Mountain View
Whisman
School District

Measure T Phase 1 Construction Update

May 20, 2021

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School District

Board Goals

Strategic Plan 2021
Goal 5 Resource Stewardship

- Goal 5: Students, staff and community members will have access to various resources, such as technology, facilities, furniture, equipment, etc., in a fiscally responsible manner, to fulfill the mission of MVWSD.

Strategic Plan 2027
Goal Area 5: Equitable Distribution of Resources that Support Student Success

- Goal 5a: Ensure facilities and resources equitably serve all students

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Master Facility Plan

Master Facilities Plan

- Board approved a 10-year master facilities plan that accommodates growth while prioritizing the work ahead based on needs and input.
- The plan was approved on December 12th, 2019 prior to Measure T passing.
- New MFP continues the planning efforts of the former 2010 plan
- Solid foundation for student growth and upgrades to infrastructure
- Informs Bond Measure T

Master Facilities Plan Feedback

- All schools' stakeholders met to discuss the Master Facility Plan
  - All school communities discussed potential solutions
    - New schools in North Bayshore & East Whisman
    - Reuse leased properties
    - Expand capacity of existing schools
    - Redraw school boundaries
    - Grade level schools
- Includes feedback from community in online ThoughtExchange

Master Facilities Plan

- MFP describes how MVWSD will modernize and utilize existing school campuses for:
  - Safety and operational efficiency
  - Short-term growth
  - Long-term growth

Where we left off: Measure G

- Bond Measure G passed in 2012 - $198 million
- Other funding sources, such as Certificates of Participation (COP) and lease revenue - an available budget of $264 million
- Old facilities plan documented $422 million worth of capital projects
- ***Not every need could be accomplished with Measure G***

Where we left off: Measure G

	Year Built	Year Upgrade	Capital Projects (Measure G, 2010 SFIP)	Major Actions not Completed
ELEMENTARY SCHOOL CAMPUSES				
Bubb Elementary School (2017-2018)	1953	2017-2018	Phase 0: Install Temporary Classrooms (8) Phase 1: New MUR Phase 2: Modernize Bldgs. 1-6 (Admin/Classrooms/Library)	HVAC, Roofs, Playgrounds, Windows, Paving
Castro Elementary School	2017	-	Phase 1: Install Temporary Classrooms (20) Phase 2: New Bldgs. A, B, C, D, F, G (Admin/Classrooms/MUR/Library)	Flex Rooms, Staff Parking, Shade Structure, Storage, 2nd Level Covered Walkway
Huff Elementary School	1958	2017-2018	Phase 0: Install Temporary Classrooms (6) Phase 1: New MUR Phase 2: Modernize Bldgs. 1-6 (Admin/Classrooms/Library)	HVAC, Shade Structure, Roofs, Playgrounds, Windows, Paving
Landels Elementary School	1959	2017-2018	Phase 0: Install Temporary Classrooms (10) Phase 1: New MUR Phase 2: Modernize Bldgs. 1-6 (Admin/Classrooms/Library)	HVAC, Shade Structure, Roofs, Playgrounds, Windows, Paving
Mistral Elementary School	1947	2017-2018	Phase 1: Install Temporary Classrooms (20) Phase 3: Modernize Bldgs. H, J, K, L (Classrooms) Phase 4: New Bldg. M (K-Classroom), Modernize Bldg. P (Classrooms)	Bldg. N Modernization (Admin), HVAC, Shade Structure, Roofs, Windows
Monta Loma Elementary School	1955	2016-2017	Phase 0: Install Temporary Classrooms (2) Phase 1: Bldg. K Modernization/Addition (MUR) Phase 2: Modernize Bldgs. A, B, C, F, G, H, L, N, P (Classrooms) Phase 3: Modernize Bldgs. D & E (Admin, Staff), Reroof bldgs. A-C/F-H/L/N/P	HVAC, Shade Structure, Playgrounds, Windows, Paving, Bldg. L Modernization (Library), Plumbing (Site)
Stevenson Elementary School	2018	-	Phase 0: Install Temporary Classrooms (14) & Temp District Office (11) Phase 1: New Bldgs. A, B, C, D, F, G (Admin/Classrooms/MUR), Modernize Bldg. E (Library)	Landscaping, Shade Structure, Storage
Theuerkauf Elementary School	1952	2018-2019	Phase 1: Increment 1: Modernize Bldgs. A, C, D, E, F, G, P (Admin/Classrooms) Phase 1: Increment 2: Bldg. B Modernization/Addition (MUR)	HVAC, Bldg. H Modernization (Library), Plumbing (Site), Shade Structure
Vargas Elementary School	2019	-	Phase 1: New Bldgs. A, B, D (Admin/Library/K-Classroom) Phase 2: New Bldg. E (2-Story Classrooms) Phase 3: New Bldg. C (MUR)	Landscaping, Shade Structure, Storage
MIDDLE SCHOOL CAMPUSES				
Crittenden Middle School	1948	2014-2016	Phase 1: Modernize Bldgs. 100, 200, 300, 500, 700, 900 (Classrooms) Phase 2: New Bldg. 400 (2-Story Innovation Center/Library/Classrooms) Phase 3: New Bldg. 600 (Auditorium) Phase X: Modernize District Kitchen (Bldg. 800)	Modernization of Bldgs. 800 (MUR), 1000 (Locker Rooms), 1100 (Gym); Shade Structure
Graham Middle School	1957	2014-2016	Phase 1: Modernize Bldgs. 2, 3, 4, 5, 6, 7, 8, 9, 11, 13 (Admin/Classrooms) Phase 1.5: New Bldg. 14 (2-Story Innovation Center/Classrooms) Phase 2: Modernize Bldgs. 1, 12, 17 (Library/MUR/Kitchen) Phase 3: New Auditorium (Bldg. 7b) & Frontage/Driveway Improvements Phase 4: Modernize Courtyard (@ Bldg. 7)	Landscaping, Shade Structure

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Measure T

Funding the Master Facilities Plan

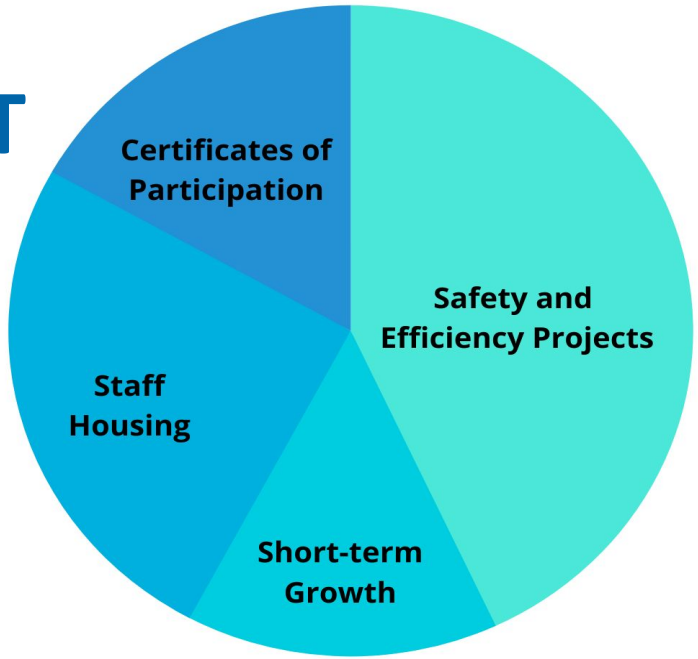
- March 3, 2020 Bond Measure T could be spent on:
  - Growth, Safety, Operational Efficiency
  - Short-term growth solutions
  - Staff housing
  - Repayment of Vargas Elementary construction
- Bond language is limited to 75 words and is broadly written to incorporate any projects that may be needed
  - Example: The addition of bi-polar ionization that the Board directed the District to add due to current conditions as part of safety upgrades.

What a $259 million Bond Would Fund

Priority 1 Short-Term Growth: $34.8 million

- 2-story addition to Landels
- Extra permanent portable at Huff
- Storage at Castro, Stevenson and Vargas

2020 Measure T budget



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Facilities Priorities:

Short-term growth, operational efficiency and safety

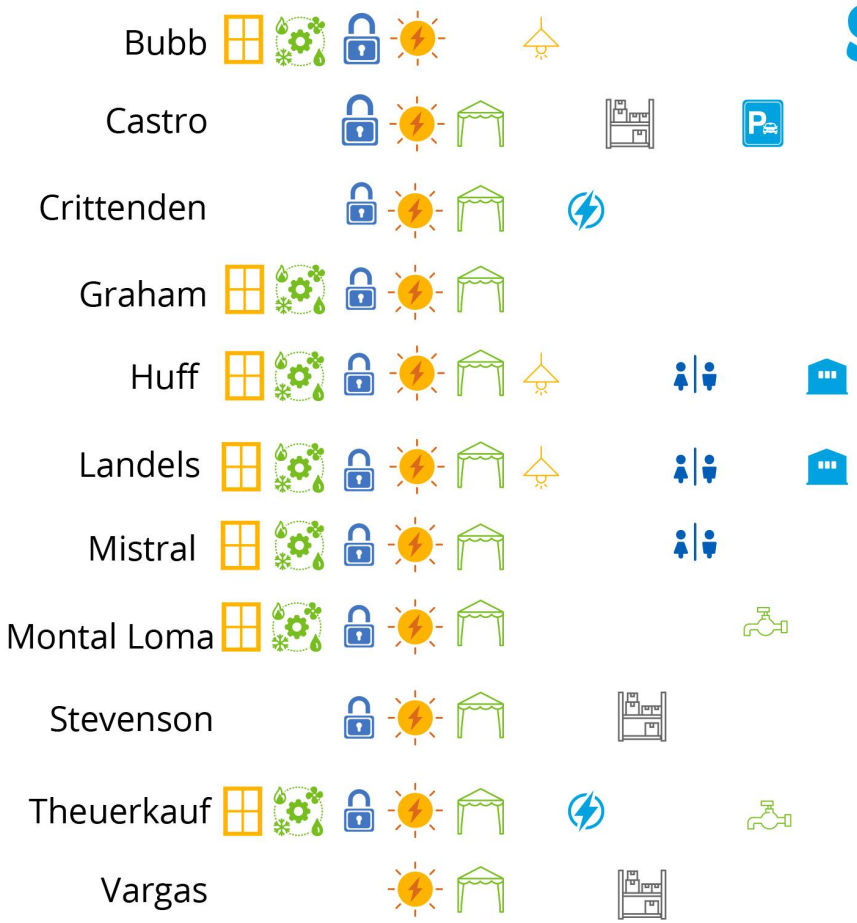
What Does This Mean for Our Schools?

