



Mountain View
Whisman
School District

Challenges: Future Growth

Board of Trustees - October 24, 2019

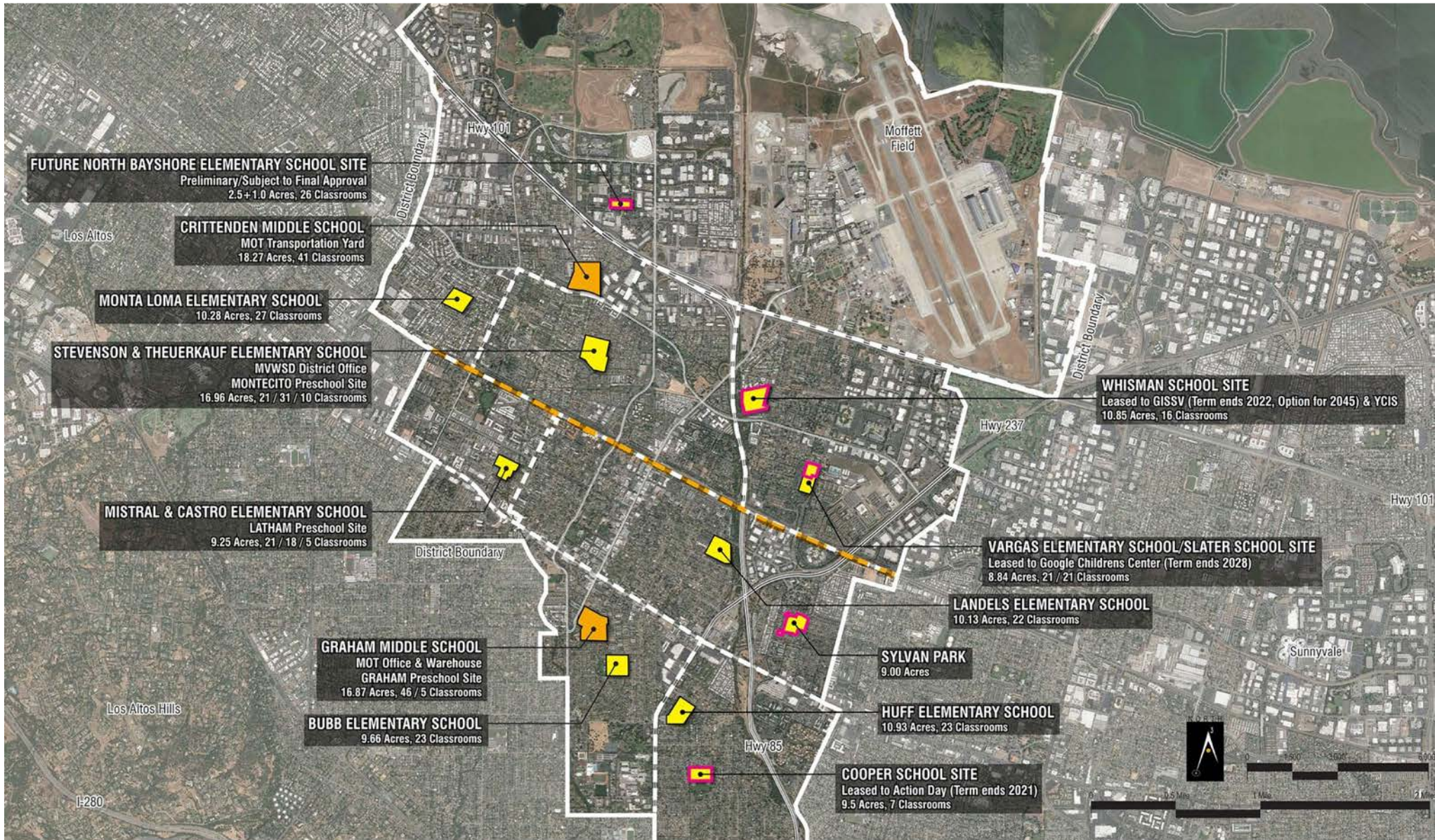




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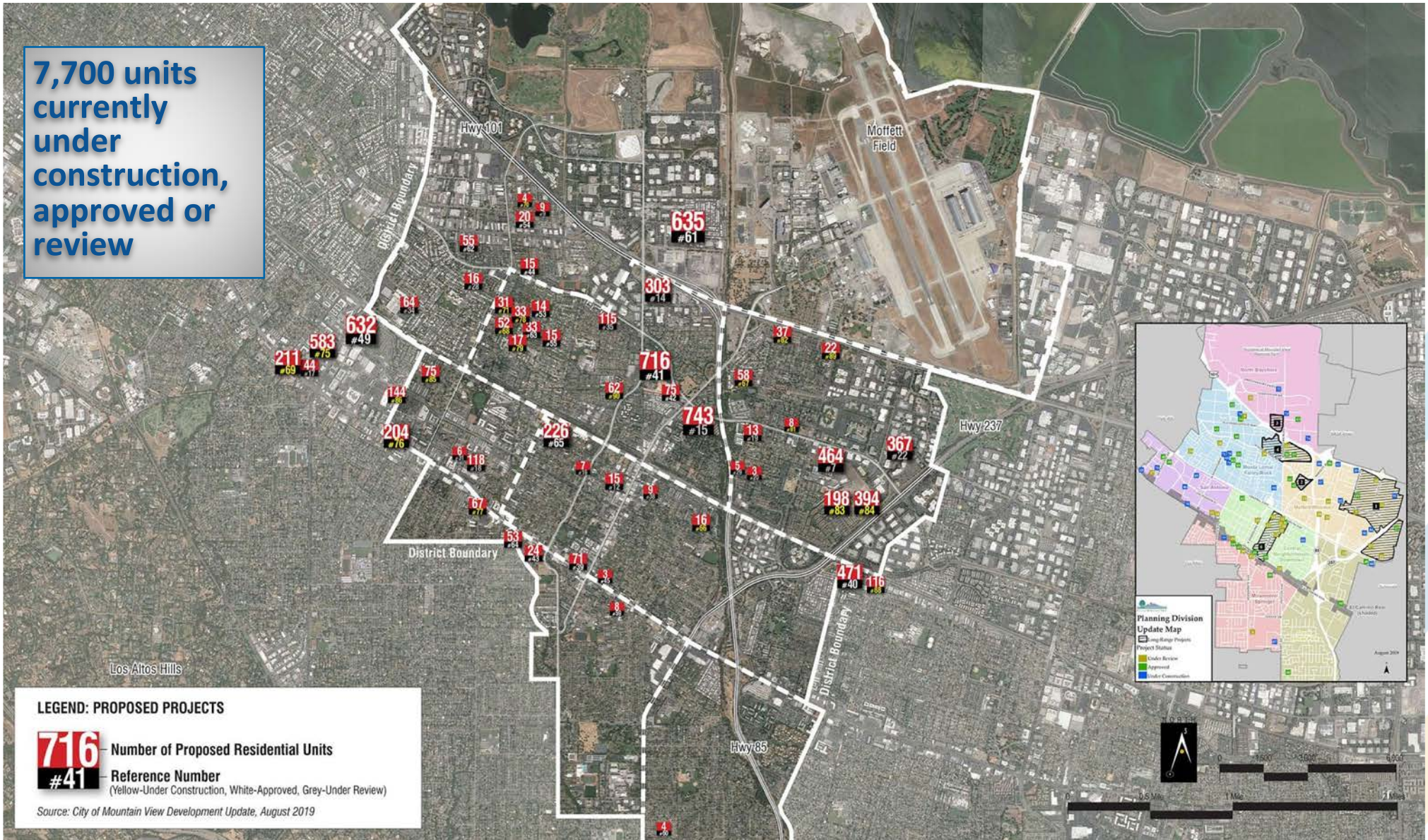
Demographics and Planning

