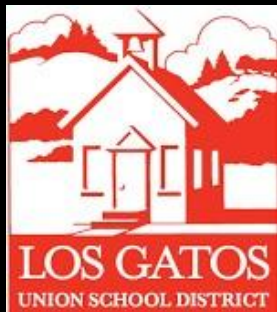


Los Gatos Union School District Outdoor Classrooms & Campus Landscaping Update



November 8, 2021



VERDE DESIGN

LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN

History of Improvements at LGUSD



Imagine 2022-Master Planning & Prioritization

Growth in student population especially at the middle school

Academic Innovation: Flex Rooms, 21st Century Learning Environments

Capital Infrastructure: Technology, Campus Entrances, Outdoor Environments,
Capital Renewal, MPR Expansion

Master Plan for Middle School growth, technology, capital renewal, energy efficiency upgrades, HVAC/Ventilation, and flex rooms are largely completed

LGUSD 2021-22-Prioritization

Growth/capacity concerns from new development & social distancing protocols and water conservation efforts

Annually provide a long term capital plan to facilities committee and Board for prioritization and approval each June

Capital Plan 2021-2036

Los Gatos Union School District-1st Interim Projections								
Capital Projects (15 Year Projection)								
Deferred Maintenance & Developer Fees								
Priority	1-5 Years	Fisher Middle	Blossom Hill	Daves Avenue	Lexington	Van Meter	District Office	Total
5	Heating and Cooling Systems		\$40,000					\$40,000
2	Scrape and Repave Blacktop Playground	\$75,000	\$20,000	\$75,000		\$75,000		\$245,000
2	Playground Equipment/Tables	\$25,000	\$25,000	\$25,000		\$75,000		\$150,000
4	Landscaping Improvements		\$915,000	\$1,000,000		\$800,000		\$2,715,000
4	Field Renovations/Irrigation		\$1,600,000	\$2,500,000		\$2,500,000		\$6,600,000
1	Tech Infrastructure/AV						\$170,000	\$170,000
6	Painting	\$200,000	\$150,000	\$150,000		\$150,000		\$650,000
3	Safety/Fencing	\$30,000	\$30,000	\$30,000	\$10,000	\$30,000	\$30,000	\$160,000
	STEAM Labs/Equip	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000		\$1,250,000
1	Solar Upgrades/Generator		\$50,000		\$50,000		\$75,000	\$175,000
	Sub-Total	\$580,000	\$3,080,000	\$4,030,000	\$310,000	\$3,880,000	\$275,000	\$12,155,000
	6-15 Years							
	Field Renovation /Turf	\$1,200,000	\$400,000	\$600,000	\$400,000	\$600,000		\$3,200,000
	Landscaping Improvements	\$500,000			\$50,000			\$550,000
	Heating and Cooling Systems	\$300,000	\$150,000	\$150,000	\$50,000	\$150,000	\$50,000	\$850,000
	Parking Lots and Asphalt	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
	Roofs	\$2,500,000	\$500,000	\$500,000		\$500,000	\$250,000	\$4,250,000
	Safety/Fencing	\$80,000	\$60,000	\$60,000	\$10,000	\$60,000	\$60,000	\$330,000
	Technology	\$300,000	\$150,000	\$150,000	\$75,000	\$150,000	\$170,000	\$995,000
	Total Projected Cost	\$5,560,000	\$4,440,000	\$5,590,000	\$995,000	\$5,440,000	\$905,000	\$22,930,000

Funds available for Capital

Deferred Maintenance

2013-14 Redevelopment Funds were redirected back to schools and other agencies. District signed an agreement with the redevelopment agency that funds are dedicated to capital improvements and maintenance.

Developer Fees

Per EdCode 17620 District is authorized to levy fees on any construction within the District boundaries to pay for construction or reconstruction of school facilities.

These fees may not be used for regular operating expenses such as staffing, maintenance or deferred maintenance.

BOTH FUNDS ARE SEPARATE FROM OUR GENERAL OPERATIONS AND SEPARATE FROM PROPERTY TAX AND PARCEL TAX FUNDS.

