

MOUNTAIN VIEW LOS ALTOS HIGH SCHOOL DISTRICT

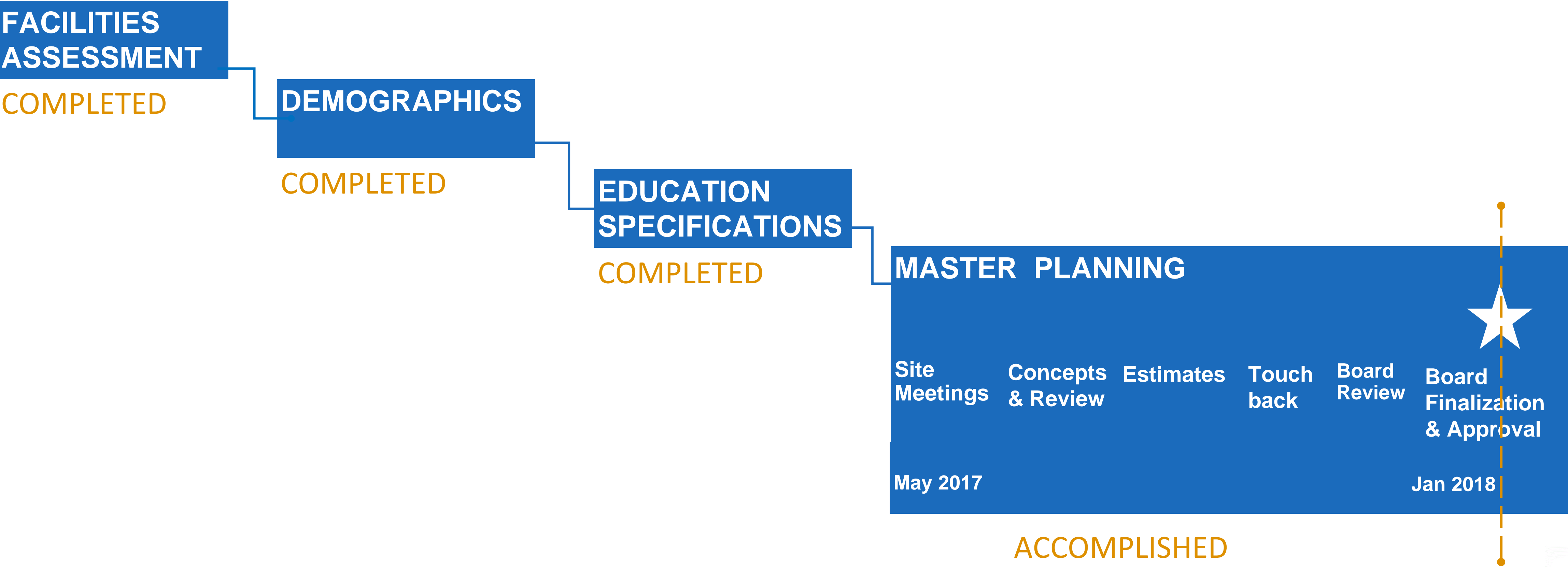
MASTER PLANNING

BOARD PRESENTATION 8 JANUARY 2018

FACILITIES MASTER PLAN GOALS

- Prepare for Student Growth
- Master Plan Anticipates Comparable Sized Student Enrollment at MVHS and LAHS
- Create 'Parity' Between High Schools
- Modernize Existing Classrooms and New Classrooms for Outdated Portables
- Innovative Classrooms for Expanded Programs
 - Support Collaboration & Project Based Learning
 - Specialized Learning Environments for Science, Engineering, Computer Sciences, Special Education & Arts
 - Infused Technology Throughout
- Integrated Administrative/ Student Services with Wellness Center
- Improved/ Enlarged Dining and Food Services Spaces
- Athletic Facility Improvements
- Code Required Improvements and Sustainable Design Upgrades
- Replacement of Freestyle Academy

FACILITIES MASTER PLAN



LOS ALTOS HIGH SCHOOL

EXISTING CAMPUS

PROGRAM NEEDS

- Classrooms for Growth
- Student Services Space
- Student Union
- Special Education
- Wellness Center
- Flexible Meeting Rooms/Testing
- Auxiliary Gym

FACILITY ASSESSMENT NEEDS

- Replace Aging Portables
- Roof/Plumbing/HVAC
- Food Service/Kitchens
- Accessibility Improvements
- Storm Drainage
- Signage
- Select Synthetic Turf Field