Even though MFP identifies many projects to be done in the next 10 years, MVWSD has limited bond capacity. The MFP prioritizes:

- Safety and operational efficiency projects planned for all schools
  - Projects address facility needs identified in 2010
  - Some address evolving priorities
  - Short-term growth projects are proposed where substantial growth is occurring (e.g., Landels)

What Does This Mean for Our Schools?

IN 3-5 YEARS



PROJECTS
TOUCH EVERY SCHOOL

Safety

- Perimeter controls to monitor access onto campuses during school hours
- Improved site lighting in parking, playground and other areas
- Separate adult restrooms at playfields
- Add storage, removing hazards

Operational Efficiency

- Replace aging mechanical HVAC systems
- Replace windows with high-performing glass.
- Add shade structures
- Add solar arrays to offset electrical costs
- Repair site plumbing lines
- Upgrade electrical

Short-Term Growth

- Adding space to Landels and Huff, where the most short-term growth is predicted

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Update:
Active Measure T Projects by Site

Bubb

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.

Bubb

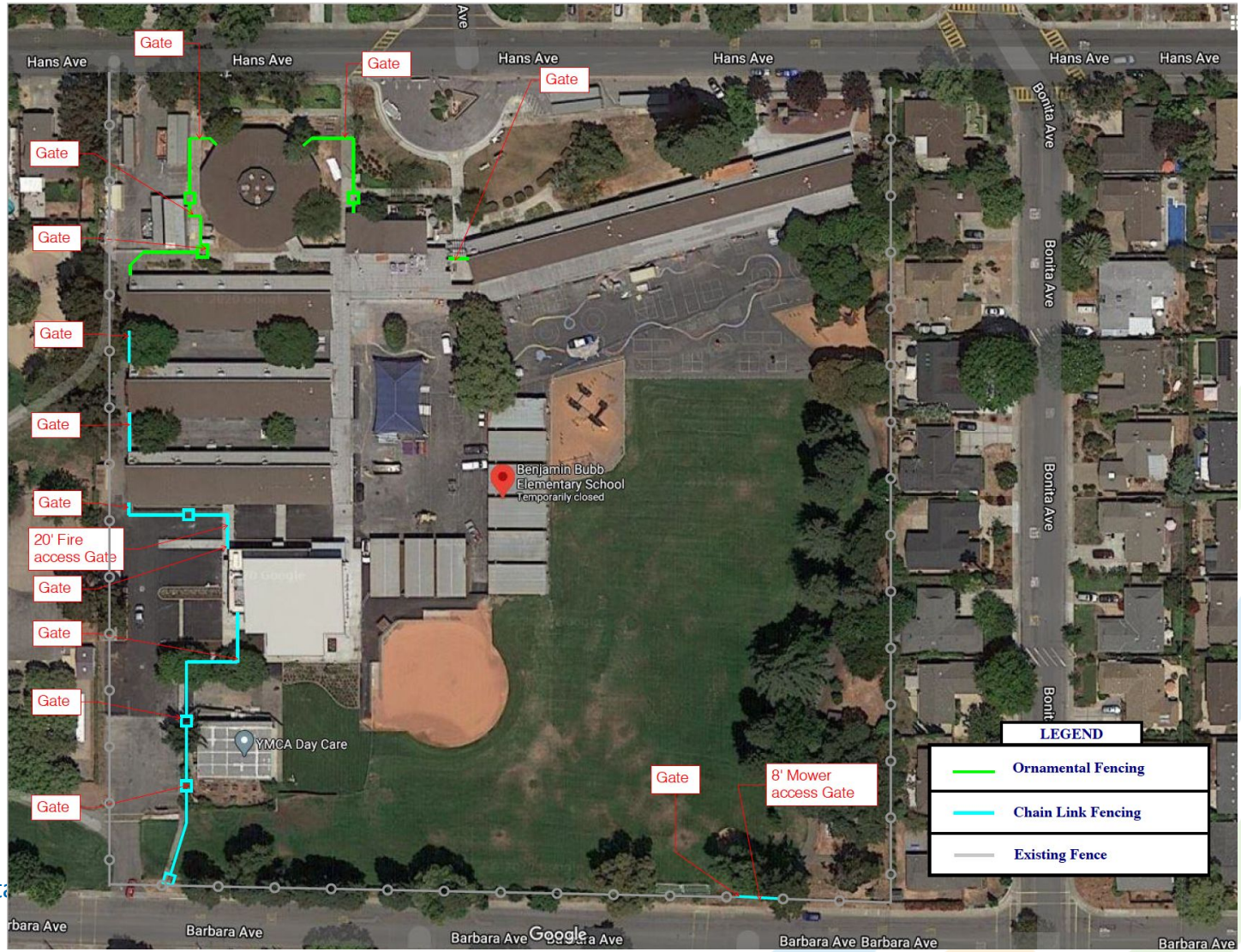
Solar

- Summer work (June to mid-August) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall work (mid-August to November) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

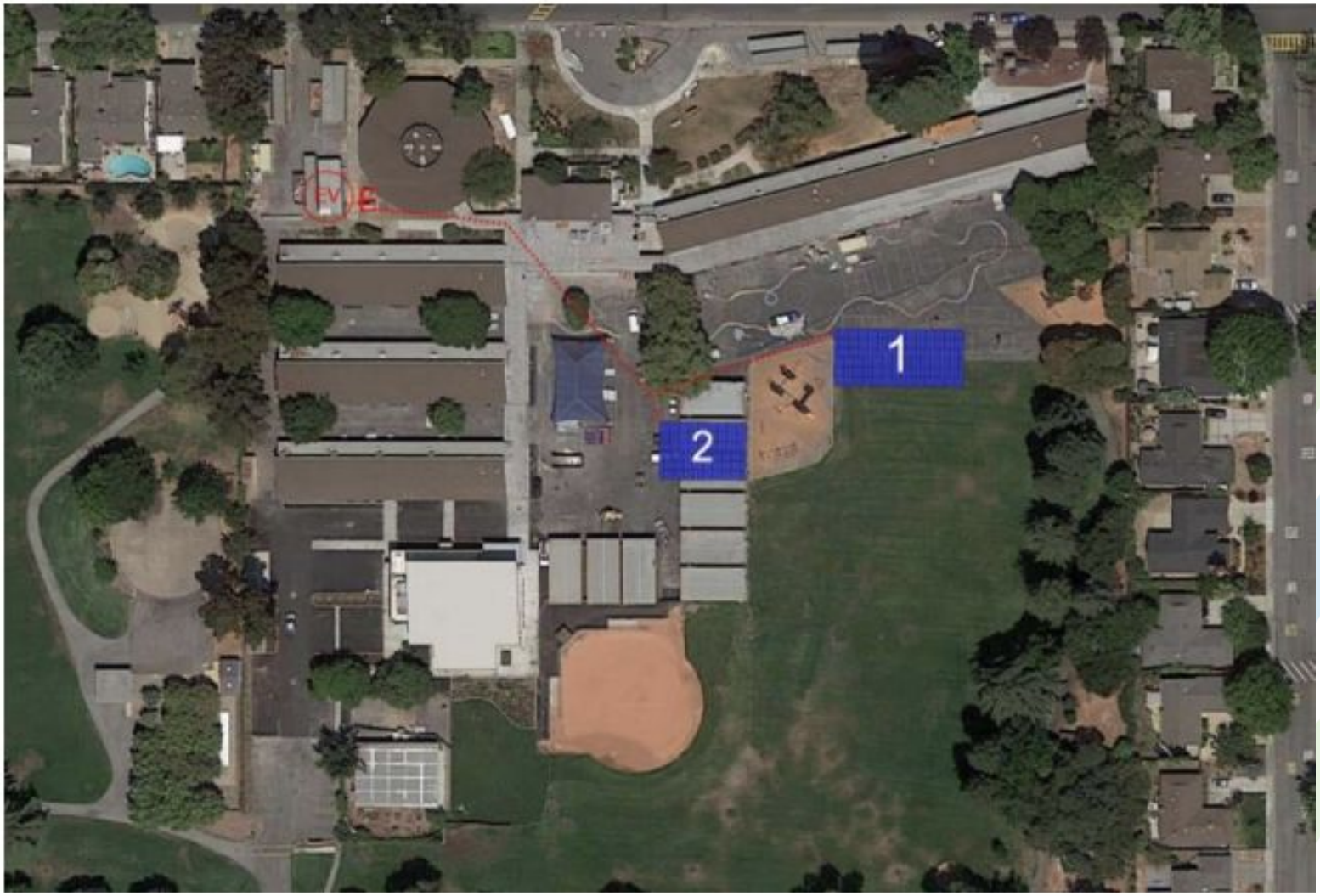
HVAC Project

- Contract duration is June to August 2021.
- Work will take place in mechanical closets and all classrooms, offices, MUR, etc. across the campus.