Capital Funding

Long Term Capital Funding - Fund 14 & 25							
	Funds are Separate from General Operating Funds						
	Beg Bal	2021-22	2022-23	2023-24	2024-25	2025-26	2026-36
Deferred Maintenance - Fund 14	\$2,543,109	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,500,000
Developer Fees - Fund 25	\$3,033,086	\$3,700,000	\$1,300,000	\$300,000	\$300,000	\$300,000	\$3,000,000
P1 -Tech Infrastructure		-\$170,000					-\$995,000
P2 - HVAC		-\$40,000					-\$850,000
P3 - Fields/Irrigation			-\$1,600,000	-\$2,500,000	-\$2,500,000		-\$3,200,000
P3 - Landscaping upgrades		-\$1,875,000			-\$850,000		-\$550,000
P4 - Solar Buyout/Generator		-\$175,000					
P5 - Playground Equipment & Blacktop		-\$395,000					
P6 - Painting		-\$150,000	-\$150,000	-\$150,000	-\$200,000		
P7 - Safety Upgrades		-\$30,000	-\$30,000	-\$30,000	-\$30,000	-\$30,000	-\$330,000
STEAM Labs/Equip			-\$250,000	-\$750,000	-\$250,000		
Years 6 to 15 (Parking, Roofs)							-\$4,850,000
Ending Balance	\$5,576,195	\$6,991,195	\$6,811,195	\$4,231,195	\$1,251,195	\$2,071,195	-\$203,805

Priorities for 2021-2026



Energy Efficiency, Solar & Water Conservation

Safety Upgrades-Emergency Planning, Fencing,
Visitor Check in System,

Playground Surfacing and Equipment-Including
ADA accessible playground at Van Meter

Landscaping

Outdoor flexible learning spaces

Solar Installations with Generator Backup



← Van Meter School



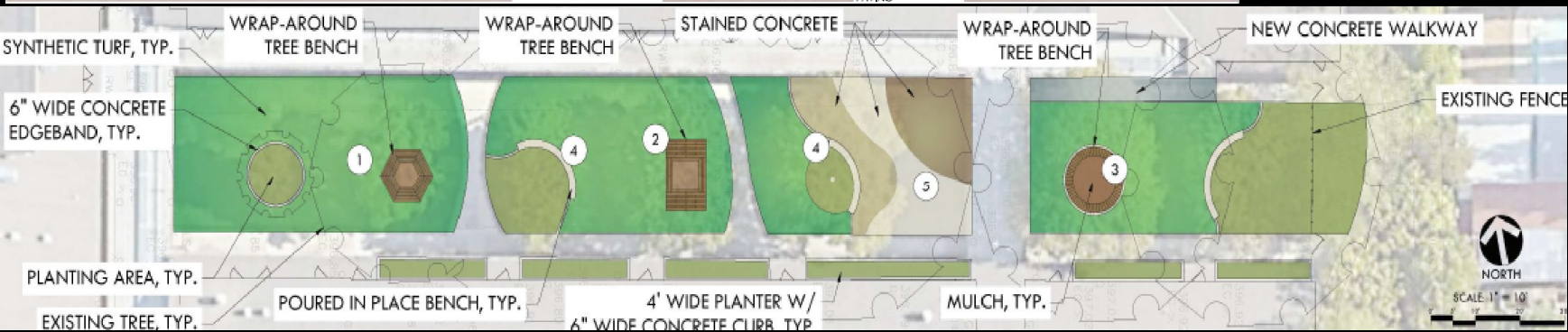
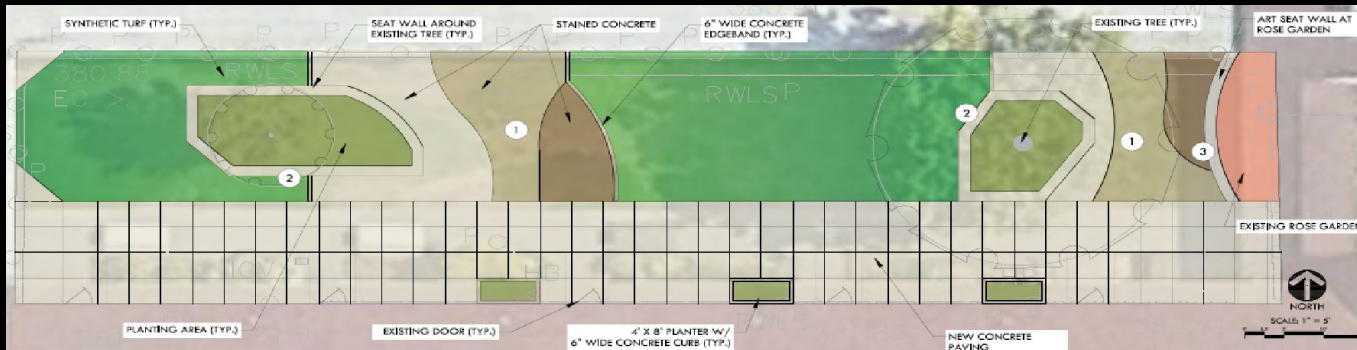
↗ Daves School