LOS ALTOS HIGH SCHOOL MASTER PLAN

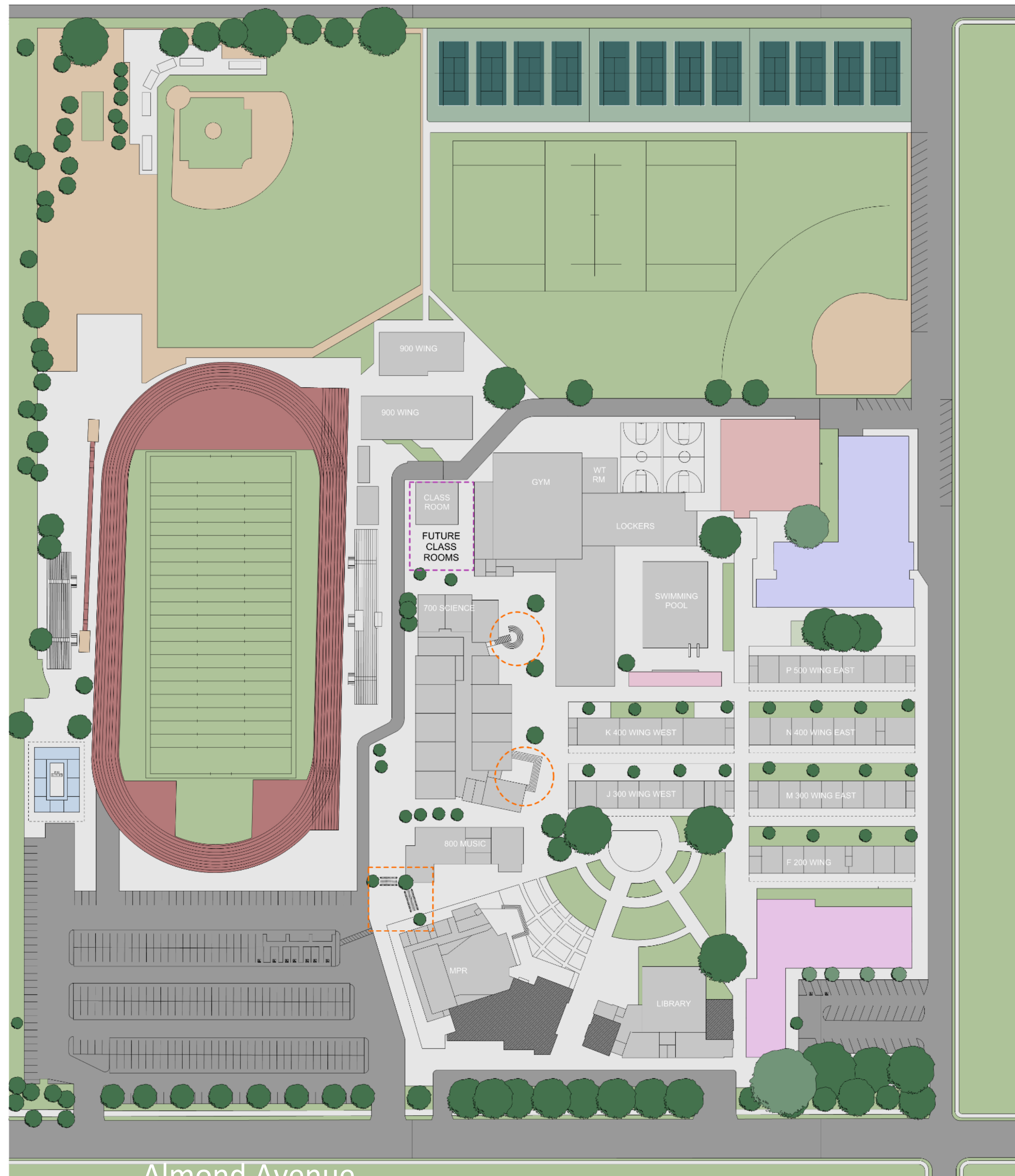
NEW CONSTRUCTION

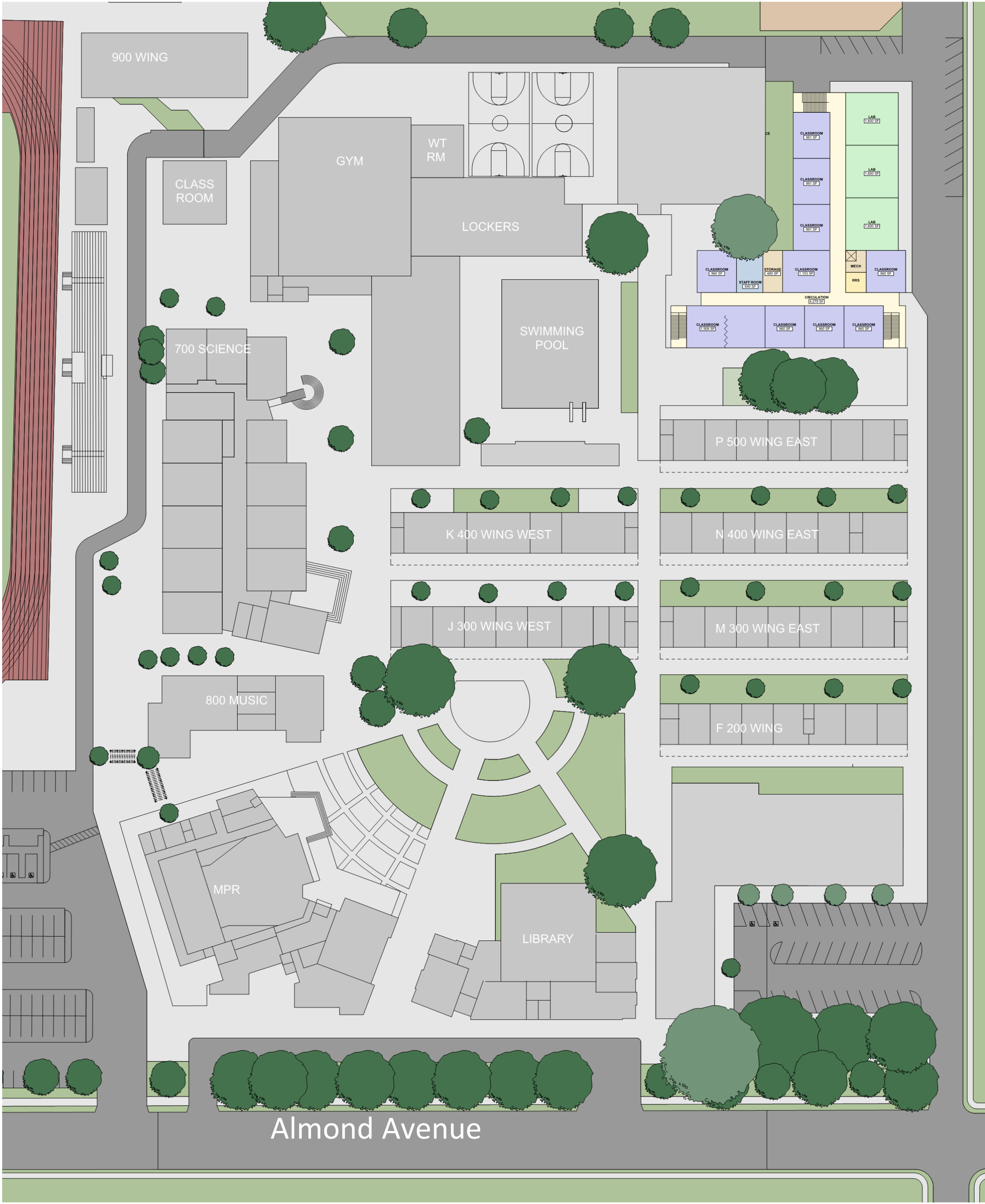
- New Student Services Building
- New Classroom Building
- New Auxiliary Gym