School sites

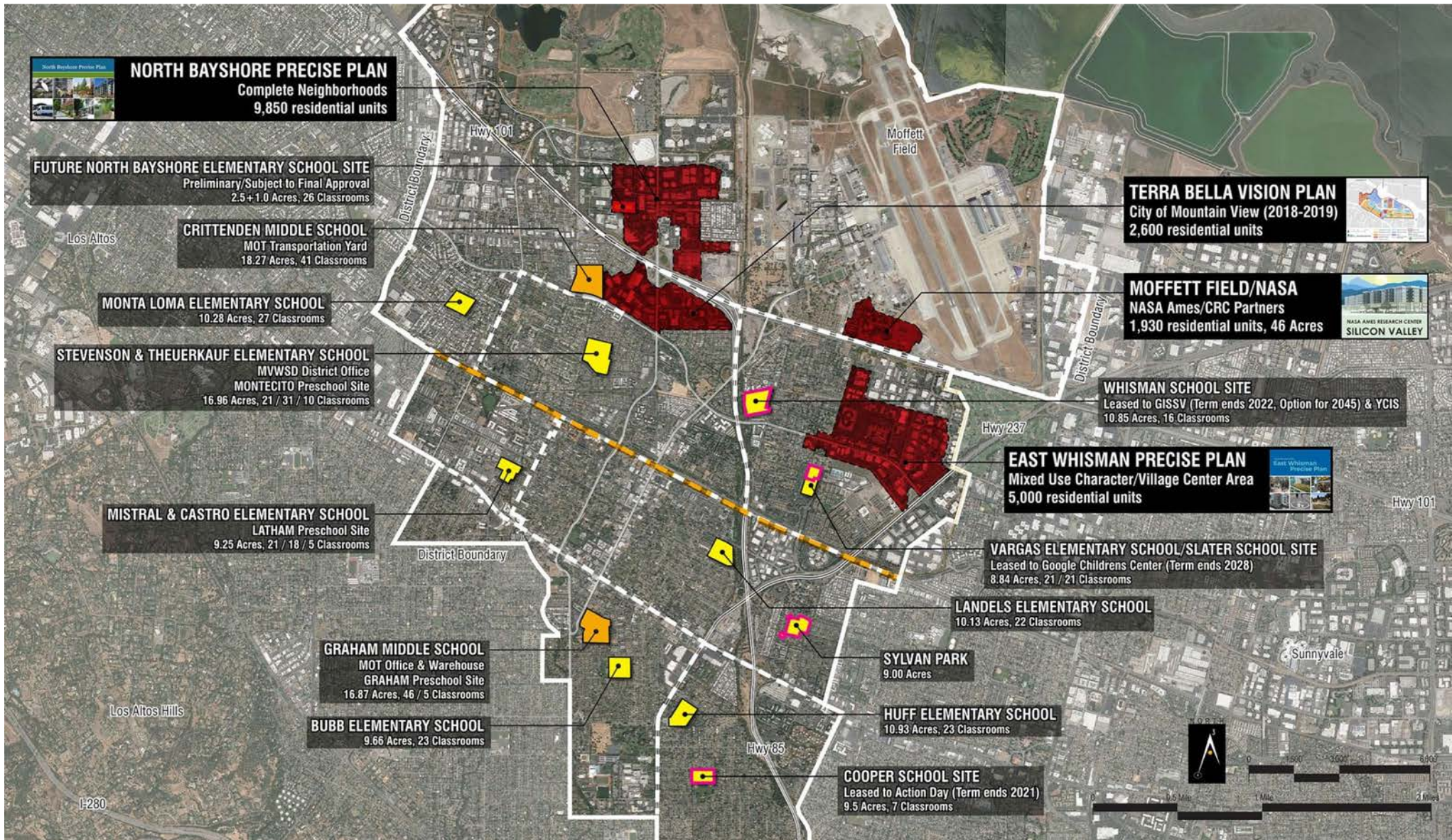


Future residential growth - all active locations

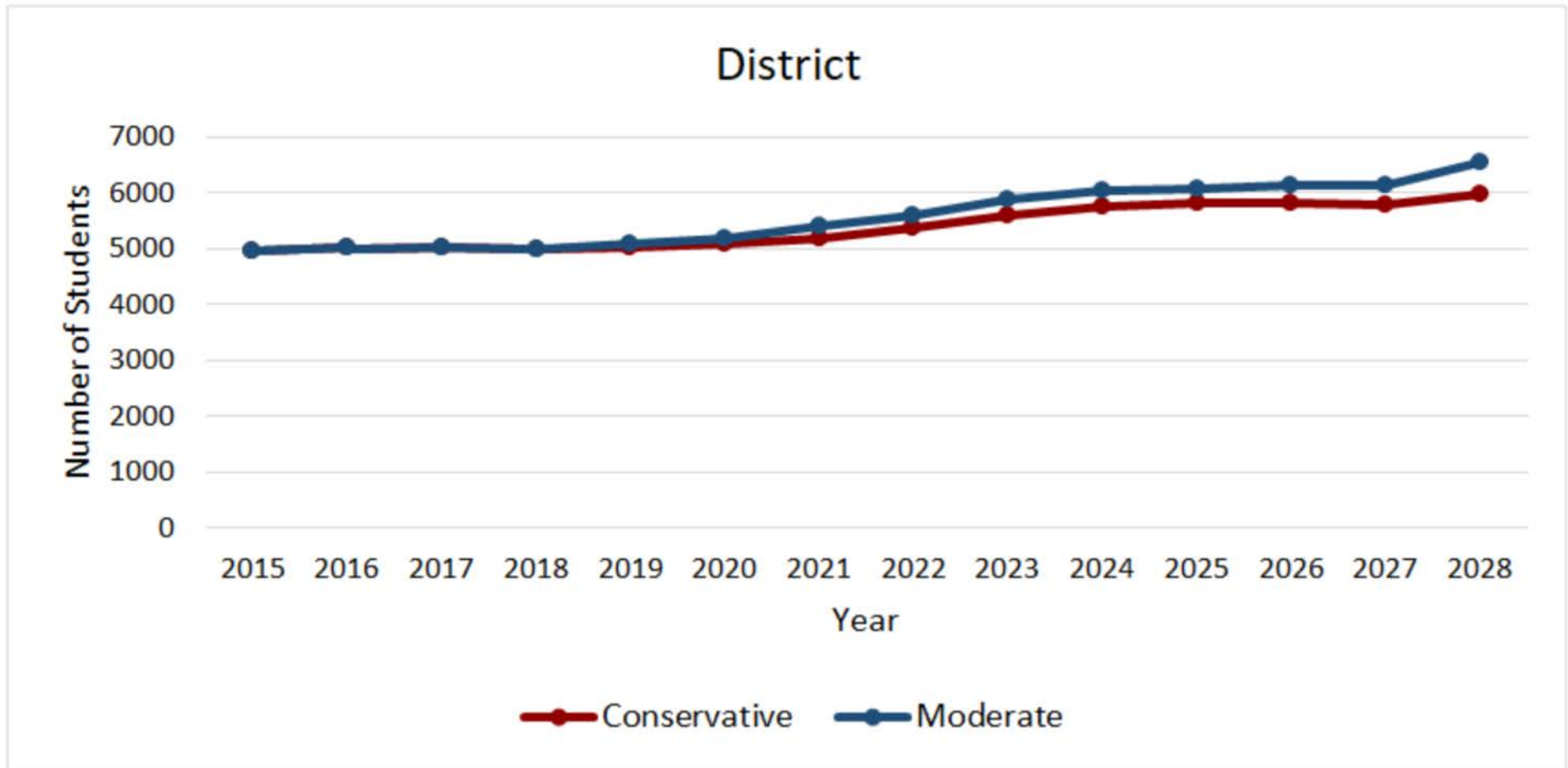
7,700 units currently under construction, approved or review



Future higher density residential growth areas



If growth stops today = 1,000 students



If residential growth stops today, there would still be a net increase of 1,000 additional students enrolled in MVWSD schools

Enrollment Growth

- Within 3 to 5 years
 - 7,700 Residential Units now under review, approved, or under construction
- Within 10 to 20 years
 - Up to 20,000 Residential Units
 - Concentrated in higher density residential growth areas in north and northeast (North Bayshore, East Whisman, Terra Bella, Moffett Field)
- Additional 2,448 Students (K-8)
 - 1,512 Elementary School, 936 Middle School



