

TAMALPAIS UNION HIGH SCHOOL DISTRICT

Tam High STEAM* Building Replacement Schematic Design

(formerly known as Signature Project)

August 22, 2023

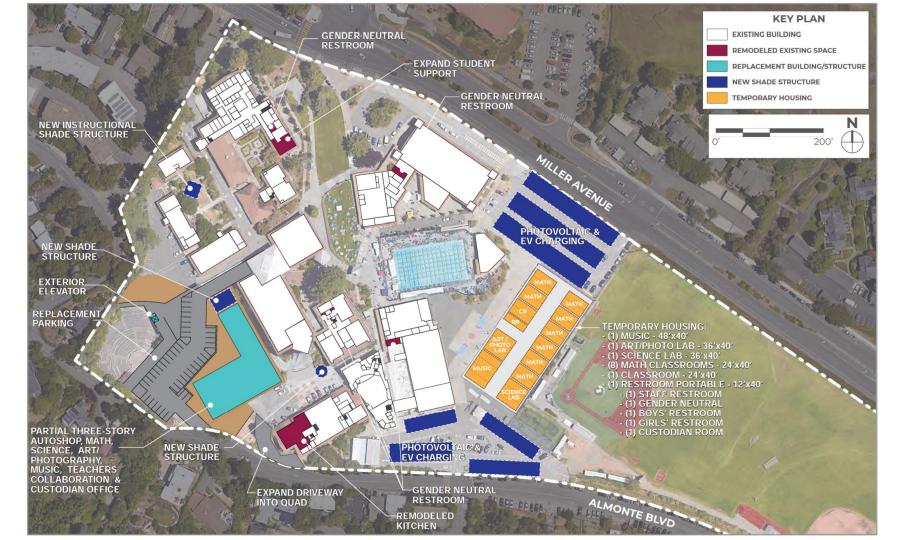
*Science, Technology, Engineering, Arts & Mathematics

AGENDA:

- STEAM Project Review
- Tam High STEAM Project Schematic Design
 - **Background**
 - Programming & Design Process
 - Site Analysis/Site Concept
 - **C** Schematic Design Views & Building Layouts (3 Buildings)
 - Project Cost Estimate
 - Project Schedule
- Next Steps
- Questions?

Project Review from Facilities Master Plan (FMP)







Tam High STEAM Building Replacement

Schematic Design Presentation



STEAM = Science, Technology, Engineering, Arts and Math

EXISTING CONDITIONS









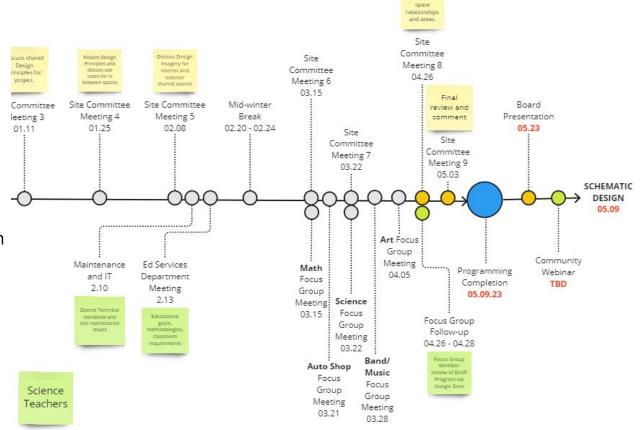
Facilities Master Plan

- Identified need to replace existing buildings that are at the end of their life
 - Benefield Hall -Storage
 - Woodruff Hall Math
 - Greenwood Hall Music and Auto Shop
 - Science Classroom
- Improve parking, utilities and access to the back of campus



Programming and Design Process

- Meetings with Site Design Committee:
 - Teachers
 - Administrators
 - Students
 - Parents
- Focus Group Meetings with other Stakeholders



