

## SCHOOL DATA

Established:	1951
Classrooms:	95
Building Area:	233,214 sq. ft.
Site Area:	37.55 acres
Students in 2014:	2,167
Students in 2020 (Projected):	2,603



LPA

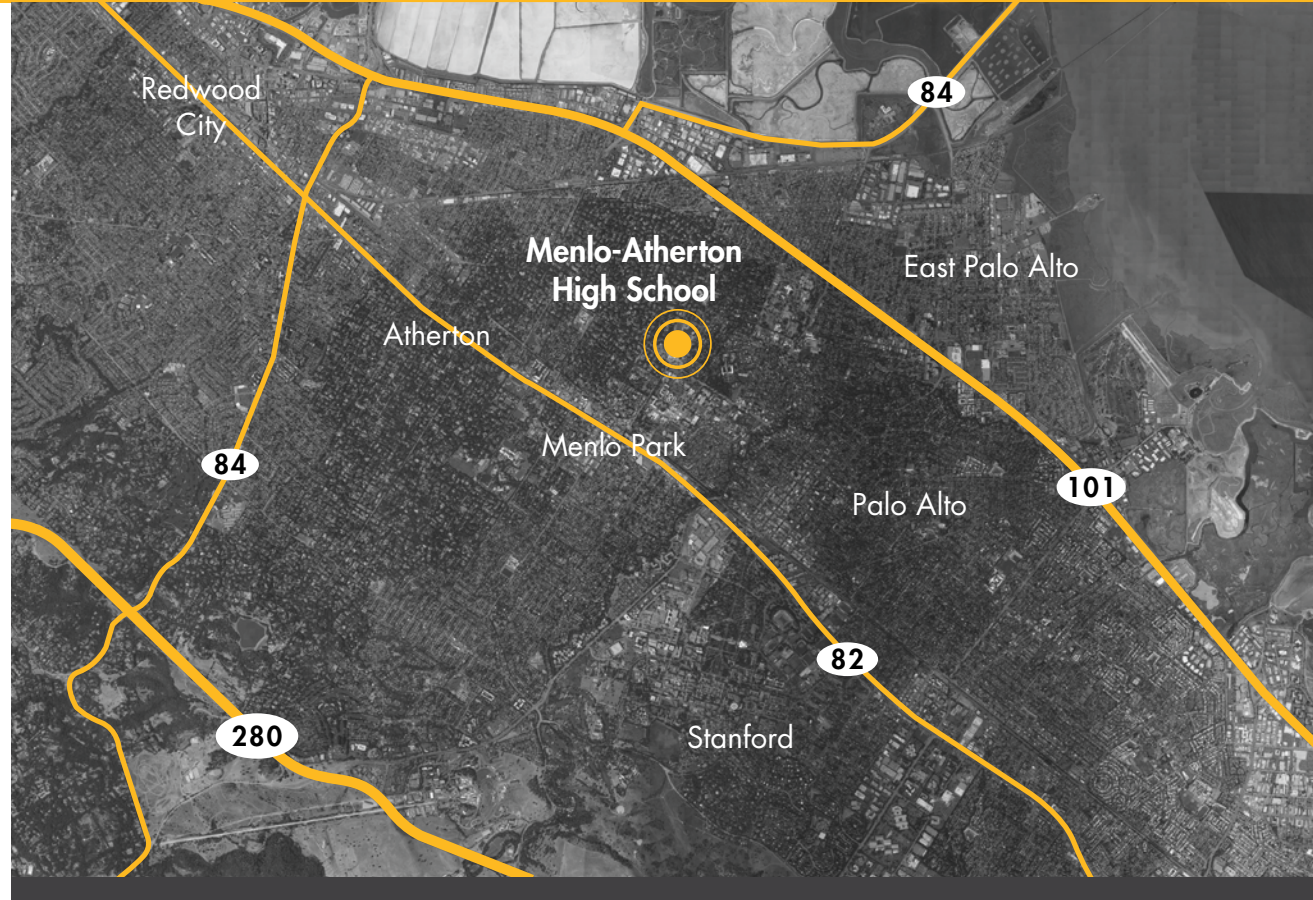
MENLO-ATHERTON HIGH SCHOOL



# MENLO-ATHERTON HS: BACKGROUND

Menlo-Atherton is a four-year public comprehensive secondary school located in Atherton, California, a suburban community between San Francisco and San Jose in close proximity to Stanford University and Silicon Valley. Established in 1951, the school is part of the Sequoia Union High School District, which consists of four comprehensive high schools and a continuation high school. The school serves the cities of Atherton, Menlo Park, Redwood City, East Palo Alto, and Portola Valley, supporting a diverse community with high academic expectations. The school was named one of the top secondary schools in the nation by the United States Department of Education as part of its National School Recognition Program and recently also awarded California Distinguished School by the State Department of Education.

The current enrollment at Menlo-Atherton High School as of January 2015 is 2,167 students. The existing campus has a total of 95 Classrooms/Teaching Stations. Enrollment is projected for the next 5 years to increase to 2,603\* in October 2020, resulting in a need of 117 Classrooms. (\*Enrollment projection per District demographics consultant).



# PLANNING PROCESS: OVERVIEW

The Site Facility Master Plan Committee (SFMPC) for Menlo-Atherton High School was formed with a group of dedicated participants who met in a series of scheduled meetings throughout the master plan process. The process included open discussion and activities to gather information on existing conditions and issues, and come to consensus on the committee's long term goals, opportunities and possible solutions. The process began in July 2014 and will conclude with a final presentation to the Board of Education in April 2015.

The first focus of the committee's meetings was on Phase 1 requirements for accommodating growth at the site. The recommendations were summarized in the "Facilities Master Plan and Phase 1 Project Board Update" document presented to the Board on August 28, 2014. In order to ensure we were able to meet the construction schedule, the team in collaboration with the District decided to split the Phase 1 project into two increments: Increment 1 which includes the site utilities, and Increment 2 which includes the building. Construction for Increment 1 is projected to commence from May 29 - Sept. 10th, 2015 and for Increment 2 from Oct. 26, 2015 - Dec. 30, 2016.

As a concurrent project, the SFMPC began to discuss in September 2014, the longer term needs of the campus beyond the Phase 1 Classroom building. These included the 5-Year Capital Repair Plan scopes, Phase 2 new construction to accommodate growth, and Phase 3 modernization needs and support program spaces improvements, as well as proposed future projects. Below is an overview of the SFMPC meetings and agendas.

The following is a summary of the topics discussed at each of the Facilities Master Plan Site Committee meetings:

## Meeting #1

- Review meeting dates & agendas
- Start Capital Repair Plan scope of work discussion
- Discuss appropriate forums for authentic engagement of stakeholder community
- Pride Hallway student circulation

## Meeting #2

- Facilities Needs Assessment Survey Report
- Capital Repair Plan items
- Facilities Task Force (FTF) projects and budget
- Demographic projections analysis
- Educational program opportunities
- Student toilets discussion

## Meeting #3

- Demographic Projections overview
- Graduation requirements
- Teaching station analysis
- Review FTFNA Budgets
- Discuss Phase 2 scopes of work and review feedback from Stakeholder groups outreach meetings
- Present idea plans and master plan options
- Present preliminary educational program

## PHASES COST

MEASURE A	PHASE	EST. COST
	Phase 1	\$28,062,865
	5-Year Capital Repair	\$5,245,988
	Phase 2	\$15,769,478
	Phase 3	\$2,812,125
	TOTAL	\$51,890,456

# PLANNING PROCESS: STAKEHOLDERS

## Meeting #4

- FTFNA Budget review and discuss deltas
- Review modernization scopes of work
- Present Pride Hall proposed improvements
- 5-Year Capital Repair Plan scopes of work vs. budget
- Teaching station analysis
- Present Educational Programs
- Discuss Phase 2/3 master plan options
- Discuss proposed Unfunded Phase projects

## Meeting #5

- Present draft Facility Master Plan
- Enrollment projection analysis v. teaching stations v. phasing of projects
- Review estimated costs vs. FTFNA budget
- Phase 2 options

## Meeting #6

- Present revised draft Facility Master Plan
- Overview of Phase 1, 2, 3, Capital Repair Plan and long term unfunded projects
- Capital Repair Plan priorities as defined by M&O group
- Phase 2 proposed building program and test fit
- Define Phase 3 modernization priorities
- Review estimated costs vs. FTFNA budget
- Discussion + Next Steps

## M&O Meetings (various meetings)

- Discuss site needs
- Define and prioritize 5-Year Capital Repair Plan scopes of work

## Student Meeting

- Red dot/ Green dot exercise
- Campus likes vs. dislikes discussion
- 'If you could dream' discussion

## PTA Meeting

- Update of new Phase I project

- 'If you could dream' discussion

## Staff Meeting

- FMP update presentation

## STAKEHOLDERS

### Site Facility Master Plan Committee

Matthew Zito	Principal, M-AHS
Brien Oliver	Plant Manager, SUHSD
Christopher Tinsley	Student, M-AHS
Elizabeth Katz	Parent Representative
Laura Duran	Guidance, M-AHS
Patrick Maier	Teacher, M-AHS
Robert Fishtrom	Technology, SUHSD
Ruben Guerrero	Student, M-AHS
Simone Kennel	Asst. Principal, M-AHS
Jim Kisel	LPA, Inc.
Wendy Rogers	LPA, Inc.
Katia McClain	LPA, Inc.
Jomay Liao	LPA, Inc.