Bubb Perimeter Controls



Bubb Solar



Mou

Castro

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.

Castro

Solar

- Summer work (June to mid-August) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall work (mid-August to November) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

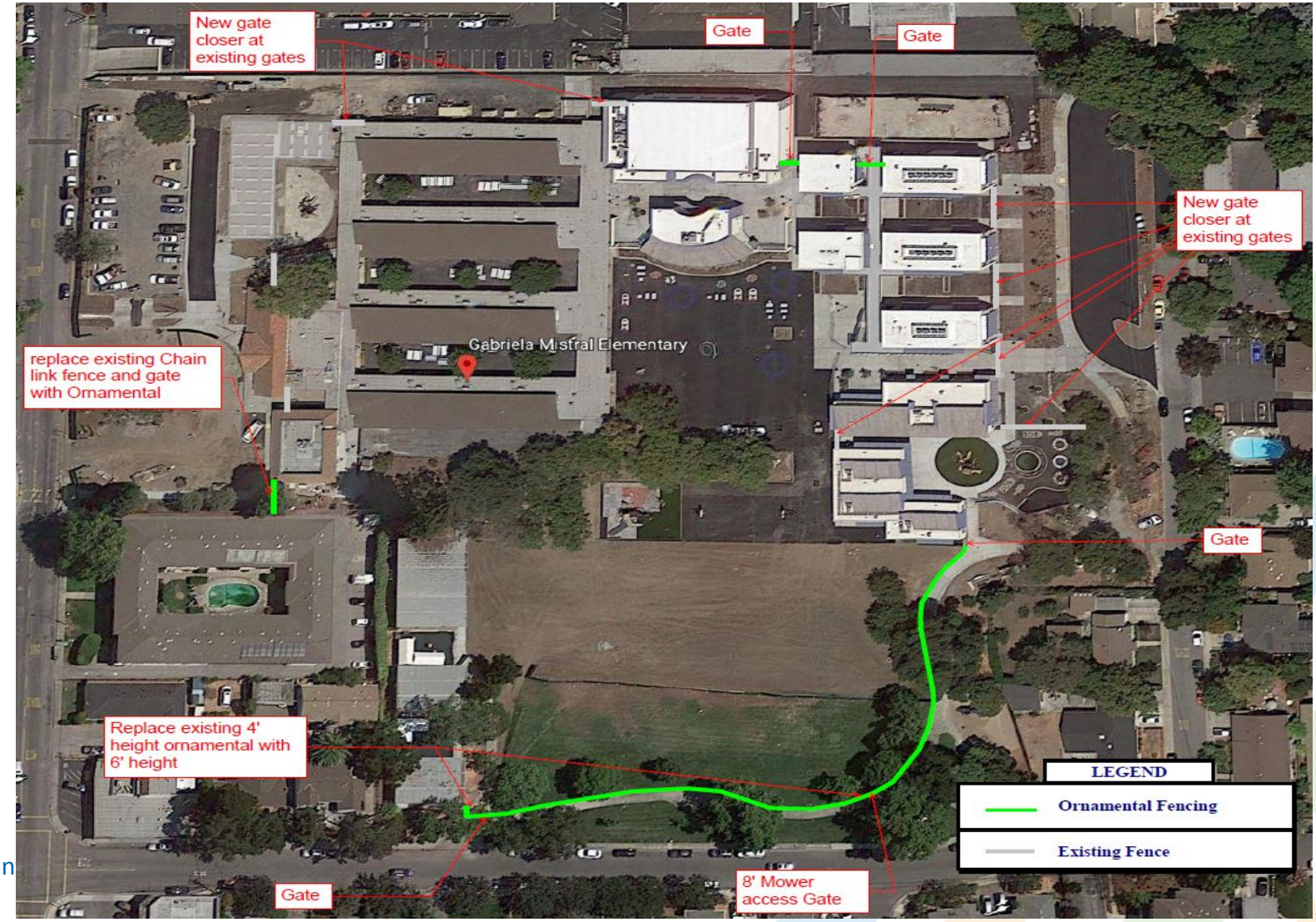
Paving Project

- Work onsite will take place from July to August 2021. The parking area adjacent to school and will be fenced off and off limits to staff/students during the duration of the project.

Park Restroom Project

- Construction scheduled for November 2021 to February 2022. More information will be presented on location and timelines.

Castro Perimeter Controls



Castro Solar

Castro Paving Project

Crittenden

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Upgrade Public Address (PA) system

- Work will begin in June and be completed by July 2021. Work will take place in all buildings and classrooms throughout the campus.

Crittenden

Marquee Installation

- Project will take place from late May to July 2021.
- The project will consist of installation of the sign at the Middlefield Rd entrance as well as boring for conduit installation from new sign location.

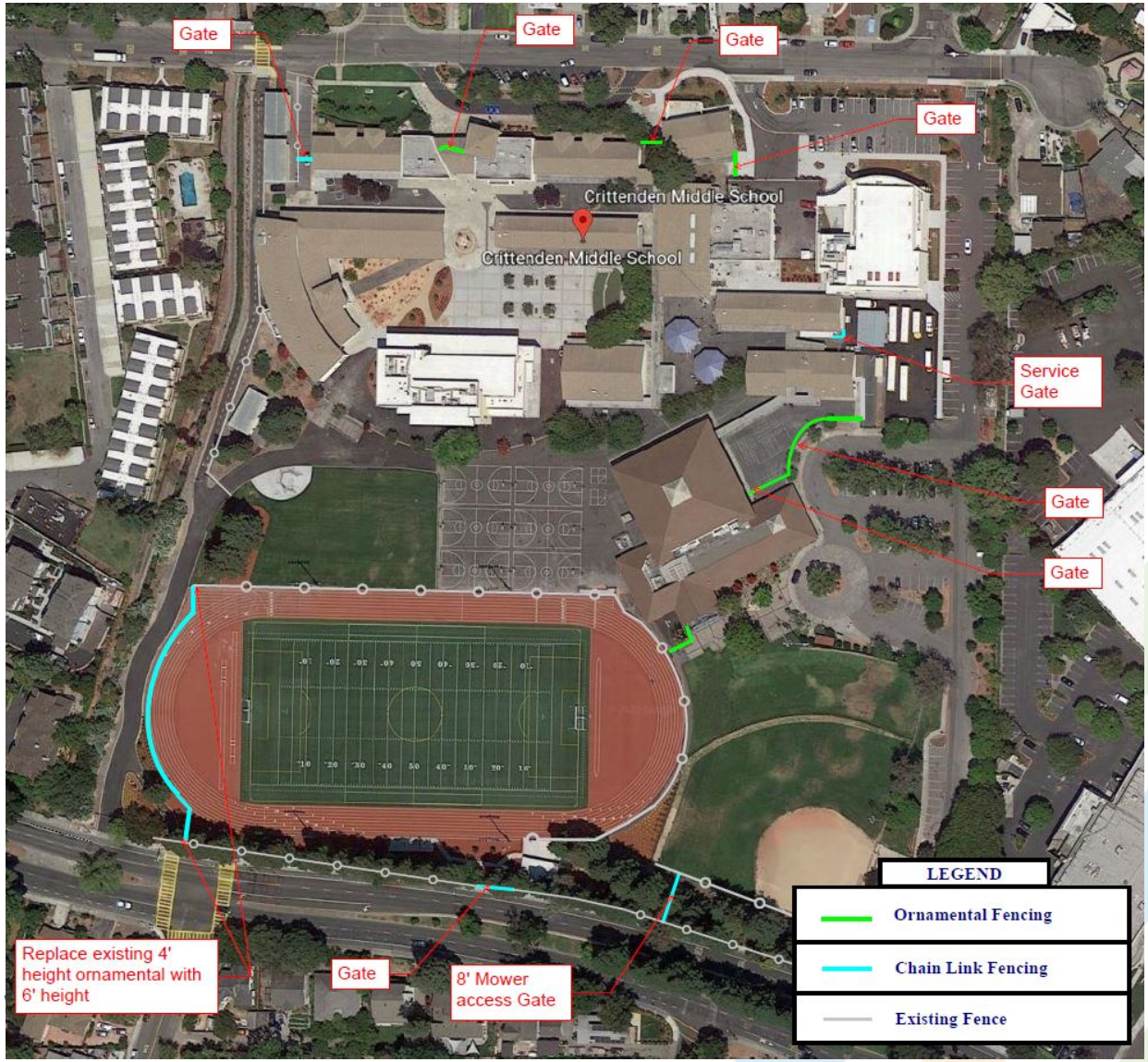
Electrical Upgrade Project

- Work to take place during the fall and will be performed off hours

Solar

- Solar work will take place in summer of 2022 due to rooftop arrays needing DSA approval.

