow ROOF REPAIR Utility Network Repairs Assume repair/replacement of 25% of utility systems not covered under plumbing repairs				236,306 236,306	



Masterplan Budget Plan September 30, 2019

THEUERKAUF ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 37,969

HEUE	EKKAUF	ELEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 37,969
	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
160							
161		New Ashpalt Overlay					
162							
163		Demolish existing	38,000	SF	1.00	38,000	
164		Asphalt overlay of existing playground (pedestrian use)	38,000	SF	4.50	171,000	
165		Allow for striping	38,000	SF	0.15	5,700	
166							
167							
168	4	NEW ASHPALT OVERLAY				214,700	6 \$/SF
169							
170		Restroom Modernization					
171							
172		Demolition	1,900	SF	10.00	19,000	
173		Floor finishes	1,900 2.565	SF SF	18.00	34,200	
174		Wall finishes Ceiling finishes	1,900	SF	20.00 25.00	51,300 47,500	
176		Toilet accessories	6	EA	1,500.00	9,000	
170		MEP allowance, includes fixture replacement, in		LA	1,500.00	3,000	
177		wall piping rework to support relocation of	1,900	SF	40.00	76,000	
		fixtures	1,500	OI .	40.00	70,000	
178		Threat 60					
179							
180	4	RESTROOM MODERNIZATION				237,000	125 \$/SF
181							
182		Electrical Upgrade					
183							
184		Replace switchgear to support 26 classrooms	1	LS	624,000.00	624,000	
		(700 stu), library, admin bldg., and MUR		LO	024,000.00	024,000	
185							
186							
187	TBD	ELECTRICAL UPGRADE				624,000	
188							
189		Solar Panels					Under District Study - exclude
190							
191							
192	TBD	SOLAR PANELS					

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



Masterplan Budget Plan September 30, 2019

VARGAS ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 25,488 REF PRIORITY DESCRIPTION Admin Support Services New building allowance 880 SF 550.00 484,000 ADMIN SUPPORT SERVICES 484,000 550 \$/SF Storage 10 New building allowance 1,300 SF 275.00 357,500 11 12 13 14 STORAGE 357,500 275 \$/SF 15 16 Shade Structure 17 New steel frame, open-sided shade structure 18 4.500 SF 125.00 562,500 no new paving assumed with a solid roof 19 20 21 2 SHADE STRUCTURE 562,500 125 \$/SF 22 23 24 Solar Panels Under District Study - excluded 26 TBD SOLAR PANELS

Page 32 of 43 Page 33 of 43



Masterplan Budget Plan September 30, 2019

CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL GSF: 106,781

DEE		/ DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1	PRIORITY	DESCRIPTION	QUANTITY	UOW	ONITRATE	TOTAL	COMMENTS
2		Replace HVAC					
3							
4		New HVAC units in 10 single-story classroom and admin. Buildings (10) Bldgs. (Nos. 100,	65,006	SF	32.00	2,080,192	
4		200, 300, 500, 700, 800, 1000)	65,006	SF	32.00	2,000, 192	
5		200, 000, 000, 100, 000, 1000)					
6							
7	1	REPLACE HVAC				2,080,192	32 \$/SF
8							
9		Locker Room Modernization/Replacement					
10		Construct and Indiana for Illia	1.004	05	500.00	0.045.500	
11		Construct new locker rooms facility	4,691	SF	500.00	2,345,500	
13							
14	1	LOCKER ROOM MODERNIZATION/REPLACEM	ENT			2,345,500	500 \$/SF
15							
16		New PE Classroom					
17		0	4 000	0=	500.00	000 000	
18 19		Construct new PE Classroom	1,200	SF	500.00	600,000	
20							
21	1	NEW PE CLASSROOM				600,000	500 \$/SF
22							
23		Frontage Improvement					
24							
25 26		Demolition of existing Rough and fine grading, allow	113,000 113,000	SF SF	1.00 0.50	113,000 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 SF	3.00	339,000	
34		Misc amenities - fences, gates	113,000	SF	1.00	113,000	
35							
36	1	FRONTAGE IMPROVEMENT				2,691,800	24 \$/SF
37							
38		Signage Marquis					
39 40		Digital signage allouppes	1	LS	75,000.00	75,000	
		Digital signage allowance Electrical/telecom allowance serving new					
41		Marquis	1	LS	10,000.00	10,000	
42		·					
43							
44	1	SIGNAGE MARQUIS				85,000	
45		MUD Madawia di Control					·
46		MUR Modernization/Replacement					
47							
47		Allowance for renovation/modernization			350.00	3,304,000	
47 48		Allowance for renovation/modernization - reconfigure for MUR, snack shop and kitchen	9,440	SF	330.00	0,004,000	
		Allowance for renovation/modernization - reconfigure for MUR, snack shop and kitchen	9,440	SF	330.00	0,004,000	
48			9,440	SF	330.00	0,004,000	
48 49	1		9,440	SF	330.00	3,304,000	350 \$/SF
48 49 50	1	reconfigure for MUR, snack shop and kitchen	9,440	SF	330.00		350 \$/SF
48 49 50 51 52 53	1	reconfigure for MUR, snack shop and kitchen	9,440	SF	330.00		350 \$/SF
48 49 50 51 52 53 54	1	reconfigure for MUR, snack shop and kitchen MUR MODERNIZATION/REPLACEMENT Security System Upgrade - PA				3,304,000	350 \$/SF
48 49 50 51 52 53 54 55	1	reconfigure for MUR, snack shop and kitchen MUR MODERNIZATION/REPLACEMENT	9,440	SF	15,000.00		350 \$/SF
48 49 50 51 52 53 54	1	reconfigure for MUR, snack shop and kitchen MUR MODERNIZATION/REPLACEMENT Security System Upgrade - PA				3,304,000	350 \$/SF

