



# Measure G and Facilities Projects Update

Board Workshop

March 23, 2021

Presented By

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Director, Facilities, Maintenance, Operations, and Transportation



# Summer 2021

Projects to start from now and through the summer of 2021

- ▶ Los Alamitos ES Kindergarten Playground
- ▶ Los Alamitos ES Lower Playground
- ▶ Lee ES Upper Playground
- ▶ Weaver ES School Upper Playground
- ▶ Hopkinson ES Kindergarten Playground
- ▶ Hopkinson ES Security Fencing
- ▶ McGaugh ES Gutter Replacement and Storm Drainage Modification
- ▶ McGaugh ES HVAC Pelican Control Systems
- ▶ Oak MS HVAC Replacement @ Portable Classrooms and Pelican Control Systems



# Los Alamitos ES

Kindergarten Playground Replacement



Lower Playground Replacement

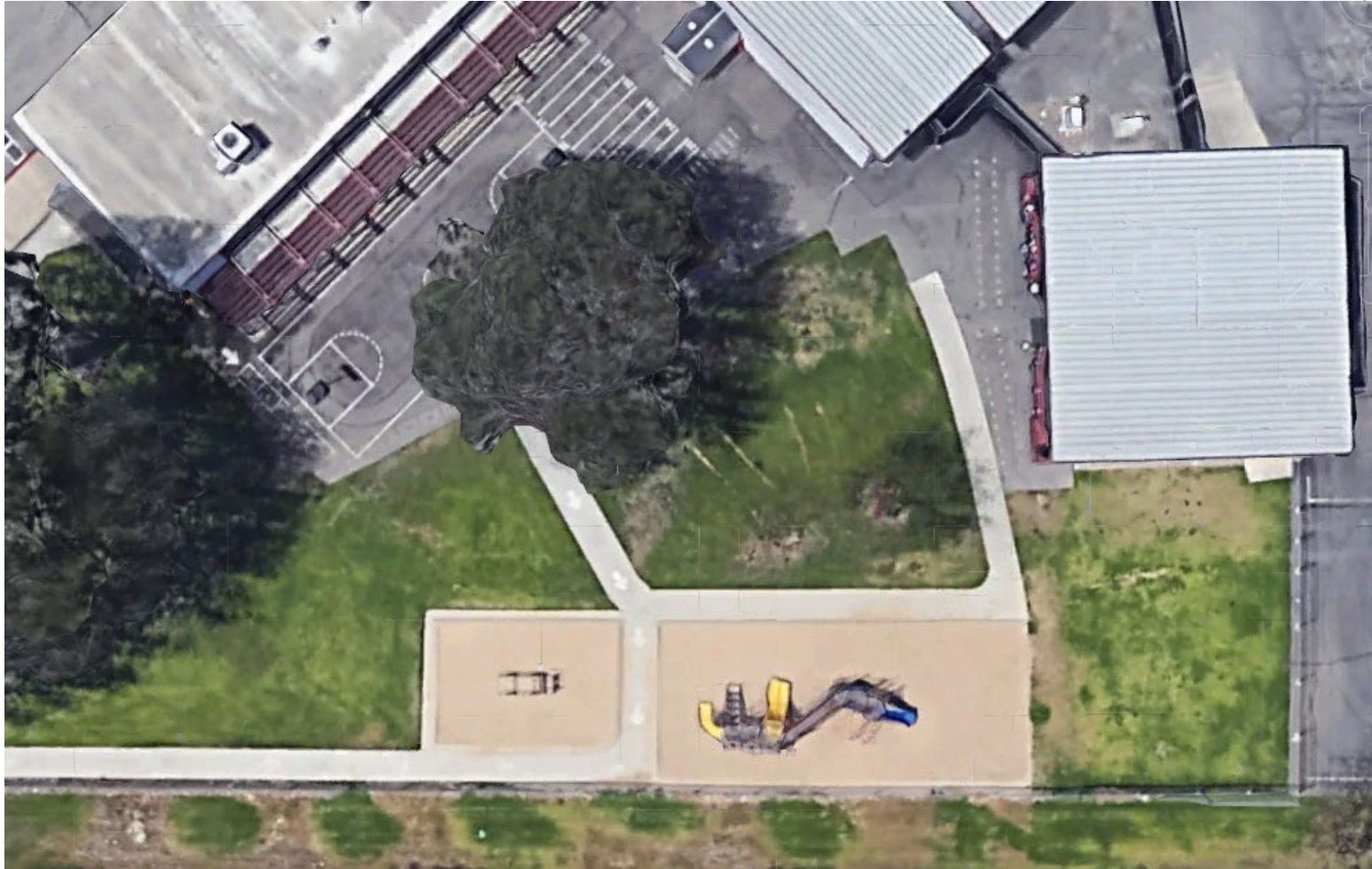


Vision Screen at Fencing



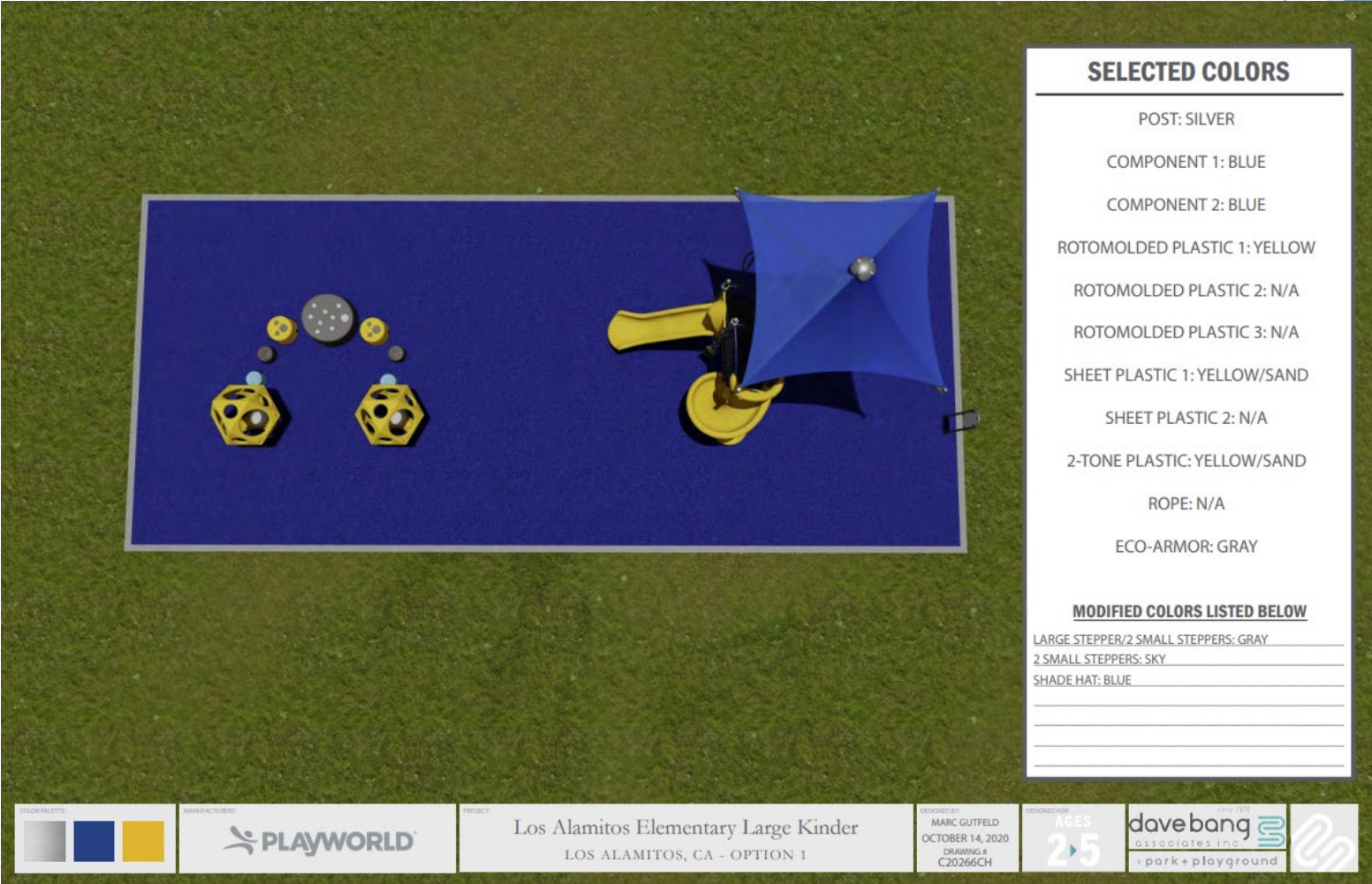


# Los Alamitos ES Kindergarten Playground Replacement





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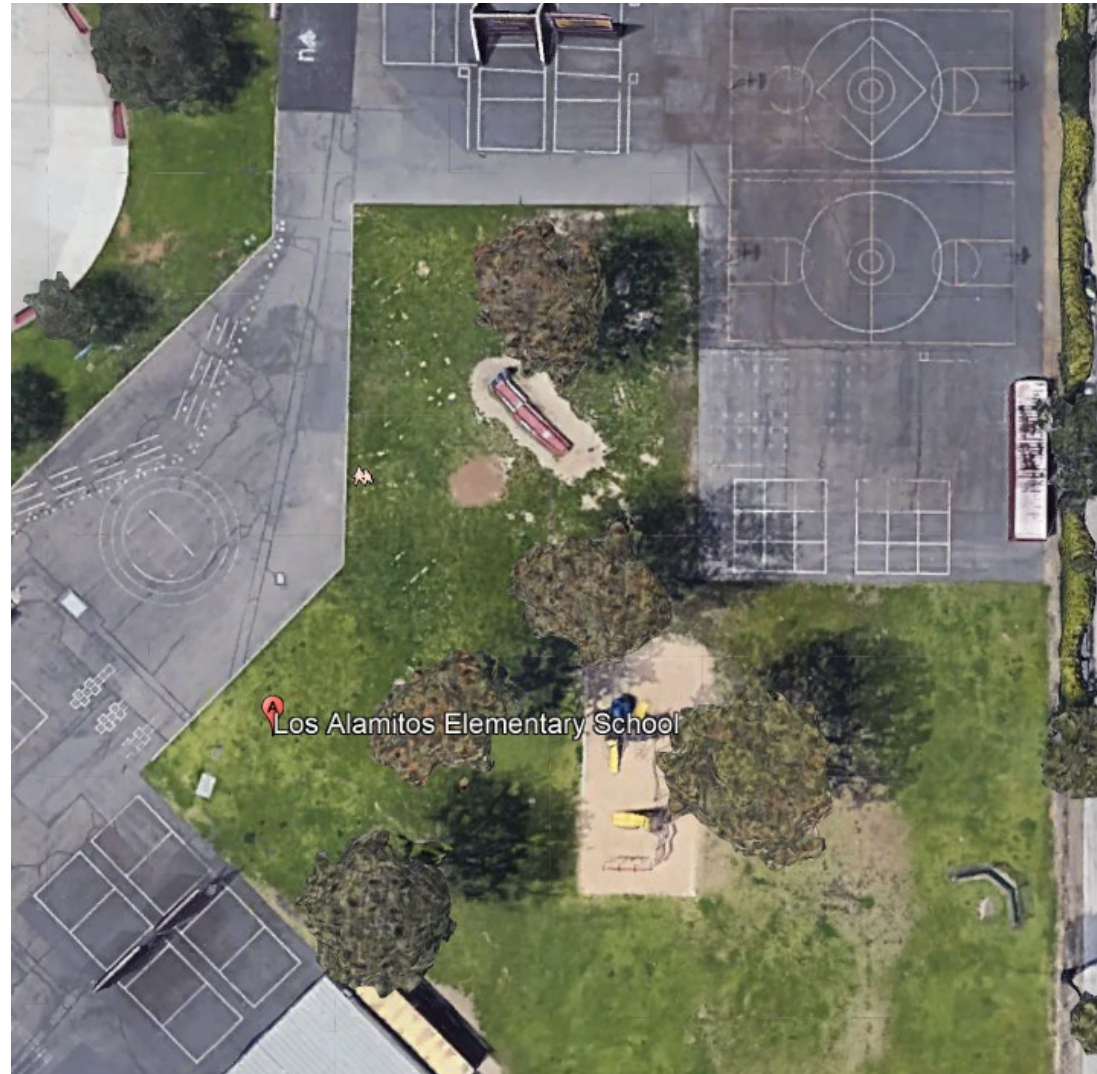