Crittenden Perimeter Controls



Crittenden Marquee

Mountain View Whisman School District

CALA DTA

Proposed Sign Location
Monument Sign
Crittenden Middle School - Mountain View Whisman School District

January 5, 2020

Graham

- Perimeter Controls (Fencing Project)
  - Onsite work scheduled to begin in June. Work will take place on/off over the summer.
  - Electrical work will likely push into September/October.
- Solar Project
  - Planned to begin in June 2021 and be completed by November 2021.
  - Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.
  - Summer work (June to mid-August) will be demolition, steel erection, PV module installation and trenching for electrical.

Graham

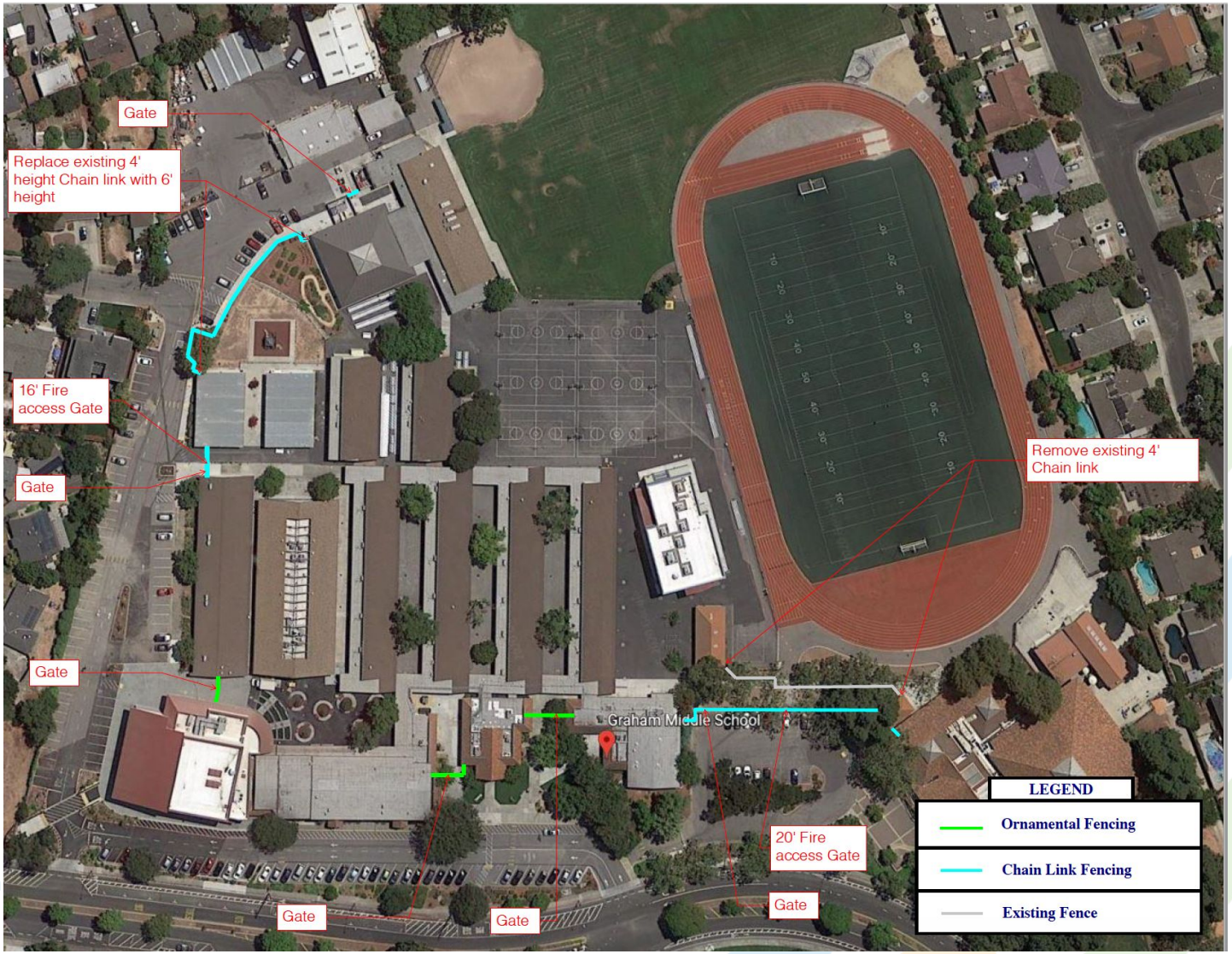
Solar

- Fall/Winter work (mid-August to January) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

HVAC Project

- Contract duration is June to August 2021.
- Work will take place in mechanical closets and all classrooms, offices, MUR, etc. across the campus.

Graham Perimeter Controls



Graham Solar

Huff

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.

Huff

Solar

- Summer work (June to end of July) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall/Winter work (mid-August to November) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

HVAC Project

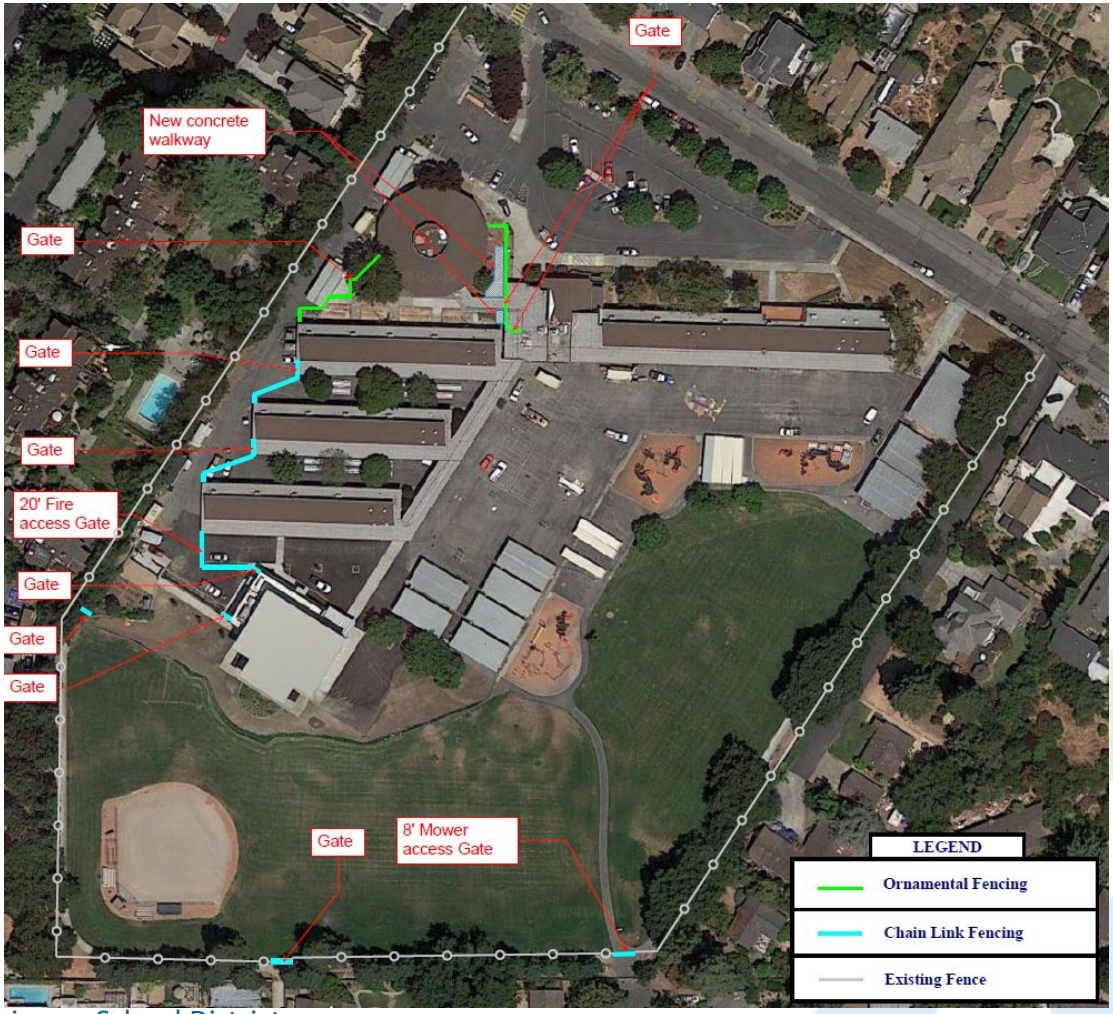
- Contract duration is June to August 2021.
- Work will take place in mechanical closets and all classrooms, offices, MUR, etc. across the campus.

Huff

Portable Project

- Pending DSA approval construction will take place from August to September 2021.
- Summer work would include demolition, utility installation and excavation for the new building foundation.
- Fall work will include placement of buildings (on weekend or off day for school), asphalt patching and final connections for buildings.

Huff Perimeter Controls



Huff Solar

Huff Portable

Frank L. Huff Elementary School
New Portable
Mountain View Whisman School District
12/09/20

HIBSER YAMAUCHI
Architects, Inc.

Landels

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.

