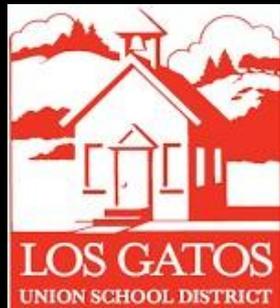


# Los Gatos Union School District Outdoor Classrooms & Campus Landscaping

## Discussion



November 18, 2021



VERDE DESIGN

LANDSCAPE ARCHITECTURE  
CIVIL ENGINEERING  
SPORT PLANNING & DESIGN

# Guiding Principles

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- 1) Enhance Physical Education and outdoor Classroom Instructional Program
- 2) School site staff key stakeholders and primary influence when deciding outdoor classroom space
- 3) Environmental Stewardship
- 4) Sustainable Maintenance Plan

# Funds available for Capital

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## 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	TOTAL
Deferred Maintenance - Fund 14	\$2,543,109	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,500,000	\$10,793,109
Developer Fees - Fund 25	\$3,033,086	\$3,700,000	\$1,300,000	\$300,000	\$300,000	\$300,000	\$3,000,000	\$11,933,086
P1 -Tech Infrastructure		-\$170,000					-\$995,000	-\$1,165,000
P2 - HVAC		-\$40,000					-\$850,000	-\$890,000
P3 - Fields/Irrigation			-\$1,600,000	-\$2,500,000	-\$2,500,000		-\$3,200,000	-\$9,800,000
P3 - Landscaping upgrades		-\$1,875,000			-\$850,000		-\$550,000	-\$3,275,000
P4 - Solar Buyout/Generator		-\$350,000					-\$2,900,000	-\$3,250,000
P5 - Playground Equipment & Blacktop		-\$395,000						-\$395,000
P6 - Painting		-\$150,000	-\$150,000	-\$150,000	-\$200,000			-\$650,000
P7 - Safety Upgrades		-\$30,000	-\$30,000	-\$30,000	-\$30,000	-\$30,000	-\$330,000	-\$480,000
STEAM Labs/Equip			-\$250,000	-\$750,000	-\$250,000			-\$1,250,000
Years 6 to 15 (Parking, Roofs)							-\$4,850,000	-\$4,850,000
Ending Balance	\$5,576,195	\$6,816,195	\$6,636,195	\$4,056,195	\$1,076,195	\$1,896,195	-\$3,278,805	

# 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

# Priorities for 2021-2026

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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