### Student Meeting Participants

Emily Addicott  
Sophie Frank  
Reyna Arroyo  
Sophie Bock  
Diana Gruber  
Paige Muschott  
Diana Bojorquez



# SUMMARY

At the start of the facilities master plan (FMP) process, the Site Master Plan Committee was formed for Menlo-Atherton High School (M-AHS). The committee members included both staff and students, with LPA as the master plan consultant. In addition to committee meetings, stakeholder outreach included several meetings with Maintenance & Operations, student interview with follow up survey, teacher/ staff presentation, discussion and survey, a PTA presentation, discussion and survey, and open-to-all townhall meetings where students and the community were involved.

The first meeting set the tone for the planning process and established meeting dates and agendas. A meeting with Maintenance and Operations (M&O) group to discuss and establish scope for the Capital Repair Plan was set. Discussion regarding Pride Hall, a major student circulation access at M-AHS and concerns with student restroom access and quantity of fixtures was also initiated.

Meeting #2: the committee discussed the projected teaching station analysis presented by LPA, based on graduation requirements, existing teaching stations and preliminary demographic projections. The school's enrollment is projected to increase from 2,167 to approximately 2,643 by 2020. This number has now been corrected by the District's demographics consultant to 2,603 which would result in an increase in required teaching stations from 95 to 114, assuming the current Classroom to teacher ratio of 0.85. If the District classroom to teacher ratio of 0.95 was to be met, this would increase the need for teaching stations

even more. LPA also reviewed with the committee the results of the facilities needs assessment, and presented potential solution options. Other educational program opportunities discussed included clustering of classrooms by subjects, locker room and student service office needs.

Meeting #3: the demographic projections were further reviewed and an analysis was presented to demonstrate the number of teaching stations required versus phase of work. The budget established by the FTFNA was reviewed and initial locations of Phase 2 new construction scope of work were explored. LPA took into account committee comments to develop the options for Phase 2 presented at the next meeting.

Meeting #4: the scope of work and the budget vs. actual costs for Phase 3 modernization scope was discussed in further detail. The committee agreed that the scopes of work will need to be prioritized to meet the budget amount. The proposed improvements to Pride Hall to enhance the circulation, was approved by the committee. The Capital Repair plan was discussed and because there is a negative delta between the budget allocated vs. the school's needs, the Committee agreed these would need to be prioritized by M&O. Phase 2 options were presented and the Committee liked the idea of two separate buildings; one to replace the existing Food Service Kiosk and Restroom buildings and another to house the Labs. The committee asked LPA to explore locating the Lab building at the tennis court to the East of the Library. Long term Master Plan Future / Unfunded Projects were discussed. The group agreed to include a better school entry, locker room improvements,

Team Rooms addition, Student Union connected to Administration and Guidance building along with fulfilling the teaching station needs.

Meeting #5&6: the Committee reviewed the draft FMP document. LPA provided a summary overview of Phase 1, 2, 3, Capital Repair Plan and long term unfunded projects. LPA presented the enrollment projection analysis vs. construction phasing. The FTFNA budget was reviewed against the master plan cost estimate and Phase 2 and 3 scope priorities were defined.

At the Student Engagement meeting, students were asked to place on the campus map a 'green' dot on areas they liked vs. a 'red' dot on areas that could be improved. The students raised important needs that included: improvements to circulation at Pride Hall, modernization of the old locker rooms, improvements to athletics, ventilation / air conditioning in Classrooms, more comfortable Classroom furniture, usable outdoor spaces, more shade, more restrooms and a Student Union for hanging out.

At the PTA meeting, parents and community members had an 'If you could dream..' discussion about the M-AHS campus. Issues that came out of the discussion included the following: better cafeteria with more food choices, more trees and shade, new connection from the Library to the Stadium, relocate trash cans, quieter HVAC at Classrooms, better/ cleaner bathrooms, more drinking fountains and bottle filling stations, improve circulation between classrooms, more WiFi access points, and a permanent place for PTA group storage of materials.

# CAPITAL REPAIR PLAN, PHASE 1 & 2 ESTIMATED COSTS

SUHSD FMP Budget Tracking

## PHASE 1 ESTIMATED COSTS

### SCOPE OF WORK

- 1 Demo existing 11 Classroom Building (G Wing)
- 2 New Construction: 2-Story, 21 Classroom Building with Food Service

**Total: \$28,062,865**

	SCOPE DESCRIPTION	COST
	Classroom and Food Service Building	\$28,062,865

## 5-YEAR CAPITAL REPAIR PLAN

\* Reference pages 14-19 for scope of work categories and descriptions.

**Total: \$5,245,988**

	SCOPE DESCRIPTION	COST
	5-Year Capital Repair Plan	\$5,245,988

## PHASE 2 ESTIMATED COSTS

### SCOPE OF WORK

- 1 Demo existing Food Service Kiosk, Restroom Building and one Tennis Court
- 2 New Construction: 2-Story Lab Building with (2) CTE Labs, (2) Biology/ Environmental Science Labs, and (2) Physics Labs
- 3 New Construction: Food Service + Kitchen and Restroom Building
- 4 Expand and Reconfigure existing Student Services
- 5 Add Skateboard Lockers to "Hello Hall" in areas where existing lockers were removed.
- 6 New Bike Storage Areas with Bike Racks, enclosed w/ Chainlink Fence & Gate

**Total: \$15,769,478**

ITEM NO.	SCOPE DESCRIPTION	COST
2	Lab Building	\$9,996,000
3	Food Service / Restroom Building	\$4,750,000
4	Student Services Reconfiguration	\$1,005,000
5	Add Skateboard Lockers to "Hello Hall"	TBD
6	New Bike Storage Areas w/ Chainlink Fence & Gate	TBD
	<b>TOTAL</b>	<b>\$15,751,000</b>



# PHASE 3 ESTIMATED COSTS & FUTURE PROJECTS

SUHSD FMP Budget Tracking

## PHASE 3 ESTIMATED COSTS

The scopes of work are listed in the order of priority as discussed at the committee meeting at the end of February 2015. Scope numbers 1 through 4 are the prioritized scopes of work and align with the original SUHSD FMP budget. Items below the line (Items 5 and 6) will remain on the list and will be addressed at a later time as funds become available in the future.

\* Reference Phase 3 Master Plan Diagram on page 24 for where scopes of work occur. Item numbers correspond to numbers in the Legend.

\$975,000  
\$1,837,125  
**Total: \$2,812,125**

ITEM NO.	SCOPE DESCRIPTION	COST
1	Field Lighting	\$1,050,000
2	Pride Hall Improvements	\$308,668
3	Pride Hall Restroom Convert to Storage	\$50,000
4	Convert C-2 to Chemistry Lab	\$910,000
Sub-Total		\$2,318,668
5	Improve Ventilation at Building D/E	\$75,000
6	Shower/Locker Room Mod Boys Girls	\$815,000 \$850,000
Sub-Total		\$1,740,000
TOTAL		\$4,058,668

## FUTURE PROJECTS PHASE

The Future Projects Phase includes proposed future projects that are currently not funded, but are part of the Facilities Master Plan to address identified campus needs.