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Looking at School Capacity

Challenges-Enrollment Growth

- Within 3 to 5 years
 - Existing capacity can absorb near-term growth
- Within 10 to 20 years
 - Need capacity for 2+ Elementary Schools and 1,000 more Middle School seats
- Density of existing schools varies
 - From 1.9 to 4.7 Classrooms/Acre
- Growth concentrated in North/Northeast

Realistic capacity

School Sites	Site Area <i>Acres</i>	Classrooms <i>No.</i>	Density <i>Classroom/ acre</i>	Enrollment <i>Capacity*</i>	Enrollment <i>Existing**</i>	Capacity <i>Surplus/ Deficit</i>
<i>ELEMENTARY SCHOOL SITES</i>						
Huff ES	10.93	20	1.83	488	546	(58)
Landels ES	10.16	18	1.77	504	446	58
Bubb ES	9.66	21	2.17	432	475	(43)
Stevenson ES <small>(includes DO portables)</small>	16.96	29	3.01	460	430	30
Theuerkauf ES	16.96	22	3.01	672	332	340
Monta Loma ES	10.28	19	1.85	460	342	118
Vargas ES	8.84	20	4.52	492	293	199
Mistral ES	9.25	16	3.14	392	379	13
Castro ES	9.25	13	3.14	312	327	(15)
		178		4,212	3,570	642
<i>MIDDLE SCHOOL SITES</i>						
Crittenden MS	18.27	36	1.97	1,008	647	361
Graham MS***	16.87	42	2.49	1,176	861	315
		78		2,184	1,508	676
Capacity Surplus/Deficit						1,318

School Capacity (District-Wide)

- Realistic Capacity
 - Total of 178 Elementary School & 78 Middle School classrooms
 - Existing enrollment: 3,570 ES & 1,508 MS Students
 - Available capacity now: 642 ES & 676 MS Spaces (total of 1,318 spaces)
 - Concentrated at Theuerkauf ES, Monta Loma ES, Crittenden MS, Graham MS
 - Need to plan for 2,500 new students



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Seeking feedback on how to address growth

Ways to accommodate growth

- Some existing surplus capacity
 - Near-term flexibility
- Ongoing land negotiations in high growth areas
 - New school properties in North Bayshore & East Whisman
- Build new schools
- Existing leased properties
 - Lease terms end incrementally up to 2028

Challenge 1- Growth Elementary School Level

- Potential solutions
 - New schools in North Bayshore & East Whisman
 - Reuse leased properties
 - Expand capacity of existing schools (i.e. Bubb, Huff, Landels) & redraw school boundaries
 - Add 100 seats/4 Classrooms at Bubb, Huff & Landels
 - Grade-level schools
 - Lower & upper elementary schools

Challenge 2- Growth Middle School Level

- Identify site for New Middle School
- Recapitalize/redesign Graham & Crittenden
- Convert all elementary to K-6 grade



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Facilities: Priorities Identified by Sites/ Support Staff

Priority for Facilities Needs

Recapitalizing Existing Campuses

- Priority 1
 - Growth, Safety, Energy Efficiency
 - Growth
 - Safety
 - Lighting, fencing, access control, remote supervision, storage, drinking fountains
 - Energy Efficiency
 - HVAC, solar, windows, environmental systems (reduce heat islands)

Challenge 3- SFIP Recapitalizing Existing Campuses

- Priority 2
 - Collaborative & Outdoor Learning Spaces
 - Playgrounds
 - Utilities
- Priority 3
 - Aesthetics, Signage
- Priority 4
 - Reconfiguring Schools/Site Efficiencies

Bubb Elementary SFIP/Redevelopment Area

PRIORITY 3: Covered Walkways

Condition-Based Repairs

PRIORITY 2: Site Lighting

Safety Lighting @ Parking & Playground

PRIORITY 2: Technology Upgrade

Fiber Optic (OM4) & Copper Cabling (Cat6a)

PRIORITY 2: Utility Condition Survey & Repairs

Campus

PRIORITY 1: Window Replacement

Bldgs. 3-6

PRIORITY 2 Collaborative Instructional Spaces

Bldgs. 3, 4, 5

PRIORITY 2: Outdoor Learning Classrooms

Open Spaces @ Bldgs. 3, 4, 5

PRIORITY 1: Replace HVAC

Bldgs. 3, 4, 5

PRIORITY 3: Roof Repair

Bldgs. 1-6

Long-Term Redevelopment Site

Rebuild Admin/Classroom Bldg, add 4 classrooms, reconfigure Hans Ave. frontage (e.g. pickup/dropoff, parking, rebuild playgrounds, add solar)

PRIORITY 3: Restroom Modernization

Bldgs. 3, 4 & 5

PRIORITY 1: New Restrooms

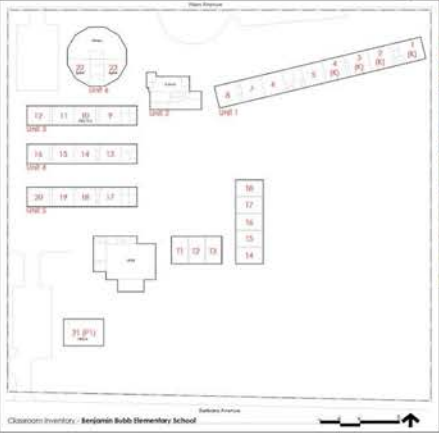
Playfield (After Hours)

PRIORITY 3: Pedestrian Trail around Playfield

Playfield

PRIORITY 1: Fences & Gates

Frontage @ Bubb Park, Barbara Ave., Hans Ave.