Landels

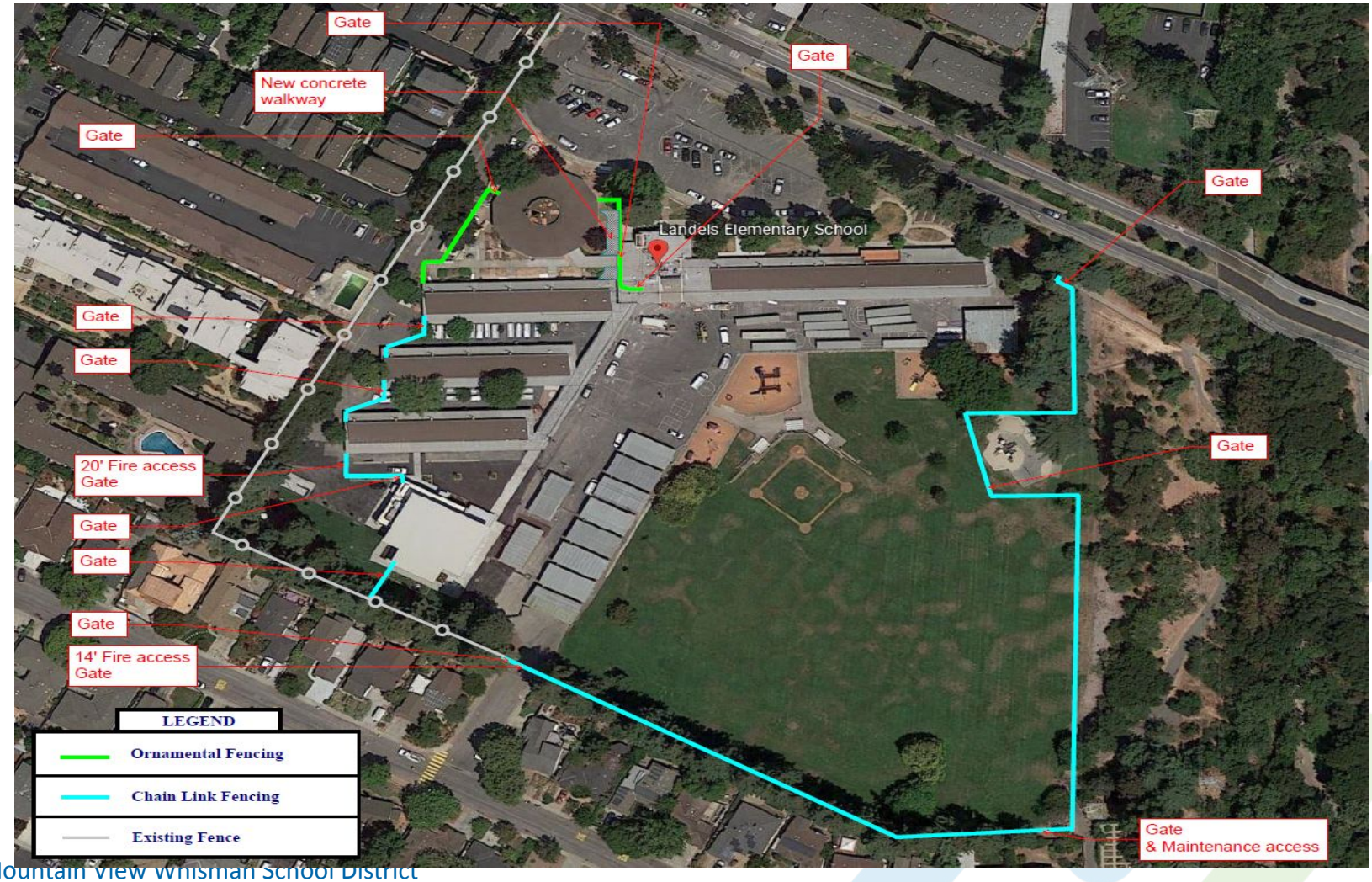
Solar

- Summer work (June to end of July) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall/Winter work (mid-August to November) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

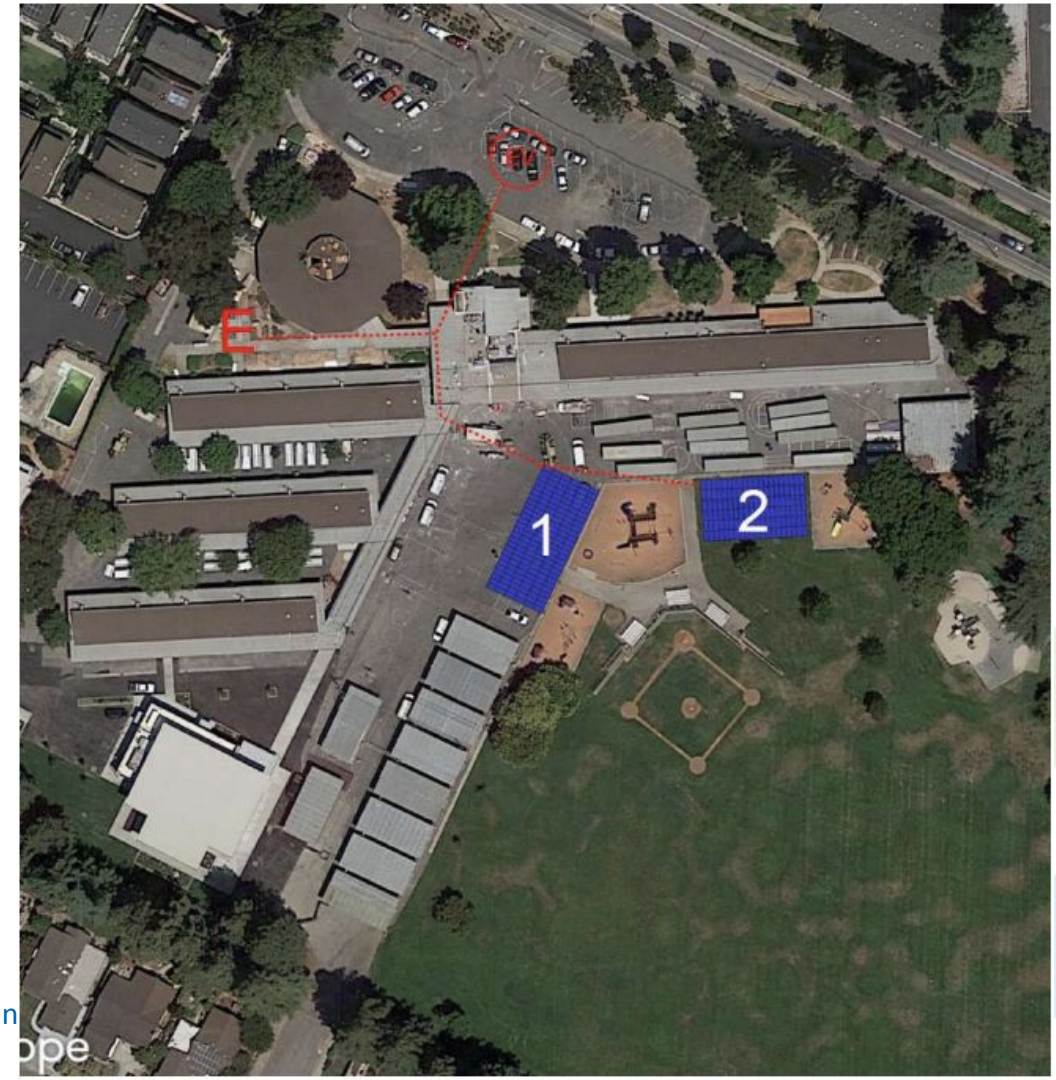
Landels

- HVAC Project
  - Contract duration is June to August 2021.
  - Work will take place in mechanical closets and all classrooms, offices, MUR, etc. across the campus.
- Park Restroom Project
  - Construction scheduled for November 2021 to February 2022. More information will be presented on location and timelines.

Landels Perimeter Controls



Landels Solar



Mistral

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.

Mistral

Solar

- Summer work (June to mid-August) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall work (mid-August to November) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

Park Restroom Project

- Construction scheduled for November 2021 to February 2022. More information will be presented on location and timelines.

