NUSD EDUCATIONAL FACILITY MASTER PLAN

Why did we undertake a comprehensive Educational Facility Master Plan?

Novato Unified School District (NUSD) has thirteen school sites that provide the educational setting for approximately 8,000 students, 850 teachers, professionals, and classified staff along with administration and parent volunteers. These schools were built over 50 years ago, in the 1960s and 1970s. Our schools were modernized and repaired with the proceeds of the 2001 Measure A Bond. All 2001 Bond funds, \$107 million, were fully expended in 2010.

As we developed the NUSD Graduate Profile, defining the six skills known as "The 6 C's", as well as what academic content should be delivered by our teachers, it became evident that our school facilities do not provide the appropriate learning environment to support 21st Century learning. Collaboration, Critical Thinking and Communication are three of "The 6 C's" driving changes in the design of educational learning spaces. As teachers move to Project Based Learning (PBL) curriculum, the classroom or learning space will need to be different than designed in the 1960s and 1970s. PBL requires that teachers be the facilitators of small and large groups as opposed to the traditional teaching method of using lectures. The classroom space should support this new pedagogy. As such, our classrooms require modifications including furniture, technology, and classroom space; or, as said by many in the industry, *Construction follows Instruction*.

What has the District done to understand the educational and "brick and mortar" facility needs currently and for the next 20 years?

In December 2015, the Board of Trustees approved an agreement with architectural firm WLC Architects to develop a comprehensive education facility master plan. WLC Architects began the process by conducting community and site meetings to provide information about facility needs, 21st learning spaces and to gather input from these stakeholder groups regarding needs and desires. As part of this process, WLC Architects also evaluated the educational suitability of current school facilities. Over 40 meetings were conducted, including teachers and staff, parents, PTA members, booster clubs, students, Cabinet, Board members, and District consultants including Greystone West, construction management firm.

In the beginning of the process, facility needs and wants represented costs exceeding \$500 million; preliminary analysis demonstrated that a General Obligation Bond could generate only \$222 million – a gap of more than \$275 million.

Members of each site community participated in a prioritization process where they discussed and identified site needs, then voted on the site-specific projects identified to prioritize them by placing a dot next to the project(s) most important to them; each person present at the meeting was given four dots for voting. This process allowed project lists to be prioritized and scaled down to approximately \$264 million. After each meeting, a team including WLC, Greystone West, and District staff met to discuss and revise the master project list based on community input, educational needs, and facility structural needs.

In order to allocate the limited resources from an anticipated General Obligation Bond, the master project list was divided into three tiers by priority. The First priority, **Tier I**, identifies basic structural upgrades required at each school site to be in alignment with current code requirements. This list was developed over the past two years by Greystone West, site principals and District Maintenance and Operations (M&O) staff.

The cost associated with **Tier I - Basic Upgrades / Code Requirements** is currently estimated at **\$31 Million**. (Attachment A)

The Second Priority, **Tier II**, identifies District Priorities, which consist of projects to support 21st Learning, multipurpose room upgrades (including permanent stages), kitchen upgrades, air conditioning, security system upgrades, classroom device refresh (Chromebook, iPad, Surface, etc.), and relocation of the Central Kitchen.

The cost associated with **Tier II – District Priorities** is currently estimated at **\$68 Million** (Attachment B)

The third priority, **Tier III**, identifies Site-Specific Priorities, which consists of projects specific to each school site. This priority level is further divided into two categories – Levels 1.0 and 1.1. Level 1.0 focuses site-specific projects for the elementary schools (except Lynwood & Olive), Hill Education Center, and Novato Charter School. Level 1.1 focuses on the two oldest school sites, Lynwood and Olive, the Secondary Schools, and Hamilton School.

Projects included in Tier III are based on the educational focus of each school, priorities as expressed by participants in the various meetings, and the 21st Century learning concepts.

The cost associated with **Tier III – Site-Specific Priorities** is currently estimated at **\$131 Million** (Attachment C), with Level 1.0 at \$12,630,927 and Level 1.1 at \$118,377,666.

RECAP:

	<u>M</u>	<u>IN</u> ILLIONS
Bond Proceeds at \$60 per \$100,000	\$	222
Bond contingency 10%	\$	(23)
Project Management	\$_	(6)
Bond Funds Remaining	\$	193
<u>Tier I</u> : Basic Upgrades	\$_	(31)
Bond Funds Remaining	\$	162
<u>Tier II:</u> District Priorities	\$_	(66)
Bond Funds Remaining	\$	96
<u>Tier III</u> : Site-Specific Priorities		
Level 1.0	\$_	(13)
Bond Funds Remaining	\$	83
<u>Tier III</u> : Site-Specific Priorities		
Level 1.1	\$_	(118)
Bond Funds Shortfall	\$ _	(35)

How will the District fund the needs and determine the projects to be funded?

Over the past two years, the NUSD Board of Trustees has been exploring the possibility of asking Novato voters to support a Bond measure to provide the resources to fund the identified projects. TBWB Strategies, a strategies and communication consulting firm, has been engaged to perform polling and market research to identify the level of support in our community for a General Obligation (G.O.) Bond. In November 2015, TBWB contacted Godbe Research to conduct polling between November 25, 2016 and December 15, 2015. Polling identified that 69.7% of the Novato voters would support a G.O. Bond.