Castro Elementary SFIP/Redevelopment Area

PRIORITY 1: Library Expansion
Bldg. G

PRIORITY 2: Upper Level Covered Walkway
Bldg. C

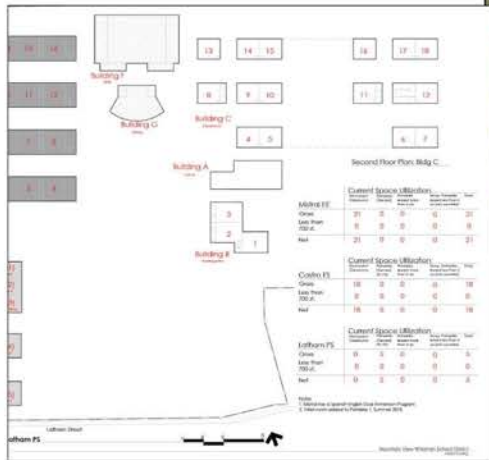
PRIORITY 1: Shade Structure with Solar
Playground

PRIORITY 1: Fences & Gates (After Hours)
Frontage @ Playground

PRIORITY 1: Staff Parking
Open Area @ Bldg. C

PRIORITY 1: Storage Expansion
Bldgs. A, B, C, F, G

PRIORITY 1: Admin Support Services/Offices
Bldgs. A & G



PRIORITY 1: Fences & Gates
Frontage @ Latham St/Castro Park

Crittenden Middle SFIP/Redevelopment Area

PRIORITY 2: Technology Upgrade
Fiber Optic (OM4) & Copper Cabling (Cat6a)

PRIORITY 1: New Shade Structure
Courtyard

PRIORITY 3: Outdoor Landscaped Areas
Courtyard & Areas between Bldgs. 100/200/300

PRIORITY 3: Railing Replacement
Playground/Playfield

PRIORITY 1: Fences & Gates
Frontage @ Rock St, Middlefield Road Parking/Pickup/Dropoff

Long-Term Redevelopment Site
Build new 2-Story Admin/MURPE/Classroom complex, reconfigure Middlefield Rd. frontage, add signage/marquis. Add 2 net classrooms (increase from 8 to 10). Demo Bldgs. 500/700/800/900/1000.

PRIORITY 1: Frontage Improvements
Middlefield Road Parking/Pickup/Dropoff

Long-Term Redevelopment Site
Build new 2-Story STEM Classroom complex. Add 7 net classrooms (increase from 13 to 20). Demo Bldg. 200

Long-Term Redevelopment Site
Build new 2-Story Classroom complex. Add 9 net classrooms (increase from 11 to 20). Demo Bldgs. 100/300.

PRIORITY 1: Electrical Upgrade
New Servicing Gear/Breakers-Expand Capacity

PRIORITY 3: A-V/Sound System Upgrade
Bldg. 600 (Auditorium)

PRIORITY 1: Security System Upgrade
PA System-Remote Access



Building	Area	Condition	Notes
Bldg 100	100	Good	
Bldg 200	200	Good	
Bldg 300	300	Good	
Bldg 400	400	Good	
Bldg 500	500	Good	
Bldg 600	600	Good	
Bldg 700	700	Good	
Bldg 800	800	Good	
Bldg 900	900	Good	
Bldg 1000	1000	Good	
Bldg 1100	1100	Good	
Bldg 1200	1200	Good	
Bldg 1300	1300	Good	
Bldg 1400	1400	Good	
Bldg 1500	1500	Good	
Bldg 1600	1600	Good	
Bldg 1700	1700	Good	
Bldg 1800	1800	Good	
Bldg 1900	1900	Good	
Bldg 2000	2000	Good	

PRIORITY 2: Utility Condition Survey & Repairs
Campus

Graham Middle SFIP/Redevelopment Area

PRIORITY 3: Covered Walkways

PRIORITY 2: Bike Enclosure

Playground

PRIORITY 1: Shade Structure with Solar

Playground, Courtyards

PRIORITY 1: Fences & Gates (After Hours)

Playground Edge @ Bldgs. 3/4/6/8/12/14

PRIORITY 1: Solar Array

Playground

PRIORITY 2: Gym Modernization

Mountain View Sports Pavilion (City)

PRIORITY 2: Locker Room Modernization

Mountain View Sports Pavilion (City)

Long-Term Redevelopment Site

Build new 2-Story Admin/Staff/MUR-Kitchen Complex (8 Classrooms)
Create Landscaped Courtyards, Reconfigure Parking/Pickup/Dropoff
Demo Bldgs. 1/2/4/8/9

PRIORITY 1: Fences & Gates

Perimeter @ Castro Ave/Driveways/Parking

PRIORITY 2: Technology Upgrade

Copper Cabling (Cat6a) & Interior Classroom Cabling

PRIORITY 1: Window Replacement

Bldgs. 1-6, 8, 9, 11-13

PRIORITY 1: Replace HVAC

Bldgs. 2-6, 8, 11, 12

PRIORITY 2: Roof Repairs

Bldgs. 1-6, 9, 11, 13, 17



Long-Term Redevelopment Site

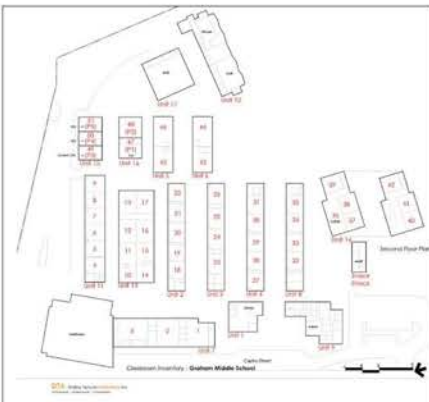
Build new 2-Story Classroom Complex (20 Classrooms)
Convert Bldg. 17 (MUR) to Library
Demo MOT, Preschool and Bldg. 12