← Blossom Hill School

Classroom Courtyard Areas

Van Meter
School

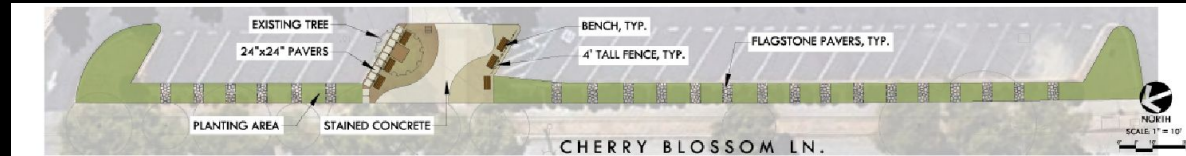


Daves
School

Blossom
Hill
School

Blossom Hill School Frontage Improvements

Cherry Blossom

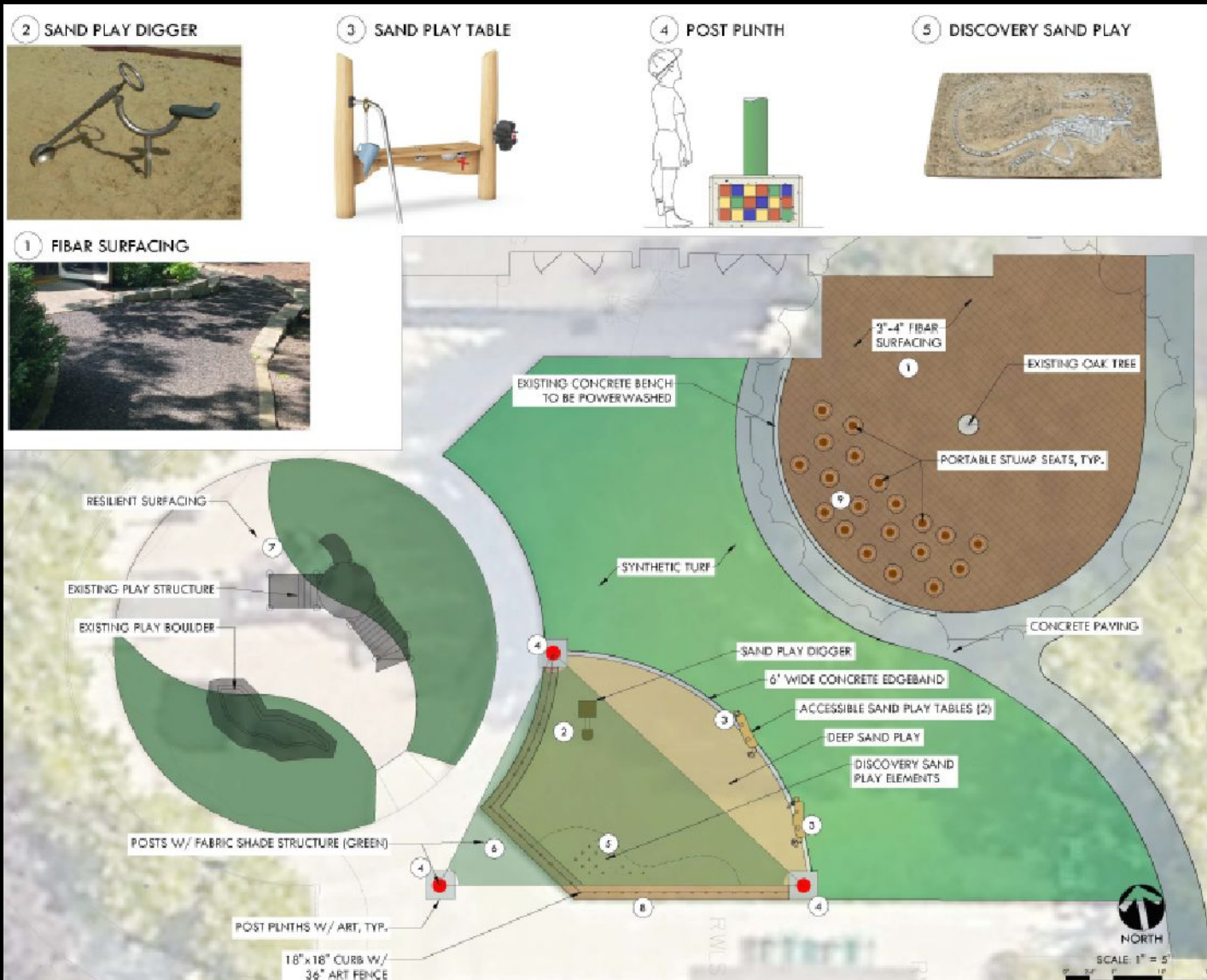


Cherry Blossom Parking - Parent Area Near Kinder Existing vs Proposed
Blossom Hill Elementary School
Los Gatos Union School District