Mistral

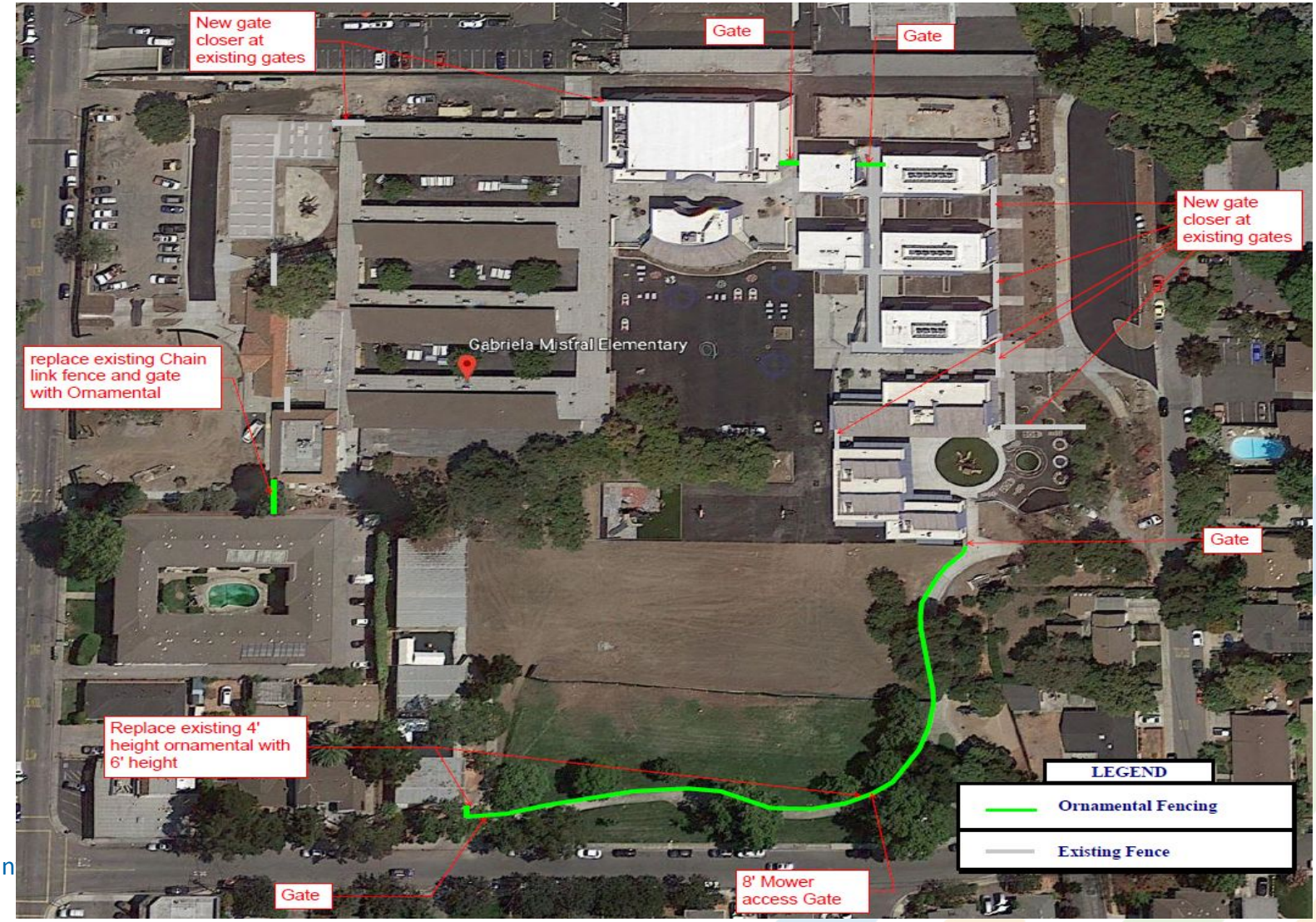
Administration Building Remodel

- Project will take place from June 2021 to August 2021.

HVAC Project

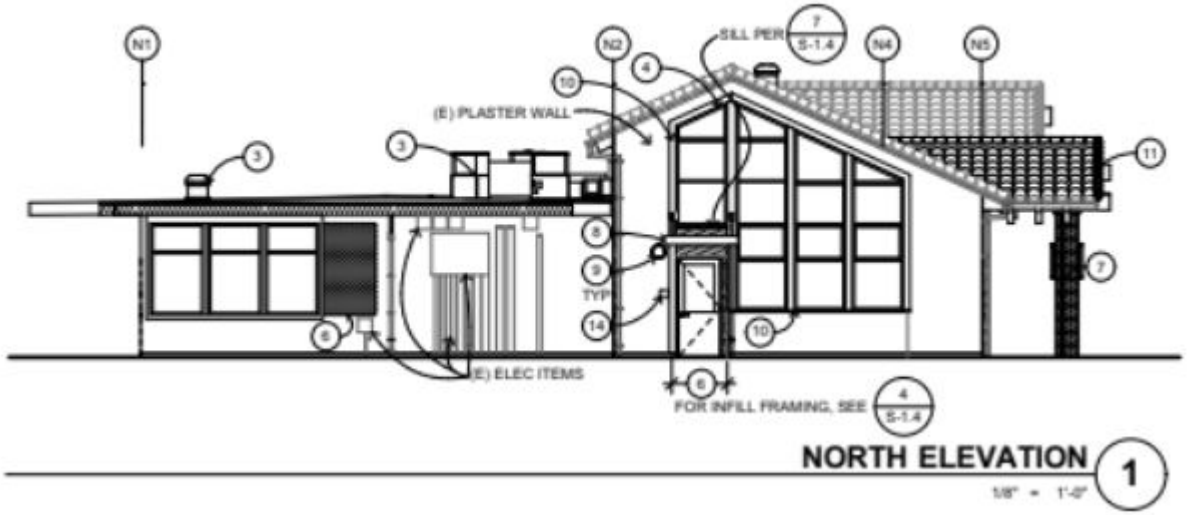
- Contract duration is June to August 2021.
- Work will take place in mechanical closets and all classrooms, Library and MUR across the campus.

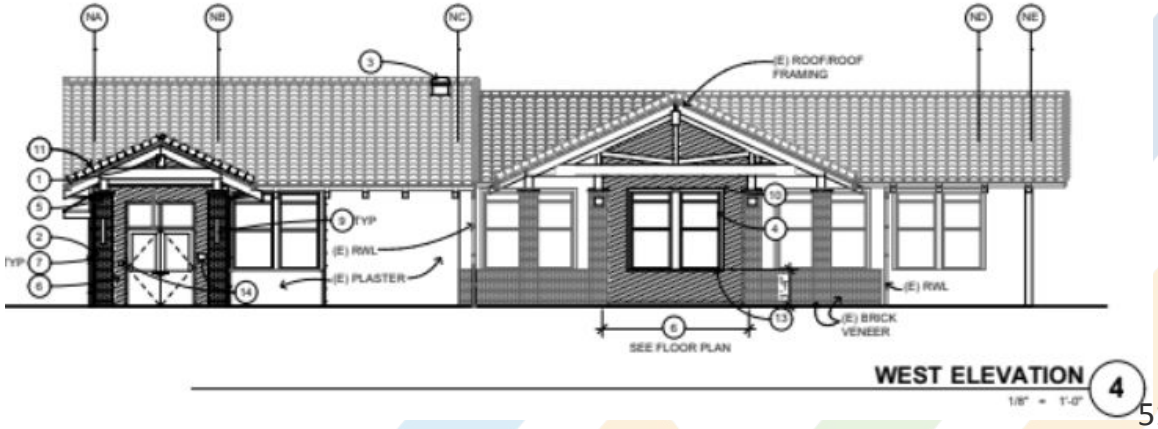
Mistral Perimeter Controls



Mistral Solar

Mistral Office





Monta Loma

- Perimeter Controls
  - We will have an update at the next board meeting.
- Solar will be installed during summer 2022 since a portion of the arrays are going on the roof and will be going through DSA.
- HVAC upgrades will take place next summer 2022. Monta Loma has many units that need to be moved from the ground to the roof which require DSA approval.

Stevenson

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Solar Project

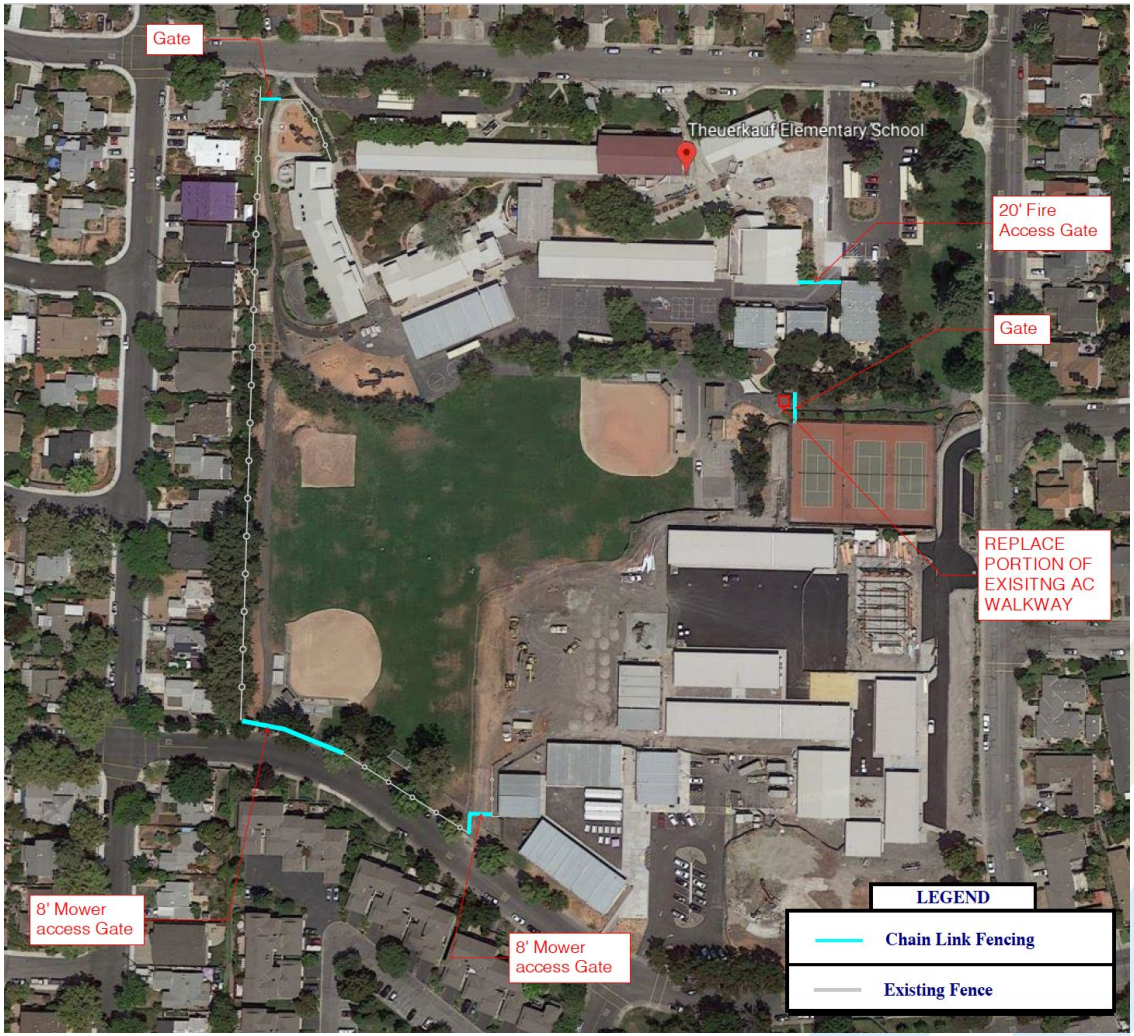
- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.
- Stevenson has a lunch plan similar to what they have been doing this year to address play space.