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



Masterplan Budget Plan September 30, 2019

EF P	RIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
9		Favors And Cates Ornamental					
60 61		Fences And Gates - Ornamental					
32		Demo existing	1	LS	2,625.00	2,625	
3		Ornamental fence	525	LF	200.00	105,000	8'ht
4		Gates	7	EA	5,000.00	35,000	pedestrian
5							
36							
7	1	FENCES AND GATES - ORNAMENTAL				142,625	
88		B					
9		<u>Drinking Fountains</u>					
70		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	
5							
6		Electrical Upgrade					
77		Cita is at associty (baseline associate associate					
		Site is at capacity (breakers, servicing gear), upsize system to expand capacity New					
78		servicing gear and breakers (replacement) to	1	LS	240,000.00	240,000	
		increase system capacity 50% above existing					
79		, , ,					
80							
81	2	ELECTRICAL UPGRADE				240,000	
82							
83		Utility Survey					
84							
85		Condition Survey of underground utility lines	220,000	e E	0.20	64,000	
60		(gas, domestic water, sanitary sewer, bldg/stormwater drain, electrical, data)	320,000	SF	0.20	64,000	
86		biogratormwater drain, electrical, data)					
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							
94	3	PLUMBING REPAIRS				960,000	3 \$/SF
	3	FLUMIDING REPAIRS				900,000	3 \$/5F
96		Chada Structura					
97 98		Shade Structure					
		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		<u>Landscape - Courtyards</u>					
05		Demalities	E7 E00	05	4.00	F7 500	
106		Demolition Rough and fine grading, allow	57,500	SF SF	1.00 0.50	57,500 28,750	
IU/		Rough and fine grading, allow New hardscape	57,500 40,250	SF SF	35.00	1,408,750	70%
08		Newsoftscape	17,250	SF	15.00	258,750	30%
09		Drainage	57,500	SF	2.50	143,750	
09 10			57,500 17,250	SF SF	2.50 3.00	143,750 51,750	
109 110 111		Drainage Irrigation Allow for site furnishings - benches, seatwalls,	17,250	SF	3.00	51,750	
108 109 110 111 112		Drainage Irrigation					a owance



Masterplan Budget Plan September 30, 2019

CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 106,781

CRITT	ENDEN E	LEMENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 106,781
REF I	PRIORI <u>TY</u>	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		Oleana and Mandana leading					
121 122		Classroom Modernization					
122		Modernize classroom spaces - structural					
		upgrades/support for 2nd floor.					
123		L1-reconfigure interior walls & add openings	17,705	SF	275.00	4,868,875	
		L2-reconfigure all non-structural walls					
		(increase number of classrooms)					
124 125							
	•	OL ADORDOM MODERNIZATION				4 000 075	
126	2	CLASSROOM MODERNIZATION				4,868,875	275 \$/SF
127 128		Doof Donois					
129		Roof Repair					
120							
		Remove existing shingles, re-roof w/ asphalt	0.4.000		00.00	004.007	
130		shingles. Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	24,999	SF	33.00	824,967	
		liasilings/storii collars, gutters/draiii 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.					
407		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 LF	2,500.00	82,500	
139 140		Fiber and copper cabling	650	LF	25.00	16,250	
141							
142	2	TECHNOLOGY UPGRADE				98,750	
143		12011102001 01 010102				00,100	
144		Restroom Modernization					
145		The state of the s					
146		Remove and replace wall finishes	4,550	SF	25.00	113,750	
147		Remove and replace ceiling finishes	3,000	SF	30.00	90,000	
148		Remove and replace floor tiles	3,000	SF	25.00	75,000	
149		Replace partitions & accessories, allow	12	EA	1,500.00	18,000	
150 151		Plumbing, fixtures and lighting	3,000	SF	60.00	180,000	
152							
153	2	RESTROOM MODERNIZATION				476,750	159 \$/SF
154	-	NEO THOU SHOULD HAVE				410,100	100 9/01
155		Window Replacement					
156							
157		Replace existing glass windows with thermal	1	LS	2,450,000.00	2,450,000	remove and replace - allowance
		insulating glass	"	LO	2,400,000.00	2,430,000	remove and replace - allowance
158							
159							
160	3	WINDOW REPLACEMENT				2,450,000	
161							
		Roof Repair					
162 163		Danair damagad membrana nina					
		Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	29.195	SF	7.00	204,365	Not a roof replacement

Page 36 of 43 Page 37 of 43

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



Masterplan Budget Plan September 30, 2019

						: 106,781	
	PRIORITY	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
165							
166							
167	3	ROOF REPAIR				204,365	7 \$/SF
168							
169		Utility Network Repair					
170							
		Assume repair/replacement of 25% of utility					
171		systems not covered under plumbing repairs (gas, electrical/data)	320,000	SF	1.00	320,000	
172							
173							
174	3	UTILITY NETWORK REPAIR				320,000	1 \$/SF
175							
176		Playfield Rail Upgrade					
177							
178		Replace rail, allowance	1	LS	25,000.00	25,000	
179							
180							
181	4	PLAYFIELD RAIL UPGRADE				25,000	
182							
183		Auditorium Systems Upgrade					
184		Dealers A Morrad Costers		1.0	200 000 00	200 000	
185 186		Replace A-V/Sound System	1	LS	200,000.00	200,000	
187							
188	4	AUDITORIUM SYSTEMS UPGRADE				200,000	
189		ADDITORION OT OT GRADE				200,000	
190		Structural Upgrade					
191		Structural Opgrade					
192		Provide structural upgrade to B300 if bldg is modernized	4,650	SF	75.00	348,750	assume architectural cut and pate as needed only
193		modernized					ao needda emy
194							
195	TBD	STRUCTURAL UPGRADE				348,750	75 \$/SF
196		·	-				•
197		Solar Panels					Under District Study - excluded
198							
199	TBD						