LANDSCAPE ARCHITECTURE
PLANTING DESIGN
PARKS RECREATION
SITES ANALYSIS
TRAIL DESIGN
WATERWAYS DESIGN
OCTOBER 14, 2021

Daves School Kinder Area



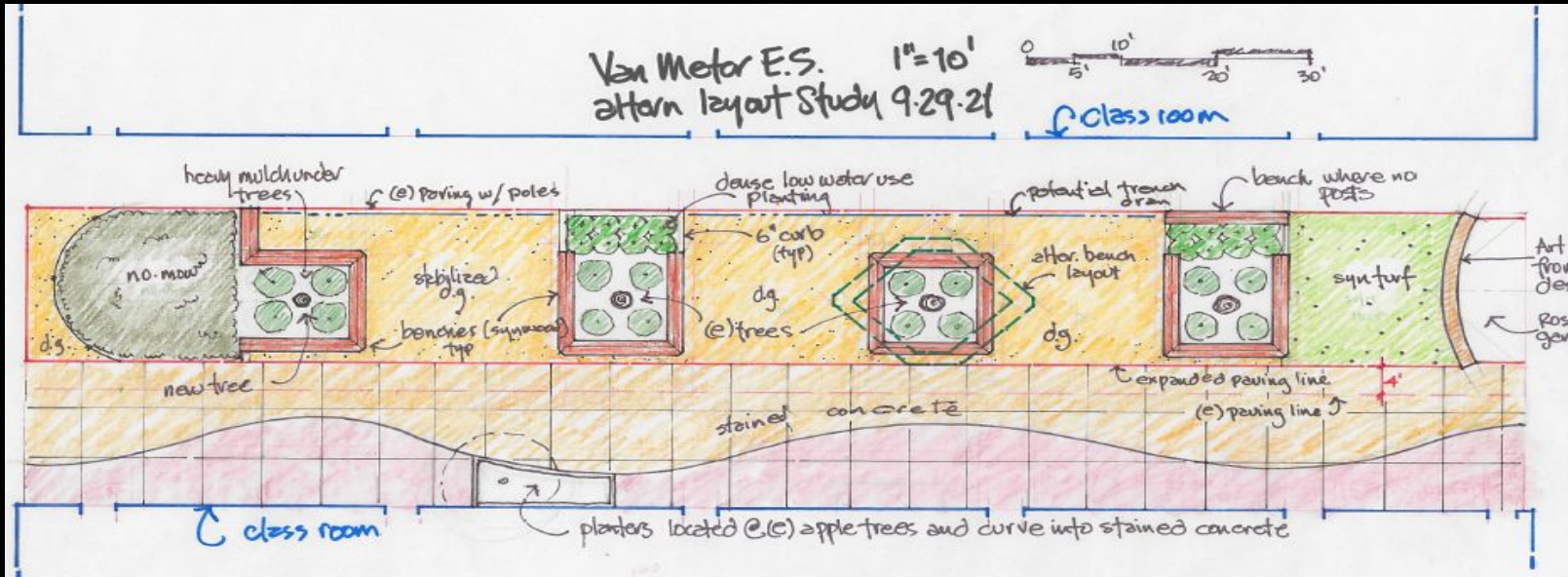


November 8, 2021

Van Meter Alt Courtyard & Accessible Playground



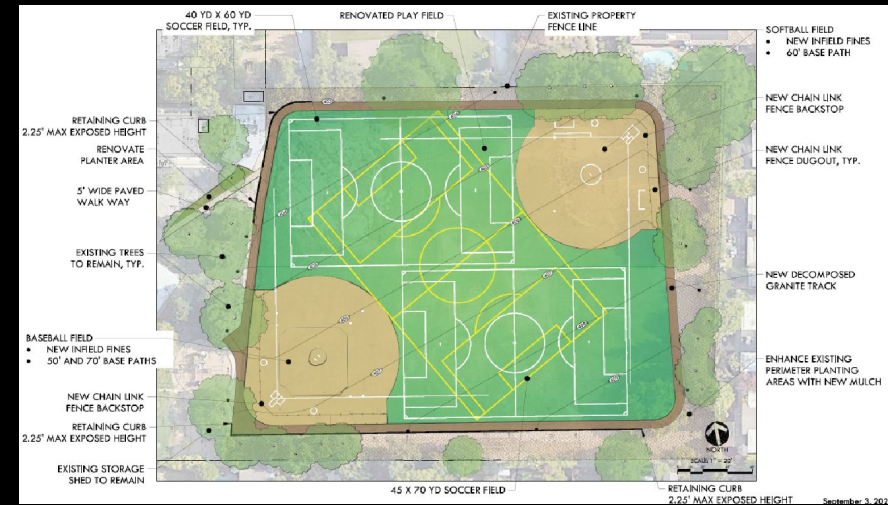
VERDE DESIGN



Play Field Areas-Reviewing Hybrid Grass & Turf



← Van Meter School



↗ Daves School

← Blossom Hill School

Is Synthetic Turf Safe for our community

- **Good Stewardship**-District stewardship of environment
 - District uses EPA approved cleaning supplies and non chemical equipment to clean and sanitize
 - District uses non chemical means to maintain landscaping
 - District has focused on recycling and reducing waste in child nutrition
 - District installed water bottle filling stations and removed straws from drinks to reduce single use plastic
- **Synthetic Turf**-Products that would be considered involve fully recyclable materials, both in re-use in future fields or repurposed
- **Infill**-Several products are available and only natural, safe products are being considered including sand, cork, cornhusks, coconut fiber and zeofill. Many are considerably cooler than recycled car tire SBR or crumb rubber. **No black rubber pellets are being considered.**

Synthetic Turf – Safety

- **Injuries**-Synthetic turf fields, specifically those with a shock pad underlayment, have been tested to show it is safer than most natural grass playing surfaces for head impact and foot movement. Both surfaces will have minor injuries where the differences between the surfaces are statistically insignificant
- **More Durable**-Field surface will be consistent for years and allow for continuous, all-weather use. Less degradation from use, weather, animal damage and maintenance