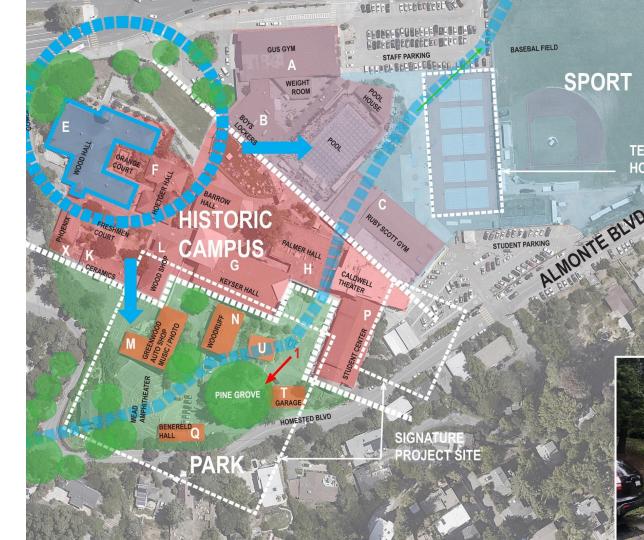
Review Draft

Project Design Principles

- Dynamic Learning Environments: Create classrooms and a variety of indoor and outdoor learning environments that support education program needs through thoughtful consideration of physical amenities (technology, proper ventilation, lighting, etc.) Learning Environments shall also foster user well-being, collaboration, support, socializing, contemplation, and connection.
- Student Ownership and Pride: Create spaces that students and the community are proud of; that allow students to feel comfortable and welcome to find their place on the Tam High campus.
- Connection to the Site: New buildings and outdoor spaces should create a connection to the unique place that is Tam High, including the natural environment and the rich history of the school. Designs should celebrate and memorialize the physical history of the campus while improving the access, safety, and security for its students and staff.
- Be a Good Neighbor: Make positive improvements to the relationship between the campus and the neighborhood by minimizing visual and construction impacts and maintaining parking and improving access and circulation.

Site Analysis

- Three campus zones
- Lowest area for Sport and parking
- Middle zone of the Historic Campus providing the main academic spaces
- Back zone that combines academic buildings, Wood Amphitheater and utilitarian uses



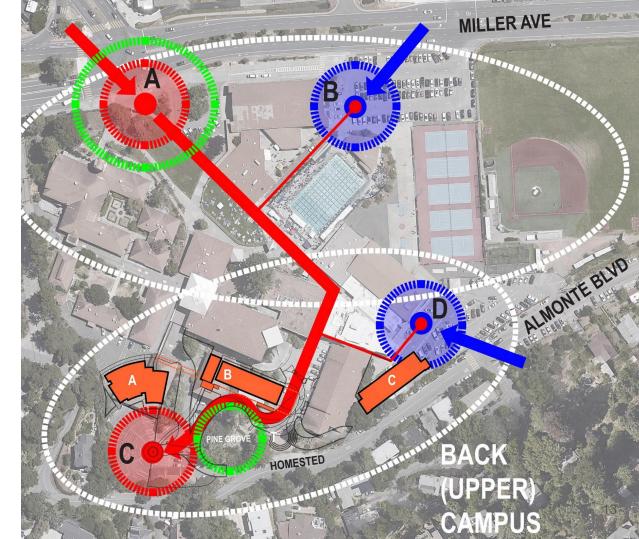
Site Concept

- Re-imagine back of campus as a park
- Create 3 Buildings to address the topography and program adjacencies
- Preserve larger existing trees
- Connect new buildings to the landscape and nature



Site Concept

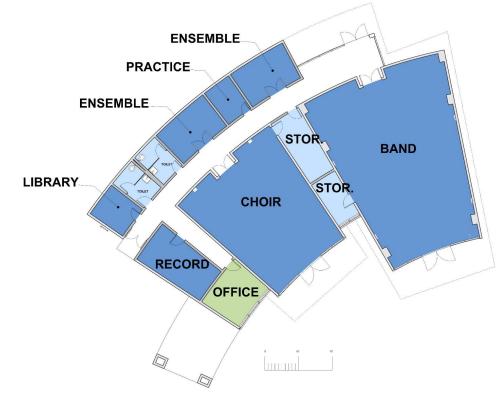
- Create strong connection through the campus to Wood Amphitheater
- Use the new buildings to address accessibility issues and connect all levels of the campus
- Replace aging utilities in the project area