Masterplan Budget Plan September 30, 2019

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

GSF: 84,173

	MENTARY SCHOOL - ESTIMATE DETAIL				GSF	· ·
EF PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
2	Replace HVAC					
3	TO PILOS TITY TO					
	Replace Existing HVAC Systems8 Bldgs.					
4	(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						
8						
7 1	REPLACE HVAC				1,274,816	32 \$/SF
8					, ,	
9	Classroom Modernization					
0						
	Modernize classroom spaces - lab-type spaces					
11	for woodshop (electrical/ventilation), home	6.396	SF	275.00	1.758.900	
"	economics (i.e., kitchens), and art lab type	0,550	01	275.00	1,730,300	
	spaces					
12						
13						
4 1	CLASSROOM MODERNIZATION				1,758,900	275 \$/SF
15						
16	Landscape - Courtyards					
17						
18	Demolition	41,850	SF	1.00	41,850	
19	Rough and fine grading, allow	41,850	SF	0.50	20,925	
20	New hardscape	20,925	SF	35.00	732,375	50%
21	New softscape	20,925	SF	15.00	313,875	50%
22	Drainage	41,850	SF	2.50	104,625	
23	Irrigation	20,925	SF	3.00	62,775	
24	Allow for site furnishings - benches, seatwalls,	41,850	SF	5.00	209,250	
25	tables etc)		1.0	150.000.00		allowance
	Shade feature, allow Electric/data connections	1 41,850	LS SF	1.00	150,000 41,850	allowance
26 27	Lighting	41,850	SF	3.00	125,550	
28	Lighting	41,000	OI .	5.00	120,000	
29						
30 1	LANDSCAPE - COURTYARDS				1,803,075	43 \$/SF
31					.,,	
32	Shade Structure					
33	Ondae Off dotate					
	New steel frame, open-sided shade structure			105.00		
34	with a solid roof	4,500	SF	125.00	562,500	
35						
36						
37 1	SHADE STRUCTURE				562,500	125 \$/SF
38						
39	Fences And Gates - Ornamental					
10						
41	Demo existing	1	LS	4,800.00	4,800	
42	Ornamental fence	960	LF	200.00	192,000	8'ht
43	Gates	6	EA	20,000.00	120,000	vehicular
44						
45						
16 1	FENCES AND GATES - ORNAMENTAL				316,800	
47						
48	Utility Survey					
49	Out the Out of the desired of the de					
	Condition Survey of underground utility lines	205.000	0.5	0.00	70.000	
50	(gas, domestic water, sanitary sewer,	395,000	SF	0.20	79,000	
	bldg/stormwater drain, electrical, data)					
52						
	UTUTY OUDVEY				70.000	4400
53 2	UTILITY SURVEY				79,000	0 \$/SF
54						
55	Plumbing Repairs					

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



Masterplan Budget Plan September 30, 2019

GRAH/	AM ELEM	MENTARY SCHOOL - ESTIMATE DETAIL				GSF	: 84,173
REF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
57		Repair campus sanitary sewer lines & bldg. drain lines Assume repair/replacement of 75% sanitary sewer lines, 50% of stormwater drain lines, 25% of domestic water lines	395,000	SF	3.00	1,185,000	
58 59							
60	2	PLUMBING REPAIRS				1,185,000	3 \$/SF
	2	PLUMBING REPAIRS				1,185,000	3 \$/5F
61 62		Gym Modernization					
63		<u>Oym modermization</u>					
64		Replace finishes, HVAC, A-V/Sound system, and lights, add individual changing stations, non-gender changing rooms	29,200	SF	250.00	7,300,000	
65		New FF&E					excluded
66 67							
68	2	GYM MODERNIZATION				7,300,000	250 \$/SF
		GTM MODERNIZATION				7,300,000	250 \$/5F
69							Included with Gym Modernization
70		Locker Room Modernization					above
71							
72							
73	2	LOCKER ROOM MODERNIZATION					
74		Doof Dannis					
75 76		Roof Repair					
77		Remove existing shingles, re-roof w/ asphalt shingles. Repair damaged membrane, pipe flashings/storm collars, gutters/drain assemblies	16,290	SF	33.00	537,570	
78							
79							
80	2	ROOF REPAIR				537,570	33 \$/SF
81							
82 83		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	
		TECHNOLOGY OF GRADE				33,000	
88 89		Signage - Campus Frontage					
90							
91		Allow for new signage	1	LS	75,000.00	75,000	
92		New signage, allow power and data	1	LS	10,000.00	10,000	
93 94							
	•	CIONA CE CAMBUO EBONTA CE				05.000	
95	3	SIGNAGE - CAMPUS FRONTAGE				85,000	
96 97		MINDOW BEDI ACEMENT					
97 98		WINDOW REPLACEMENT					
		Replace existing glass windows with thermal		1.0	0.405.000.00	0.405.000	
99		insulating glass	1	LS	2,465,000.00	2,465,000	remove and replace - allowance
100							
101							
102	3	WINDOW REPLACEMENT				2,465,000	
103							
104		Fences And Gates - Ornamental					
105		Domo ovieting	- 1	10	2.500.00	2.500	
106 107		Demo existing Ornamental fence	1 415	LS LF	2,500.00	2,500 83.000	8'ht
108		Gates	6	EA	5,000.00	30,000	pedestrian
109					0,000.00	00,000	
110							