MODERNIZATIONS & IMPROVEMENTS

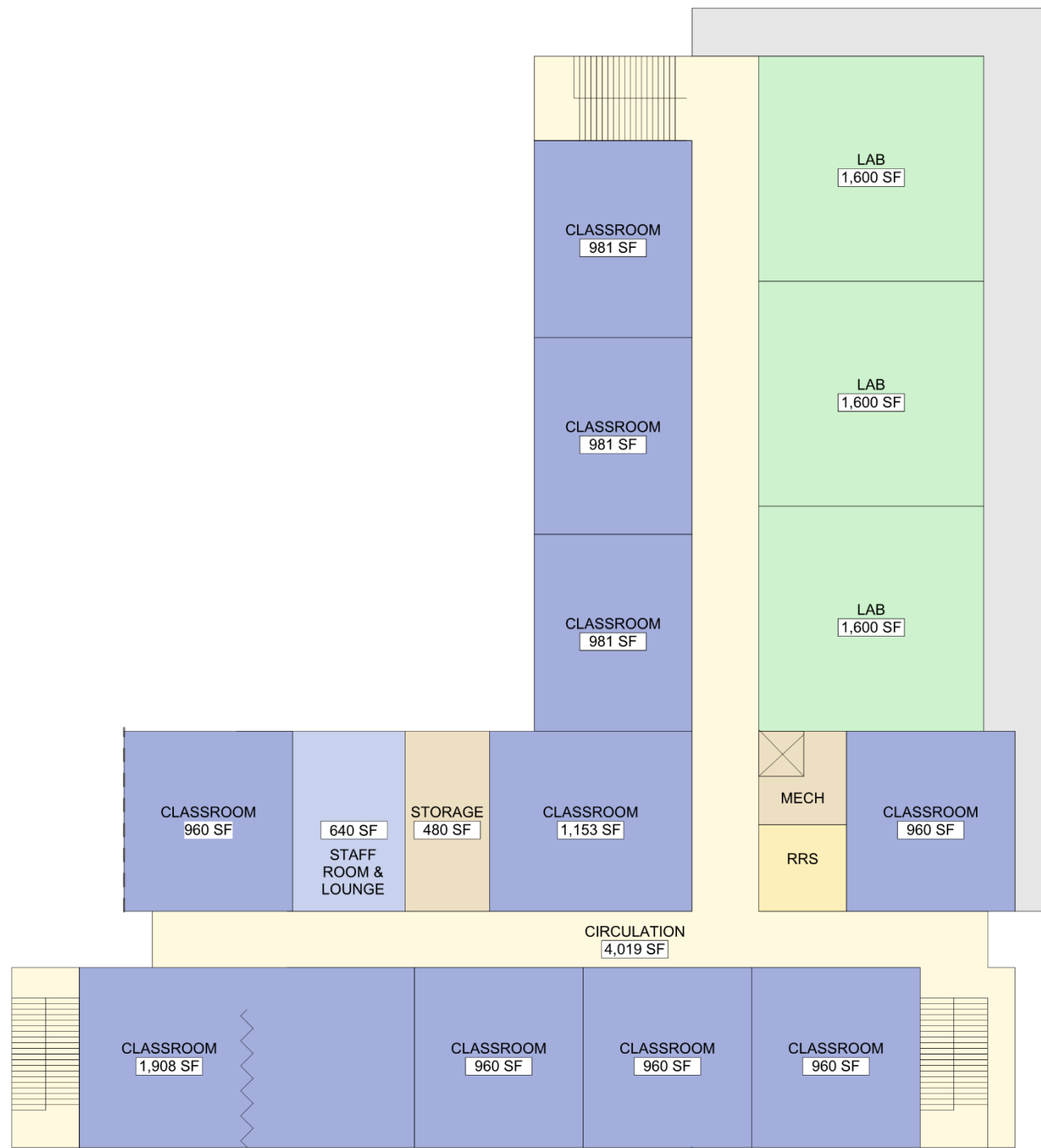
- Improved Campus Entry
- Enlarged Library (into vacated spaces)
- Enlarged and Improved Cafeteria (repurpose spaces)
- Classroom Modernizations
- Site Improvements

-  NEW TWO-STORY CLASSROOM BUILDING
-  NEW STUDENT UNION/ADMIN BUILDING
-  NEW AUXILIARY GYM
-  MODERNIZATION
-  FACILITY ASSESSMENT UPGRADES
-  SITE IMPROVEMENTS
-  FUTURE GROWTH





LOS ALTOS HIGH SCHOOL NEW CLASSROOM BUILDING



FIRST FLOOR

- Eleven general classrooms
- Three labs
- Optional movable walls between classrooms to create double rooms



SECOND FLOOR

- Twelve general classrooms
- Three labs

| | |
|------------------------|-----------|
| New Classrooms/ Labs: | 29 |
| Classrooms Removed: | 12 |
| NET CLASSROOMS: | 17 |



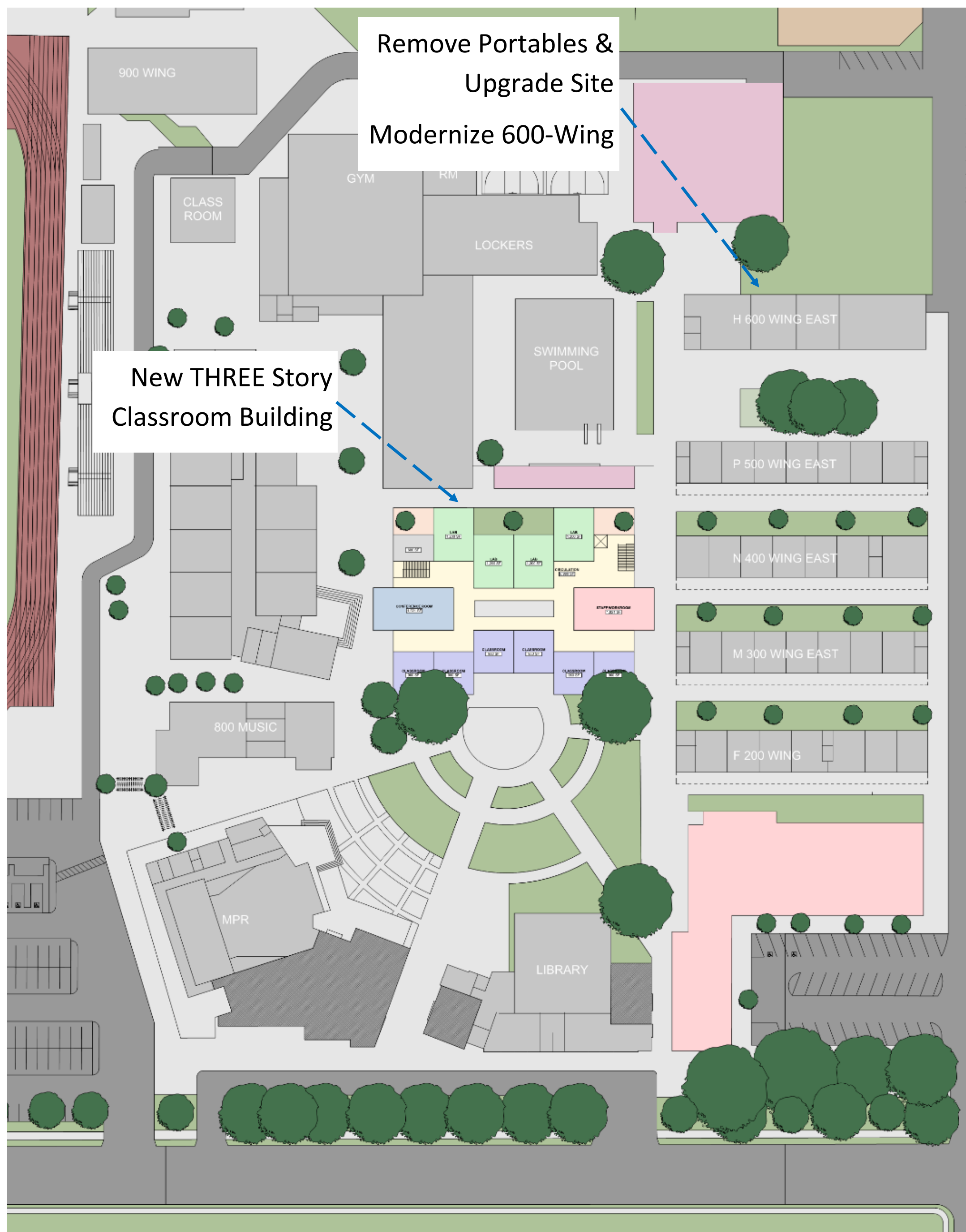
OPTIONS FOR NEW CLASSROOMS AT LOS ALTOS HIGH SCHOOL