Stevenson

Solar

- Summer work (June to mid-August) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall work (Mid-August to December) will be mainly electrical installations, installation of the car charging station and asphalt paving and landscape repair.

Stevenson Perimeter Controls



Stevenson Solar

Theuerkauf

Perimeter Controls

- Onsite work scheduled to begin in June. Work will take place on/off over the summer.
- Electrical work will likely push into September/October.

Paving Project

- Construction will take place from June to August 2021. Parking lots and playground will be fenced off and inaccessible to staff and students during this time.

Theuerkauf

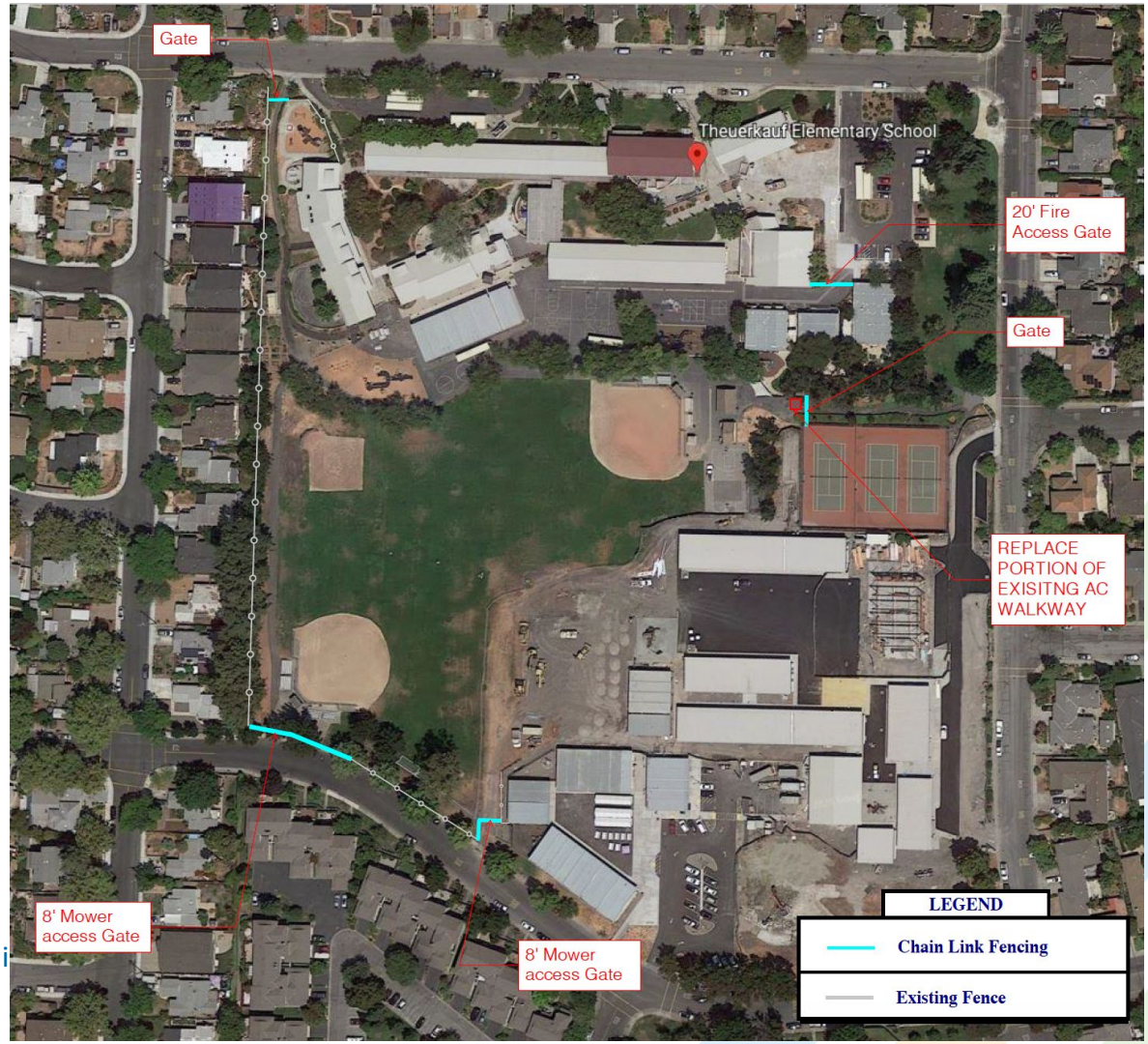
Electrical work

- Will likely push into September/ October.
- Schedule is pending PG&E and DSA approval. At this point we anticipate the sitework to start in late summer. Power shut down for PG&E power relocation will be tentatively scheduled for December break as to not impact the occupied campus.

Solar

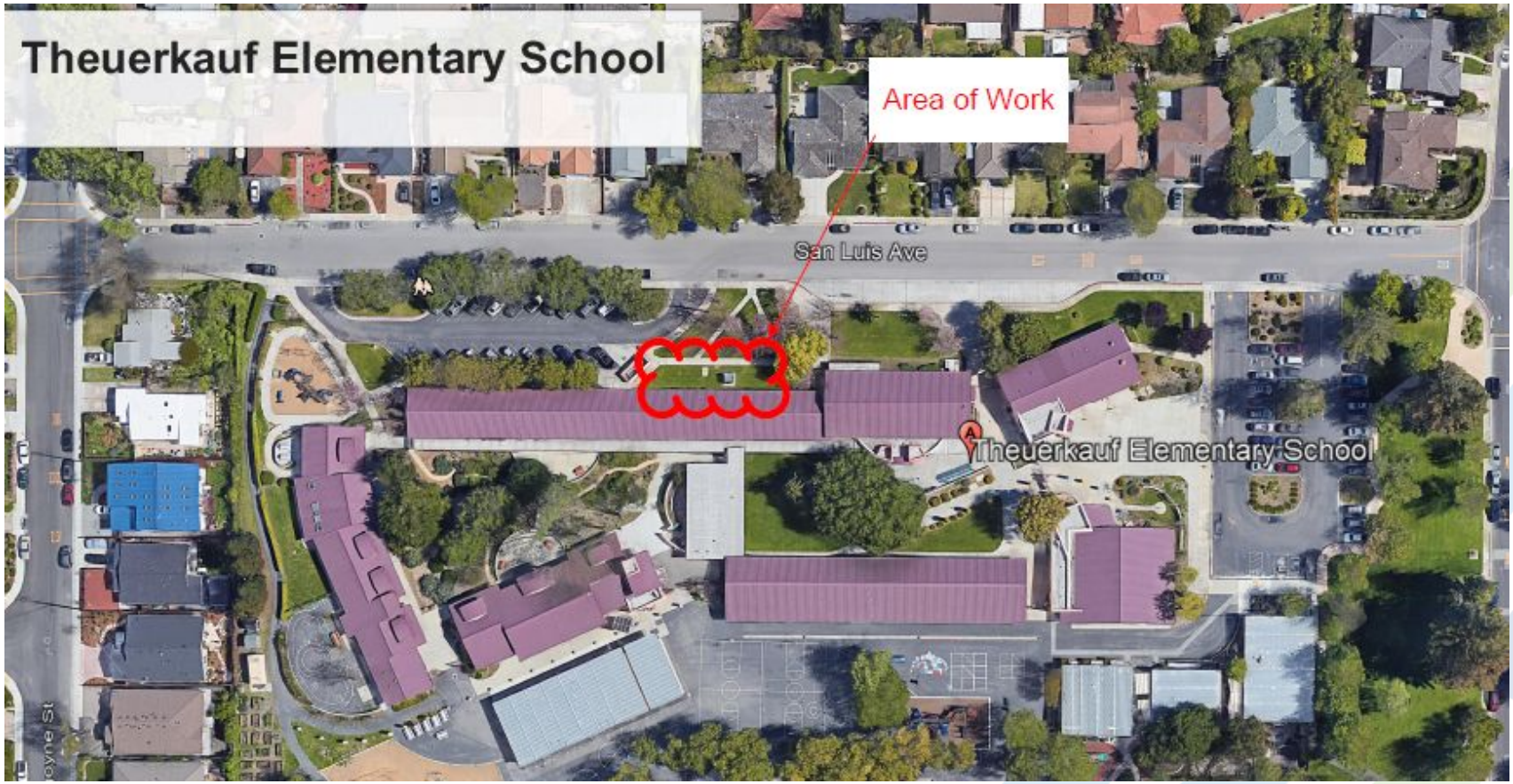
- Solar work will take place in summer of 2022 due to rooftop arrays needing DSA approval.