# Los Alamitos ES Kindergarten Playground Replacement

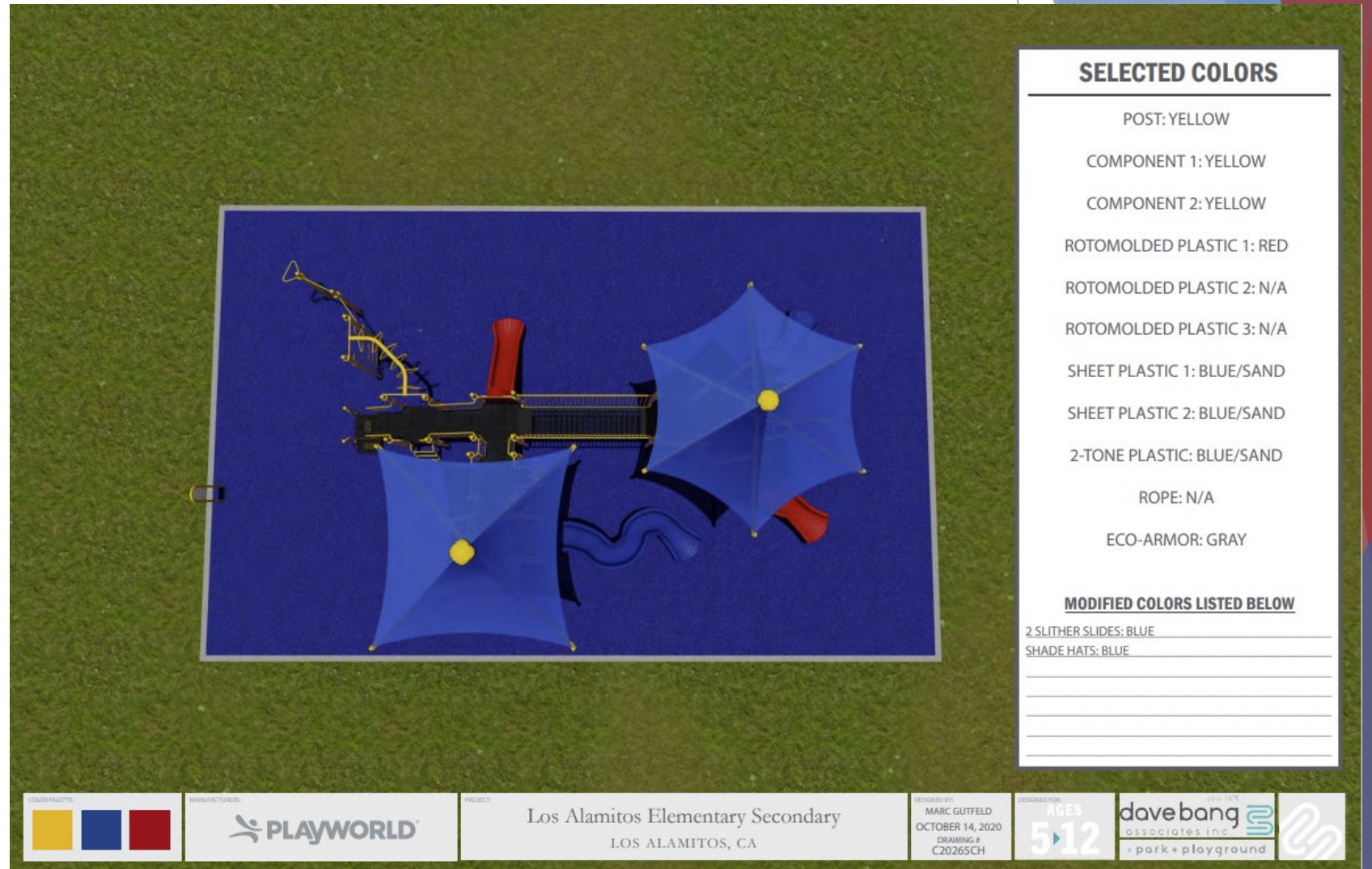


# Los Alamitos ES Lower Playground Replacement





# Los Alamitos ES Lower Playground Replacement



# Los Alamitos ES Lower Playground Replacement

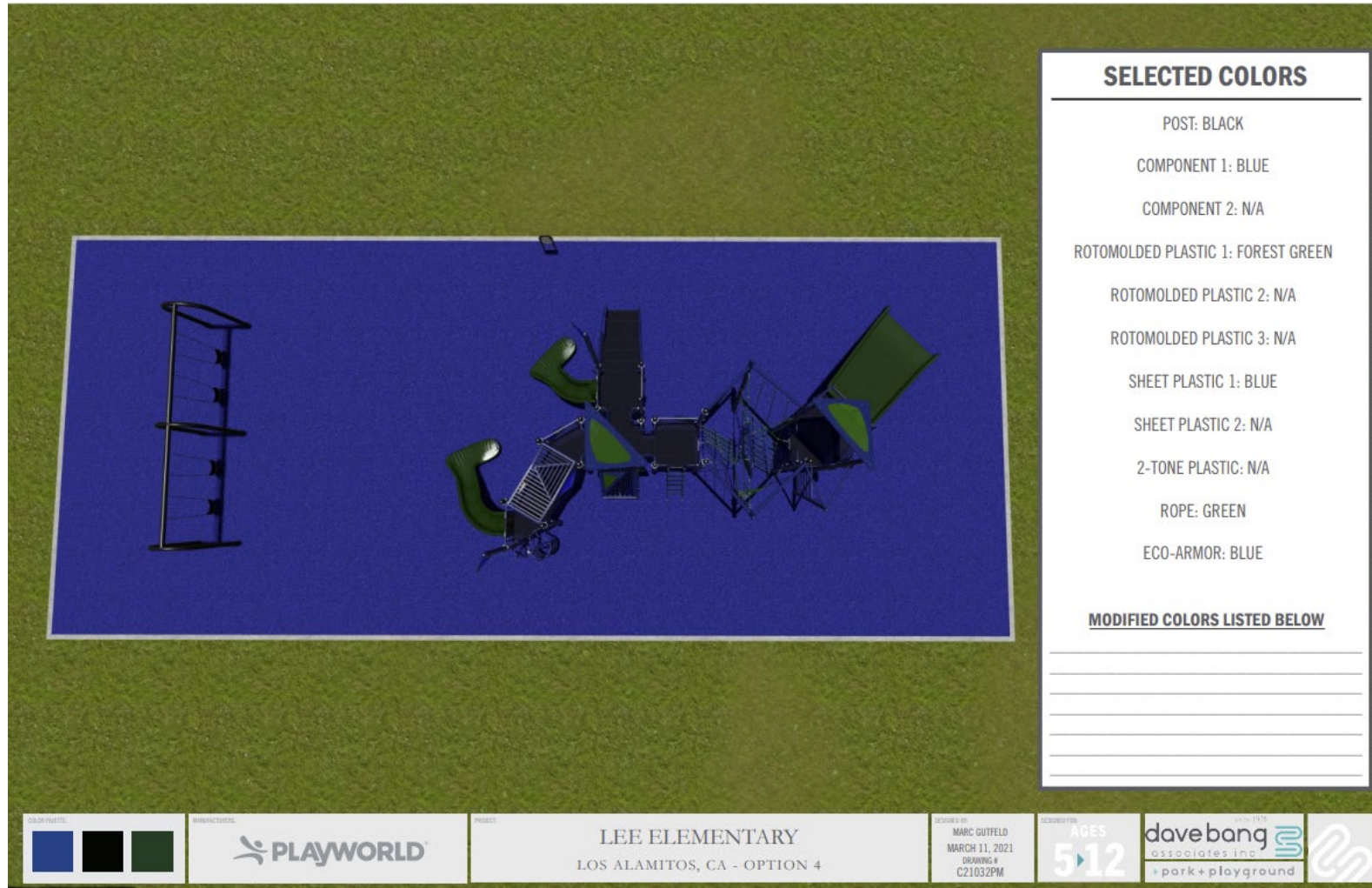




# Lee ES Upper Playground Replacement



# Lee ES Upper Playground Replacement





# Lee ES Upper Playground Replacement