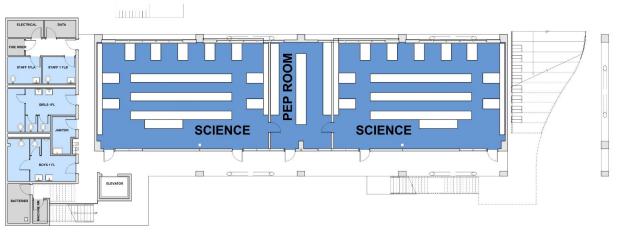
Building A - Music



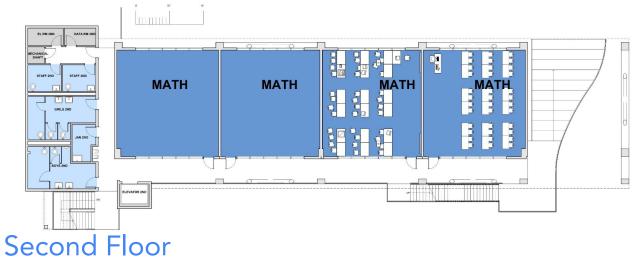
View of Music Building



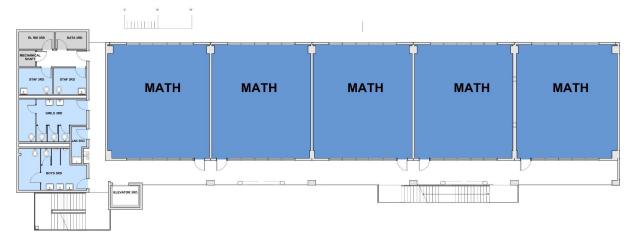
Building B -Classrooms



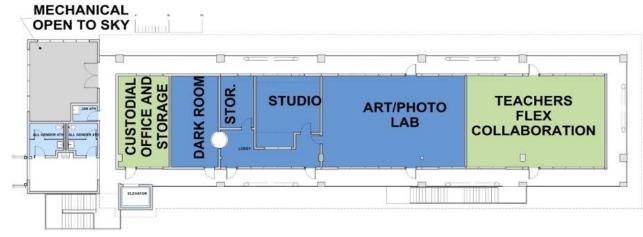
First Floor



Building B -Classrooms



Third Floor



Fourth Floor

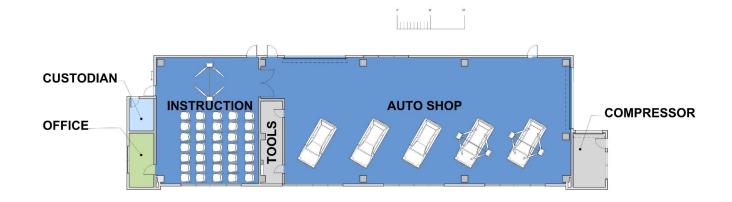
View from Quad



Classroom Interior Concept



Building C – Auto Shop



Building C from South



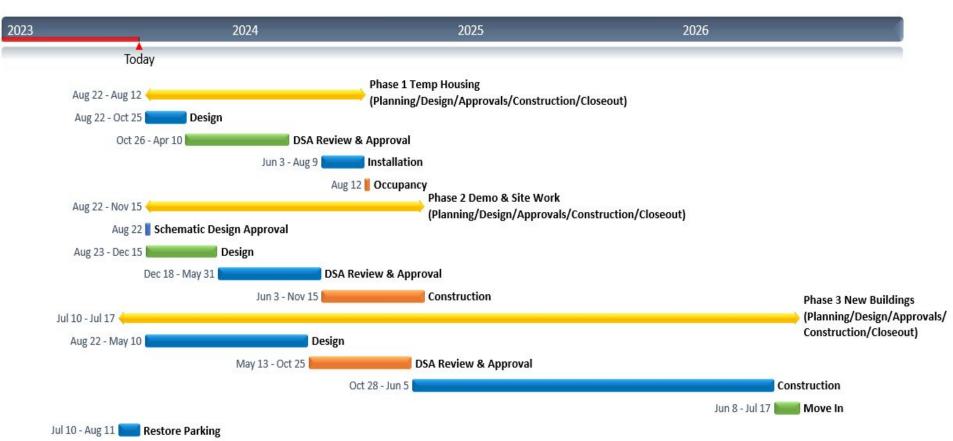
STEAM Replacement Building SD Project Budget

Item	Cost Estimate (as of August 22, 2023)	
Construction Cost	\$	51,464,614
Contingencies	\$	10,550,246
Soft Costs	\$	9,385,773
ADA Improvements *	\$	7,719,692
Escalation (2 years @ 5.5%)	\$	8,942,575
Total Proposed Project Cost **	\$	88,062,900
Approved FMP Budget	\$	90,255,409

* ADA Improvements Allowance Reduced from 20% to 15% because Path of Travel is included in Construction Cost

** Temporary Housing is accounted for in a separate budget

STEAM Replacement Building Project Schedule



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Next Steps

NEXT STEPS - STEAM Replacement Building

• Begin Design Development (DD) phase of project

- o 100% design at end of DD phase
- Schematic Design (SD) phase = 15% to 20% design
- Complete Temporary Housing (Portable Classrooms) Design based on Geotechnical Report findings for during potential construction phase

Community Engagement Meetings

- Tamalpais HS Site Design Committee SD Update Presentation TBD
- Post SD Info on TUHSD Website (Modernization Page) *Pending Board Approval*
- Back to School Night Presentation (September 21, 2023)

QUESTIONS?

