



LGUSD Outdoor Classrooms Specifications



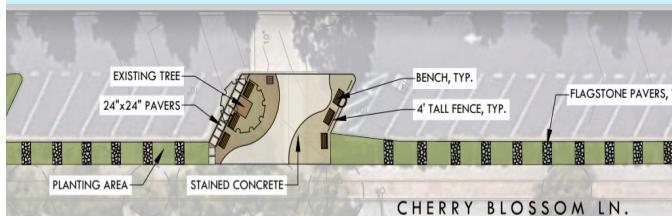
Strategic Objective #6

Sustainable Finance and Infrastructure

Enhance the outdoor classroom instructional space and providing reasonable use of natural resources and a sustainable maintenance plan.



Approved Projects at Blossom Hill



① PROPOSED BENCHES



② STAINED CONCRETE



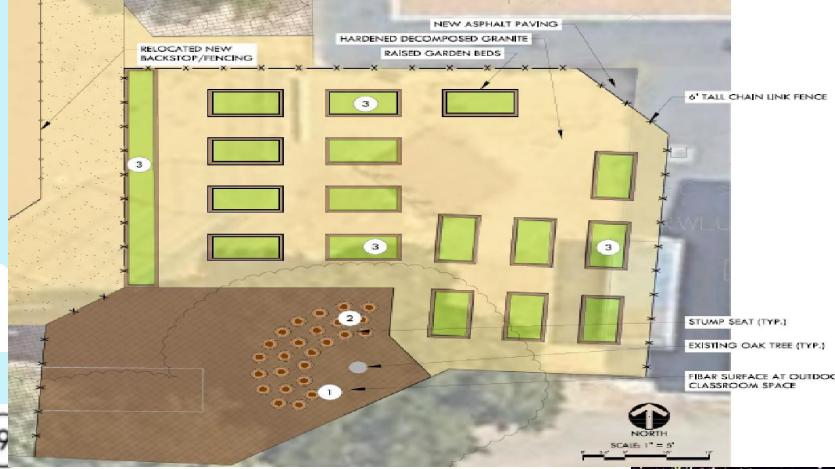
Approved Projects at Daves Avenue



6 FABRIC SHADE



Approved Projects at Van Meter



3 RAISED GARDEN BEDS



Specimen Plants

February 9, 2022





Proposed Courtyard Specifications

Product

Standard

LGUSD Upgrades

Grass

Cool Season-Shade Tolerant

Warm season-Drought Tolerant
Upgraded maintenance plan

Concrete

Standard concrete

Colored concrete

Surfacing for kinder playground

Engineered wood chips

Resilient rubber SBR base tiles topped with
wear layer of EPDM rubber, meet critical fall
heights

Resilient Surface for STEAM and Outdoor
Classrooms

Grass, Dirt & Mulch

PE Foam, gravel and urethane binder, custom
blend to eliminate SBR

Mulch

Engineered wood chips

Natural wood chip/fibered product
Metal frames with Natural surface
materials

Benches

Metal frame benches

Deciduous-Location appropriate species and
size and lower allergen replacements

Trees

Maintain all healthy mature trees

Pavers can be engraved by site

Pavers

Concrete

Naturally produced/sourced from local
quarry, hardened with polymer

Decomposed Granite

Loose granular product



Synthetic Turf

Blade-Polyethylene and have UV stabilizers, reflective and antimicrobial fiber coatings to allow the fibers to be cooler, and prevents microbial buildup

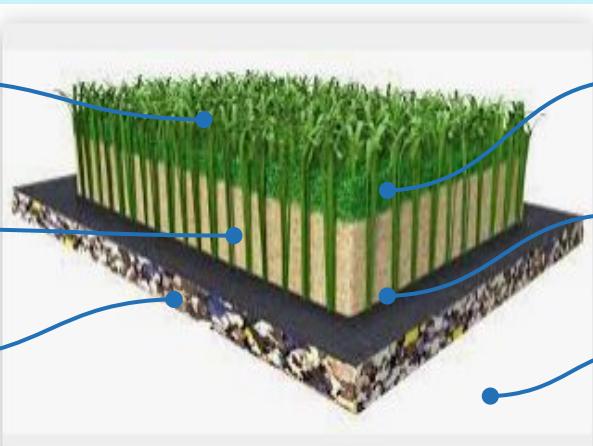
Sand-Dust free pure silica sand with no coating or contaminants. Purpose is to provide weight and ballast to hold the fibers in place.