PRIORITY 2: Arts Classroom Modernization

Bldgs. 5, 6-Industrial Arts/Home Economics

PRIORITY 2: Utility Condition Survey & Repairs

Campus



Huff Elementary SFIP/Redevelopment Area

PRIORITY 1: Fences & Gates
Frontage @ Martens Ave., Playfield Entry Paths

PRIORITY 1: Window Replacement
Bldgs. 3-6

PRIORITY 1: Replace HVAC
Bldgs. 3-5

PRIORITY 2: Outdoor Learning Classrooms
Open Spaces @ Bldgs. 3-5

PRIORITY 3: Restroom Modernization
Bldgs. 3, 4 & 5

PRIORITY 1: Site Lighting
Safety Lighting @ Parking & Playground

PRIORITY 2: Technology Upgrade
Fiber Optic (OM4) & Copper Cabling (Cat6a)

PRIORITY 2: Roof Repair
Bldgs. 3-6

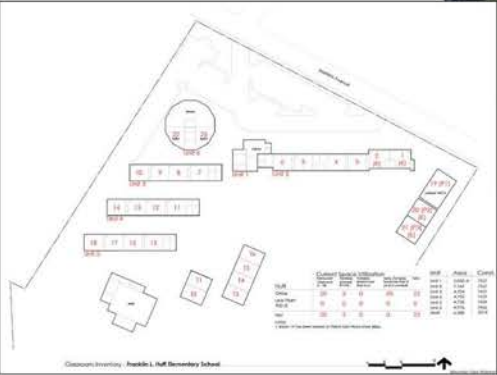
Potential Long-Term Redevelopment Site
Rebuild Admin/Classroom Bldg., add 4 classrooms, reconfigure Hans Ave frontage (e.g., pickup/dropoff, parking, rebuild playgrounds, add solar).

PRIORITY 1: Shade Structure with Solar
Playground

PRIORITY 2: Utility Condition Survey & Repairs
Campus

PRIORITY 3: Covered Walkways

PRIORITY 1: New Restrooms
Playfield (After Hours)



Landels Elementary SFIP/Redevelopment Area

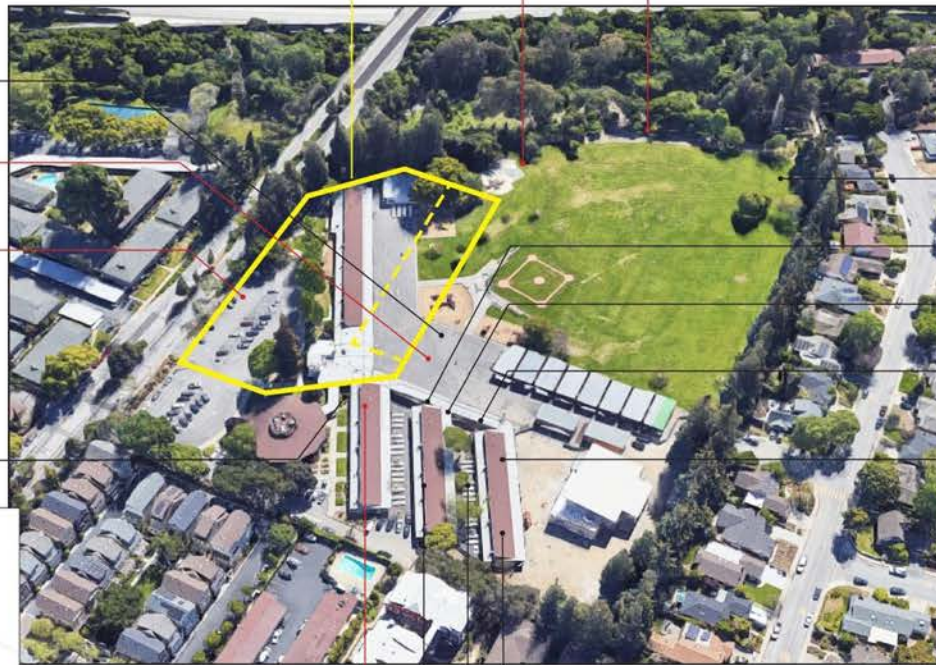
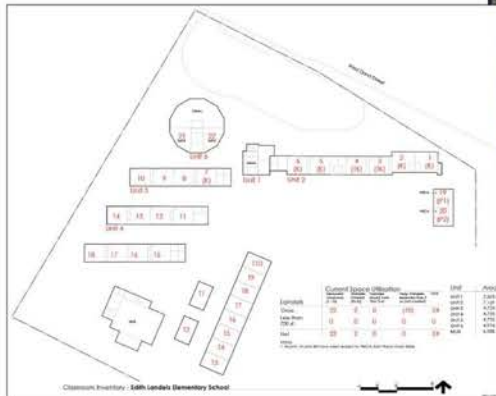
Potential Long-Term Redevelopment Site
 Rebuild Admin/Classroom Bldg, add 4 classrooms, reconfigure Hans Ave frontage (e.g. pickup/dropoff, parking, rebuild playgrounds, add solar).