Masterplan Budget Plan September 30, 2019

GSF: 84,173

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

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

EF	PRIORI <u>T</u>	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
112							
113		Pickup/Dropoff, Parking					
114		Demolition of existing	41,000	SF	1.00	41,000	
116		Rough and fine grading, allow	41,000	SF	0.50	20,500	
117		New hardscape - assume concrete/asphalt	36,900	SF	12.00	442,800	90%
118		Allow for curbs, striping, signage	1	LS	95,000.00	95,000	
119		Softscape - allow for minimal trees/shrubs	4,100	SF	15.00	61,500	10%
120		Drainage	41,000	SF	2.50	102,500	
121		Irrigation	4,100 41,000	SF SF	3.00	12,300 123,000	
123		Lighting	41,000	or	3.00	123,000	
124							
125	3	PICKUP/DROPOFF, PARKING				898,600	22 \$/SF
126		TIGHT BROTOTT, TARKAME				000,000	== 4/-5/
127		Restroom Modernization					ADA upgrades/lighting complete
128		Nestroom modernization					Tank application in grand and in the
129		Remove and replace wall finishes	3,625	SF	25.00	90,625	
130		Remove and replace floor tiles	2,280	SF	25.00	57,000	
131		Replace partitions & accessories, allow	10	EA	2,500.00	25,000	
132		Plumbing fixtures	2,280	SF	35.00	79,800	
133							
134		DESTRUCK MODERNIZATION				050 405	
	3	RESTROOM MODERNIZATION				252,425	111 \$/SF
136 137		Deef Deneis					
138		Roof Repair					
130		Repair damaged membrane, pipe					
139		flashings/storm collars, gutters/drain assemblies	39,653	SF	7.00	277,571	Not a roof replacement
		- allow					
140							
141							
142	3	ROOF REPAIR				277,571	7 \$/SF
143							
144		Utility Network Repairs					
145							
4.40		Assume repair/replacement of 25% of utility	395,000	SF	1,25	493,750	
146		systems not covered under plumbing repairs (gas, electrical/data)	395,000	or.	1,20	493,750	
147		(gas, electrical data)					
148							
149	3	UTILITY NETWORK REPAIRS				493,750	1 \$/SF
150						•	
151		Covered Walkway					
152		<u> </u>					
		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							
		OOVEDED WALLEYAY				444.005	
156	4	COVERED WALKWAY				444,000	30 \$/SF
157							
158		Playground - Relocate Bike Enclosure					
159		New chain link fenced enclosure and asphalt					
160		ground surface	1,500	SF	20.00	30,000	
161		9					
162							
163	4	PLAYGROUND - RELOCATE BIKE				30,000	20 \$/SF
-		ENCLOSURE					
164							Under District Study - excluded
164 165		Solar Panels					
165		Solar Panels					Orider District Study - excluded
		Solar Panels					orider District Study - excluded

Page 40 of 43 Page 41 of 43



Masterplan Budget Plan September 30, 2019

TECHNOLOGY UPGRADES

EF F	PRIORIT	Y DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1		011.0					
2		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		now patinajo	1,020	- 01	00.00	40,000	
8							
9	1	SITE ACCESSIBILITY				51,030	32 \$/SF
10						2.0222	
11		Play Cluster					
12		Tier Oldotor					
13		Build new play area for preschool	1,000	SF	20.00	20,000	demo, landscaping
14		Drainage, irrigation, lighting	1,000	SF	7.00	7,000	
15		Play equipment	1	LS	50,000.00	50,000	
16							
17							
18	1	PLAY CLUSTER				77,000	77 \$/SF
19							
20		Fences And Gates					
21		<u> </u>					
22		Demo existing	1	LS	2,500.00	2,500	
23		Ornamental fence	380	LF	200.00	76,000	8"ht
24		Gates	3	EA	5,000.00	15,000	pedestrian
25							
26							
27	1	FENCES AND GATES				93,500	
28							
29		Shade Structure					
30							
31		New open-sided shade structure with a fabric	1,200	SF	85.00	102,000	
		roof in playground area	.,			,	
32							
33							
34	1	SHADE STRUCTURE				102,000	85 \$/SF
35							
36 37		Outdoor Landscaped Spaces					
		D	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	3,500	
39 40		New hardscape	2,100	SF	35.00	73,500	30%
41		Tot turf	2,800	SF	18.00	50,400	40%
		Newsoftscape	2,100	SF	15.00	31,500	30%
42				SF	2.50	17,500	
		Drainage	7,000	OF.			
43		Drainage Irrigation	7,000 2,100	SF	3.00	6,300	
43 44			2,100	SF	3.00	6,300	
43 44 45		Irrigation Allow for site furnishings - benches, seatwalls, tables etc)	2,100 7,000	SF SF	3.00 5.00	6,300 35,000	
43 44 45 46		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow	2,100 7,000 1	SF SF LS	3.00 5.00 50,000.00	6,300 35,000 50,000	allowance
43 44 45 46 47		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections	2,100 7,000 1 7,000	SF SF LS SF	3.00 5.00 50,000.00 3.00	6,300 35,000 50,000 21,000	allowance
43 44 45 46 47 48		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000	allowance
43 44 45 46 47 48 49		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections	2,100 7,000 1 7,000	SF SF LS SF	3.00 5.00 50,000.00 3.00	6,300 35,000 50,000 21,000	allowance
43 44 45 46 47 48 49 50		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000	allowance
43 44 45 46 47 48 49 50 51		Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000 7,000	
43 44 45 46 47 48 49 50 51	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000	allowance 46 \$/SF
43 44 45 46 47 48 49 50 51 52	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib OUTDOOR LANDSCAPED SPACES	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000 7,000	
42 43 44 45 46 47 48 49 50 51 52 53 54	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000 7,000	
43 44 45 46 47 48 49 50 51 52 53 54	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib OUTDOOR LANDSCAPED SPACES Technology Upgrades	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000 7,000	
43 44 45 46 47 48 49 50 51 52 53 54 55	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib OUTDOOR LANDSCAPED SPACES Technology Upgrades Replace ethernet cable with OM4 fiber cables to	2,100 7,000 1 7,000 7,000 7,000	SF SF LS SF SF SF	3.00 5.00 50,000.00 3.00 3.00 1.00	6,300 35,000 50,000 21,000 21,000 7,000 323,700	
43 44 45 46 47 48 49 50 51 52 53 54	1	Irrigation Allow for site furnishings - benches, seatwalls, tables etc) Shade feature, allow Electric/data connections Lighting Potable water/bib OUTDOOR LANDSCAPED SPACES Technology Upgrades	2,100 7,000 1 7,000 7,000	SF SF LS SF SF	3.00 5.00 50,000.00 3.00 3.00	6,300 35,000 50,000 21,000 21,000 7,000	

13,000

Page 42 of 43 Page 43 of 43

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



Masterplan Budget Plan September 30, 2019

LATHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

LAII	HAM ELEMI	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



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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.

- SFIP Update-2019 PROJECTS+COSTS_23 Oct 19_v3.1

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 subtrades 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% 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.