Pad-XPE Polyethylene foam that is a recycled product, comfortable surface with sufficient drainage. 25 Year Life

Infill-Sand and Natural Infill - Alternative infills can help reduce synthetic turf field temperatures by as much as 30 degrees compared to crumb rubber infill from used tires

Backing-Recyclable Polypropolene fabric, over 1/2 of the polymers used to coat and seal are biobased

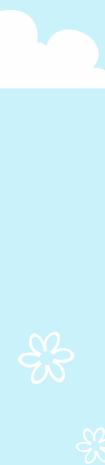
Base Rock-Permeable to allow for soil expansion. Soil testing and storm water testing to determine if amendment or remediation needed.



Draft Construction Schedule



ID	Task Name	Duration	Start	Finish	Timeline
1	DSA Approvals	40 days	Mon 2/28/22	Fri 4/22/22	1/23 1/30 2/6 2/13 2/20 2/27 3/6 3/13 3/20 3/27 4/3 4/10 4/17 4/24 5/1 5/8 5/15 5/22 5/29 6/5 6/12 6/19 6/26 7/3 7/10 7/17 7/24 7/31 8/7 8/14 8/21 8/28
2	Advertising & Bidding	30 days	Thu 3/10/22	Wed 4/20/22	
3	District Board Meeting for Contract Approval	1 day	Thu 4/21/22	Thu 4/21/22	
4	EXECUTE CONTRACT / PRODUCT SUBMITTAL REVIEW AND ORDERING / DELIVERIES	30 days	Mon 4/25/22	Fri 6/3/22	
5	Begin Site Demolition and all Site work	20 days	Mon 6/6/22	Fri 7/1/22	
6	Complete Construction and Site Furnishing Installation	30 days	Mon 7/4/22	Fri 8/12/22	
7	Project Punch List and Clean-up	5 days	Mon 8/15/22	Fri 8/19/22	



Regulatory Standards -----LGUSD Upgrade

DSA-Provides building permit and monitors Geotechnical (soil) reports, Storm Water and Cal Green Code Compliance (Water conservation).

Soil and storm water testing not required but used as baseline to amend or remediate soil and monitor any runoff into the storm drain.

Consumer Product Safety
Commission-Surface materials & Padding -
Regulates playground products. Focused on fall impact
AMSI Standards, lead paint, other material based hazards.

Following European and US product safety standards with ASTM E108 Class A rating

EPA-Regulates the manufacture, processing and distribution of chemicals.

All components meet US and European standards for heavy metals and have no detectable PFAS.

CA Prop 65-Requires business to provide warnings about significant exposures to chemicals

All Specified products are free from chemicals requiring Proposition 65 notification. No products contain lead