# Lee ES Upper Playground Replacement

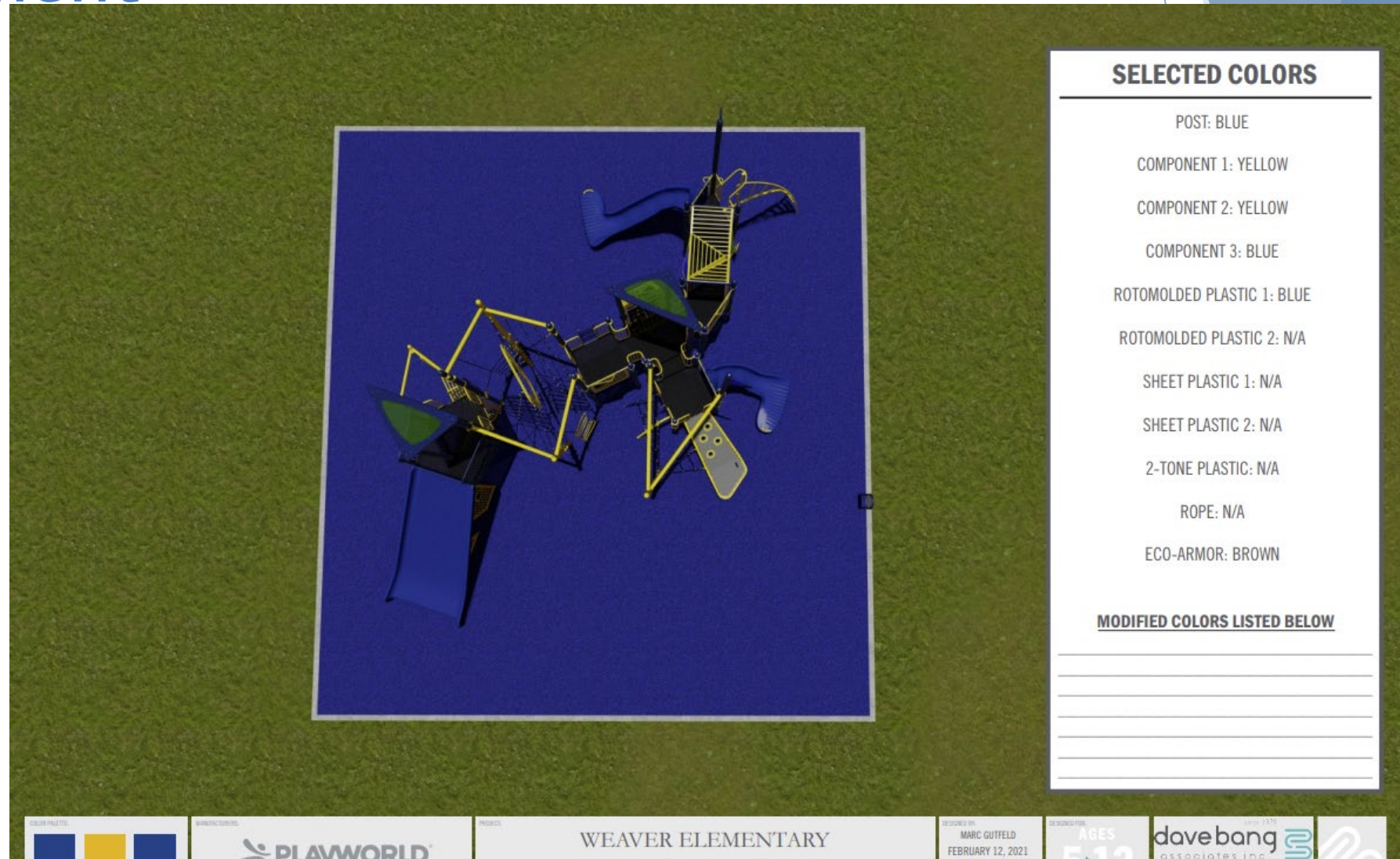




# Weaver ES Upper Playground Replacement



# Weaver ES Upper Playground Replacement



## SELECTED COLORS

POST: BLUE

COMPONENT 1: YELLOW

COMPONENT 2: YELLOW

COMPONENT 3: BLUE

ROTOMOLDED PLASTIC 1: BLUE

ROTOMOLDED PLASTIC 2: N/A

SHEET PLASTIC 1: N/A

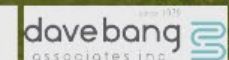
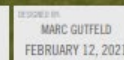