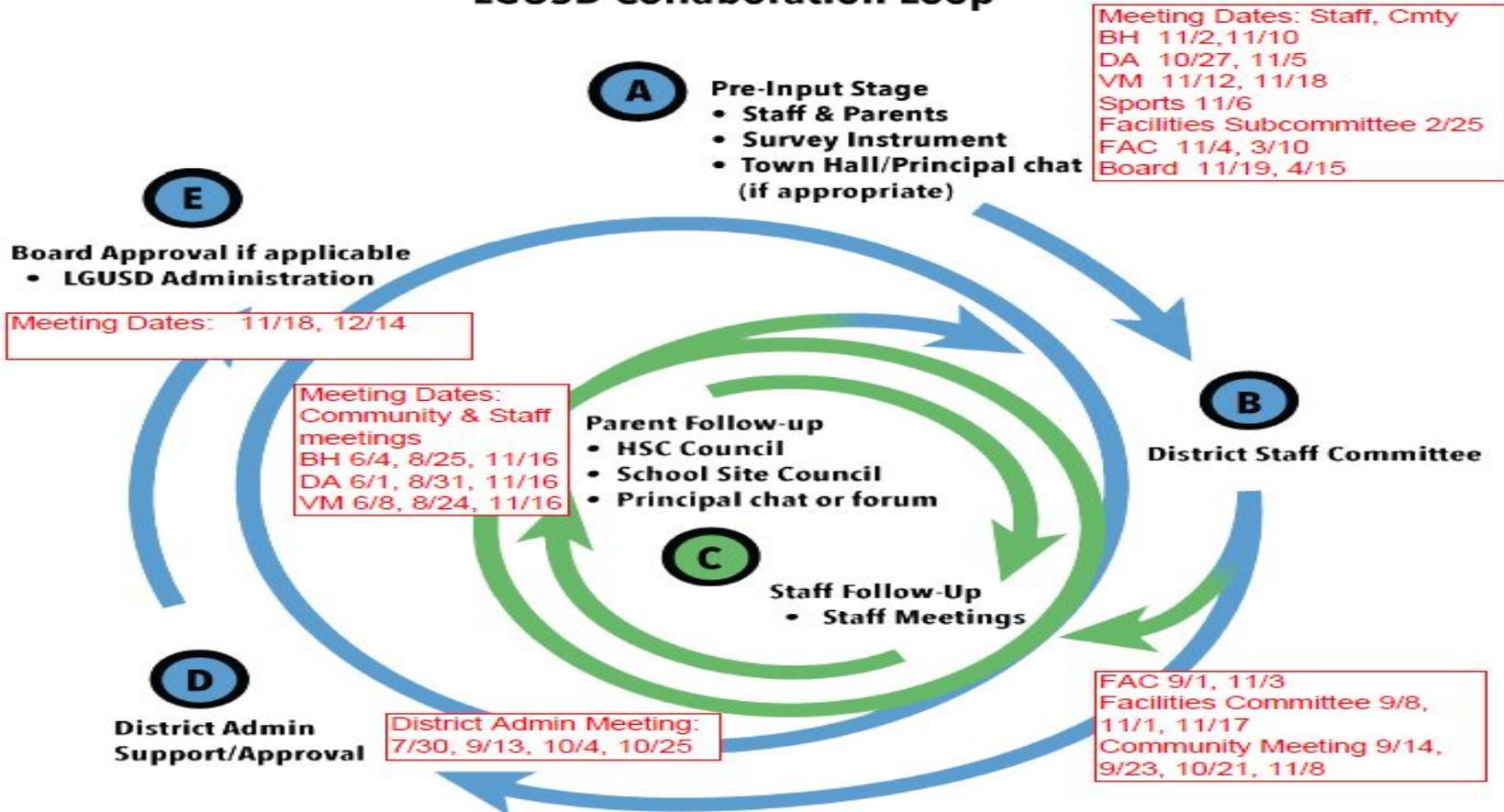
Landscaping

Outdoor flexible learning spaces

# Communication and Outreach (30 Meetings)

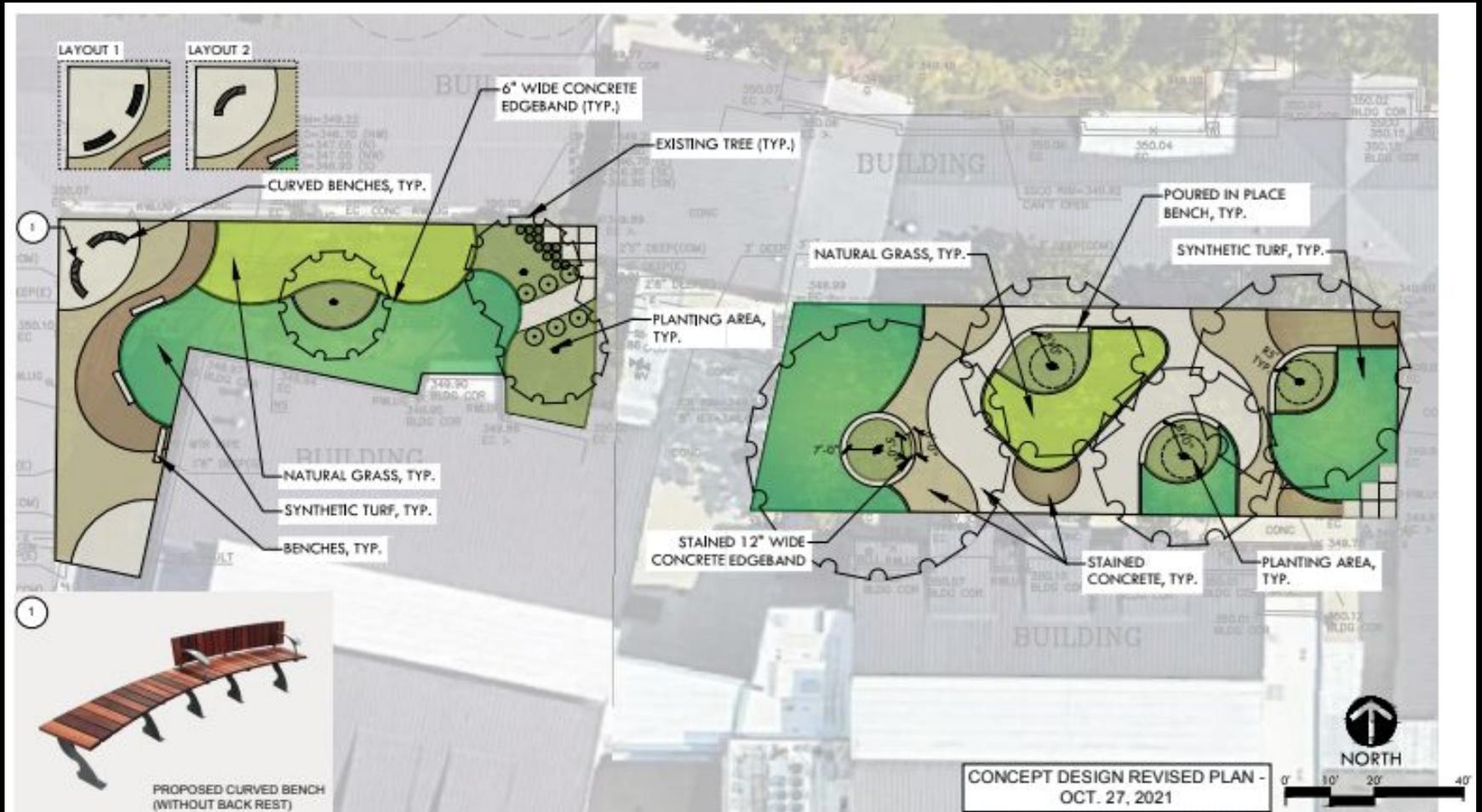


## LGUSD Collaboration Loop

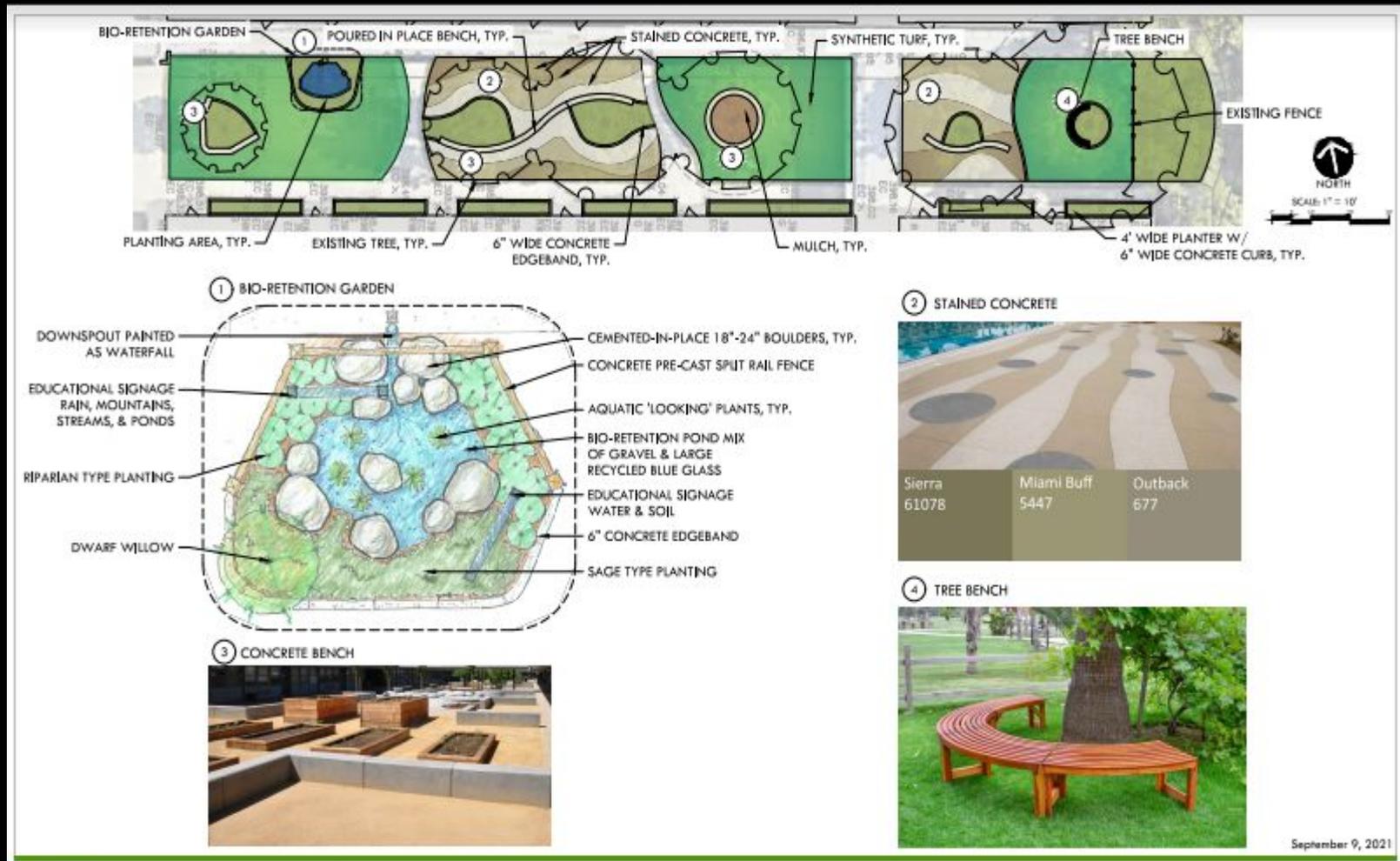


For District-wide decisions (i.e. homework policy, solar projects, kindergarten vision, etc.)