- Alternative Location for New Classrooms - at 300W & 400W Wings
- Mitigate Two Story Construction at Campus Edge
- Net Increase of 17-Classrooms for Each Option
- Some Options Modernize 600-Wing

LOS ALTOS HIGH SCHOOL NEW CLASSROOM BUILDING

OPTION ONE

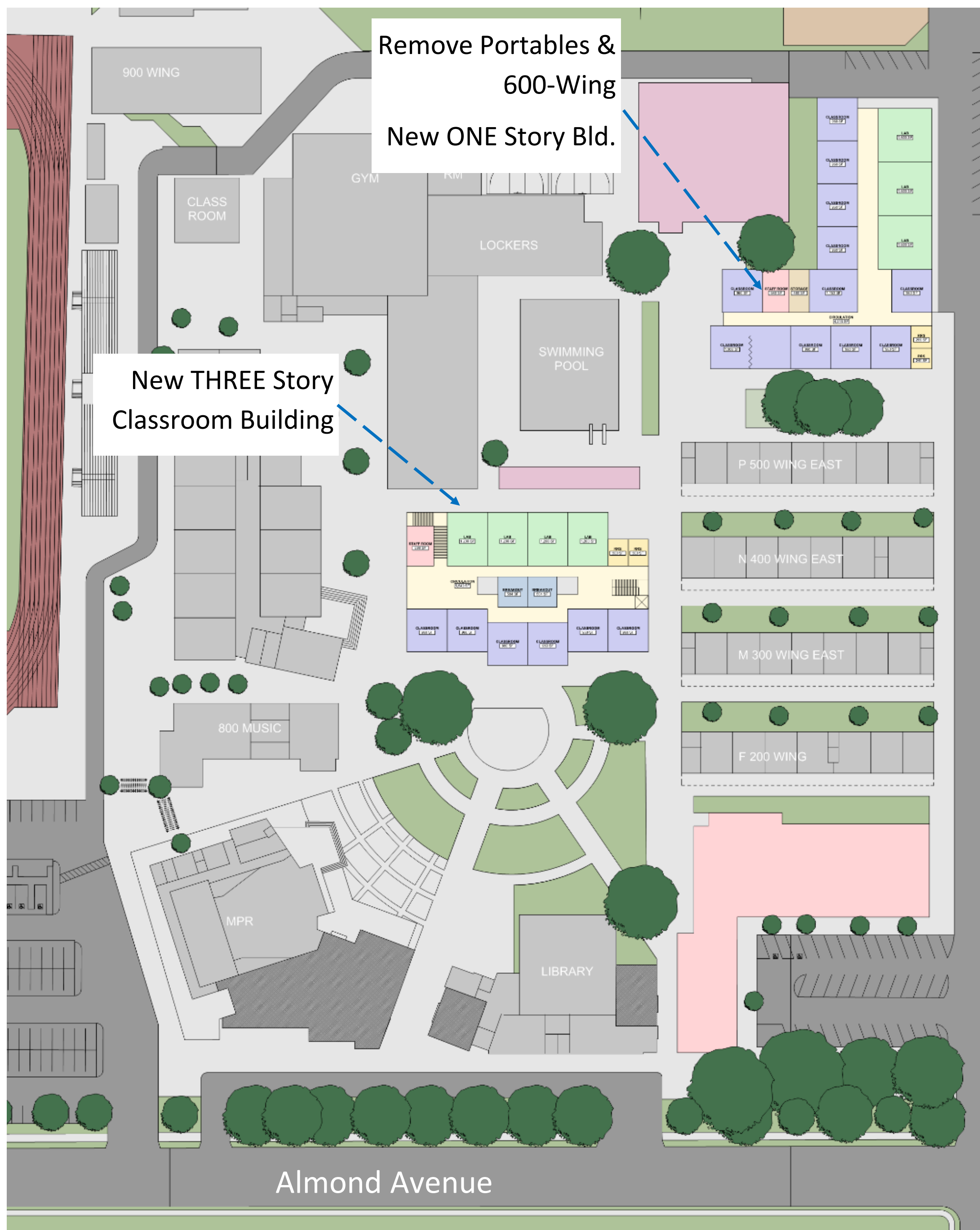
- 3-Story Building at Demolished 300W & 400W
- 60,000 SF, 35-Classrooms & Labs
- Modernize 600 Wing & Site Work