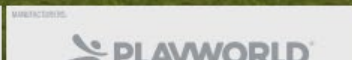
SHEET PLASTIC 2: N/A

2-TONE PLASTIC: N/A

ROPE: N/A

ECO-ARMOR: BROWN

## MODIFIED COLORS LISTED BELOW





# Weaver ES Upper Playground Replacement



# Weaver ES Upper Playground Replacement

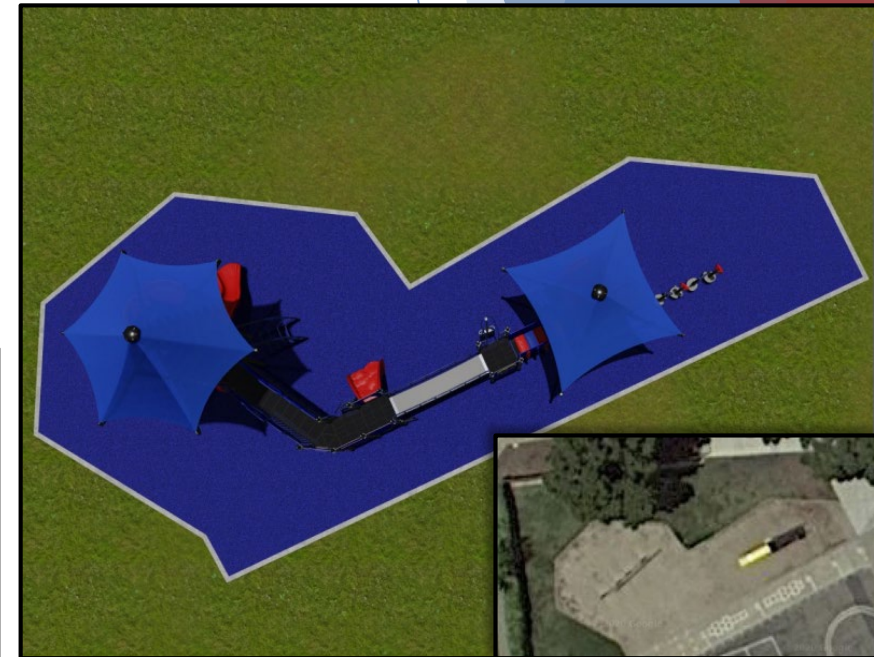




# Hopkinson ES Kindergarten Playground Replacement

Material has been fabricated and construction is scheduled to begin over spring break.