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

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

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

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.

Page 1 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

Page 2 of 20

BASIS OF ESTIMATE

ESCALATION

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

Escalation:	33.829	
Year 0 - 1	6.00%	
Year 1 - 2	6.00%	
Year 2 - 3	6.00%	
Year 3 - 4	6.00%	
Year 4 - 5	6.00%	
Beyond 5 Years	6.00%	

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

EXCLUSIONS .

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

Mountain View Whisham School District Student Facilities Improvement Plan Update Mountain View, California IVANSD CONSTRUCTION COST SUMMAR CONSTRUCTION CONSTRUCTION
PROJECT 1 DATE OF MALESTATE
PROJECT 1 STORY DATE 093.001 12.283.792 (12.283.792 18,095,000 21,840,100 40,320 414,000 14,245,000 1,595,010 108,540 248,000 6,105,000 1,435,200 234,750 883,120 1,956,800 429,180 84,955,495 48,761,342 2,425,860 12,074,314 216,320,711 14,351,690 13,504,533 SITE REQUIREMENTS JOBSITE MANAGEMEN PHASING 1,323,295 2,646,590 50,400 100,800 3,247,775 6,495,550 ESTIMATE SUB-TOTAL 2.5% 5.0% 6,219,220 12,438,441 372,572 745,144 469,963 939,925 22,123 44,246 28,980 57,960 287,426,479 40,113,972 25,742,648 60,227,944 431,142 287,428 862,284 4,907,770 3,271,847 9,815,540 142,694 95,129 265,368 12,045,185 8,030,123 24,090,369 449,958 299,912 899,735 2,239,031 1,492,487 4,478,061 DESIGN CONTINGENCY CONSTRUCTION CONTINGENCY SOFT COSTS



Masterplan Budget Plan SFIP Update November 01, 2019

GSF:

F	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
!	Project 1 Demo Buildings					
4	Demo existing Units 1 and 2	11,300	SF	7.00	79,100	
5		,			,	
6						
7	PROJECT 1 DEMO BUILDINGS				79,100	
8						
9	Project 1 Site Engineering					
10 11	Site grading, site utilities	123.600	SF	5.00	618.000	
12	one grading, one annies	120,000		0.00	010,000	
13						
14	PROJECT 1 SITE ENGINEERING				618,000	
15						
16	Project 1 Site Design/Frontage/New Parking/Pic	kup/Dropoff				
17 18	Allow for demolition, clearing and grading	65,000	SF	1.50	97,500	100%
19	New asphalt	45,500	SF	5.00	227,500	70%
20	Concrete curbs/walkways	13,000	SF	35.00	455,000	20%
21	Landscaping, incl irrigation	6,500	SF	18.00	117,000	10%
22						
23	PRO JEST 4 OLTE PERIONIEDONTA GENERA DA		2/00000		207.200	
24	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PA	KING/PICKUI	PIDROPO	FF .	897,000	
25 26	Project 1 Rebuild Playground					
27	FTOJECT I REBUIIG FIZYGIOUIIG					
28	Allow for demolition, clearing and grading	46,000	SF	1.50	69,000	100%
29	New asphalt	46,000	SF	5.00	230,000	
30	New play equipment	2	LOC	50,000.00	100,000	
31 32						
33	PROJECT 1 REBUILD PLAYGROUND				399,000	
34	TROSEST TREBSIES TEATSROOMS				000,000	
35	Project 1 Replace Buildings					
36						
37	New building construction	20,960	SF	550.00	11,528,000	classrooms
38 39						
40	PROJECT 1 REPLACE BUILDINGS				11,528,000	
41 41	PROJECT FREE EACE BOILDINGS				11,320,000	
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	
45	park for use by public Drinking station	1	EA	10,000.00	10,000	
46	Walkway	500	SF	35.00	17,500	
47	Extend utilities (500 lf) to restroom (water,	500	LF	160.00	80,000	
	sanitary sewer, electrical, data)	500	ш	100.00	50,000	
48 49						
50	PROJECT 2 NEW RESTROOMS				299,500	
	FROSECT 2 NEW RESTROOMS				299,000	
i1 i2	Solar Energy					
3	evin alleigt					
i4	Install roof mounted solar arrays	118	KW	4,500.00	531,000	1-71 kW, 2-47 kW
5						
56						
57	SOLAR ENERGY				531,000	