This level of support is dependent on the annual tax associated with the Bond measure. Current law provides that a Bond measure cannot tax more than \$60 per \$100,000 of assessed valuation (AV); however, a district can choose to offer a Bond measure at less than the \$60 per \$100,000. Polling questions showed support for a Bond measure moving from passage at the required 55% from 55.9% at \$60 tax per \$100,000 AV to 61.9% at \$52 per \$100,000 AV, and 67.2% at \$45 per \$100,000 AV. It is important to note, that after the polling respondents were provided with additional information regarding the projects and rates, support for the Bond measure increased to 65.5%.

The following rates generate Bond proceeds:

	\$60 per \$100,000 AV	\$222 Million
•	\$52 per \$100,000 AV	\$191 Million - a decrease of \$31 Million
•	\$45 per \$100,000 AV	\$165 Million – a decrease of \$57 Million

A process has been followed in determining the priorities as defined by Tier I: Basic Upgrades, Tier II: District Priorities, and Tier III: Site-Specific Priorities, Levels 1.0 and 1.1. At this point in the process, staff is seeking direction and clarification from the Board of Trustees as to projects listed in Tier II and Tier III - Level 1.1.

ATTACHMENT A

TIER I	BASIC UPGRADES / CODE REQUIREMENTS	
	ADA Path of Travel Walkways	\$ 2,346,624
	Asphalt/Playground Surface Repairs	\$ 2,257,920
	Exterior Painting	\$ 3,225,600
	Interior Finishes	\$ 7,744,327
	Electrical Infrastructure Upgrade	\$ 3,701,376
	Other Site-Specific Projects	\$ 11,477,196
	TOTAL: BASIC UPGRADES	\$ 30,753,043

ATTACHMENT B

TIER II	DISTRICT PRIORITIES	
	Technology: Flat Screens, etc.	\$ 4,275,533
	New Stage and Kitchen	\$ 20,974,464
	Air Conditioning	\$ 10,195,235
	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	\$ 11,039,457
	21st Century Flexible Furniture	\$ 4,322,954
	Add New Preschool Classrooms	\$ 5,922,202
	Classroom Device Refresh: Chromebook, iPad, Surface, etc.	\$ 6,000,000
	Central Kitchen Relocation	\$ 5,322,240
	TOTAL: DISTRICT PRIORITIES	\$ 68,052,085

ATTACHMENT C (1)

TIER III	SITE-SPECIFIC PRIORITIES / LEVEL 1.0	
	Loma Verde Elementary	\$ 2,124,864
	Lu Sutton Elementary	\$ 2,755,953
	Pleasant Valley Elementary	\$ 2,284,370
	Rancho Elementary	\$ 2,813,772
	San Ramon Elementary	\$ 893,330
	Hill Education Center	\$ 1,154,644
	Novato Charter School	\$ 603,994
	SUBTOTAL: SITE-SPECIFIC PRIORITIES / LEVEL 1.0	\$ 12,630,927

TIER III TOTAL \$ 131,008,593

ATTACHMENT C (2)

TIER III	SITE-SPECIFIC PRIORITIES / LEVEL 1.1	
	Lynwood Elementary	\$ 7,632,092
	Olive Elementary	\$ 4,963,956
	Hamilton K-8 (Community School)	\$ 8,095,450
	San Jose Middle School	\$ 9,598,821
	Sinaloa Middle School	\$ 7,352,433
	Novato High School	\$ 42,142,908
	San Marin High School	\$ 38,592,006
	SUBTOTAL: SITE-SPECIFIC PRIORITIES / LEVEL 1.1	\$ 118,377,666