Next Steps Outdoor Classrooms



Board Decision

Outdoor Classrooms
Approved December
14, 2021



State DSA approval

Anticipated
2/28-4/22



Construction

Bidding 3/10-4/20
Contract approval 4/21
Construction 6/6-8/12



Maintenance

Ongoing
maintenance plan
followed



Solar Project Status Update



Board Decision

Solar PPA Contract
approved December
2020

State DSA approval

Completed
7/1/2021-12/31/2021

Construction

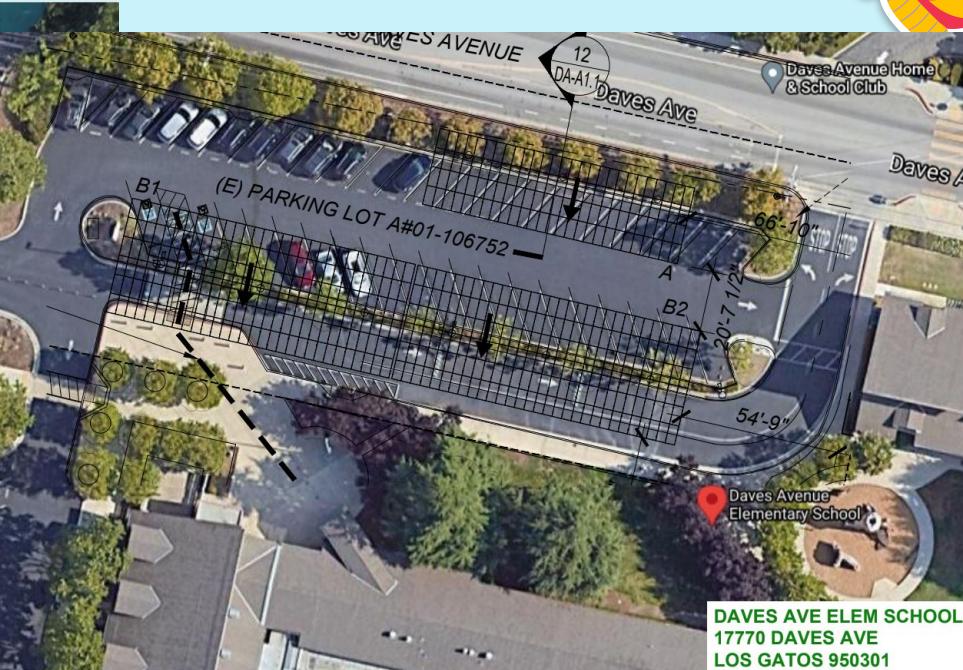
Bidding 1/21-2/21
Construction 3/1-8/12

PGE Interconnect & Maintenance

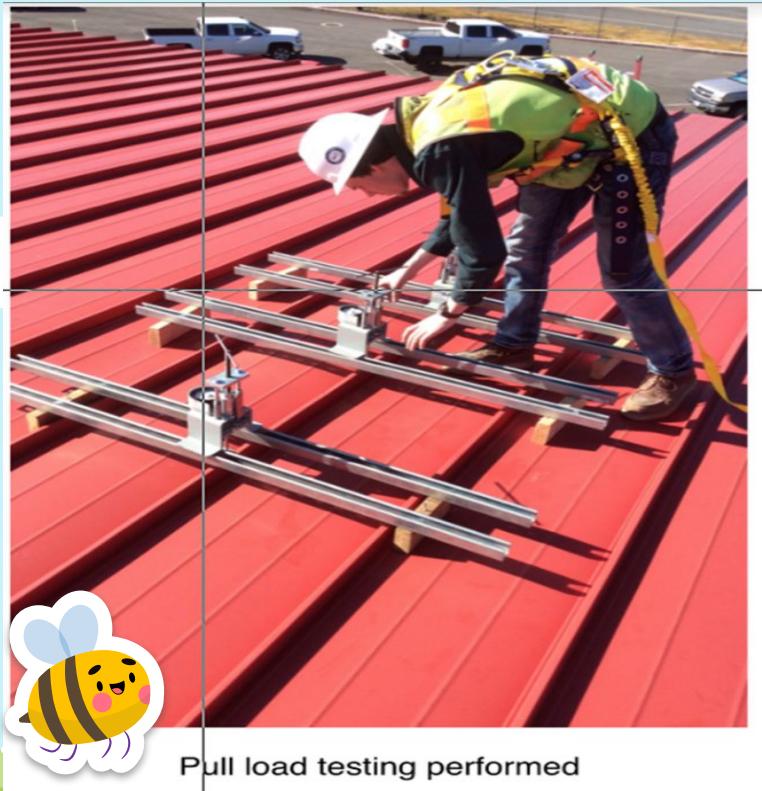
PGE Interconnect
12/31/22
Ongoing maintenance
provided by Forefront



Approved Solar Projects Blossom Hill and Daves Ave



Approved Solar Projects-Lexington & Van Meter



Approved Solar Projects-RJ Fisher



Solar Project Construction Dates



Blossom Hill

3/8-5/25



Daves Avenue

5/24-8/12



Lexington

5/30-8/12



Van Meter

3/8-6/2



RJ Fisher

3/29-6/27



Meeting Dates for Playfields Discussion



Blossom Hill

**Daves
Avenue**



❖ HSC 3/2 @8:15
SSC 3/17 @3:00

HSC 3/18 @9:00
SSC 3/30 @3:00

HSC 3/9 @8:40
SSC 3/17 @3:00

Van Meter

RJ Fisher

HSC 3/9 @3:30 Zoom
SSC 3/9 @3:30 Zoom

HSC 3/15 @5:30 Zoom
SAC 3/16 @5:30 Zoom



Thanks!

Do you have any questions?

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