## SCOPE OF WORK DESCRIPTION

- 1 Demo Buildings C, D-E, H, Admin, and Student Services / Resource Building
- 2 New Construction: 2-Story Academic Classroom / Lab Building
- 3 New Construction: 2-Story Administration, Student Services, Student Union Building
- 4 Modernization/ Reconfiguration of existing Boys and Girls Locker Rooms and Athletics Addition at old, Main Gym
- 5 Addition of lighting and re-surfacing at existing Tennis Courts
- 6 Replace existing turf with Synthetic Turf at Soccer Field
- 7 New Staff Parking Lot

# MENLO-ATHERTON HS: EXISTING CAMPUS AERIAL

## ABBREVIATIONS

- A** ADMINISTRATION
- SS** STUDENT SERVICES
- FS** FOOD SERVICE
- PA** PERFORMING ARTS
- L** LIBRARY
- GYM** GYMNASIUM, LOCKER ROOMS
- LETTERS REPRESENT BUILDING DESIGNATION
- ★** MAIN ENTRANCE





# MENLO-ATHERTON HS: EXISTING SPACE DIAGRAM

## LEGEND

- Classrooms
- Science Labs
- Student Services
- Electives
- Computer Lab
- Administration / Faculty
- Library / Performing Arts
- Food Service
- Physical Education / Athletics
- Support Spaces

- Hardcourts
- Play Fields
- Main Entrance
- Drop-off

1 Bike Storage Area



Menlo-Atherton High School

# MENLO-ATHERTON HS: PHASE I - PLAN

The proposed Phase One Classroom Building at Menlo-Atherton High School has been planned to address the projected increase in student enrollment at the campus. The new building is to be located at the site of the current Building 'G'.

The (11) eleven existing modular classrooms of Building 'G' will be demolished and replaced with a new (21) twenty-one classroom 2-story building, for a net increase of (10) ten teaching stations at a gross program square footage of 43,730sf. Additional facilities proposed as part of the program include staff workroom/collaboration spaces, student/staff toilets, a food service serving kitchen and covered student dining. These elements are currently deficient on campus and were also highlighted as part of the District's Facilities Task Force Needs Assessment report.

## SCOPE OF WORK

- 1 DEMO (E) 11 CLASSROOM BUILDING  
(G-WING)
- 2 NEW CONSTRUCTION 2-STORY  
21 CLASSROOM BUILDING  
WITH FOOD SERVICE

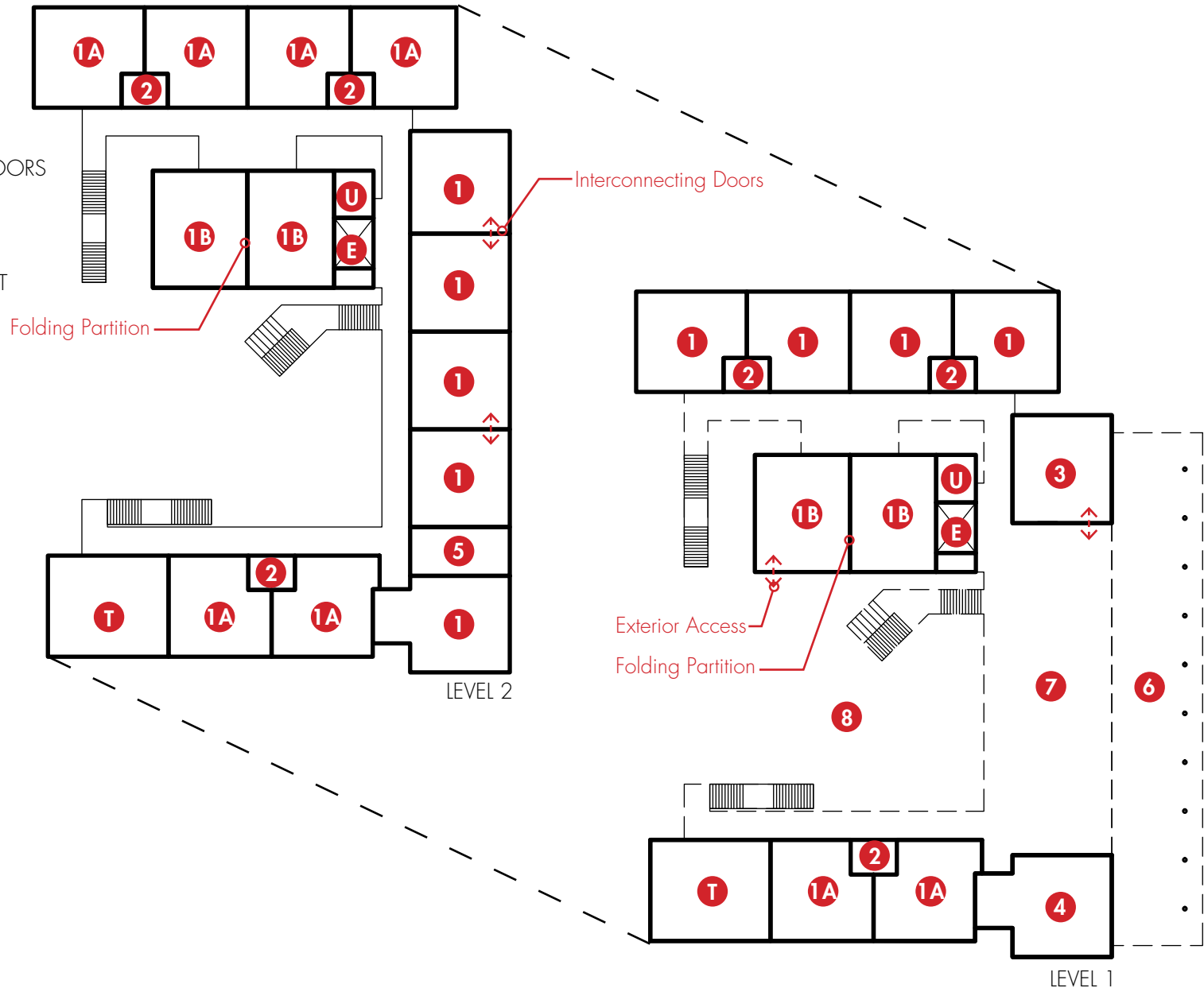




# MENLO-ATHERTON HS: PHASE I - FLOOR PLAN

## LEGEND

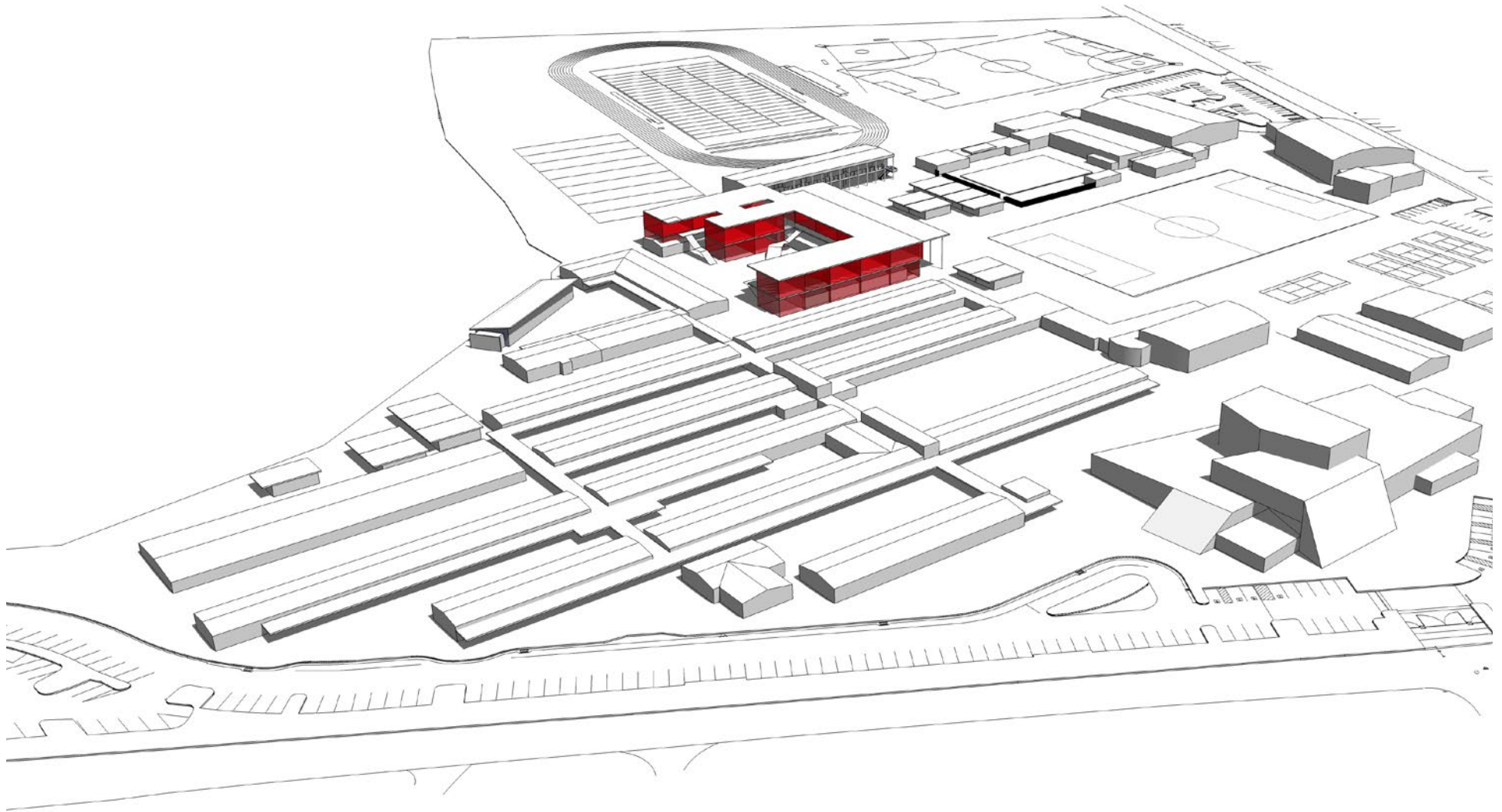
- 1A** COLLABORATIVE CLASSROOM
- 1B** COLLABORATIVE CLASSROOM  
W/ FOLDING PARTITION
- 1C** COLLABORATIVE CLASSROOM  
W/ INTERCONNECTING DOORS
- 2** STUDENT COLLABORATION  
WORKROOM
- 3** LEARNING CENTER / STUDENT  
COLLABORATION
- 4** FOOD SERVICE
- 5** STAFF COLLABORATION / PLC
- 6** CANOPY
- 7** STUDENT DINING AREA
- 8** LEARNING COURT
- T** TOILETS (STUDENT+ STAFF)  
& CUSTODIAL
- E** ELEVATOR + MACHINE ROOM
- U** UTILITY