TIER III TOTAL \$ 131,008,593

Lynwood Elementary School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

1 AE 1 As 1 Ex 1 In 1 Ele S Di	istrict Basic Upgrades to Schools / Code Requirements DA path of travel walkways sphalt/playground surface repairs xterior painting tterior finishes		Unit LS LS	\$	75,000	\$	onstruction Total		CO's 10% Cont 10%		calation 2 ears at 6%		Total Const Cost	30	oft Costs at	1 loje	ct Total
1 AE 1 As 1 Ex 1 In 1 Ele S Di	DA path of travel walkways sphalt/playground surface repairs xterior painting nterior finishes	1 1 1	LS	\$		4									20%		Cost
1 Ex 1 In 1 Ele S	xterior painting hterior finishes	1		ď.		Φ	75,000	\$	15,000	\$	10,800	\$	100,800	\$	20,160	\$ 1:	20,960
1 In 1 Ele	nterior finishes		1.0	\$	75,000	\$	75,000	\$	15,000	\$	10,800	\$	100,800	\$	20,160	\$ 1	20,960
1 Ele S Di		20.011	L2	\$	150,000	\$	150,000	\$	30,000	\$	21,600	\$	201,600	\$	40,320	\$ 2	41,920
S Di	Land Canada Carata and Canada Carata	32,711	SF	\$	10	\$	329,110	\$	65,822	\$	47,392	\$	442,324	\$	88,465	\$ 5	30,789
Di	lectrical Infrastructure Upgrade	1	LS	\$	155,000	\$	155,000	\$	31,000	\$	22,320	\$	208,320	\$	41,664	\$ 2	49,984
1 Te	Subtotal:					\$	784,110	\$	156,822	\$	112,912	\$	1,053,844	\$	210,769	\$ 1,20	64,613
1 Te																	
	istrict Priorities For Schools	0.1	DO 01 10		4.500		15/000	•	01.000	_	00.444	•	000 ///	_	41.000	• 0	51 507
	echnology (flat screens/classroom tech/voice enhancement)		ROOMS	,	6,500	\$	156,000	\$	31,200		22,464	\$	209,664		41,933		51,597
	lew Stage and Kitchen	2,500		\$	550	\$	1,375,000	\$	275,000		198,000	\$,	\$,		17,600
	ir-conditioning	32,911		\$	25	\$	822,775	\$	164,555		118,480		1,105,810				26,972
	A / Central Clock, Bell, Speakers / IT Infrastructure	32,911		\$	10	\$		\$	65,822		47,392	\$	442,324				30,789
	1st Century Flexible Furniture	10,970		\$	10	\$	109,703	\$	21,941		15,797	\$	147,441				76,930
I A	dd Preschool/Pre-Kindergarten classroom (1)	1,440	SF	\$	350	\$	504,000	\$	100,800	\$	72,576	\$	677,376	\$	135,475	\$ 8	12,851
S	Subtotal:					\$	3,296,588	\$	659,318	\$	474,709	\$	4,430,615	\$	886,123	\$ 5,3	16,738
Sit	ite Specific Projects / 21st Century Education																
	igh Impact Learning Studios	7,680	SF	\$	100	\$	768,000	\$	153,600	\$	110,592	\$	1,032,192	\$	206,438	\$ 1,2	38,630
	Modernize existing MUB	3,252		\$	50	\$	162,600	\$	32,520		23,414	\$	218,534		43,707		62,241
	Modernize existing Library into innovation center	960		\$	50	\$	48,000	\$	9,600		6,912	\$	64,512				77,414
	.dd/Improve TK/Kindergarten classrooms/Wkrm/Rstrm	300	SF	\$	350	\$	105,000	\$	21,000		15,120	\$	141,120		28,224		69,344
	dd Classrooms (3) + Flex Classroom (1)	4,896	SF	\$	350	\$	1,713,600	\$		\$	246,758	\$	2,303,078	\$	460,616		63,694
	econfigure and Enlarge Administration Space	2.000		\$	250	\$	500,000	\$		\$	72,000	\$		\$	134,400		06,400
	Outdoor Learning Environments	6,000	SF	\$	20	\$	120,000	\$	24,000		17,280	\$	161,280		32,256	\$ 1	93,536
	hade Structures	1,000	SF	\$	25	\$			5,000		3,600	\$	33,600		6,720		40,320
1 C	Community Center / Adult Education	2,500	SF	\$	350	\$	875,000	\$	175,000	\$	126,000	\$	1,176,000	\$	235,200	\$ 1,4	11,200
1 Er	ntry facelift	1	ALLOW	\$	150,000	\$	150,000	\$	30,000	\$	21,600	\$	201,600	\$	40,320	\$ 2	41,920
1 M	Nonument Sign and Electronic Marquee	1	ALLOW	\$	30,000	\$	30,000	\$	6,000	\$	4,320	\$	40,320	\$	8,064	\$	48,384
3 Te	emporary Housing															ľ	
1 Sc	creen the fenced area at the playfield	500	LF	\$	50	\$	25,000	\$	5,000	\$	3,600	\$	33,600	\$	6,720	\$	40,320
1 Ex	xpand asphalt for the kindergarten play area	2,000	SF	\$	15	\$	30,000	\$	6,000	\$	4,320	\$	40,320	\$	8,064	\$	48,384
1 Im	mprove Parking, Dropoff and Pedestrian Access	1	ALLOW	\$	150,000	\$	150,000	\$	30,000	\$	21,600	\$	201,600	\$	40,320	\$ 2	41,920
	emo Existing Kitchen	2,000	SF	\$	15	\$	30,000	\$	6,000	\$	4,320	\$	40,320	\$	8,064	\$	48,384
S	Subtotal:					\$	4,732,200	\$	946,440	\$	681,437	\$	6,360,077	\$	1,272,015	\$ 7,63	32,092

Notes

- 1. This site is designated to be fully air conditioned.
- 2. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.
- 3. New classrooms replace existing portables.
- 4. The new Community Center will replace the Family Literacy Center and incompass wellness, agency interaction and daycare.