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



Masterplan Budget Plan SFIP Update November 01, 2019

HUFF ELEMENTARY SCHOOL - ESTIMATE DETAIL

EF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1	Project 1 Demo Buildings					
3	Froject i Demo Buildings					
4	Demo existing Units 1 and 2	10,219	SF	7.00	71,533	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				71,533	
3						
9	Project 1 Site Engineering					
0 1	Site grading, site utilities	116,700	SF	5.00	583,500	
2	one grading, one dilline	110,100	<u> </u>	0.00	555,555	
3						
4	PROJECT 1 SITE ENGINEERING				583,500	
5						
6	Project 1 Site Design/Frontage/New Parking/Pic	kup/Dropoff				
8	Allow for description already and an disc	75,000	SF	1.50	112,500	100%
9	Allow for demolition, clearing and grading New asphalt	52,500	SF	5.00	262,500	70%
0	Concrete curbs/walkways	15,000	SF	35.00	525,000	20%
!1	Landscaping, incl irrigation	7,500	SF	18.00	135,000	10%
2						
:3						
24	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PAI	RKING/PICKUI	P/DROPOI	FF	1,035,000	
!5						
:6 :7	Project 1 Rebuild Playground					
:7 !8	Allow for demolition, clearing and grading	30,000	SF	1.50	45,000	100%
29	New asphalt	30,000	SF	5.00	150,000	10070
30	New play equipment	2	LOC	50,000.00	100,000	
31						
32						
33	PROJECT 1 REBUILD PLAYGROUND				295,000	
14						
35 36	Project 1 Replace Buildings					
37	New building construction	19,500	SF	550.00	10,725,000	classrooms
18	Tron ballaning bollottaction	10,000		000.00	10,120,000	
19						
0	PROJECT 1 REPLACE BUILDINGS				10,725,000	
12	Project 2 New Restrooms					
12						
12 13	New adult restroom for park/playfield - new free-	480	SF	400.00		
12 13		480	SF	400.00	192,000	
12 13 14	New adult restroom for part/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station	1	EA	10,000.00	192,000	
12 13 14	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway				192,000	
12 13 14 15 16	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water,	1	EA	10,000.00	192,000	
12 13 14 15 16	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500	
12 13 14 15 16 17	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water,	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500	
142 133 144 15 166 17 188 19	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water,	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500	
12 13 14 14 15 16 17 18 18 19	New adult restroom for parl/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500 80,000	
144 144 145 146 147 148 149 150	New adult restroom for parl/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500 80,000	
12 13 14 15 16 17 18 19 19 10 10 11 15 15 16 16 17	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data) PROJECT 2 NEW RESTROOMS Solar Energy	1 500 500	EA SF LF	10,000.00 35.00 160.00	192,000 10,000 17,500 80,000	
144 145 146 147 148 149 150 151 152 153 154	New adult restroom for parl/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data)	1 500	EA SF	10,000.00 35.00	192,000 10,000 17,500 80,000	1-45 NW. 2-64 NW
111 122 133 144 145 155 166 155 156 156 151 152 153 155 156 156 151 152 153 153 154 155 156 156 151 152 153 153 154 155 156 156 155 155 155 155 155 155 155	New adult restroom for park/playfield - new free- standing restroom (m/w) facility at playfield/ park for use by public Drinking station Walkway Extend utilities (500 lf) to restroom (water, sanitary sewer, electrical, data) PROJECT 2 NEW RESTROOMS Solar Energy	1 500 500	EA SF LF	10,000.00 35.00 160.00	192,000 10,000 17,500 80,000	1-45 kW, 2-64 kW

Page 4 of 20 Page 5 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

LANDELS ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1 2	Project 1 Demo Buildings					
3						
4 5	Demo existing Units 1 and 2	9,774	SF	7.00	68,418	
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	One grading, site diffices	101,040	- 01	0.00	500,700	
13						
14	PROJECT 1 SITE ENGINEERING				506,700	
15	Desired 4 Oite Desired (Franks or /Now Desired (Pi	-1 (D ##				
16	Project 1 Site Design/Frontage/New Parking/Pio	скир/ргороп				
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 Landscaping	12,600 6,300	SF SF	35.00 18.00	441,000 113,400	10%
22	g	0,000			,	
23						
24	PROJECT 1 SITE DESIGN/FRONTAGE/NEW PA	RKING/PICKUI	P/DROPO	FF	869,400	
25	Declared A Debuild Discoursed					
26 27	Project 1 Rebuild Playground					
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	
32						
33	PROJECT 1 REBUILD PLAYGROUND				275,500	
34	Profession Building					
35	Project 1 Replace Buildings					
37	New building construction	18,900	SF	550.00	10,395,000	classroom
38						
39 40	PROJECT 1 REPLACE BUILDINGS				10,395,000	
41	PROJECT I REPLACE BUILDINGS				10,393,000	
42	Project 2 New Restrooms					
43						
44	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	400	31	400.00	192,000	
45	Drinking station	1	EA	10,000.00	10,000	
46	Walkway Extend utilities (500 lf) to restroom (water,	500	SF	35.00	17,500	
47	sanitary sewer, electrical, data)	500	LF	160.00	80,000	
48						
49						
50	PROJECT 2 NEW RESTROOMS				299,500	
51 52	Solar Energy					
53	Solai Ellergy					
54	Install roof mounted solar arrays	121	KW	4,500.00	544,500	1-57 kW, 2-64 kW
55 56						
57	SOLAR ENERGY				544,500	
31	OULAN ENERGI				344,300	

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



Masterplan Budget Plan SFIP Update November 01, 2019

MISTRAL ELEMENTARY SCHOOL - ESTIMATE DETAIL

F	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Project 1 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	11	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)					
)	PROJECT 1 NEW RESTROOMS				299,500	
:	Project 2 Demo Portables					
3		. 700				
4	Demo existing portables	5,760	SF	5.00	28,800	
5						
	DDO IFOT A DEMO DODTADI FO				20.000	
7	PROJECT 2 DEMO PORTABLES				28,800	
3						
	Project 2 Landscaping And Play Equipment					
)	All to the state of the state o	0.4.500		4.50		
	Allow for demolition, clearing and grading	21,500	SF	1.50	32,250	100%
2	Softscape	10,750	SF	18.00	193,500	50% 30%
3	Specialized play surface	6,450 4,300	SF	25.00	161,250	20%
	Hardscape		SF	35.00	150,500	20%
5	New play equipment	2	LOC	50,000.00	100,000	
7						
	DDG IFOT A LANDSCADING AND DLAY FOLIDA	ENIT			007.500	
3	PROJECT 2 LANDSCAPING AND PLAY EQUIPM	ENI			637,500	
9						
)	Project 3 Demo Buildings					
2	Demo existing buildings H/J/K/L	18,860	SF	7.00	132,020	
3 4						
5	PROJECT 3 DEMO BUILDINGS				132,020	
3						
7	Project 3 Site Engineering					
3						
9	Site grading, site utilities	36,400	SF	5.00	182,000	
)						
2	PROJECT 3 SITE ENGINEERING				182,000	
3						
1	Project 3 Site Design/Landscaping					
5						
3	Allow for demolition, clearing and grading	23,650	SF	1.50	35,475	100%
7	New asphalt	4,730	SF	5.00	23,650	20%
3	Concrete	11,825	SF	35.00	413,875	50%
9	Landscaping	7,095	SF	18.00	127,710	30%
)						
2	PROJECT 3 SITE DESIGN/LANDSCAPING				600,710	

