



Dublin High School Engineering Academy





History

- Approved as part of the Measure E project list in 2013
- Bond Re-prioritization 2015
 - \$4.5M - Engineering Academy
 - \$17M - DHS Classroom Building
- Programming Document was completed in November 2015
- Facilities Committee Review and Input
- Initial Cost Estimate and Budget

June 28, 2016





Options Studied

- Renovation of Existing Building with a 2-story addition.
- Demo existing building and replace with multi-story building to maximize program & footprint.

June 28, 2016



Engineering Building Location

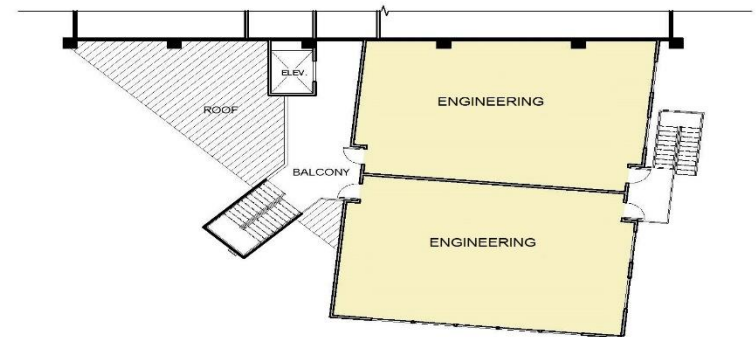


Modernization of Building EE



LEGEND

- Classroom
- Workshop
- Office
- Support
- (E) Bldg
- Circulation



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Floor Plans - Modernization and Addition

DUSD Engineering Complex

Graphic Scale: 1 inch = 10 feet

0 10 20 30 40



1

04/28/16



Modernization Building Elevation



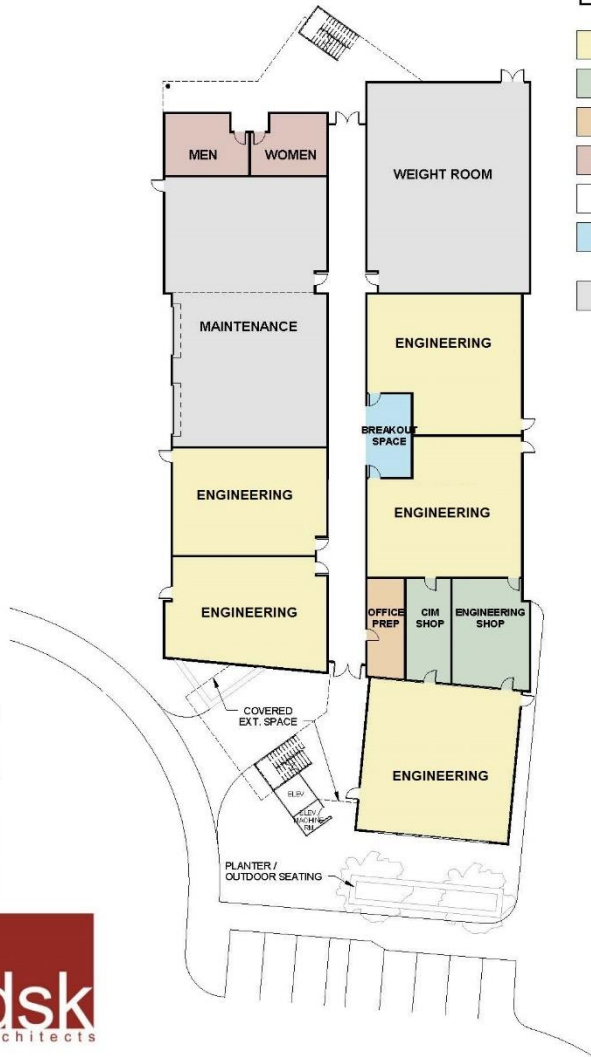
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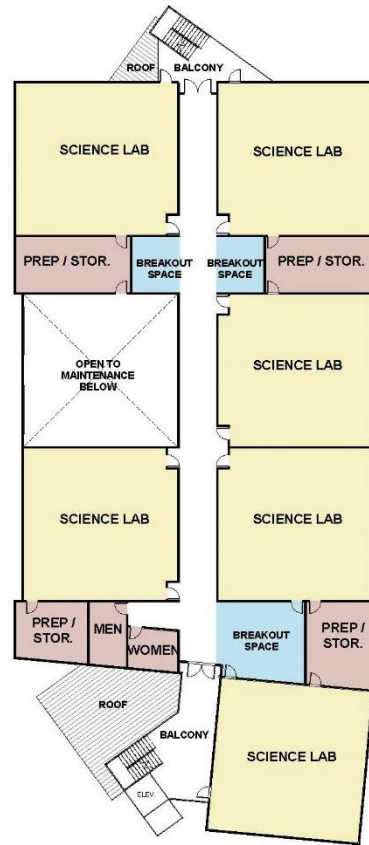
New 3-Story Engineering & Science