Olive Elementary School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

		. "				C	onstruction		CO's 10%	Escalation 2		Expected Total Const	S	oft Costs at		
Phase	District Basic Upgrades to Schools / Code Requirements ADA path of travel walkways	Quantity	LS Unit		Cost/Unit	¢	Total 100,000	¢	20,000	Years at 6% 14,400	¢	134,400	¢	20% 26,880	¢ 1/	Cost 51,280
1	Asphalt/playground surface repairs		LS	\$	100,000 50,000	\$		\$	10,000	\$	\$	67,200				. ,
1	Exterior painting		LS	\$ \$	150,000	\$	50,000 150,000	\$	30,000		\$ \$	201,600		13,440 40,320		30,640 41 <i>.</i> 920
1	Interior finishes	30.765		\$	40	\$		\$	246,120		\$	1,653,926		330,785		34.712
1	Electrical Infrastructure Upgrade	,	LS	\$	155,000	\$,	\$		\$	\$	208,320		41,664	1	19.984
1	Drainage		ALLOW	\$	100,000	\$		\$	20,000		\$	134,400		26,880	,	47,704 61,280
	Subtotal:					\$	1,785,600	\$	357,120	\$ 257,126	\$	2,399,846	\$	479,969	\$ 2,87	9,816
	District Priorities For Schools															
1	Technology (classroom tech/voice enhancement)	23	ROOMS	\$	3,500	\$	80,500	\$	16,100	\$ 11,592	\$	108,192	\$	21,638	\$ 12	29,830
1	New MUB and Kitchen	6,500	SF	\$	350	\$	2,275,000	\$	455,000	\$ 327,600	\$	3,057,600	\$	611,520	\$ 3,66	59,120
2	Air-conditioning (STEAM Center Only included below)	3,552	SF	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-
1	PA / Central Clock, Bell, Speakers / IT Infrastructure	30,765	SF	\$	10	\$	307,650	\$	61,530	\$ 44,302	\$	413,482	\$	82,696	\$ 49	6,178
1	21st Century Flexible Furniture	10,255	SF	\$	10	\$	102,550	\$	20,510	\$ 14,767	\$	137,827	\$	27,565	\$ 16	55,393
1	Add Preschool/Pre-Kindergarten classroom (1)	1,440	SF	\$	400	\$	576,000	\$	115,200	\$ 82,944	\$	774,144	\$	154,829	\$ 92	28,973
	Subtotal:					\$	3,341,700	\$	668,340	\$ 481,205	\$	4,491,245	\$	898,249	\$ 5,38	9,494
	Site Specific Projects / 21st Century Education															
1	High Impact Learning Studios	7,680	SF	\$	100	\$	768,000	\$	153,600	\$ 110,592	\$	1,032,192	\$	206,438	\$ 1,23	38,630
1	Modernize existing MUB into STEAM Center (Includes AC)	3,552	SF	\$	200	\$	710,400	\$	142,080	\$ 102,298	\$	954,778	\$	190,956	\$ 1,14	45,733
1	Modernize existing Library into Innovation Center	1,378		\$	25	\$		\$	6,890	\$ 4,961	\$	46,301	\$	9,260		55,561
1	New Administration Building	3,000		\$	350	\$	1,050,000	\$	210,000	\$ 151,200	\$	1,411,200	\$	282,240	\$ 1,69	3,440
1	Music/Multiuse space added to MUR (Use STEAM Center)	1,200		\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-
1	Reclaim existing Admin space into classrooms (2)	1,920		\$	150	\$	288,000	\$	57,600	\$	\$	387,072		77,414		54,486
1	Storage space/screening	1	LS	\$	100,000	\$	100,000	\$	20,000	\$ 14,400	\$	134,400	\$	26,880	\$ 16	31,280
1	Outdoor Learning Environments	6,000	SF	\$	12	\$	72,000	\$	14,400	\$ 10,368	\$	96,768	\$	19,354	\$ 11	16,122
1	Shade Structures	1,000	SF	\$	25	\$	25,000	\$	5,000	\$ 3,600	\$	33,600	\$	6,720	\$ 4	10,320
1	Monument Sign and Electronic Marquee	1	ALLOW	\$	30,000	\$	30,000	\$	6,000	\$ 4,320	\$	40,320	\$	8,064	\$ 4	18,384
3	Temporary Housing															
	Subtotal:					\$	3,077,850	\$	615,570	\$ 443,210	\$	4,136,630	\$	827,326	\$ 4,96	3,956

Notes:

- 1. The STEAM Center, new Admin and MP will have air conditioning. Ceiling fans and vents will be added to improve airflow and passive cooling elsewhere.
- 2. Technology costs have been reduced because this site has been recently upgraded to have flat screen TV's in the classrooms.
- 3. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.
- 4. Reclaimed Admin intended to replace portable rooms 19 and 20