Menlo-Atherton High School South-East Elevation

# MENLO-ATHERTON HS: PHASE 1





PRIORITIZED SCOPE CATEGORIES

**1. ADA Compliance**

The following work is required to meet ADA compliance requirements:

- Add 48 inch opening in chainlink fence at track and field.
- Add concrete paving at ADA path of travel to North baseball field.
- Add concrete paving between batting cage and bench area at baseball field.
- Add concrete paving at bleacher floor, East baseball field.
- Add 5% slope transition for 2 inch elevation delta between bleacher floor and walkway, at East baseball field.
- Add 6'-0" long transition ramp to Ringwood Ave. sidewalk (1:12 slope max. with top and bottom landing and handrails), at North-East corner of Parking Lot.
- Provide minimum 1 accessible gate at track access from Parking Lot at Ringwood Ave. Add 10" bottom plate and push bar.
- Add truncated domes at drop-off and flush curb area in parking lot at Ringwood Ave.
- Add handrails at 2 existing ramps that are greater than 13% slope, north of I Wing.
- Replace all exterior drinking fountains to ADA compliant.
- Add cane detection side rails at drinking fountain at Concessions building.
- Site restrooms are in general ADA compliant. A few door locks, grab bars, and signage need to be replaced.
- All gates at the tennis court area need to be replaced to ADA compliant. One landing connected to path of travel between parking lot and tennis court needs handrails.
- Remove existing transition and add 6'-0" long transition ramp from tennis court to Parking Lot B off Ringwood Ave.
- Install lift for stage at Drama Classroom C16.
- Provide ADA compliant signage throughout campus.
- Reset / replace interlocking pavers that have shifted to mitigate potential tripping hazard.

# M-AHS: 5-YEAR CAPITAL REPAIR PROJECTS

<b>2. Asbestos Mitigation</b>	<p>The District needs to hire a consultant to determine what specific areas/ materials need to be removed / abated. For all modernization projects, include an allowance for unknown and unforeseen mitigation.</p>
<b>3. Code Compliance Issues</b>	<ul style="list-style-type: none"><li>• Per 2013 CBC, for a campus of 2,600 students, nineteen (19) drinking fountains are required. There were only twelve (12) drinking fountains counted on the site. From those, only one was ADA compliant.</li><li>• Add drinking fountains at the playfields.</li></ul>
<b>4. Electrical Upgrades</b>	<ul style="list-style-type: none"><li>• Provide backup generators at the main gym.</li><li>• Provide electrical upgrades at mechanical rooms and various Classrooms.</li><li>• Enclose all exposed electrical equipment.</li><li>• Campus electrical power distribution is comprised of underground feeders at 4160V, 3 phase. The wires found in the manholes vary in size. The new Phase 1 building requires up-sizing of the feeder to this side of campus to accommodate added load. It is recommended that all distribution wire throughout campus be replaced and up-sized accordingly. Remove all abandoned feeder wires.</li><li>• If HVAC improvements add cooling capacity to existing buildings, the electrical distribution and panels at that building will need to be evaluated to determine if they can support the added load.</li></ul>
<b>5. Fire and Life Safety</b>	<ul style="list-style-type: none"><li>• Upgrades to fire alarm systems, as required.</li><li>• Upgrades to security system. Scope and detail to be determined.</li></ul>

# M-AHS: 5-YEAR CAPITAL REPAIR PROJECTS

<b>6. Heating and Ventilation</b>	<ul style="list-style-type: none"><li>• Boiler systems were reviewed and were determined to be in good working order.</li><li>• Replace domestic boiler in "T" Wing. This domestic water boiler has been repaired and is functioning well. This item can be removed.</li><li>• Replace furnaces at B, C, D, E, F Wings (45 total) with hydronic fan coil units located outside the classroom.</li><li>• Implement HVAC automation campus wide with DDC controls based on District standards.</li></ul>
<b>7. Finish Floor Replacement</b>	<p>Replace all finish flooring at the end of its life cycle. New flooring to comply with District standards. Replace flooring in the listed rooms with new VCT flooring. Apply waterproof sealant to existing concrete slab and prepare for new floor finish.</p> <ul style="list-style-type: none"><li>• Radio Station</li><li>• B-1, B-2, B-3, B-4 B-11</li><li>• C-5, C-10, C-11, C-14, Offices between C-15 &amp; C-16, C-16</li><li>• D-1, D-2, D-13, D-16, D-21, D-24</li><li>• E-0, E-25</li></ul> <p>Mechanical polishing/ grinding of existing concrete floor is recommended for the below listed rooms. Seal floors:</p> <ul style="list-style-type: none"><li>• Boys locker room offices (3 total).</li><li>• Water polo room</li><li>• Pool office</li></ul>
<b>8. Roof Replacement</b>	<ul style="list-style-type: none"><li>• Replace sixty (60) 4' x 4' skylight units at the main Gym.</li><li>• Remove existing roofing system at existing arcade and replace with District Standard roofing system. Slope needs to be added to roof possibly through built up rigid insulation to allow for water flow to drains.</li></ul>



# M-AHS: 5-YEAR CAPITAL REPAIR PROJECTS

## UNFUNDED SCOPE CATEGORIES

<b>9. Energy Efficient Projects</b>	<ul style="list-style-type: none"><li>• Provide electric charging station next to ADA stalls at the main parking lot, South of the Performing Arts Center and Main Administration.</li></ul>
<b>10. Landscaping</b>	<ul style="list-style-type: none"><li>• Tree assessment by a certified consulting arborist to determine the health of all trees on campus is recommended.</li><li>• Tree mitigation ton include removal and replacement of unhealthy trees, and pruning of hazardous branching conditions.</li><li>• Overall campus pruning to enhance structure and health of existing trees to remain is recommended.</li><li>• Irrigation assessment to determine upgrades required for more efficient use of water, addition of a central control system and replacement of outdated and inefficient irrigation equipment.</li><li>• Assess and repair the well system that provides irrigation to portions of the campus.</li><li>• Verify the purpose of the 4' moat around existing oaks with a certified consulting arborist, and adjust as recommended.</li></ul>
<b>11. Locker Room Repairs</b>	<ul style="list-style-type: none"><li>• Provide modernization at main locker rooms at Main Gym.</li><li>• Remove benches as required to provide 44" minimum ADA path of travel at Boys Locker Room.</li><li>• Replace 5% lockers and benches with ADA compliant.</li><li>• Install new 18" x 18" top and bottom lockers, for a total of 72 units at Boys Locker Room and at Girls Locker Room.</li><li>• Provide accessible shower stall at Student showers and at Staff shower.</li></ul>

# M-AHS: 5-YEAR CAPITAL REPAIR PROJECTS

<b>12. Painting</b>	<ul style="list-style-type: none"><li>• New paint for all window frames and trims, including fascia and gutters throughout campus.</li><li>• New paint for all buildings in the pool complex and old/ Main gym complex.</li><li>• New paint for the exterior of the Teacher's Resource Center</li></ul>
<b>13. Plumbing Upgrades</b>	<ul style="list-style-type: none"><li>• Add drinking fountains at the playfields (football and baseball).</li><li>• Convert twelve (12) existing wall plumbed showers to surface mount shower heads at Boys Locker Room</li><li>• Replace water mains at B, C, D, E Wings.</li><li>• Replace sanitary sewer from Senior Green to main at Oak Tree.</li><li>• Repair/ replace sanitary sewer under C-0.</li></ul>
<b>14. Sports Facilities</b>	<ul style="list-style-type: none"><li>• Tennis courts need to be resurfaced; seal cracks, 2" AC pavement topping. Improve shed plane (slopes) and apply new finish coating (potentially the Draco system) and striping at all courts.</li><li>• The track needs a new finish coat; match existing color. The rubberized track is in good condition (approximately 1/2" thick mat). The color is fading slightly. All tracks need to be re-striped.</li></ul>
<b>15. Traffic Flow</b>	<ul style="list-style-type: none"><li>• There is no work assigned to this category.</li></ul>