LEGEND

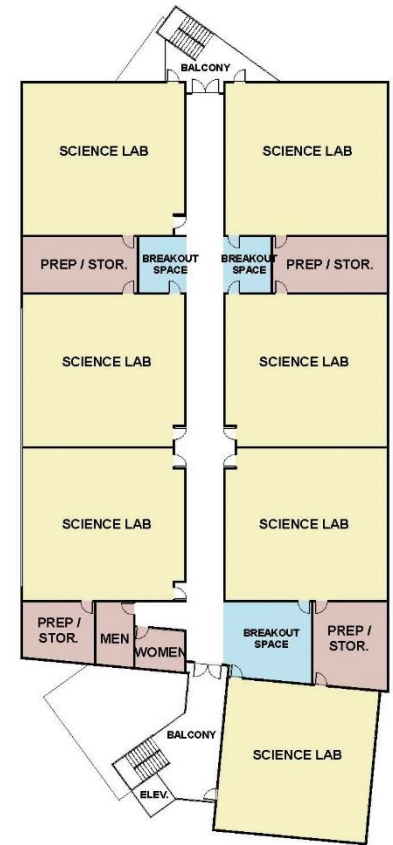
- Classroom
- Workshop
- Office
- Support
- Circulation
- Breakout Space / Exterior Classroom
- Campus Spaces



② Level 2 Plan
1" = 20'-0"



③ Level 3 Plan
1" = 20'-0"



Floor Plans - New Building

DUSD Engineering Complex



05/03/16

New 3-Story Building Elevation Options





Cost & Area Study

<u>Description</u>	<u>Estimated Project Cost</u>	<u>Square Footage</u>	<u>\$/SF</u>	<u># of Classrooms Added</u>	<u>Estimated Time Duration</u>
Modernize existing Building EE <ul style="list-style-type: none"> - Includes Electrical, Mechanical, Plumbing, and Structural systems upgrades. - Renovations to the existing maintenance shop. - Minor upgrades to the existing weight room. - New restrooms per code requirements. - Modernization of existing space for 2 Engineering labs. - New 2-story addition with 3 additional Engineering classrooms, shop space, and teacher offices. 	\$9,500,000	14,785	\$642.54	5	2 Years
New 3-story Building <ul style="list-style-type: none"> - Demo Existing Building. - Includes interim housing for maintenance shop. - Maximize area footprint with new building. - New maintenance shop and weight room. - New restrooms per code requirements. - All Engineering program space on the 1st floor. - Science flex labs on the 2nd and 3^d floors. 	\$28M-\$32M	44,375	\$633.24	18 (Engineering 5, Science 13)	3-4 Years

June 28, 2016



Project Schedule

■ Modernization Option

- Design: Summer 2016 – Spring 2017
- Construction: Summer 2017 – Summer 2018
- Move-in: Fall 2018

■ New Engineering & Science Option

- Programming: Summer 2016 – Fall 2016
- Design: Fall 2016 – Winter 2018
- Construction: Summer 2018 – Spring 2020
- Move-in: Spring/Summer 2020

June 28, 2016





Summary

- Both options need additional allocation of funds.
 - Modernization Option requires
 - \$5M shift in Measure E funds.
 - Consistent with 2015 bond reprioritization.
 - New Engineering & Science option requires
 - \$17M shift in Measure E funds
 - \$6.5M-\$10.5M allocation from Measure H funds
 - Consistent with bond priority list.

** Both Projects are eligible for State reimbursement.*

June 28, 2016





Next Steps

- Board Clarification on preferred options.
- Authorization to proceed with design.

June 28, 2016