Hamilton School K-8

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

					_		001: 107	_		Expected		# G I I		Expected
Phase	District Basic Upgrades to Schools / Code Requirements	Quantity	Unit	Cost/Unit	C	Construction Total	CO's 10% Cont 10%		scalation 2 (ears at 6%	Total Const Cost	30	oft Costs at 20%	Pro	oject Total Cost
	ADA path of travel walkways		LS	\$ 100,000	\$		20,000			\$ 134,400	\$	26,880	\$	161,280
1	Asphalt/playground surface repairs		LS	\$ 200,000	\$	200,000	\$	\$	28,800	\$ 268,800		53,760	\$	322,560
1	Exterior painting	1	LS	\$ 175,000	\$	175,000	\$ 35,000		25,200	\$ 235,200		47,040	\$	282,240
	Interior finishes	46,708	SF	\$ 5	\$	233,540	\$ 46,708		33,630	\$ 313,878		62,776	\$	376,653
1	Electrical Infrastructure Upgrade		LS	\$ 155,000	\$	155,000	\$	\$	22,320	\$ 208,320		41,664	\$	249,984
	Subtotal:				\$	863,540	\$ 172,708	\$	124,350	\$ 1,160,598	\$	232,120	\$ 1	1,392,717
	District Priorities For Schools													
1	Technology (flat screens/classroom tech/voice enhancement)	36	ROOMS	\$ 6,500	\$	234,000	\$ 46,800	\$	33,696	\$ 314,496		62,899	\$	377,395
	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	46,708	SF	\$ 10	\$	467,080	\$ 93,416	\$	67,260	\$ 627,756		125,551	\$	753,307
1	21st Century Flexible Furniture	15,569	SF	\$ 10	\$	155,693	\$ 31,139	\$	22,420	\$ 209,252	\$	41,850	\$	251,102
1	Add Preschool/Pre-Kindergarten (1)	1,440	SF	\$ 400	\$	576,000	\$ 115,200	\$	82,944	\$ 774,144	\$	154,829	\$	928,973
	Subtotal:				\$	1,432,773	\$ 286,555	\$	206,319	\$ 1,925,647	\$	385,129	Ş 2	2,310,777
	Site Specific Projects / 21st Century Education													
	High Impact Learning Studios	9,600		\$ 100	\$	960,000	\$ 192,000		138,240	\$ 1,290,240		258,048	\$	1,548,288
1	Modernize existing Library into Innovation Center	2,300		\$ 25	\$		\$ 11,500		8,280	\$ 77,280		15,456	\$	92,736
1	Add Restrms & Wkrm to exist B5 & B6 classrooms for Preschool (2)	1,920		\$ 200	\$	384,000	\$ 76,800		55,296	\$ 516,096		103,219	\$	619,315
	Natural Light/Solotubes (Middle School Classrooms)		EA	\$ 3,000	\$	108,000	\$ 21,600		15,552	\$ 145,152		29,030	\$	174,182
1	Outdoor Learning Environments	5,000	SF	\$ 20	\$	100,000	\$ 20,000	\$	14,400	\$ 134,400	\$	26,880	\$	161,280
1	Shade Structures	1,000	SF	\$ 25	\$	25,000	\$ 5,000	\$	3,600	\$ 33,600	\$	6,720	\$	40,320
	New Student/Joint Use Community Center / Improve Dropoff													
1	and Parking	7,500	SF	\$ 400	\$	3,000,000	\$ 600,000	\$	432,000	\$ 4,032,000	\$	806,400	\$	4,838,400
1	Infill Covered Walk for new Speed Line	400	SF	\$ 300	\$	120,000	\$ 24,000	\$	17,280	\$ 161,280	\$	32,256	\$	193,536
	Pipe grid and additional lights for the gym stage	1	ALLOW	\$ 75,000	\$	75,000	\$ 15,000		10,800	\$ 100,800	\$	20,160	\$	120,960
1	Replace Stage Operable Partition	1	ALLOW	\$ 50,000	\$	50,000	\$ 10,000	\$	7,200	\$ 67,200	\$	13,440	\$	80,640
3	Temporary Housing													
1	Add flagpoles at the school admin entry	2	EA	\$ 7,500	\$	15,000	\$ 3,000	\$	2,160	\$ 20,160	\$	4,032	\$	24,192
1	Bike enclosure to accommodate 100 bikes	1	EA	\$ 20,000	\$	20,000	\$ 4,000	\$	2,880	\$ 26,880	\$	5,376	\$	32,256
1	Soften the landscape/Landscaping at Nave Drive	1	ALLOW	\$ 30,000	\$	30,000	\$ 6,000	\$	4,320	\$ 40,320	\$	8,064	\$	48,384
	New preschool playground	1	ALLOW	\$ 75,000	\$		\$	\$	10,800	\$	\$	20,160	\$	120,960
	Subtotal:				\$	5,019,500	\$ 1,003,900	\$	722,808	\$ 6,746,208	\$	1,349,242	\$ 8	3,095,450

Notes

- 1. This site is currently fully air conditioned.
- 2. Low voltage costs have been reduced because this site has been recently upgraded.
- 3. Relocate current preschool to rooms B1 and B2.
- 4. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.
- 5. Reclaim space in Building A for a small Admin Office. (100 sf)

San Jose Middle School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

Phase	District Basic Upgrades to Schools / Code Requirements	Quantity	Uni	t	Cost/Unit	С	onstruction Total		CO's 10% Cont 10%		Escalation 2 Years at 6%		Expected Total Const Cost	S	oft Costs at 20%	P	Expected roject Total Cost
1	ADA Ramp from Sunset Pkwy to Blacktop area	1	LS	\$	250,000	\$	250,000	\$	50,000	\$	36,000	\$	336,000	\$	67,200	\$	403,200
1	Asphalt/playground surface repairs	1	LS	\$	150,000	\$	150,000	\$	30,000	\$	21,600	\$	201,600	\$	40,320	\$	241,920
1	Exterior painting	1	LS	\$	225,000	\$	225,000	\$	45,000	\$	32,400	\$	302,400	\$	60,480	\$	362,880
1	Interior finishes	59,471	SF	\$	5	\$	297,355	\$	59,471	\$	42,819	\$	399,645	\$	79,929	\$	479,574
1	Electrical Infrastructure Upgrade	1	LS	\$	200,000	\$	200,000	\$	40,000	\$	28,800	\$	268,800	\$	53,760	\$	322,560
1	Roof Replacement	1	LS	\$	1,025,593	\$	1,025,593	\$	205,119	\$	147,685	\$	1,378,397	\$	275,679	\$	1,654,076
	Subtotal:					\$	2,147,948	\$	429,590	\$	309,305	\$	2,886,842	\$	577,368	\$	3,464,211
	District Priorities For Schools																
1	Technology (flat screens/classroom tech/voice enhancement)		ROOMS	\$	6,500	\$	234,000	\$	46,800		33,696	\$	314,496		62,899	\$	377,395
1	New Stage and Kitchen	3,000		\$	550	\$	1,650,000	\$,		237,600	\$	2,217,600		443,520	\$	2,661,120
1	Air-conditioning	59,471	SF	\$	25	\$	1,486,775	\$	297,355	\$	214,096	\$	1,998,226	\$	399,645	\$	2,397,871
1	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	59,471	SF	\$	15	\$	892,065	\$	178,413	\$	128,457	\$	1,198,935	\$	239,787	\$	1,438,722
1	21st Century Flexible Furniture	59,471	SF	\$	10	\$	594,710	\$	118,942	\$	85,638	\$	799,290	\$	159,858	\$	959,148
1	Subtotal:					\$	4,857,550	\$	971,510	\$	699,487	\$	6,528,547	\$	1,305,709	\$	7,834,257
	Site Specific Projects / 21st Century Education																
1	High Impact Learning Studios (All 4 pods)	8,500	SF	\$	300	\$	2,550,000	\$	510,000	\$	367,200	\$	3,427,200	\$	685,440	\$	4,112,640
1	Modernize existing Library into Innovation Center	4,906	SF	\$	25	\$	122,650	\$	24,530	\$	17,662	\$	164,842	\$	32,968	\$	197,810
1	Modernize existing Gym into Student Center/Cafeteria	6,400	SF	\$	100	\$	640,000	\$	128,000	\$	92,160	\$	860,160	\$	172,032	\$	1,032,192
1	Make (3) Science Classrooms into (2) Science Labs with Prep	2,880	SF	\$	300	\$	864,000	\$	172,800	\$	124,416	\$	1,161,216	\$	232,243	\$	1,393,459
1	Outdoor Learning Environments	5,000	SF	\$	20	\$	100,000	\$	20,000	\$	14,400	\$	134,400	\$	26,880	\$	161,280
1	Shade Structures	1,000	SF	\$	25	\$	25,000	\$	5,000	\$	3,600	\$	33,600	\$	6,720	\$	40,320
1	Curb appeal from Ignacio	1	ALLOW	\$	150,000	\$	150,000	\$	30,000	\$	21,600	\$	201,600	\$	40,320	\$	241,920
3	Temporary Housing	·		,	,-,-		,	•		۲	,	,		•	.,	ľ	,, ,,
1	Synthetic field and rubberized track / Field Restoration	1	LS	\$	1,500,000	\$	1,500,000	\$	300,000	\$	216,000	\$	2,016,000	\$	403,200	\$	2,419,200
	Subtotal:					\$	5,951,650	\$	1,190,330	\$	857,038	\$	7,999,018	\$	1,599,804	\$	9,598,821