LOS ALTOS HIGH SCHOOL NEW CLASSROOM BUILDING

OPTION TWO

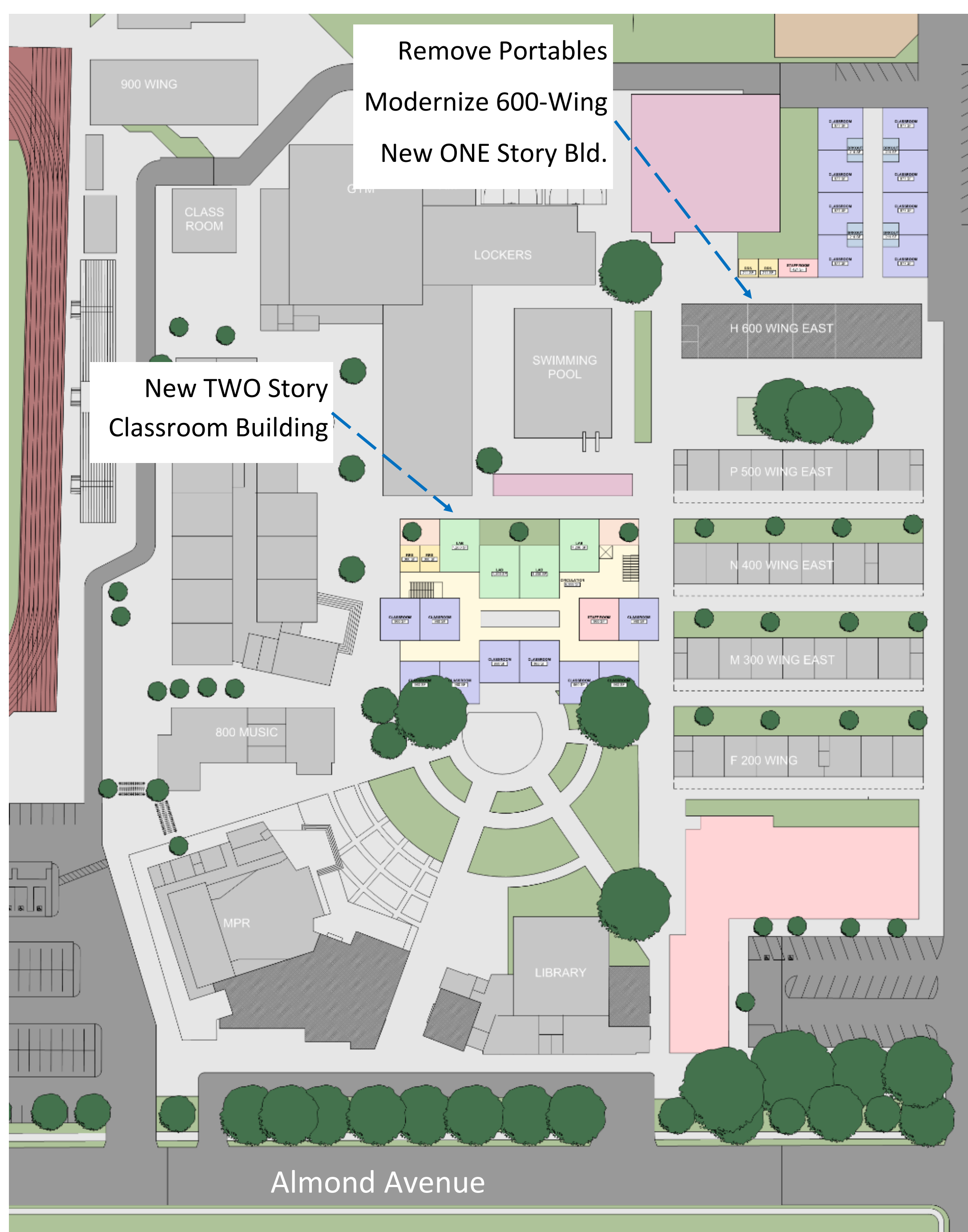
- Demolished 300W/ 400W, 600-Wing & Portables
- 47,000 SF 3-Story with 24-Classrooms & Labs
- 23,000 SF 1-Story with 15-Classrooms & Labs



LOS ALTOS HIGH SCHOOL NEW CLASSROOM BUILDING

OPTION THREE

- Demolished 300W/ 400W & Portables
- 44,000 SF 2-Story with 27-Classrooms & Labs
- 10,000 SF 1-Story with 8-Classrooms
- Modernize 600-Wing



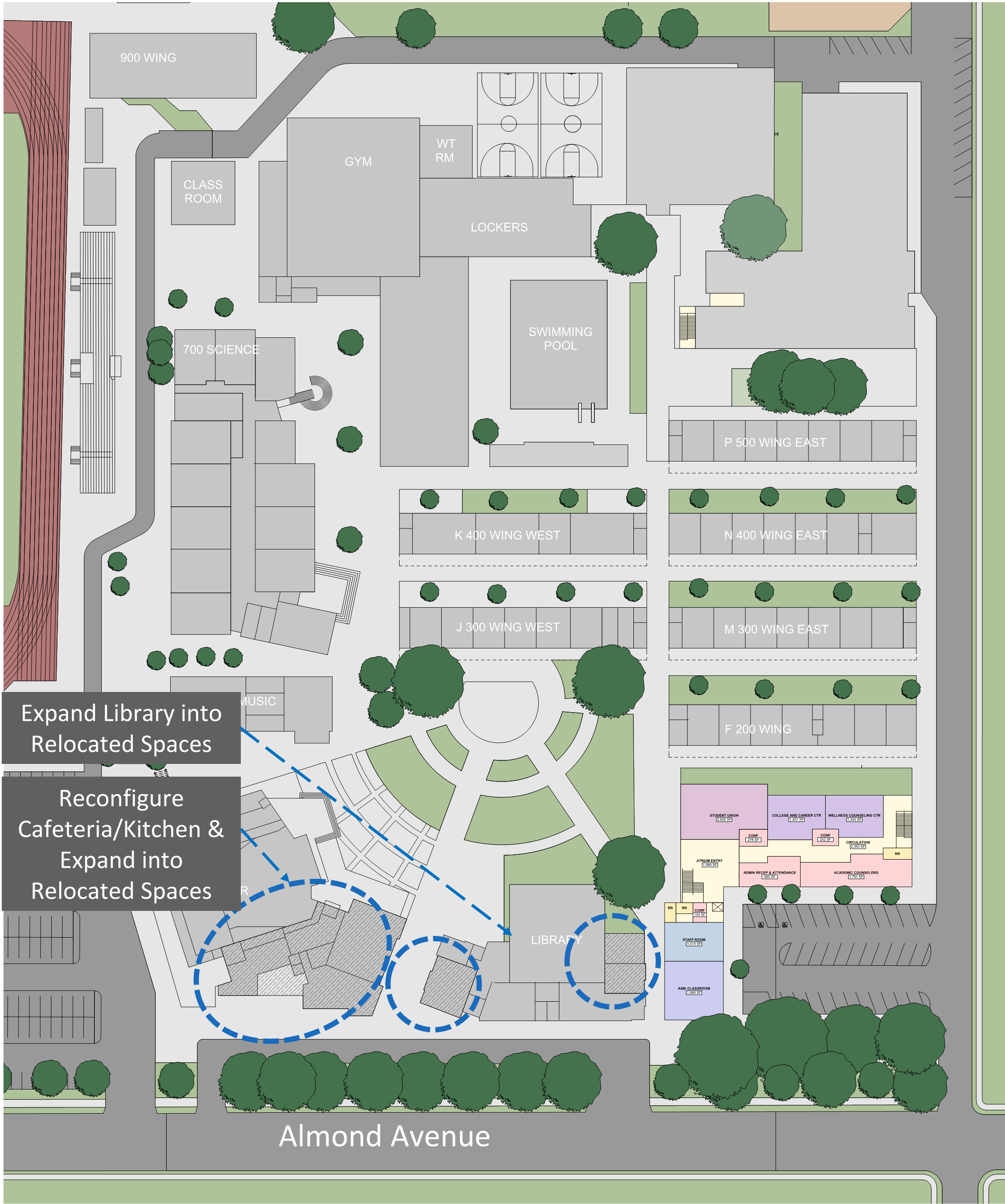
LOS ALTOS HIGH SCHOOL CLASSROOM BLD. STUDY

LAHS SUMMARY OF CLASSROOM OPTIONS

| Option | Area of Building(s) | Max No. Floors | Net New Clrms. | Modernize 600-Wing | Program Budget | |
|---------------------|---------------------|----------------|----------------|--------------------|----------------|--------------|
| | | | | | Low Range | High Range |
| Current MP Option | 40,000 SF | 2 | 17 | No | \$38,300,000 | \$42,130,000 |
| Option One | 60,000 SF | 3 | 17 | Yes | \$62,000,000 | \$68,200,000 |
| Option Two | 70,000 SF | 3 | 17 | No | \$67,000,000 | \$74,700,000 |
| Option Three | 54,000 SF | 2 | 17 | Yes | \$55,300,000 | \$60,800,000 |