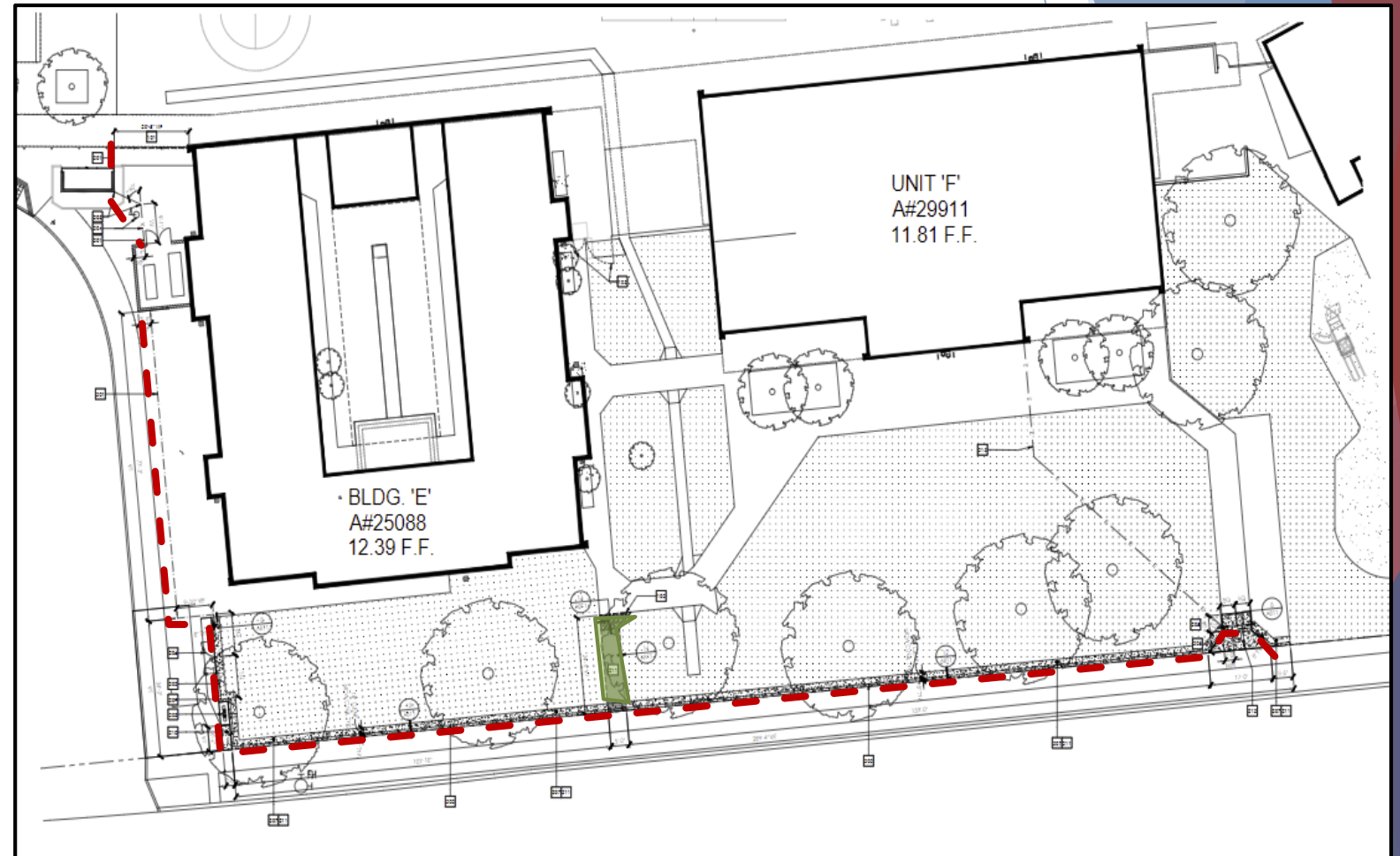
Contractor to begin mobilization next week.



# Hopkinson ES Security Fencing

Project is currently re-bidding and a job walk is being hosted with contractors this week.

Once bids are received, the project will be recommended to the Board for award in April.