Notes:

1. This site is designated to be fully air conditioned to achieve parity with Sinaloa MS.

2. Because this is an all PBL school, all classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.

Sinaloa Middle School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

Phase	District Basic Upgrades to Schools / Code Requirements	Quantity	Unit		Cost/Unit	c	Construction Total		CO's 10% Cont 10%		scalation 2 Years at 6%		Expected Total Const Cost	Sc	oft Costs at 20%		Expected oject Total Cost
1	ADA path of travel walkways		LS	\$	250,000	\$	250,000	\$	50,000	\$	36.000	\$	336,000	\$	67,200	\$	403,200
1	Asphalt/playground surface repairs		LS	\$	150,000	\$	150,000	\$,	\$	21,600	\$	201,600		40,320	\$	241,920
1	Exterior painting	1	LS	\$	225,000	\$	225,000	\$		\$	32,400	\$	302,400		60,480	\$	362,880
1	Interior finishes	62,740	SF	\$	5	\$		\$	62,740	\$	45,173	\$	421,613	\$	84,323	\$	505,935
1	Electrical Infrastructure Upgrade	1	LS	\$	200,000	\$	200,000	\$	40,000	\$	28,800	\$	268,800	\$	53,760	\$	322,560
1	Exterior skin replacement	60,000	SF	\$	20	\$	1,200,000	\$	240,000	\$	172,800	\$	1,612,800	\$	322,560	\$	1,935,360
	Subtotal:					\$	2,338,700	\$	467,740	\$	336,773	\$	3,143,213	\$	628,643	\$:	3,771,855
	District Priorities For Schools																
1	Technology (flat screens/classroom tech/voice enhancement) Modernize existing Gym into Student Center/Cafeteria and	38	ROOMS	\$	6,500	\$	247,000	\$	49,400	\$	35,568	\$	331,968	\$	66,394	\$	398,362
1	Enclose Eating Area.	6,400	CE.	\$	150	\$	960,000	\$	192,000	¢	138,240	¢	1,290,240	¢	258,048	¢	1,548,288
1	New Stage and Kitchen	3,000		\$	550	\$,	\$	330,000		237,600		2.217.600		443,520		2.661.120
1	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	62,740		\$	15	\$	941,100	\$	188,220		135,518	\$, , , , , , ,	\$	252,968		1.517.806
1	21st Century Flexible Furniture	20,000		\$	10	\$. ,	\$	40,000		28,800	\$	268,800		53,760	\$	322,560
	2131 Certifoly Flexible Fortifiore	20,000	31	Ψ	10	Ψ	200,000	Ψ	40,000	Ψ	20,000	Ψ	200,000	Ψ	33,700	Ψ	322,300
	Subtotal:					\$	3,998,100	\$	799,620	\$	575,726	\$	5,373,446	\$	1,074,689	\$ (6,448,136
	Site Specific Projects / 21st Century Education																
1	High Impact Learning Studios	5,000		\$	250	\$	1,250,000	\$	250,000	\$	180,000	\$	1,680,000		336,000		2,016,000
1	Modernize existing Library into Innovation Space	4,256		\$	50	\$	212,800	\$	42,560		30,643	\$	286,003		57,201	\$	343,204
1	New Band Room	2,500		\$	400	\$		\$			144,000	\$			268,800		1,612,800
1	Natural Light/Solotubes		EA	\$	3,000	\$		\$	45,600		32,832	\$	306,432		61,286	\$	367,718
1	Outdoor Learning Environments	5,000		\$	20	\$	100,000	\$		\$	14,400	\$	134,400		26,880	\$	161,280
1	Shade Structures	1,000	SF	\$	50	\$	50,000	\$	10,000	\$	7,200	\$	67,200	\$	13,440	\$	80,640
1	New Boys and Girls Gym Lockers for 850 total	1	LS	\$	100,000	\$	100,000	\$	20,000	\$	14,400	\$	134,400	\$	26,880	\$	161,280
1	Flooring at room 308 (part of Interior finishs above)	1,500	SF	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
1	Add learning walls to room 306	1	LS	\$	18,000	\$	18,000	\$	3,600	\$	2,592	\$	24,192	\$	4,838	\$	29,030
1	Repair amphitheater at courtyard	2,000	SF	\$	50	\$	100,000	\$	20,000	\$	14,400	\$	134,400	\$	26,880	\$	161,280
3	Temporary Housing									•							
1	Synthetic field and rubberized track	1	LS	\$	1,500,000	\$	1,500,000	\$	300,000	\$	216,000	\$	2,016,000	\$	403,200	\$	2,419,200
	Subtotal:					\$	4,558,800	\$	911,760	\$	656,467	\$	6,127,027	\$	1,225,405	\$	7,352,433

Notes

1. This site is currently fully air conditioned.

2. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.