Recommend Current Master Plan Option

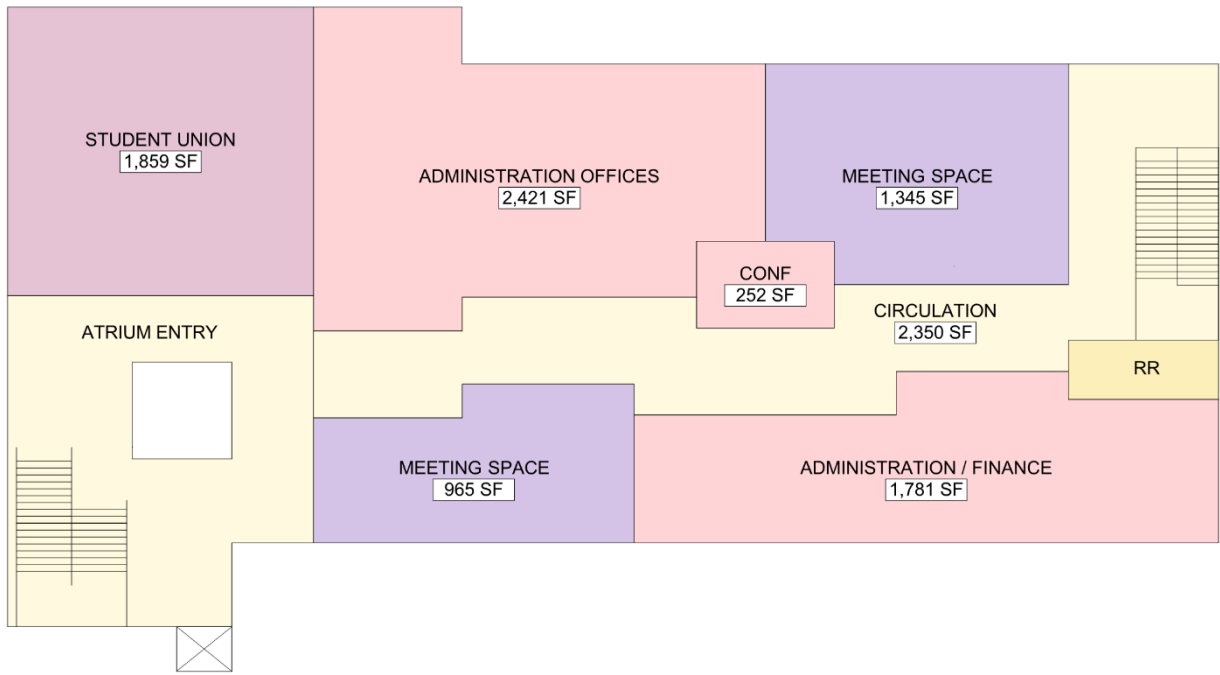
- Due to High Cost, Increased Construction Disruption & Ability to Mitigate Neighbor Impact on Two-Story Construction
 - Increased Cost for Options Vary from \$17 million to \$32 million



LOS ALTOS HIGH SCHOOL NEW STUDENT SERVICES BLDG

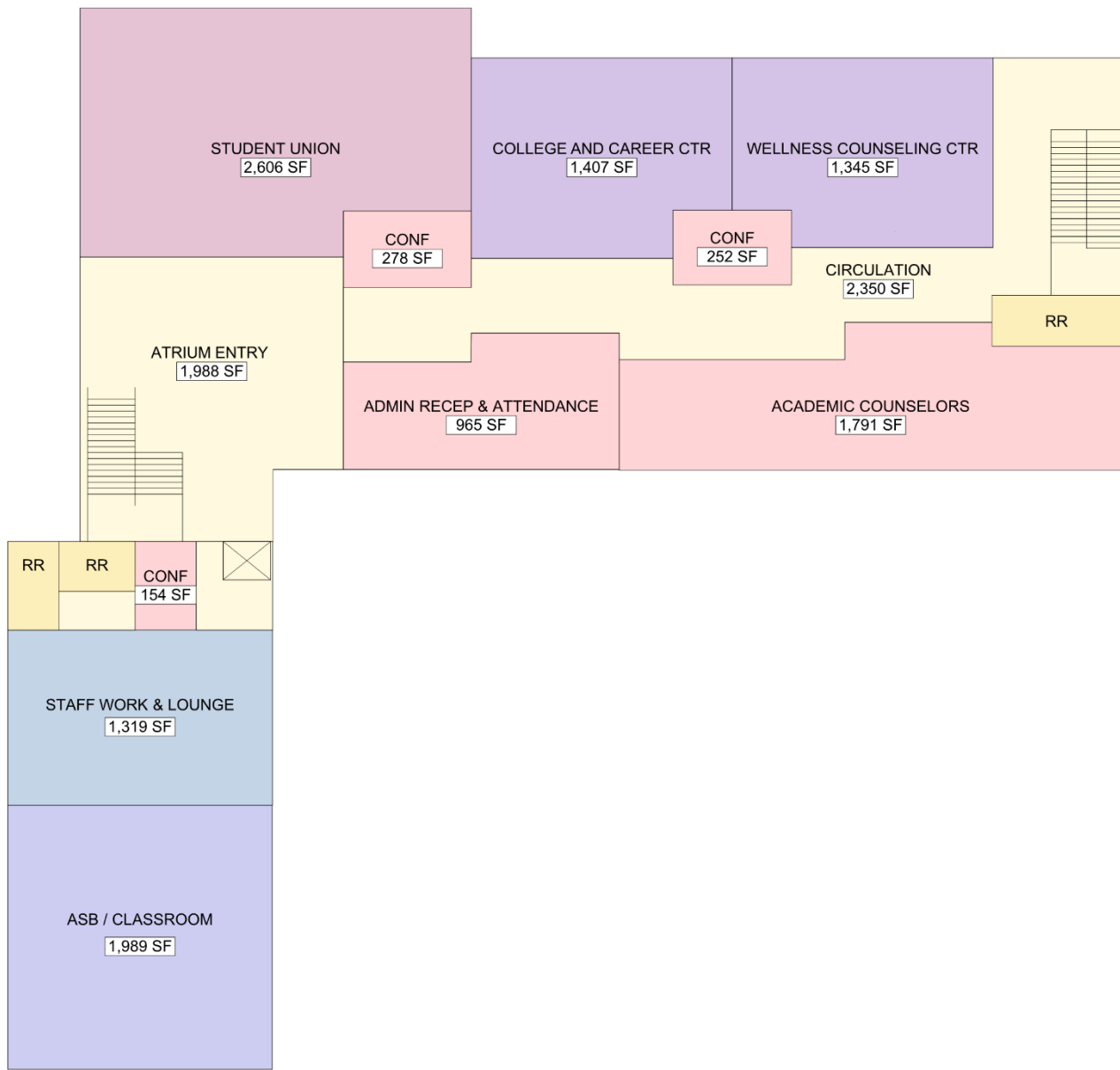
SECOND FLOOR

- 3,200 SF Administrative Suite
- Two Flexible Meeting Rooms (1,345 SF and 965 SF)