# M-AHS: 5-YEAR CAPITAL REPAIR PROJECTS

<b>16. Window Replacement</b>	<ul style="list-style-type: none"><li>• All existing classroom building window sills have dry rot which are not currently included in the maintenance plan. Window frames will need to be removed for sill replacement.</li></ul>
<b>17. Parking</b>	<ul style="list-style-type: none"><li>• Parking lots have potholes and cracks throughout the AC paving throughout. Patch and repair as required with new slurry coat.</li></ul>
<b>18. Building Repairs</b>	<ul style="list-style-type: none"><li>• Install bird protection net underneath exposed steel overhang areas at the Performing Arts Center (approx. +/- 4,600 sf). Spike-type bird deterrents currently utilized in some areas do not work well.</li></ul>



# PHASE 2 -PROPOSED MASTER PLAN

The proposed scope of work for Phase 2 at Menlo-Atherton HS again addresses additional teaching station needs, improves a food service facility at the center of campus, and addresses Student Services offices space needs. The existing 7th tennis court East of the Library will be demolished to build a new 2-story Lab building with Physics Labs, CTE Labs, Biology/ Environmental Science Labs and restrooms, for a gross square footage of 12,000sf. The existing modular Food Service Kiosk and restroom structure will be demolished and replaced with a new, 4,330sf permanent construction Food Service and restroom facility that includes Staff and Student Restrooms. The existing Student Services offices will be expanded and reconfigured to better serve their needs. Skateboard lockers will be added to 'Hello Hall' and bike storage displaced by new construction will be replaced with new.

## SCOPE OF WORK

- 1 DEMO (E) TENNIS COURT, FOOD SERVICE KIOSK PORTABLE & RESTROOM BUILDING
- 2 \*NEW CONSTRUCTION: FOOD SERVICE & RESTROOM BUILDING
- 3 NEW CONSTRUCTION: 2-STORY LAB BUILDING
- 4 RECONFIG. STUDENT SERVICES
- 5 ADD SKATEBOARD LOCKERS TO "HELLO HALL"
- 6 NEW BIKE STORAGE



\* In order to remove the six (6) Portable Classrooms, the Food Service/ Restroom Building will need to be 2-Stories in order to meet the Teaching Station requirements based on projected enrollment. This scope is beyond the budget established by the FTFNA.

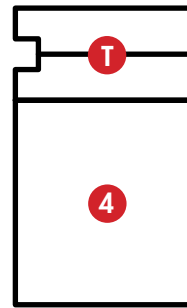
Menlo-Atherton High School

# MENLO-ATHERTON HS: PHASE 2 - NEW BUILDINGS

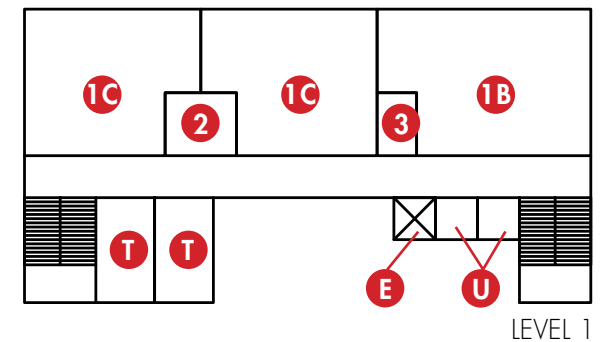
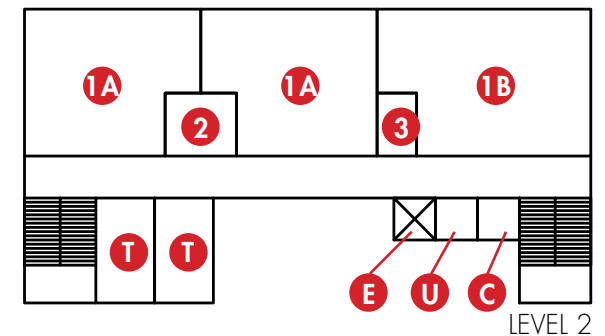
## LEGEND

- 1A** BIOLOGY/ENVIRONMENTAL SCIENCE LAB
- 1B** CTE LAB
- 1C** PHYSICS LAB
- 2** PREP ROOM
- 3** STORAGE / WORKROOM
- 4** FOOD SERVICE / KITCHEN
- T** TOILETS (STAFF + STUDENT)
- U** UTILITY ROOM
- E** ELEVATOR
- C** CUSTODIAL

FOOD SERVICE /  
RESTROOM BUILDING



2-STORY LAB BUILDING

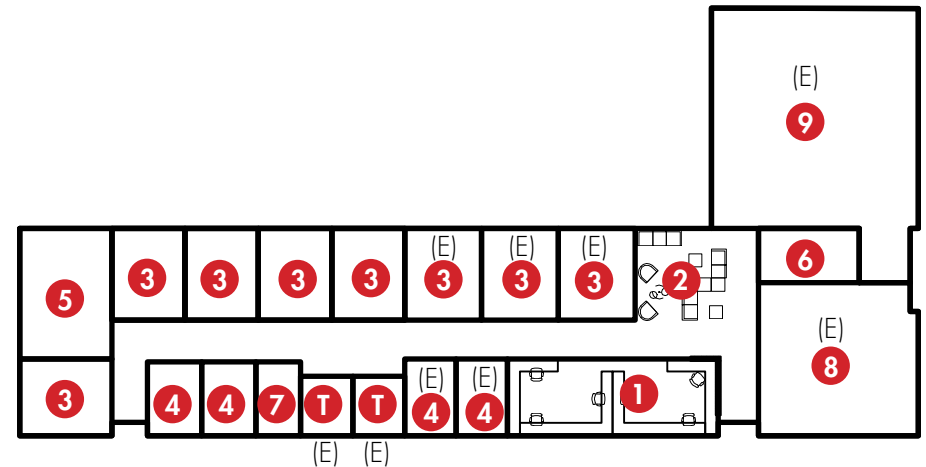


# M-AHS: PHASE 2 - STUDENT SERVICES DIAGRAM

To address the additional space needs of the Student Services offices at Menlo-Atherton High School, the below diagram depicts an expansion of the space into Room B-12 and a reconfiguration. The diagram is just a test fit and will need to be reviewed with a Site Committee when a Design Team comes on board. Existing conditions will also need to be verified. The spaces that function well will remain; these include the Career Center, Presentation Room, (3) of the larger Guidance Offices, (2) of the Mental Health Offices and the existing Restrooms. The rest of the space will be reconfigured into additional, appropriately sized Guidance Offices, Mental Health offices, a Conference/ Lounge / Workroom, and a File/ Record Storage Room. The front entry will be reconfigured to provide a more open and welcoming entry with a lounge-like student waiting area. The square footage of the new Student Services area is approximately 5,600sf.