Novato High School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

Phase	District Basic Upgrades to Schools / Code Requirements	Quantity Uni	t (Cost/Unit	c	Construction Total	CO's 10% Cont 10%		calation 2	1	Expected Total Const Cost	S	oft Costs at 20%	1	Expected Project Total Cost
1	ADA path of travel walkways	1 LS	.\$	100,000	\$	100,000	\$ 	\$	14,400	\$	134,400	\$	26,880	\$	161,280
1	Asphalt/playground surface repairs	1 LS	\$	100,000			20,000		14,400	\$	134,400		26,880	,	161,280
1	Exterior painting	1 LS	\$	300,000				\$	43,200	\$	403,200	\$	80,640		483,840
1	Interior finishes	127,343 SF	\$	5	\$		127,343		91,687	\$	855,745	\$	171,149		1,026,894
1	Electrical Infrastructure Upgrade	1 LS	\$	250,000	\$	250,000	\$ 50,000	\$	36,000	\$	336,000	\$	67,200	\$	403,200
	Subtotal:				\$	1,386,715	\$ 277,343	\$	199,687	\$	1,863,745	\$	372,749	\$	2,236,494
	District Priorities For Schools														
1	Technology (flat screens/classroom tech/voice enhancement)	65 ROOMS		6,500	\$			\$	60,840	\$	567,840		113,568	\$	681,408
1	Air-conditioning	127,343 SF	\$	25	\$		636,715		458,435	\$	4,278,725	\$	855,745		5,134,470
	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	127,343 SF	\$	15	\$			\$	275,061		2,567,235	\$	513,447		3,080,682
1	21st Century Flexible Furniture	42,448 SF	\$	10	\$	424,477	\$ 84,895	\$	61,125	\$	570,497	\$	114,099	\$	684,596
	Subtotal:				\$	5,940,697	\$ 1,188,139	\$	855,460	\$	7,984,296	\$	1,596,859	\$	9,581,156
	Site Specific Projects / 21st Century Education														
1	High Impact Learning Studios	19,200 SF	\$	100	\$		384,000	\$	276,480	\$	2,580,480	\$	516,096	\$	3,096,576
1	Modernize existing Library into Innovation Space	4,387 SF	\$	25	\$,		\$	15,793	\$	147,403	\$,	\$	176,884
1	Performing Arts Center with Art Gallery (450 seats)	18,000 SF	\$	650		11,700,000			1,684,800		15,724,800		3,144,960	\$	18,869,760
1	Replace Existing Portable Classrooms (9)	10,368 SF	\$	450	\$			\$	671,846		6,270,566			\$	7,524,680
1	Reclaim existing science labs into classrooms (Learning Studios)	9,600 SF	\$	125	\$		240,000		172,800		1,612,800	\$	322,560		1,935,360
1	Outdoor Learning Environments	10,000 SF	\$	20	\$			\$	28,800	\$	268,800	\$	53,760		322,560
1	Shade Structures	1,000 SF	\$	50	\$	50,000	\$ 10,000	\$	7,200	\$	67,200	\$	13,440	\$	80,640
1	New Auxillary Gym	6,800 SF	\$	450	\$	3,060,000	\$ 612,000	\$	440,640	\$	4,112,640	\$	822,528	\$	4,935,168
1	New weight room	1,500 SF	\$	300	\$	450,000	\$ 90,000	\$	64,800	\$	604,800	\$	120,960	\$	725,760
1	Modernize existing Gym	24,000 SF	\$	50	\$	1,200,000	\$ 240,000	\$	172,800	\$	1,612,800	\$	322,560	\$	1,935,360
3	Temporary Housing														
1	Landscaping and irrigation improvements	1 ALLOW	\$	100,000	\$	100,000	\$ 20,000	\$	14,400	\$	134,400	\$	26,880	\$	161,280
1	Replace synthetic turf at Football Field	1 LS	\$	400,000	\$	400,000	\$ 80,000	\$	57,600	\$	537,600	\$	107,520	\$	645,120
1	Synthetic turf field – Soccer	1 EA	\$	1,000,000	\$	1,000,000	\$ 200,000	\$	144,000	\$	1,344,000	\$	268,800	\$	1,612,800
1	Fencing	1 ALLOW	\$	75,000	\$	75,000	\$ 15,000	\$	10,800	\$	100,800	\$	20,160	\$	120,960
	Subtotal:				\$	26,130,275	\$ 5,226,055	\$ 3	3,762,760	\$3	5,119,090	\$	7,023,818	\$	42,142,908

Notes:

1. This site is designated to be fully air conditioned to achieve parity with San Marin High School.

2. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.