- **Heat**-Synthetic turf including rubber in fill is hotter than a natural grass field. This may require mitigation including watering, hydration breaks and using more natural infill materials.

Synthetic Turf - Water Conservation

- Each Synthetic Turf field reduces the carbon footprint by saving approximately 1.8 million gallons of water per year (roughly 2400 water units), net of water for sanitation and cooling purposes
- Eliminates the need for chemicals / fertilizers, and no gasoline powered mowers are needed on the fields on a regular basis
- Santa Clara County Valley Water offers rebates to make water conservation easier. Provides field survey to identify areas of potential improvement
 - Landscape Conversion-Convert high water usage to low water usage. Not recommended for high traffic and wear of playing fields
 - Irrigation Equipment Upgrade-High Efficiency nozzles, valves, drip irrigation, rain sensors & timers are available

Project Construction Budget Discussion

- Play Fields (based on natural surfaces): \$ 4.5 M
- Classroom Courtyards: \$1.875 M
- Blossom Hill Entries: \$ 250,000
- Daves Kinder: \$ 400,000
- Van Meter Life Lab: \$ 200,000
- Van Meter Adaptive Playground & Blacktop Upgrades
\$ 150,000

COST TO UPGRADE ONE OF FIELDS FROM GRASS TO TURF IS APPROXIMATELY \$1 Million. This includes upgraded padding, fill and recyclable materials.

Current Project Timeline

- Programming / Assessment / Prioritization (**completed**)
- Schematic Design –June thru November 2021 (awaiting approval)
- Construction Documents – November thru January 2022
- Agency Review & Approvals – January thru March 2022
- Bidding –March – April 2022
- Construction – TBD
 - Courtyards all sites scheduled for summer 2022
 - Field and speciality areas one site per summer 2023-25