## LEGEND

- 1 CLERICAL / RECEPTION
- 2 STUDENT LOUNGE / WAITING
- 3 GUIDANCE OFFICE
- 4 MENTAL HEALTH OFFICE
- 5 CONFERENCE / LOUNGE / WORKROOM
- 6 FILE/ RECORD STORAGE
- 7 SMALL TESTING ROOM
- 8 PRESENTATION ROOM
- 9 CAREER CENTER
- T (E) TOILETS
- (E) EXISTING TO REMAIN

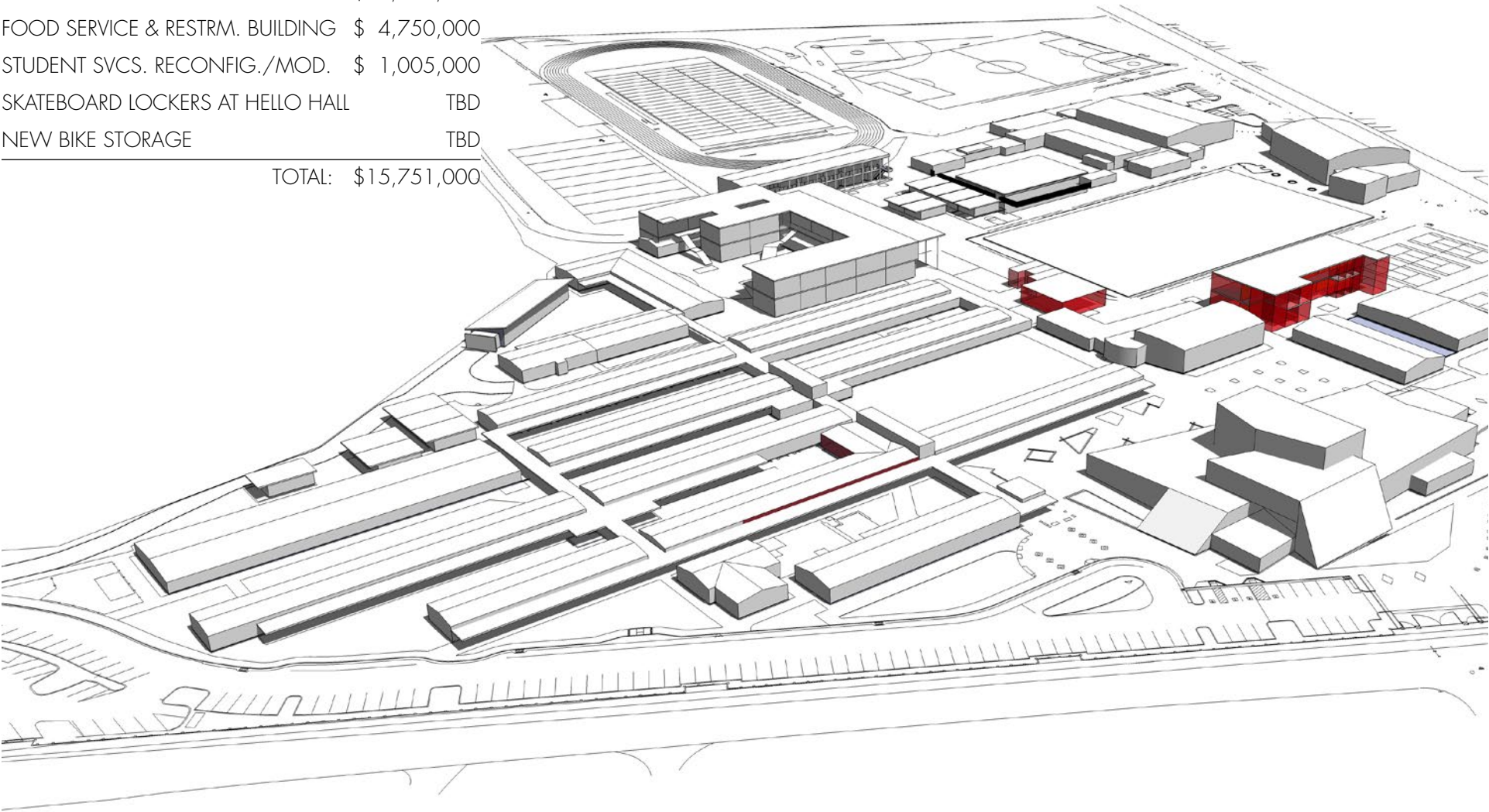


**STUDENT SERVICES  
RECONFIGURATION / EXPANSION PLAN**



ESTIMATED COSTS

2-STORY LAB BUILDING	\$ 9,996,000
FOOD SERVICE & RESTRM. BUILDING	\$ 4,750,000
STUDENT SVCS. RECONFIG./MOD.	\$ 1,005,000
SKATEBOARD LOCKERS AT HELLO HALL	TBD
NEW BIKE STORAGE	TBD
TOTAL: \$15,751,000	



# PHASE 3 - PROPOSED MASTER PLAN

The proposed scope of work for Phase Three at Menlo-Atherton High School is to address the long term improvement needs of the campus. This work will include improvements to Pride Hall, field lighting at the soccer field, modernization of the shower/ locker rooms at the Main Gym, and the conversion of a Classroom to meet program needs. Reference page 7 for estimated costs.

## SCOPE OF WORK

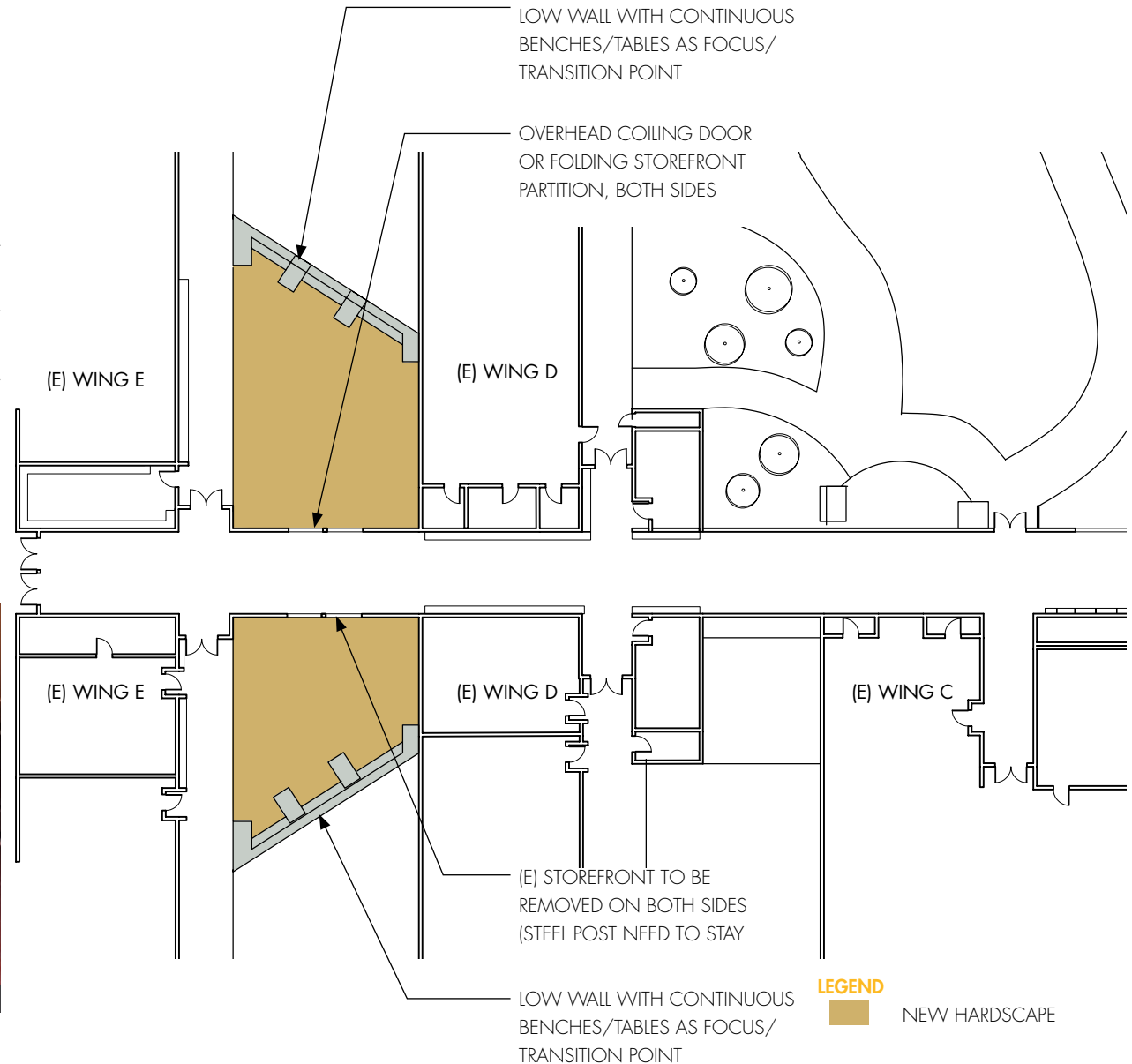
- 1 ADD FIELD LIGHTING TO SOCCER FIELD
- 2 PRIDE HALL IMPROVEMENTS
- 3 CONVERT RESTROOMS TO STORAGE
- 4 CONVERT CLASSRM. C-2 TO CHEMISTRY LAB
- 5 IMPROVE VENTILATION AT D-E WING
- 6 GYM SHOWER/LOCKER ROOM  
MODERNIZATION



Menlo-Atherton High School

# PHASE 3 - PRIDE HALL IMPROVEMENTS

Pride Hall at Menlo-Atherton High School is a main circulation spine that runs North-South on the campus. Students utilize this enclosed hallway to access various academic wings and restrooms. The hallway is currently narrow and dim, creating congestion making access difficult and unsafe at times. The proposed improvements open up the area between 'D' Wing and 'E' Wing to create a larger through access in this space to alleviate the congestion at the most critical area. In addition to Pride Hall, improvements in other phases of work include the addition of student restroom facilities at all areas of new construction to offload some of the pressure within this main access-way.