Page 6 of 20 Page 7 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

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	

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



Masterplan Budget Plan SFIP Update November 01, 2019

CASTRO ELEMENTARY SCHOOL - ESTIMATE DETAIL

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

Page 8 of 20 Page 9 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

MONTA LOMA ELEMENTARY SCHOOL - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Project 1 Demo Buildings					
3						
4	Demo existing nine buildings	24,934	SF	5.00	124,670	
5						
6						
7	PROJECT 1 DEMO BUILDINGS				124,670	
8						
9	Project 1 Site Engineering					
10						
11	Site grading, site utilities	313,500	SF	5.00	1,567,500	
12						
13						
14	PROJECT 1 SITE ENGINEERING				1,567,500	
15						
16	Project 1 Site Design/Landscaping					
17						
18	Allow for demolition, clearing and grading	290,470	SF	1.50	435,705	100%
19	New asphalt	87,141	SF	5.00	435,705	30%
20	Concrete	87,141	SF	35.00	3,049,935	30%
21	Landscaping	116,188	SF	18.00	2,091,384	40%
22						
	PROJECT 1 SITE DESIGN/LANDSCAPING				0.040.700	
24	PROJECT 1 SITE DESIGN/LANDSCAPING				6,012,729	
25						
26	Project 1 Replace Buildings					
27	Al	00.000	0.5	550.00	40.005.000	classroom building
28	New building construction	32,900	SF	550.00	18,095,000	classroom building
30						
31	PROJECT 1 REPLACE BUILDINGS				40.005.000	
	PROJECT I REPLACE BUILDINGS				18,095,000	
32	O-l Fire-					
33	Solar Energy					
34 35	Install roof mounted/free standing solar arrays	148	KW	4.500.00	666,000	148kW
36	mistali rooi mounteu/iree standing solar arrays	140	rvv	4,500.00	000,000	HONEY
37						
38	SOLAR ENERGY				666,000	
30	SOLAN EINENGT				000,000	

Page 10 of 20 Page 11 of 20

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



Masterplan Budget Plan SFIP Update November 01, 2019

STEVENSON ELEMENTARY SCHOOL - ESTIMATE DETAIL

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



Masterplan Budget Plan SFIP Update November 01, 2019

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	

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



Masterplan Budget Plan SFIP Update November 01, 2019

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	

Page 12 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

PRIC	RITY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENT
	Project 1 New Building					
	Allow for clearing and grading	43,400	SF	1.50	65,100	100%
	New building construction	43,400	SF	500.00	21,700,000	admin/MUR/classroom
	Reconfigure parking/pickup/dropoff	1	LS	75,000.00	75,000	
	PROJECT 1 NEW BUILDING				21,840,100	
	D : (4B					
	Project 1 Demo Buildings					
	Demo wood framed structures	25,040	SF	7.00	175,280	
	PROJECT 1 DEMO BUILDINGS				175,280	
	Project 1 Site Engineering					
	Site grading, site utilities	189,500	SF	5.00	947,500	
	one grading, site utilities	103,000		0.00	341,000	
	PROJECT 1 SITE ENGINEERING				947,500	
	Project 1 Site Design/Landscaping/Improvem	<u>ents</u>				
	Allow for demolition, clearing and grading	163,500	SF	1.50	245,250	100%
	Asphalt	65,400	SF	5.00	327,000	40%
	Concrete	65,400	SF	35.00	2,289,000	40%
	Softscape	32,700	SF	18.00	588,600	20%
	DDG IFOT A GITE DEGICAL!! AND TO THE	DOVEMENTS			2.440.05	
	PROJECT 1 SITE DESIGN/LANDSCAPING/IMI	PROVEMENTS			3,449,850	
	Design 2 Navy Dyddings					
	Project 2 New Buildings					
	New building construction	33,900	SF	575.00	19,492,500	STEM classroom
	-					
	PROJECT 2 NEW BUILDINGS				19,492,500	
	Project 2 Demo Building					
	Demo existing building	17,705	SF	7.00	123,935	
	253 CAIDING BUILDING	17,700	0.	1.00	120,000	
	PROJECT 2 DEMO BUILDING				123,935	
	Project 2 Site Engineering					
	Cita grading pita utilities	46,950	SF	5.00	234,750	
	Site grading, site utilities	40,900	SF.	5.00	∠34,730	
	PROJECT 2 SITE ENGINEERING				234,750	
	Project 2 Site Design/Landscaping/Improvem	<u>ents</u>				
	Allow for demolition, clearing and grading	26,600	SF	5.00	133,000	100%
	Concrete Softscape	15,960 10,640	SF SF	35.00 18.00	558,600 191,520	40%
		10,040		10.00	101,020	
	<u> </u>					
	<u>'</u>					

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



Masterplan Budget Plan SFIP Update November 01, 2019

CRITTENDEN ELEMENTARY SCHOOL - ESTIMATE DETAIL

5		QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Project 3 New Buildings					
36						
37	New building construction	26,100	SF	550.00	14,355,000	classrooms
38						
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	ents				
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						
00						
01	SOLAR ENERGY				1,714,500	