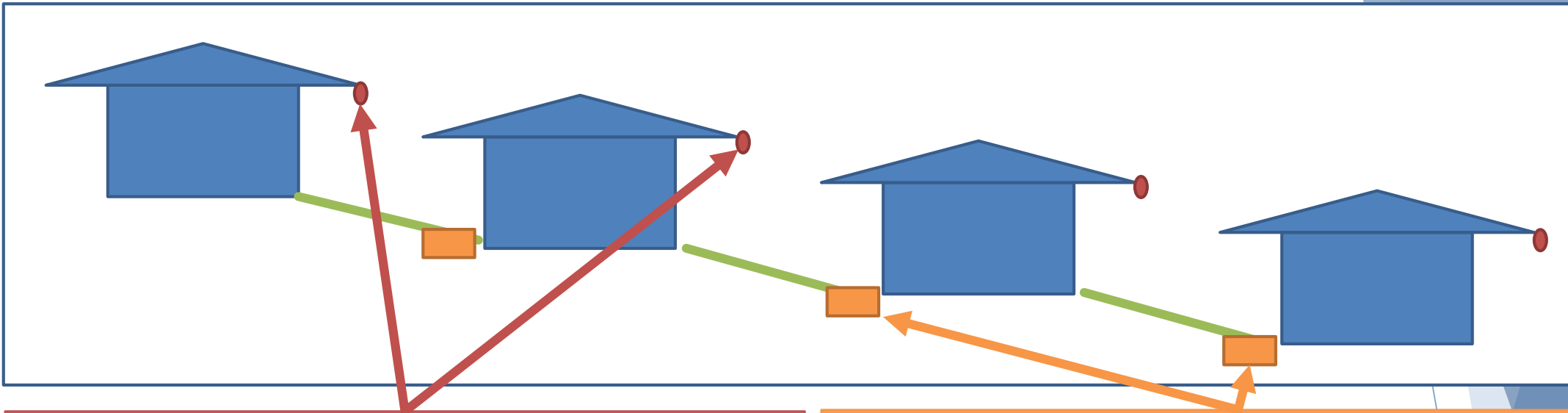




# McGaugh ES Gutter Replacement and Storm Drainage Modification

- Due to corrosion the gutter system at McGaugh requires a complete replacement with additional gutters at the back side of each building
- In addition, concrete v-ditch gutters are being installed in grass areas to help shed water to the storm drain system





- Additional Gutters at back side of buildings

- Concrete V-Ditch Gutter

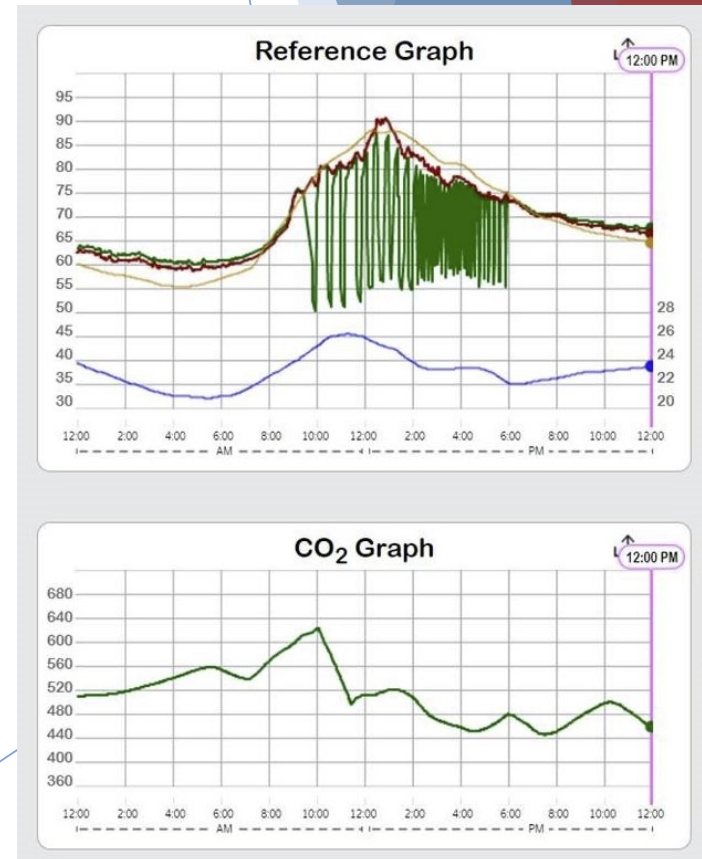
- Water to drain to main storm drain





# McGaugh ES and Oak MS Pelican HVAC Controls

- Pelican Wireless offers analytics, scheduling, and diagnostics of the District's HVAC systems.
- Notifications are sent to District Maintenance if an HVAC unit is not operating properly
- Provides analytics and real-time information regarding the air quality of our classrooms, which has proven to be a useful tool with COVID-19 as well.
- Allows for remote HVAC Controls for events or situations that are not part of the District's HVAC schedule
- The control systems are also designed to help reduce energy use by our HVAC systems by automating the economizers when not under COVID-19 circumstances.
- Currently installed at Los Alamitos High School
  - Graphical information is being used to calculate air refresh rates and provide confirmation of air quality in classrooms.



# Solar Update

- ▶ 7 of the sites ready for approval
- ▶ 3 sites require further review
  - ▶ Oak MS
    - ▶ Determining easement flexibility with Southern California Edison
  - ▶ McGaugh ES
    - ▶ Rendering requested and potential city tree removal
  - ▶ Lee ES
    - ▶ Surveying neighbors regarding location tomorrow, 3/24/21



# Los Alamitos HS Multistory STEM Building





# Los Alamitos HS Multistory STEM Building





Los  
Alamitos HS  
Multistory  
STEM  
Building





# Los Alamitos HS Multistory STEM Building





# Upcoming Large Projects at Los Alamitos High School

Second Gymnasium

Classroom  
Modernization

Performing Arts Center  
Modernization

Finalizing cost estimates for (4) options of the Gymnasium.

3-court vs. 2-court

Competition vs. Practice

Cashflow

Preparing a cost itemized menu of modernization options.

- Includes option to modernize the Performing Arts Center

# THANK YOU!

▶ QUESTIONS?

▶ FEEDBACK?