# PROPOSED FUTURE PROJECTS: MASTER PLAN

The scope of work for proposed future projects at Menlo-Atherton HS addresses additional teaching station needs due to projected increase in student enrollment, consolidates the administrative and student services functions, provides a Student Union collaboration space and redefines the main campus entrance. It also addresses the deteriorated Locker Rooms at the old Gym and builds a 5,275sf addition to address the Athletics space needs. The new Academic building will be 51,500sf, and the new Campus Student Center/ Administration building will be 26,945sf.

## SCOPE OF WORK

- 1 DEMO BUILDINGS C, D-E, H, ADMIN. & STUDENT SERVICES/ RESOURCE CENTER
- 2 NEW CONSTRUCTION: 2-STORY ACADEMIC CLASSRM/LAB BLDG.
- 3 NEW CONSTRUCTION: 2-STORY ADMIN./ STUDENT SVC./ STUDENT UNION
- 4 MODERNIZATION/ RECONFIG. OF LOCKER ROOMS & ATHLETICS ADDITION
- 5 TENNIS COURT LIGHTING
- 6 SYNTHETIC TURF
- 7 NEW STAFF PARKING
- 8 NEW DG PATH & LIGHTING

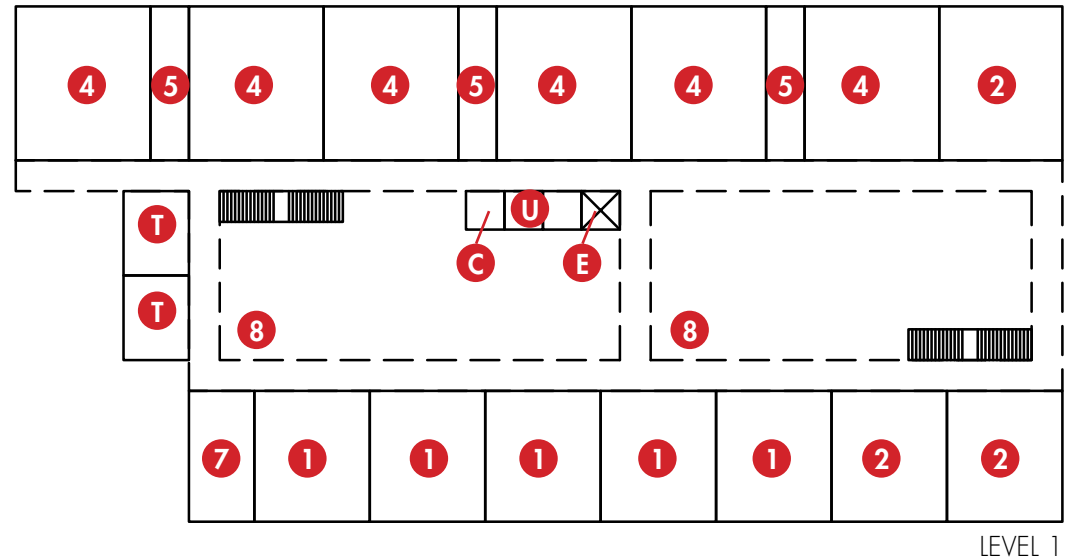
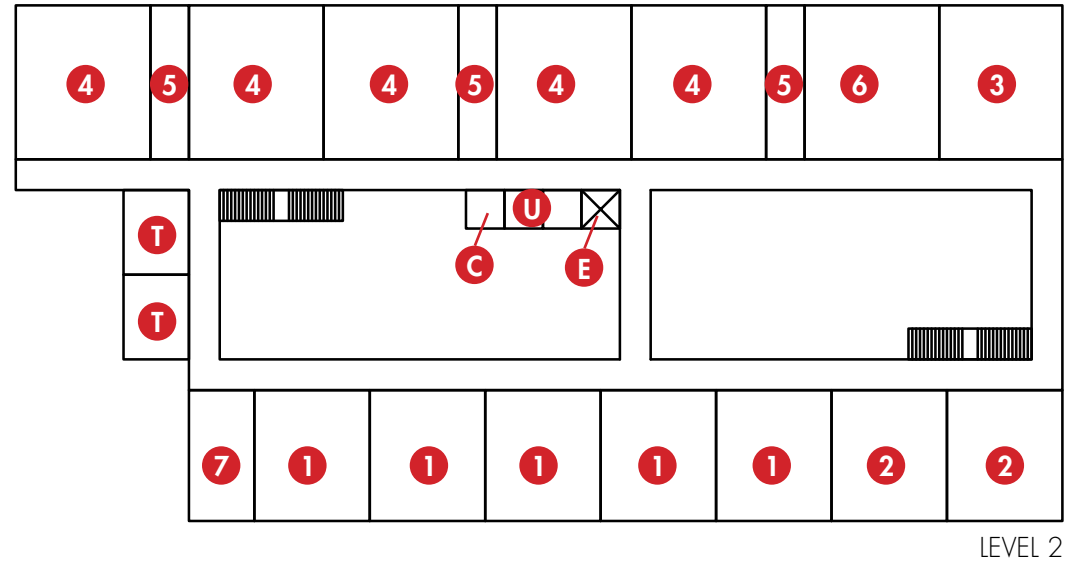


# PROPOSED FUTURE PROJECT: ACADEMIC BUILDING

To address the increase in student enrollment and the need for additional teaching stations, the program for the new 2-story Academic Building will include science laboratories with prep rooms, general ed classrooms, special education classrooms, staff collaboration PLC's and student and staff restrooms. The central courtyard areas will include hardscape and landscaping that will enhance the educational program.

## LEGEND

- ① CLASSROOM + COLLABORATION
- ② SPECIAL EDUCATION CLASSROOM
- ③ SPECIAL EDUCATION ILS ROOM
- ④ SCIENCE LAB
- ⑤ SCIENCE PREP
- ⑥ LEARNING CENTER
- ⑦ STAFF COLLABORATION (PLC) + STAFF TOILETS
- ⑧ LEARNING COURT
- T TOILETS
- U UTILITY ROOM
- E ELEVATOR
- C CUSTODIAL



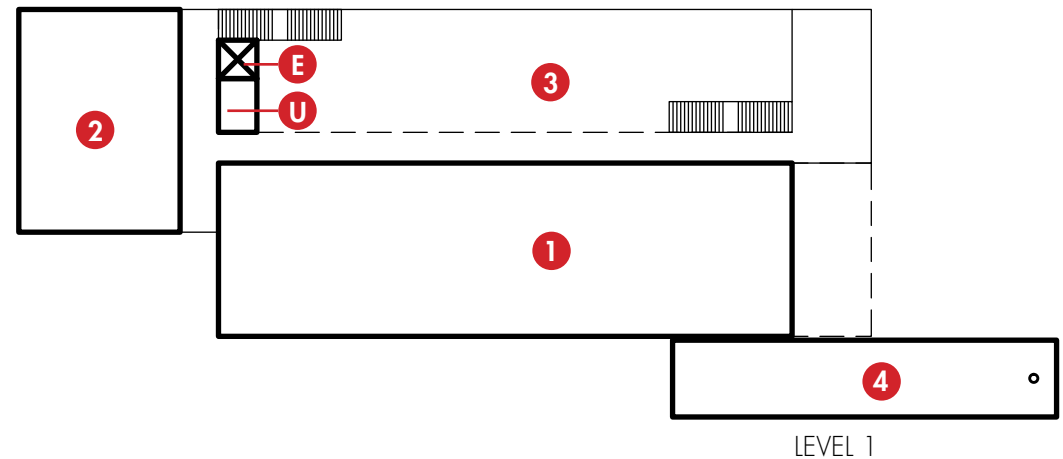
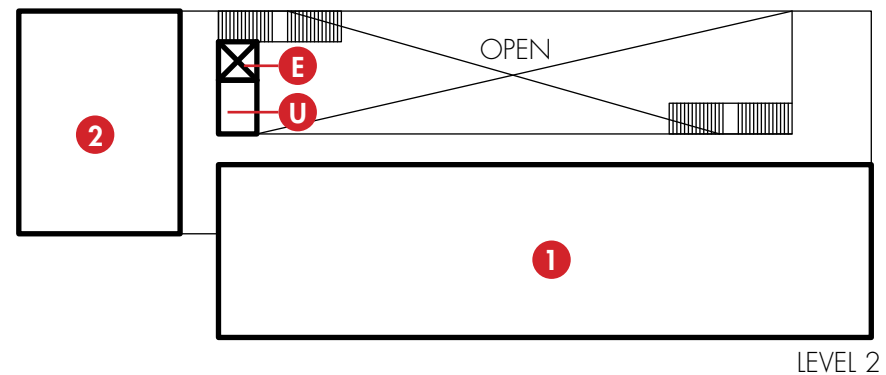
## ACADEMIC BUILDING

# PROPOSED FUTURE PROJECT: ACADEMIC CTR./ADMIN.

At Menlo-Atherton High School, the Administration offices, Student Services, and Guidance offices are located in three separate buildings. The program for the new 2-story Campus Academic Center / Administration Building will house all the administrative and student services functions in one place. A central Student Union will provide a place for collaboration and student to student and student to staff social and academic interaction. This new building will redefine the main entry of the campus and connect to the main access spine, Pride Hall.