PRIORITY 2: Utility Condition Survey & Repairs
 Campus

PRIORITY 1: Shade Structure with Solar
 Playground

PRIORITY 1: Site Lighting
 Safety Lighting @ Parking & Playground

PRIORITY 2: Technology Upgrade
 Fiber Optic (OM4) & Copper Cabling (Cat6a)



PRIORITY 1: New Restrooms
 Playfield (After Hours)

PRIORITY 1: Fences & Gates
 Frontage @ Creek Trail, West Dana Ave.

PRIORITY 3: Pedestrian Trail around Playfield
 Playfield

PRIORITY 2: Replace Drinking Fountains

PRIORITY 3: Restroom Modernization
 Bldgs 3-5

PRIORITY 3: Covered Walkways

PRIORITY 2: Roof Repair
 Bldgs. 3-6

PRIORITY 1: Replace HVAC
 Bldgs. 3-5

PRIORITY 3: Window Replacement
 Bldgs. 3-6

PRIORITY 2: Collaborative Instructional Spaces
 Bldgs. 3-5

PRIORITY 2: Outdoor Learning Classrooms & Landscaped Areas
 Bldgs. 3-5

Mistral Elementary SFIP/Redevelopment Area

PRIORITY 3: Covered Walkways

PRIORITY 2: Replace Drinking Fountains
Bldgs. H, J, K, L

PRIORITY 2: Utility Condition Survey & Repairs
Campus

PRIORITY 4: Rebuild Classroom Buildings
Replace existing 1-story classroom with 2-story classroom buildings

PRIORITY 1: Shade Structure with Solar
Playground

PRIORITY 1: Window Replacement
Bldgs. H, J, K, L, N, P

PRIORITY 1: Fences & Gates (After Hours)
Frontage @ Playground

PRIORITY 2: Collaborative Instructional Spaces
Bldgs. H, J, K, L

PRIORITY 2: Outdoor Learning Classrooms
Open Spaces @ Bldgs. H, J, K, L, M, P

PRIORITY 3: Restroom Modernization
Bldgs. H, J, K, L

PRIORITY 1: Replace HVAC
Bldgs. H, J, K, L, N, P

PRIORITY 2: Roof Repair/Replacement
Bldgs. H, J, K, L, N, P

PRIORITY 2: Technology Upgrade
Fiber Optic (OM4) & Copper Cabling (Cat6a)

PRIORITY 3: Outdoor Landscape/Playground
Demo/Remove Latham Preschool Portables, New Landscape/Play Area

PRIORITY 2: Modernize Administration Bldg.
Bldg. N



PRIORITY 1: Fences & Gates
Frontage @ Escuela Ave. & Latham St/Castro Park

PRIORITY 1: Solar Array
Parking



Monta Loma Elementary SFIP/Redevelopment Area

PRIORITY 2: Collaborative Instructional Spaces
Bldgs. A-C, F-H, L, N

PRIORITY 2: Outdoor Learning Classrooms
Courtyards

PRIORITY 1: Window Replacement
Bldgs. A-H, K-N, P

PRIORITY 1: Plumbing Network Repairs
Campus

PRIORITY 2: Utility Condition Survey & Repairs
Campus

PRIORITY 2: Parking Asphalt Overlay
Staff Parking

PRIORITY 4: Reconfigure Campus
All Buildings

PRIORITY 2: Library/Lab Adaptive Reuse
Bldg. M

PRIORITY 2: Playground Modernization
Open Spaces from Bldg. L-to-P

PRIORITY 2: Classroom Storage Expansion
Bldgs. A-C, F-H, L, N, P

PRIORITY 1: Fences & Gates
Monta Loma Park, Rear Park Entrances

PRIORITY 2: K-Playground
K-Play Area

PRIORITY 2: Technology Upgrades
Bldgs. E to A-D, F-H, K-N, P

PRIORITY 1: Replace HVAC
Bldgs. A-D, F-H, L-N, P

PRIORITY 1: Admin Support Services/Offices
Bldgs. E & M

PRIORITY 1: Shade Structure
Courtyard Area @ Bldgs. K/P

PRIORITY 1: Fences & Gates (After Hours)
Bldg. P @ Playgrounds/Courtyards

PRIORITY 2: Restroom Modernization



PRIORITY 3: Covered Walkways

Building	Area	Cont.	Mod.
Building A	1000	1000	2017
Building B	1000	1000	2017
Building C	1000	1000	2017
Building D	1000	1000	2017
Building E	1000	1000	2017
Building F	1000	1000	2017
Building G	1000	1000	2017
Building H	1000	1000	2017
Building I	1000	1000	2017
Building J	1000	1000	2017
Building K	1000	1000	2017
Building L	1000	1000	2017
Building M	1000	1000	2017
Building N	1000	1000	2017
Building O	1000	1000	2017
Building P	1000	1000	2017