San Marin High School

WLC Architects, Inc. April 13, 2016

OPTION 3 - High Impact Learning Focus

PHASE 1

						Construction	CO's 10%	Fe	scalation 2		Expected Total Const	Sof	ft Costs at	Expected Project Total
Phase	District Basic Upgrades to Schools / Code Requirements	Quantity	Unit	Cost/Unit	Ι,	Total	Cont 10%		ears at 6%		Cost		20%	Cost
1	ADA path of travel walkways	1	LS	\$ 100,000	\$	100,000	\$ 20,000	\$	14,400	\$	134,400	\$	26,880	\$ 161,280
1	Asphalt/playground surface repairs	1	LS	\$ 100,000	\$	100,000	\$ 20,000	\$	14,400	\$	134,400	\$	26,880	\$ 161,280
1	Interior finishes	150,000	SF	\$ 5	\$	750,000	\$ 150,000	\$	108,000	\$	1,008,000	\$	201,600	\$ 1,209,600
1	Electrical Infrastructure Upgrade	1	LS	\$ 250,000	\$	250,000	\$ 50,000	\$	36,000	\$	336,000	\$	67,200	\$ 403,200
1	Exterior skin replacement	100,000	SF	\$ 20	\$	2,000,000	\$ 400,000	\$	288,000	\$	2,688,000	\$	537,600	\$ 3,225,600
1	Drainage near 400 wing, 500 wing and student center	1	ALLOW	\$ 75,000	\$	75,000	\$ 15,000	\$	10,800	\$	100,800	\$	20,160	\$ 120,960
1	Roof Replacement	1	LS	\$ 1,766,482	\$	1,766,482	\$ 353,296	\$	254,373	\$	2,374,152	\$	474,830	\$ 2,848,982
	Subtotal:				\$	5,041,482	\$ 1,008,296	\$	725,973	\$	6,775,752	\$ 1	1,355,150	\$ 8,130,902
	District Priorities For Schools													
1	Technology (flat screens/classroom tech/voice enhancement)		ROOMS	1 .,		,	\$ 65,000		46,800	\$	436,800		87,360	\$ 524,160
1	PA / Central Clock, Bell, Speakers / Security / IT Infrastructure	116,947		\$ 15	\$		\$		252,606	\$	2,357,652		471,530	\$ 2,829,182
1	21st Century Flexible Furniture	38,982	SF	\$ 10	\$	389,823	\$ 77,965	\$	56,135	\$	523,923	\$	104,785	\$ 628,707
	Subtotal:				\$	2,469,028	\$ 493,806	\$	355,540	\$	3,318,374	\$	663,675	\$ 3,982,049
	Site Specific Projects / 21st Century Education													
1	High Impact Learning Studios (Building D)	11,408	SF	\$ 100	\$	1,140,800	\$ 228,160	\$	164,275	\$	1,533,235	\$	306,647	\$ 1,839,882
1	Modernize existing Library into Innovation Space	8,203	SF	\$ 25	\$	205,075	\$ 41,015	\$	29,531	\$	275,621	\$	55,124	\$ 330,745
1	Renovate 700 building for STEM program (Maker Spaces)	11,641	SF	\$ 100	\$	1,164,100	\$ 232,820	\$	167,630	\$	1,564,550	\$	312,910	\$ 1,877,460
1	New STEM Center (10 Labs/Classrooms and Prep)	22,400	SF	\$ 450	\$	10,080,000	\$ 2,016,000	\$	1,451,520	\$	13,547,520	\$ 2	2,709,504	\$ 16,257,024
	Reclaim Existing Science Building B into Academy Classrooms													
1	which replaces existing portable classrooms.	11,563		\$ 150			\$	\$	249,761	\$	2,331,101		466,220	\$ 2,797,321
1	Natural Light/Solotubes	100		\$ 3,000	\$		60,000		43,200	\$	403,200		80,640	\$ 483,840
1	Outdoor Learning Environments	10,000		\$ 20	\$		40,000		28,800	\$	268,800		53,760	\$ 322,560
1	Shade Structures	2,000	SF	\$ 50	\$	100,000	\$ 20,000	\$	14,400	\$	134,400	\$	26,880	\$ 161,280
1	Modernize existing Gym	10,000	SF	\$ 100	\$	1,000,000	\$ 200,000	\$	144,000	\$	1,344,000	\$	268,800	\$ 1,612,800
1	Modernize existing Performing Arts Center	6,855		\$ 150		, ,	\$ 205,650		148,068	\$	1,381,968		276,394	\$ 1,658,362
1	Modernize Art/Music Building I	9,706	SF	\$ 150			\$	\$	209,650		1,956,730		391,346	\$ 2,348,076
1	New Auxillary Gym	6,800	SF	\$ 450	\$	3,060,000	\$ 612,000	\$	440,640	\$	4,112,640	\$	822,528	\$ 4,935,168
3	Temporary Housing				'							•		
1	Replace synthetic turf at Football Field		LS	\$ 400,000	\$		\$ 80,000	\$	57,600	\$	537,600		107,520	\$ 645,120
1	New Synthetic turf field – soccer and baseball		EA	\$ 2,000,000	\$		\$,	\$	288,000	\$	2,688,000		537,600	\$ 3,225,600
1	Fencing at baseball field	1,200	LF	\$ 50	\$	60,000	\$ 12,000	\$	8,640	\$	80,640	\$	16,128	\$ 96,768
	Subtotal:				\$	23,928,575	\$ 4,785,715	\$	3,445,715	\$3	32,160,005	\$ 6	6,432,001	\$ 38,592,006

Notes:

1. This site is fully air conditioned.

2. Approximately one third of classrooms are to be upgraded to High Impact Learning Studios with 21st Century Flexible Furniture including the Innovation Center.