# Outdoor Classroom Areas-Blossom Hill



# Outdoor Classroom Areas-Daves Avenue

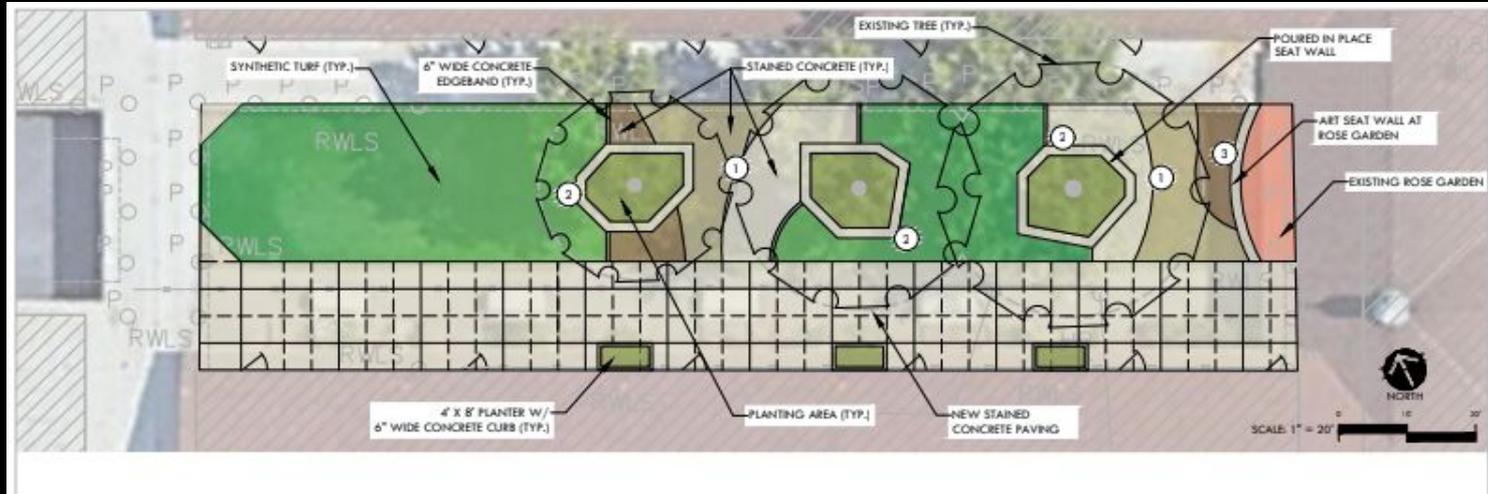


# Outdoor Classroom Areas-Van Meter

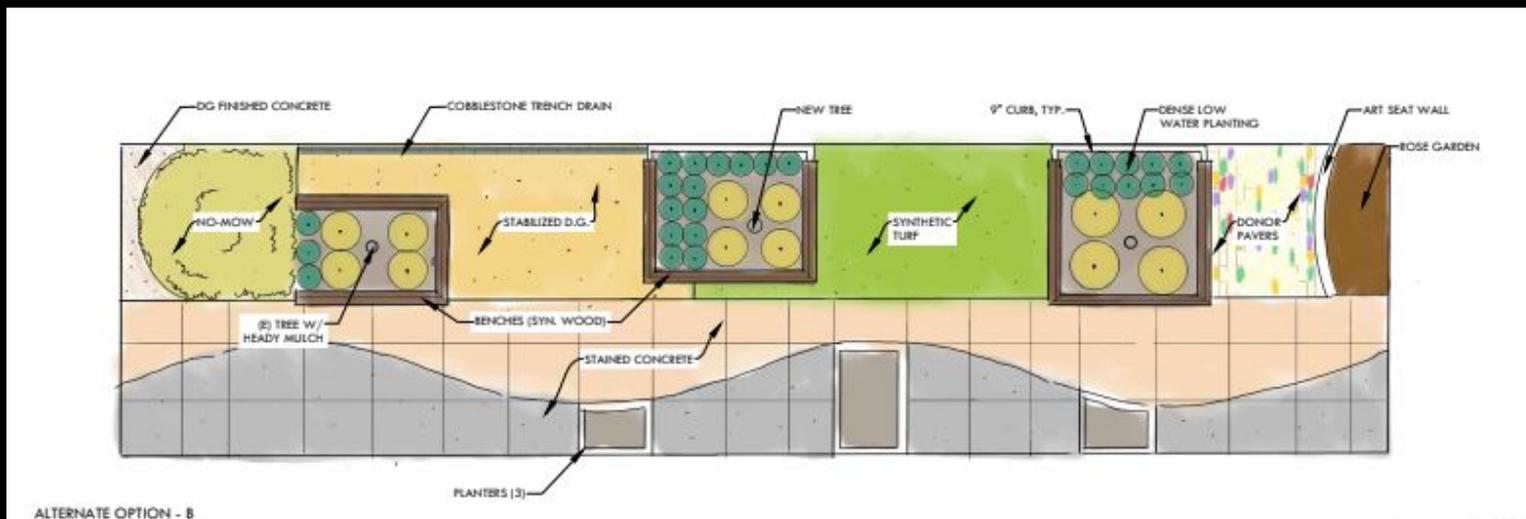




# Outdoor Classroom Areas-Van Meter-Alternative Design



Design to be finalized at 11/16 Staff meeting