Page 14 of 20 Page 15 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

RITY DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
Project 1A Demo Mot & Portables					
Demo existing	5,760	SF	7.00	40,320	
PROJECT 1A DEMO MOT & PORTABLES				40,320	
Project 1A Site Engineering					
Site grading, site utilities	82,800	SF	5.00	414,000	
<u> </u>					
PROJECT 1A SITE ENGINEERING				414,000	
Project 1A New Buildings					
- Tojout 17 (Table Ballanigo					
New building construction	25,900	SF	550.00	14,245,000	MOT/preschool
PROJECT 1A NEW BUILDINGS				14,245,000	
Project 1A Site Design/Landscaping/Improveme	nts				
Allow for demolition, clearing and grading	67,300	SF	1.50	100.950	100%
Asphalt	13,460	SF	5.00	67,300	20%
Concrete	26,920	SF	35.00	942,200	40%
Softscape	26,920	SF	18.00	484,560	40%
Outcompo	20,020		10.00	10 1,000	
PROJECT 1A SITE DESIGN/LANDSCAPING/IMP	ROVEMENTS			1,595,010	
Project 1B Demo Building					
Demo existing	15,220	SF	7.00	106,540	
PROJECT 1B DEMO BUILDING				106,540	
				,	
Project 1B Site Engineering				,	
				,	
Site grading, site utilities, site amenities/student	24,800	SF	10.00	248,000	
	24,800	SF	10.00		
Site grading, site utilities, site amenities/student use areas	24,800	SF	10.00	248,000	
Site grading, site utilities, site amenities/student	24,800	SF	10.00		
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING	24,800	SF	10.00	248,000	
Site grading, site utilities, site amenities/student use areas	24,800	SF	10.00	248,000	
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings	24,800	SF	10.00	248,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING				248,000 248,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction				248,000 248,000 6,105,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings				248,000 248,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction PROJECT 1B NEW BUILDINGS				248,000 248,000 6,105,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction				248,000 248,000 6,105,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction PROJECT 1B NEW BUILDINGS				248,000 248,000 6,105,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction PROJECT 1B NEW BUILDINGS Project 1B New Library In Renovated Bldg	11,100	SF	550.00	248,000 248,000 6,105,000 6,105,000	classrooms
Site grading, site utilities, site amenities/student use areas PROJECT 1B SITE ENGINEERING Project 1B New Buildings New building construction PROJECT 1B NEW BUILDINGS Project 1B New Library In Renovated Bldg	11,100	SF	550.00	248,000 248,000 6,105,000 6,105,000	classrooms

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



Masterplan Budget Plan SFIP Update November 01, 2019

GRAHAM ELEMENTARY SCHOOL - ESTIMATE DETAIL

	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
	Project 2 Demo Building					
!	Demo existing building	22,396	SF	7.00	156,772	
	Define existing building	22,390	OF.	7.00	130,772	
	PROJECT 2 DEMO BUILDING				156,772	
	Project 2 Site Engineering					
)						
<u> </u>	Site grading, site utilities	140,000	SF	5.00	700,000	
	PROJECT 2 SITE ENGINEERING				700,000	
	THOUSE TE SHE ENGINEERING				700,000	
	Project 2 Site Frontage Improvements					
•	Expand pickup/dropoff/parking	55,000	SF	23.00	1,265,000	100%
)	PROJECT 2 SITE FRONTAGE IMPROVEMENTS				1,265,000	
	B					
? 3	Project 2 Site Design/Landscaping/Improvemen	<u>its</u>				
,	Landscaped courtyards	48,000	SF	18.00	864,000	100%
5	,					
3						
7	PROJECT 2 SITE DESIGN/LANDSCAPING/IMPR	OVEMENTS			864,000	
В						
9	Project 2 New Buildings					
) I	New building construction	8,800	SF	550.00	4,840,000	adamia facilità.
:	New building construction	0,000	OF.	330.00	4,040,000	admin facility
3						
1	PROJECT 2 NEW BUILDINGS				4,840,000	
5					, ,	
3	Project 2 New Mur/Kitchen/Snack Shack					
,						
9	New building construction	11,600	SF	650.00	7,540,000	Excludes kitchen equipment
0						
1	PROJECT 2 NEW MUR/KITCHEN/SNACK				7,540,000	
2	SHACK				1,040,000	
3	Project 2 New Classroom Building					
4						
5	New building construction	13,900	SF	550.00	7,645,000	
6						
7						
3	PROJECT 2 NEW CLASSROOM BUILDING				7,645,000	
9	Outer Francisco					
1	Solar Energy					
2	Install roof mounted/free standing solar arrays	347	KW	4,500.00	1,561,500	350kW
3				1,000.00	.,,	
4						
5	SOLAR ENERGY				1,561,500	

Page 16 of 20 Page 17 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

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					
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	

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



Masterplan Budget Plan SFIP Update November 01, 2019

COOPER - ESTIMATE DETAIL

REF	DESCRIPTION	QUANTITY	UoM	UNIT RATE	TOTAL	COMMENTS
1						
2	Demo Buildings					
3						
4	Demo existing	9,042	SF	7.00	63,294	
5						
6						
7	DEMO BUILDINGS				63,294	
8						
9	Site Improvements					
10 11	Allow for domolition, alcoring and grading	124 000	SF	1.50	202.250	100%
12	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	Соловаро	10, 100		10.00	2 12,020	
15						
16	SITE IMPROVEMENTS				1,052,220	
17						
18	New Shop					
19						
20	New shop (metal, wood weld)	6,700	SF	450.00	3,015,000	Shop facility for metal, wood and welding work. Specialized ventilatio to contain airborne particulates/gases. 15' tall. Steel
21						frame structure.
22						
23	NEW SHOP				3,015,000	
	NEW SHOP				3,013,000	
24	N W b					
25 26	New Warehouse					
27	New warehouse	10,300	SF	100.00	1,030,000	High-bay warehouse, forklift/light truck accessible, storage racks and oversized items. 25' tall. Steel frame structure.
28						
29						
30	NEW WAREHOUSE				1,030,000	
31						
32	New Admin/Office Building					
33	New building	1,800	SF	550.00	990,000	Offices for 4 pns, conference & breatm for 20 pns (2), restrooms/kitchen/lockers/shower. 15' tall. Wood or steel frame structure.
35 36						
37	NEW ADMINIOFFICE BUILDING				000 000	
	NEW ADMIN/OFFICE BUILDING				990,000	
38	New Covered Levelous Facility					
39 40	New Covered Laydown Facility					
				175.00	275 225	Open-sided covered structure for
41	New covered laydown facility	5,000	SF	175.00	875,000	material and equipment laydown.
42						
43						
44	NEW COVERED LAYDOWN FACILITY				875,000	
45						
46	Vehicle Laydown					
47						
48	Vehicle laydown					See Site improvements
49 50						
	VEHIOLE LAVEOUNI					
51	VEHICLE LAYDOWN					
52						

Page 18 of 20 Page 19 of 20



Masterplan Budget Plan SFIP Update November 01, 2019

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	