## LEGEND

- 1 ADMINISTRATION/ ATTENDANCE / HEALTH
- 2 STUDENT SERVICES
- 3 STUDENT UNION
- 4 ENTRY CANOPY
- T TOILETS (STAFF + STUDENT)
- U UTILITY ROOM
- E ELEVATOR
- C CUSTODIAL



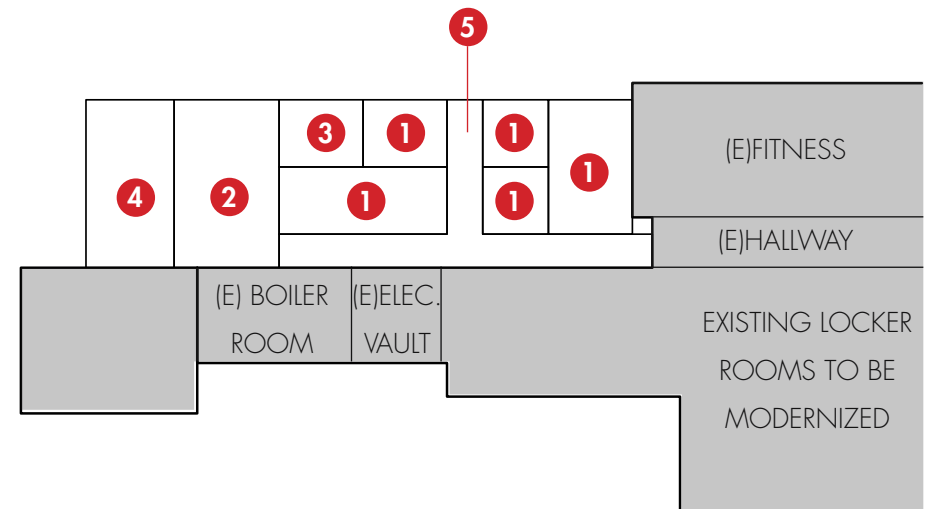
CAMPUS ADMINISTRATION/  
STUDENT SERVICES CENTER

# PROPOSED FUTURE PROJECT: TEAM ROOM ADDITION

At Menlo-Atherton High School, the existing locker rooms at the old, Main Gym have never been modernized and lack Team Rooms to support athletics programs. The new one-story athletic support spaces addition at the existing main gymnasium will address the need for adequate Team Rooms to support the Athletics program. The program for the addition includes Team Rooms, a Visiting Team Room and Athletic Equipment Storage room. All home Team Rooms to include deep lockers to store student athletic equipment and benches. The Visiting Team Room will have benches around the perimeter and an interactive whiteboard.

## LEGEND

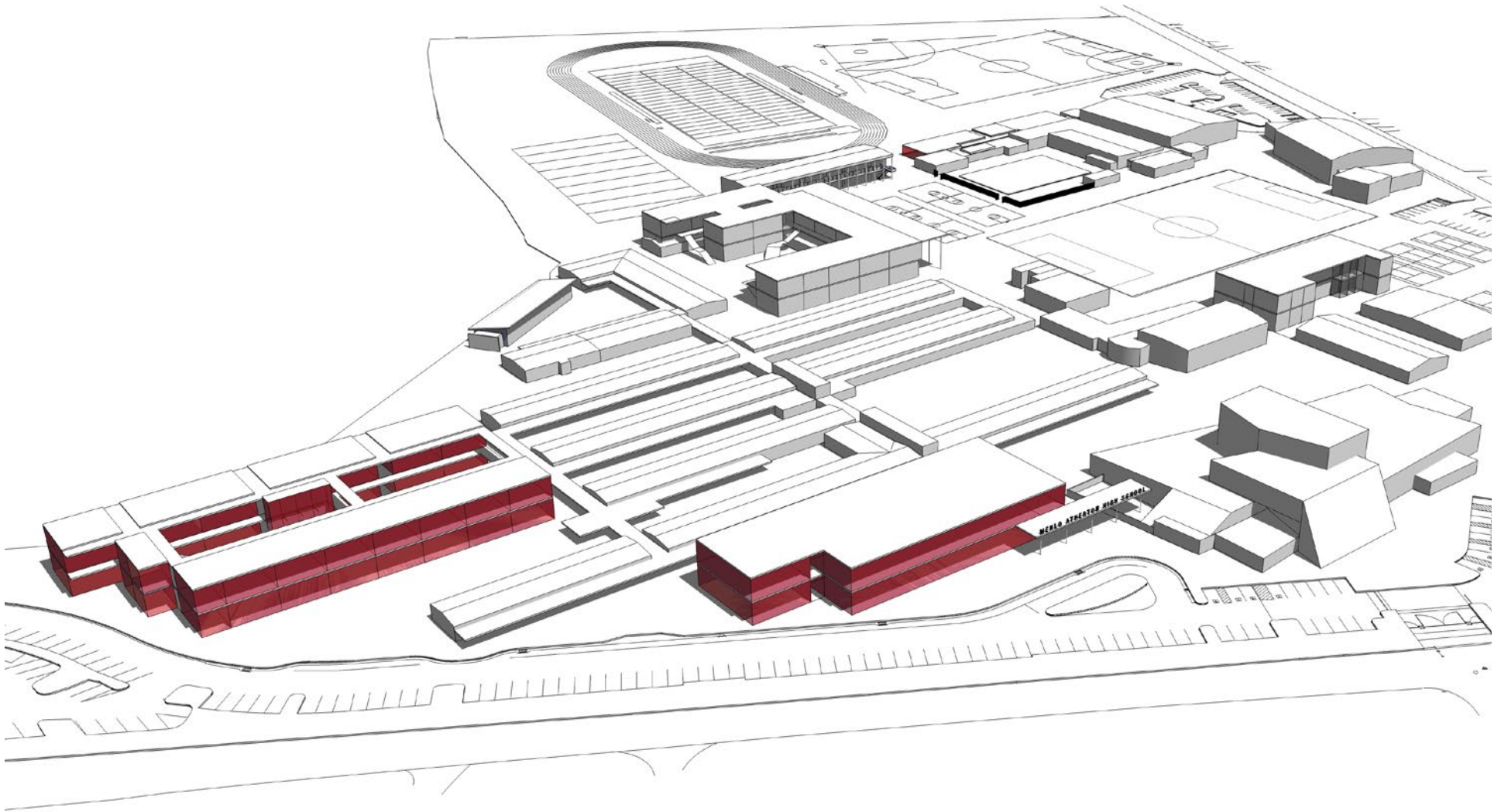
- 1 TEAM ROOM
- 2 TEAM ROOM (FOOTBALL)
- 3 VISITING TEAM ROOM
- 4 ATHLETIC EQUIPMENT STORAGE
- 5 HALLWAY / ACCESS



ATHLETICS EXPANSION AT MAIN GYM



# PROPOSED FUTURE PROJECTS



Menlo-Atherton High School

# M-AHS - PROPOSED MASTER PLAN SPACE DIAGRAM

## LEGEND

- Classrooms
- Science Labs
- Student Services
- Electives
- Computer Lab
- Administration / Faculty
- Library / Performing Arts
- Food Service
- Physical Education / Athletics
- Support Spaces

- Hardcourts
- Play Fields
- Main Entrance
- Drop-off



Menlo-Atherton High School

# APPENDIX A : PROJECT TRANSPORTATION MGMT. PLAN

During the development of the project, the Design Team shall engage the site committee, parents, teachers and students, to better understand the flow of pedestrian and vehicular traffic patterns at all times of the day, in particular morning arrival times and afternoon dismissal times. A traffic consultant shall also be engaged to determine the potential traffic impacts on the site from the proposed new construction, and together determine what will be the best measures to take to mitigate these impacts. A holistic approach shall be taken to determine a project transportation management plan. The plan shall include methods to support alternative means of transportation, including public transportation and working with San Mateo County Transit (samTrans) to better service the community, school busing, and encouraging students to ride bicycles and/or walk to school.