# Blossom Hill School Frontage Improvements

## Cherry Blossom

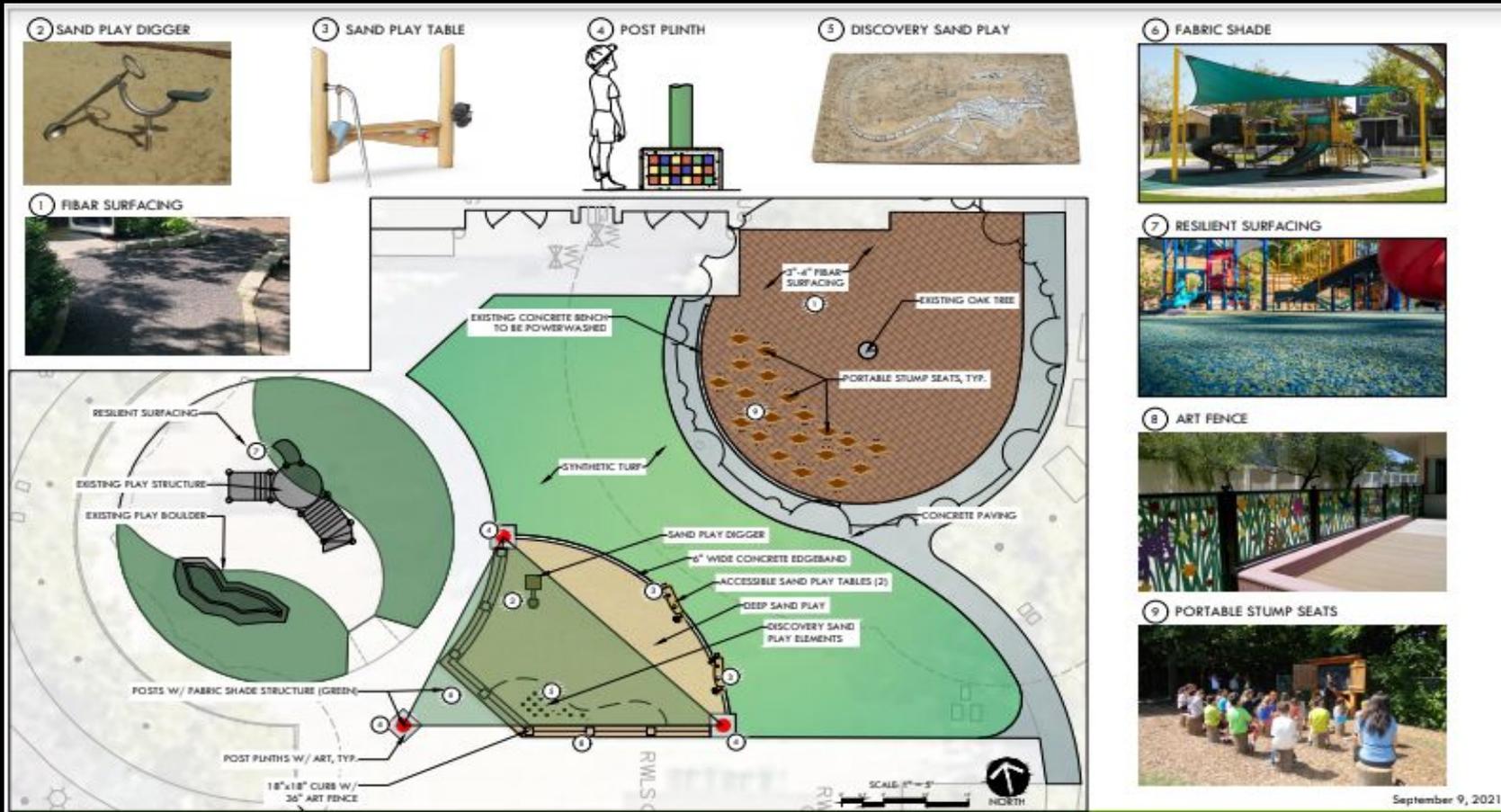


Cherry Blossom Parking - Parent Area Near Kinder Existing vs Proposed  
Blossom Hill Elementary School  
Los Gatos Union School District