Theuerkauf Perimeter Controls



Theuerkauf Paving

Theuerkauf Electrical Work



Vargas

Solar Project

- Planned to begin in June 2021 and be completed by November 2021.
- Areas where work is taking place will be fenced off to protect students. Areas includes spaces under the arrays and in the parking lot where EV charging stations are being installed.
- Summer work (July to late August) will be demolition, steel erection, PV module installation and trenching for electrical.
- Fall work (September to December) will be mainly electrical installations, installation of the car charging station and asphalt paving.

Vargas

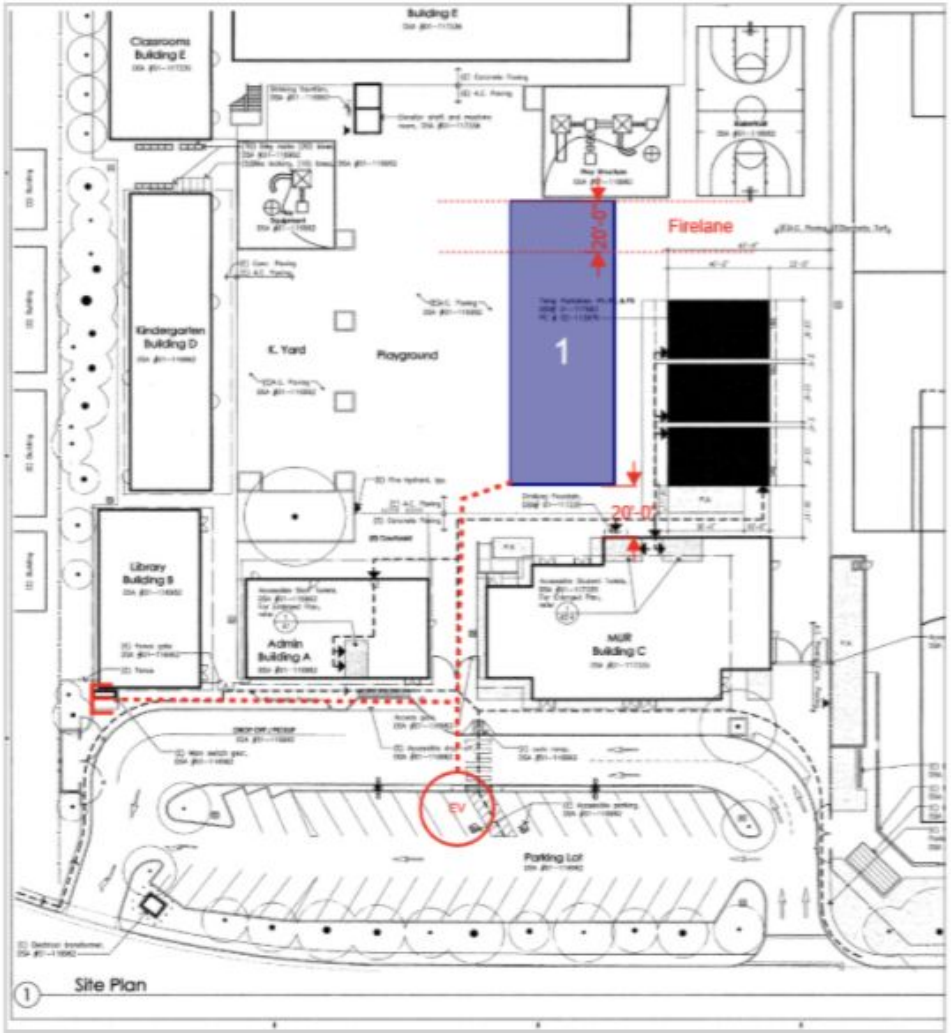
Marquee Installation

- Project will take place from May 24 to July 23, 2021.
- Old sign base will remain and a static sign will be placed

Parking Cover Project

- Pending DSA review and approval, construction will take place from December 2021 to February 2022.

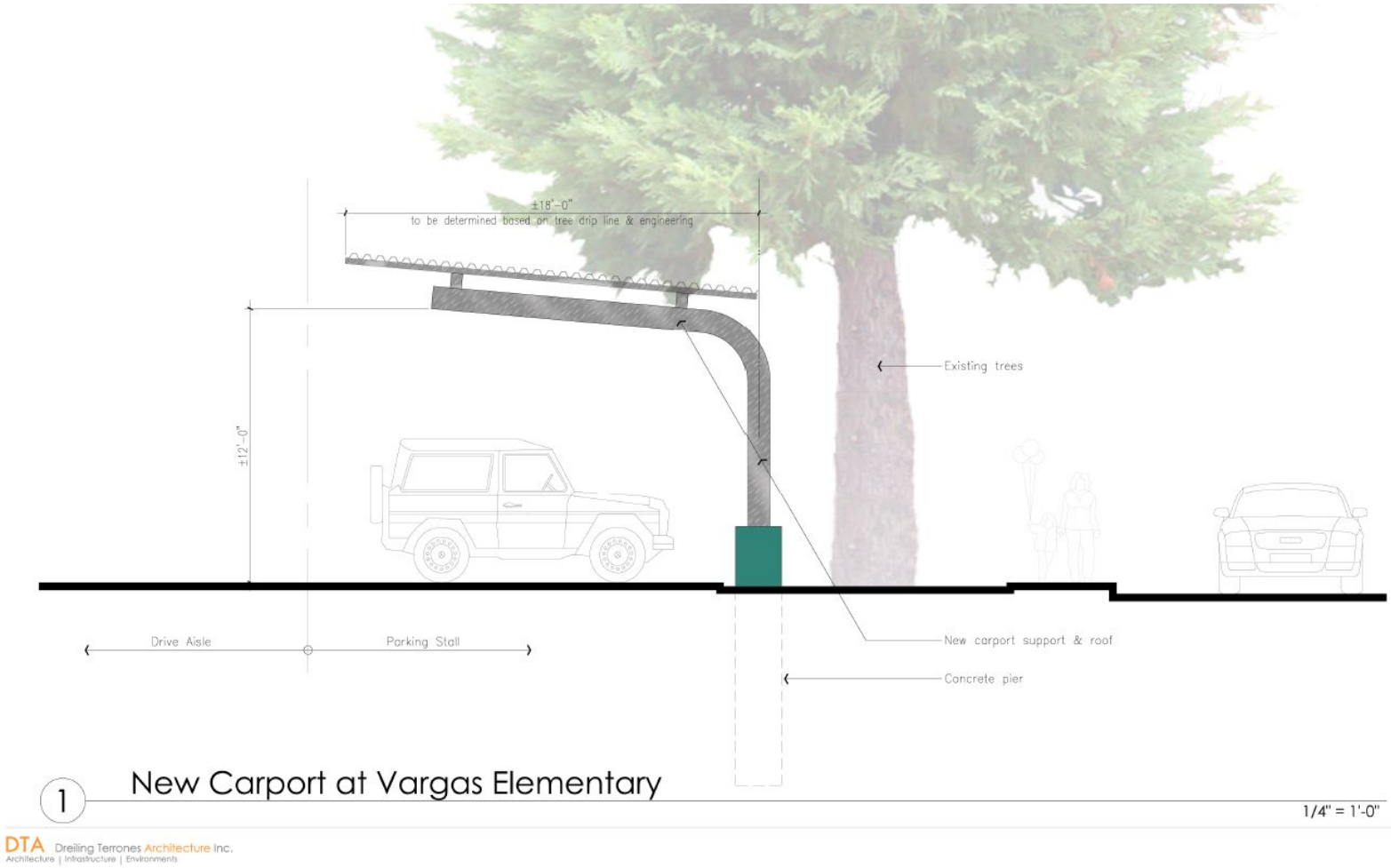
Vargas Solar



Vargas Marquee

PREFERRED SIGN LOCATION - CLOSEUP
Monument Sign Relocation
Vargus Elementary School - Mountain View Whisman School District

Vargas Carport



Updates on Projects Not Taking Place in Summer 2021

Storage (Vargas, Castro, Stevenson)

- We investigated using prefabricated buildings but due to limitations with placement will continue to explore options with an architect.
- Placement at Vargas and Castro were especially challenging due to the size of the campuses and requirements for fire lanes and 20 foot distance required from buildings.

Updates on Projects Not Taking Place in Summer 2021

HVAC

- For sites that did not have planned HVAC work, bi-polar ionization will be installed summer 2022.

Site Lighting

- Feedback presentation at June 3 meeting

Field Restrooms

- Feedback presentation at June 3 meeting

Surveillance Cameras

- Planning with a consultant will begin over the summer and continue into next year. Plans will come to the Board.

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Costs Savings

- Due to taking on several projects earlier then the MFP planned and cost savings, the District was able to add projects, through Board of Trustee approval, to the Priority 1 list such as bi-polar ionization and the carport at Vargas.
- Currently there are $17.6 million in funds that are unallocated for Priority 1 items.

What Will not be Covered by This Bond

- Long-term growth options such as:
  - Building new elementary schools in North Bayshore, East Whisman or Terra Bella
  - Reconfiguring middle schools to add seats

Growth: Additional 2,448 Students (K-8) in 10-20 yrs

- 1,512 Elementary School, 936 Middle School

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Questions?