Stevenson Elementary SFIP/Redevelopment Area



PRIORITY 3: MUR Modernization & A-V Upgrades

Bldg. F

PRIORITY 1: Solar Array

Buildings B & C

PRIORITY 1: Shade Structure with Solar
Playground/Courtyard

PRIORITY 2: Outdoor Learning Classrooms & Landscaped Areas

PRIORITY 2: Technology Upgrades

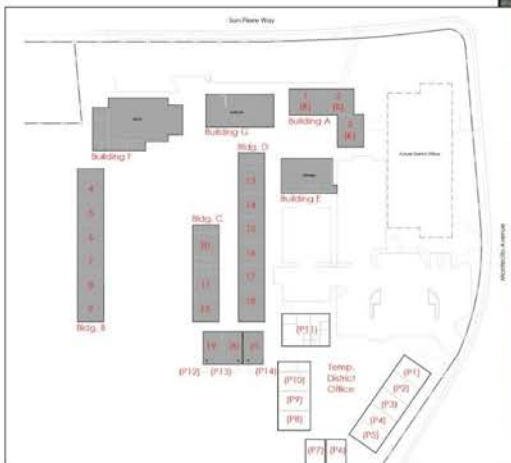
Bldg. E

PRIORITY 1: Storage Expansion

Bldgs. B, C, D, G

PRIORITY 1: Fences & Gates

Frontage @ Playground/Stevenson Park



Theuerkauf Elementary SFIP/Redevelopment Area

PRIORITY 3: Structural Upgrade

Bldg. F

PRIORITY 2: Technology Upgrade

Copper Cabling (Cat6a), Classroom Cabling (WAP, TV)

PRIORITY 1: Replace HVAC

Bldgs. C-H, P1-P4

PRIORITY 1/3: Utility Condition Survey & Repairs

Campus

PRIORITY 1: Window Replacement

Bldgs. A, C-H

PRIORITY 3: Landscape Improvements

Frontage @ San Luis Ave.

PRIORITY 2: Collaborative Instructional Spaces

Bldgs. C, D, E, G

PRIORITY 1: Electrical Upgrade

Campus Switchgear

PRIORITY 2: Outdoor Learning Classrooms

Courtyards @ Bldgs. B-G

PRIORITY 2: Roof Repair

Bldgs. A, C-H

PRIORITY 2: K-Playground

Outdoor Area @ Bldgs. D & P1-P4

PRIORITY 1: Fences & Gates

Frontage @ Playground/Stevenson Park

PRIORITY 1: Pickup/Dropoff

Pickup/Dropoff/Parking @ Theuerkauf & Preschool

PRIORITY 3: Library Modernization

Bldg. H



PRIORITY 1: Shade Structure with Solar

Playground

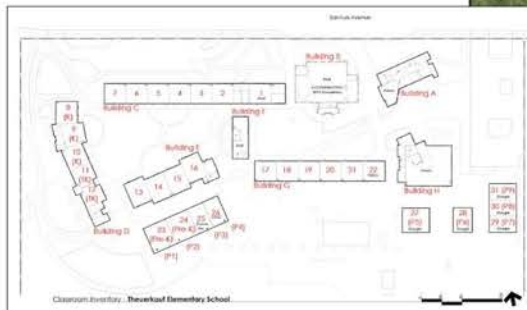
PRIORITY 2: Restroom Modernization

Bldgs. C, D, H

PRIORITY 2: Grade 1-5 Playground

PRIORITY 1: Asphalt Overlay

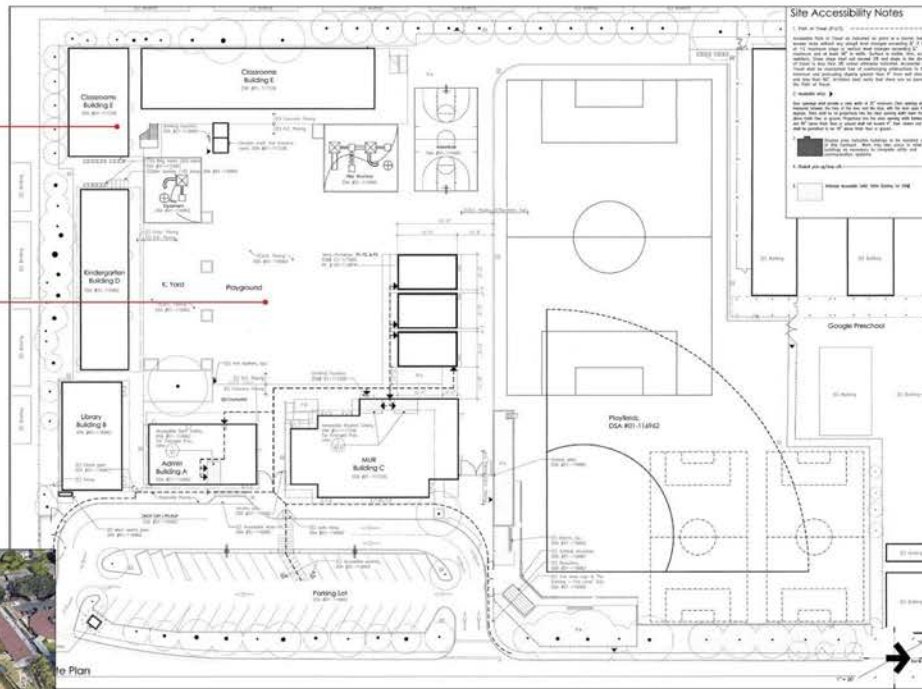
Playground



Vargas Elementary SFIP/Redevelopment Area

PRIORITY 1: Storage Expansion
Bldgs. D, E

PRIORITY 1: Shade Structure with Solar
Playground/Courtyard





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Next steps

Tasks ahead

- District working with City on school strategy; % of development to go to new schools
- Develop a 10-year master facilities plan that accommodates growth while prioritizing the work ahead based on needs and input
- Board of Trustees considering bond issue for March 3 ballot to raise capital for facilities
- Conduct outreach with all stakeholders