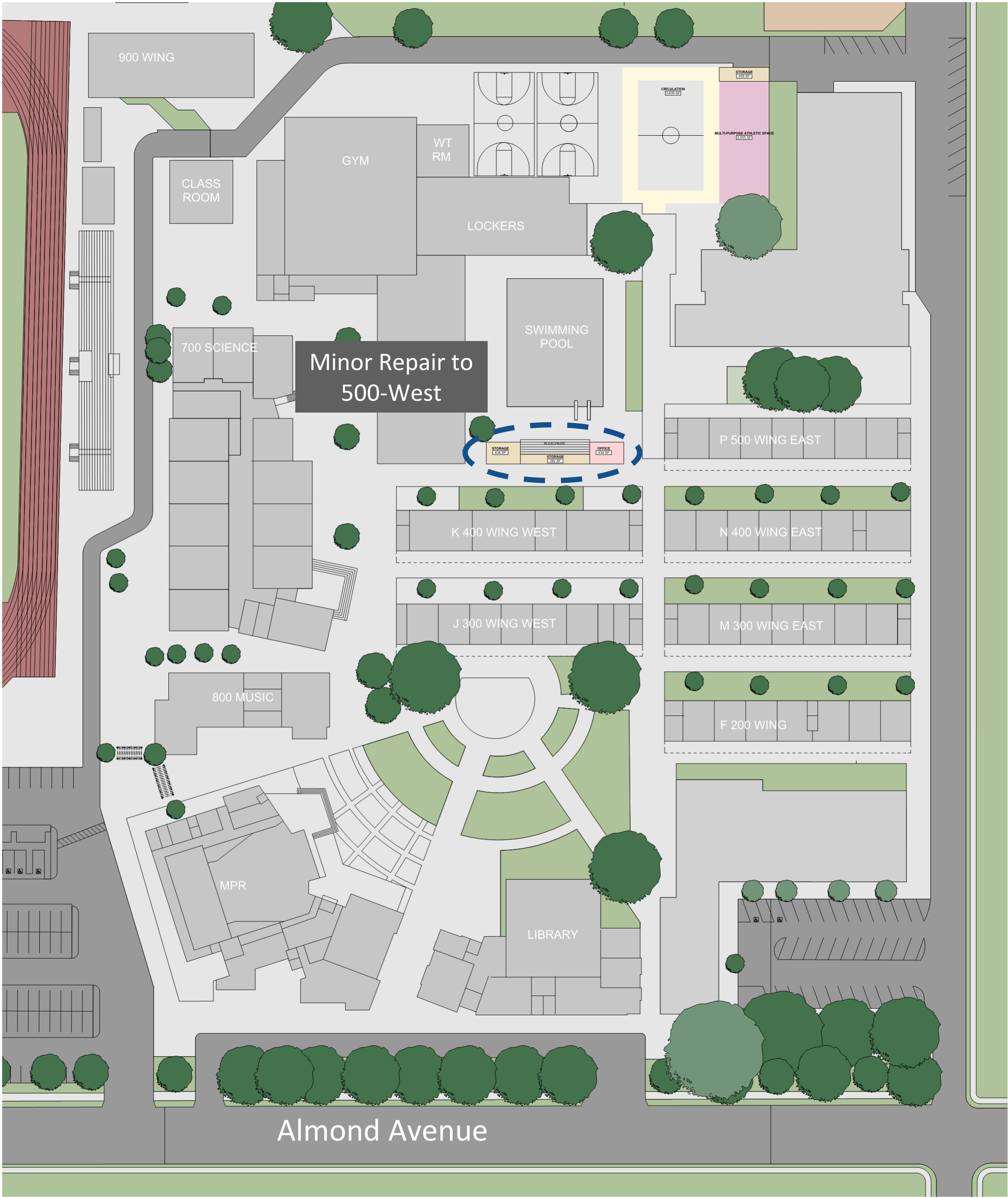


FIRST FLOOR

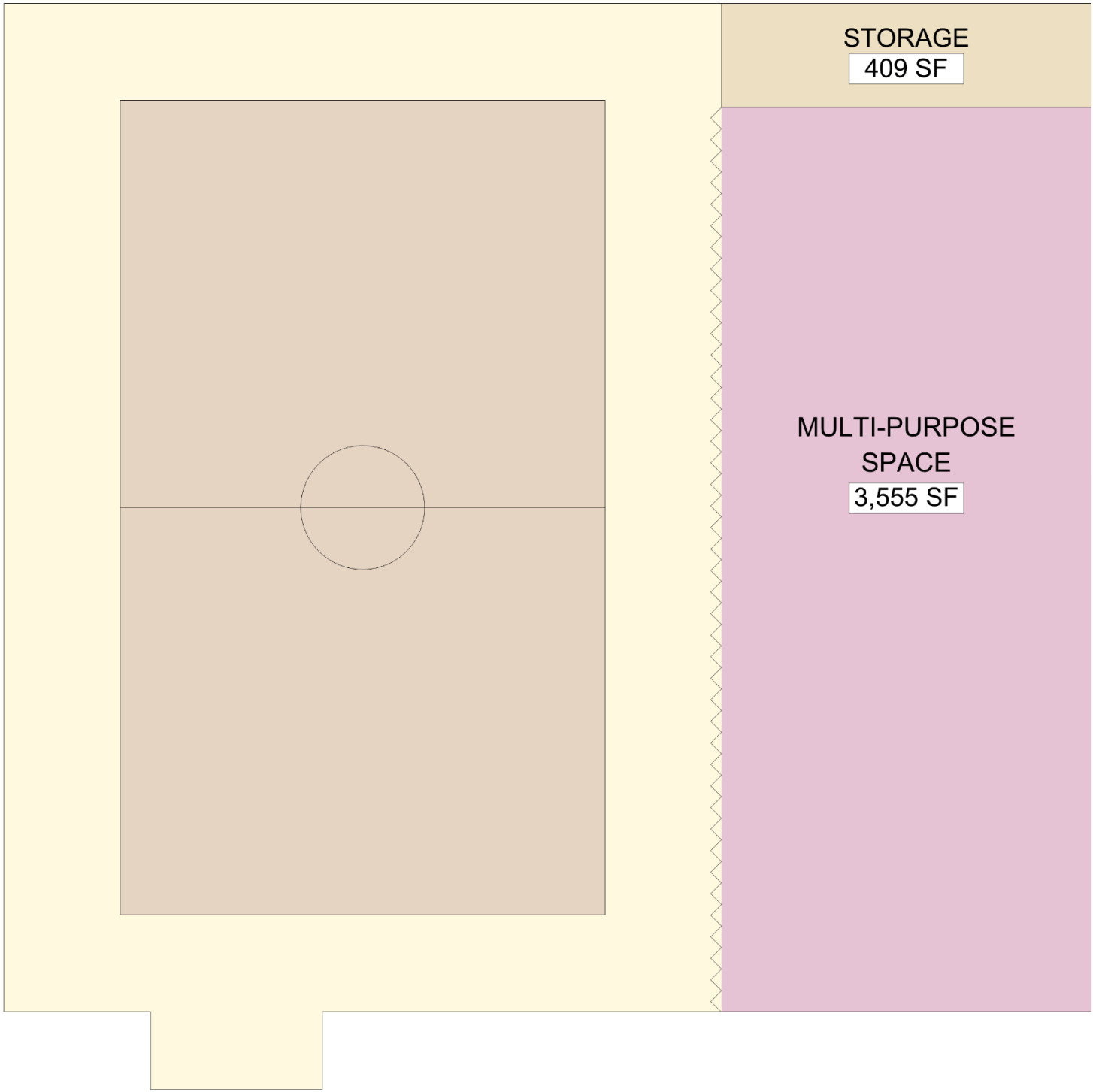
- Two-story atrium and student union with controlled access
- Staff lounge and work room
- College & Career Center, Wellness counseling, academic counseling co-located