OCTOBER 14, 2021

# Daves School Kinder Area





# Play Field Areas-Natural Grass

Van Meter School



Daves School

Blossom Hill School



# Play Field Areas-Reviewing Hybrid Grass & Turf



← Van Meter School



↙ Daves School



← Blossom Hill School

Play Field Renovation Concept  
Blossom Hill Elementary School  
Los Gatos Union School District

# Synthetic Turf is Safe for our District-Safety Precautions



- Consulting Environmental Engineer
  - Provides testing protocols for bid specifications and ongoing testing to ensure meeting safety specifications
- Architect
  - Provides bid specifications to include natural infill materials (remove the concerns of SBR or crumb rubber), reusable shock padding, water systems and ongoing inspection and grooming of the field to maintain the carpet fibers

# KEY CONSIDERATIONS

	NATURAL GRASS	ARTIFICIAL TURF
COST	= +	= -
EMOTIONAL APPEAL	+	-
ENVIRONMENTAL STEWARDSHIP	+	-
HEAT	+	-
MAINTENANCE	-	+
QUALITY	-	+
SAFETY	=	=
USABILITY	-	+
WATER	-	+

# Should We Prioritize Artificial Turf for Fields

Cost Comparison over lifecycle-Cost of artificial turf includes upgraded materials based on environmental considerations

EXAMPLE-ONE 2 ACRE SITE	NATURAL GRASS	ARTIFICIAL TURF
INSTALL COST	\$510,000	\$1,275,000
UPGRADES AND REPLACEMENT (Natural fill, Recyclable, Warranty, Equipment, Replace per recommended schedule)	\$636,968	\$1,672,379
ANNUAL MAINTENANCE	\$63,307 annually	\$9,086 annually
WATER (Without any drought penalties)	\$24,133 annually	\$6,528 annually
TOTAL 20 YEAR LIFE COST	\$3,271,530	\$3,326,758
AVAILABLE USE	275 Days	360 Days

# Recommendations

- **Outdoor Classrooms:** Complete outdoor classrooms as proposed and allow site administration and staff to finalize materials (Anticipated date 11/16/21)
- **Site specific priorities:** Complete site priorities and provide financial support for all weather track at Daves Avenue (if feasible) and adaptive playground and equipment at Van Meter
- **Play Fields:** Use natural grass for the playing fields at the elementary school campuses
- **Construction Schedule:** Begin construction summer of 2022 for the outdoor classrooms and summers of 2023, 2024 and 2025 for the playing fields and site priorities
- **Future Considerations:** Although artificial turf is not recommended at this time, the Board should consider artificial turf a safe alternative for future use at all school campuses

# Project Construction Budget

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- PHASE 1: OUTDOOR CLASSROOM SPACE \$1,875,000
  - Anticipated approval December 2021
  
- PHASE 2: SITE PRIORITIES \$ 1,000,000
  - Anticipated approval December 2021
    - Blossom Hill Entries: \$ 250,000
    - Daves Kinder: \$ 400,000
    - Van Meter Life Lab: \$ 200,000
    - Van Meter Adaptive Playground & Blacktop Upgrades \$ 150,000
  
- PHASE 3: PLAY FIELDS (based on natural surfaces): \$ 4,500,000
  - Anticipated approval June 2022

# Current Project Timeline

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- Programming / Assessment / Prioritization (Oct-Nov 2020)
- Schematic Design –June thru December 2021 (awaiting approval)
- Construction Documents – December thru January 2022
- Agency Review & Approvals – January thru March 2022
- Bidding –March – April 2022
- Construction – TBD
  - Outdoor Classrooms all sites scheduled for summer 2022
  - Field and speciality areas one site per summer 2023-25