| | |
|------------------------|-----------|
| New Classrooms/ Labs: | 1 |
| Classrooms Removed: | 4 |
| NET CLASSROOMS: | -3 |



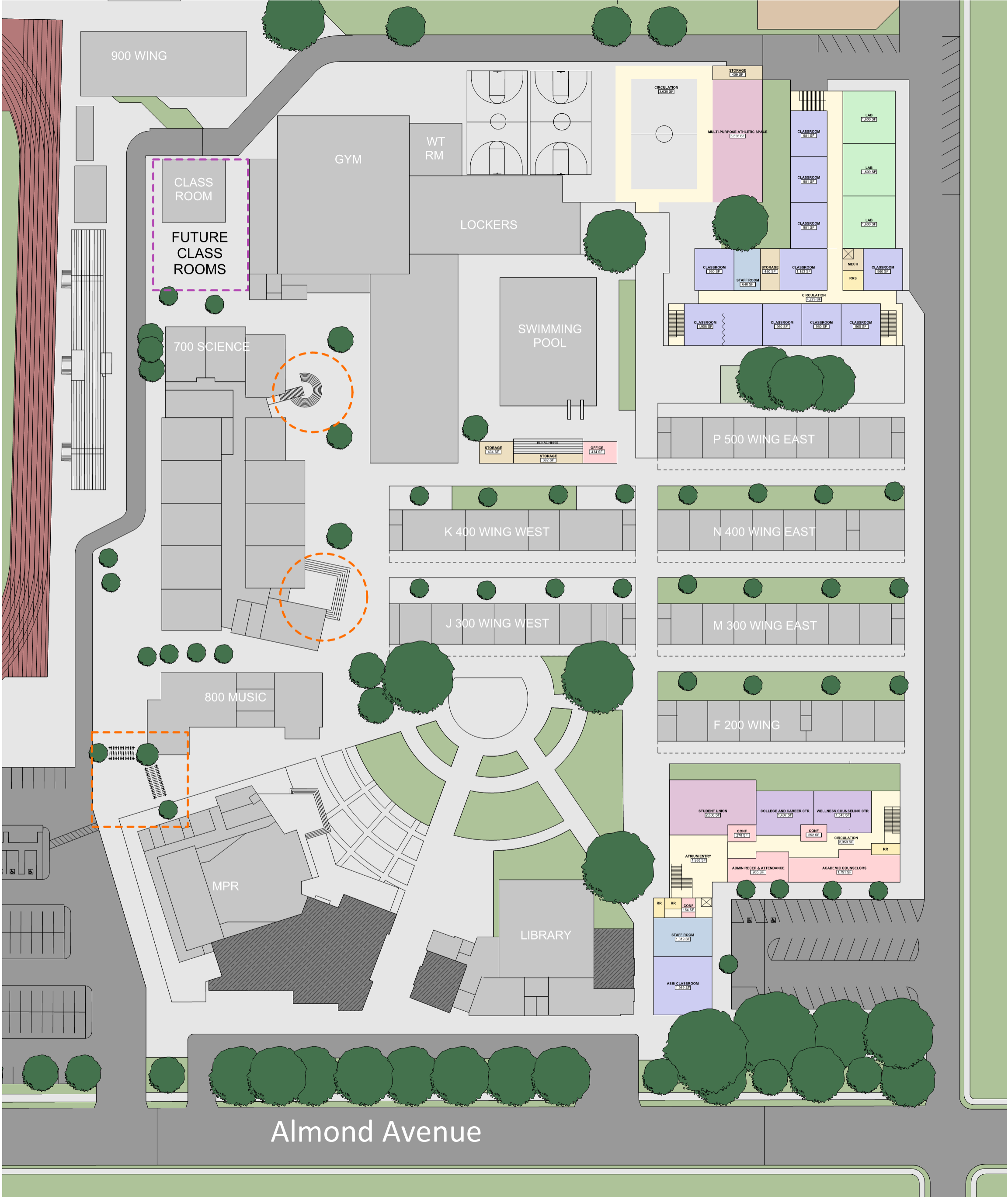
LOS ALTOS HIGH SCHOOL NEW AUXILIARY GYM



- AUXILIARY GYM**
- 50'x84' basketball court for athletic/PE space
 - Multi-Purpose Space Uses Include:
 - Gymnastics
 - Movement/ Exercise
 - Testing
 - Performing Arts
 - Can be divided with moveable wall

| | |
|------------------------|----------|
| New Classrooms/ Labs: | 1 |
| Classrooms Removed: | 0 |
| NET CLASSROOMS: | 1 |





LOS ALTOS HIGH SCHOOL MASTER PLAN

- New Student Services Building
 - Student Services/ Administration Space
 - Student Union
 - Wellness Center
 - Flexible Meeting Rooms/Testing Center
- New Two-Story Classroom Building
 - Classrooms for Growth
- New Auxiliary Gym
- Building Modernizations & Improvements
- One Synthetic Field

| Final Site Classroom Count | |
|----------------------------|-----------|
| New Classrooms: | 31 |
| Classrooms Removed: | 16 |
| NET CLASSROOMS: | 15 |



MOUNTAIN VIEW HIGH SCHOOL

EXISTING CAMPUS

PROGRAM NEEDS

- Classrooms for Growth
- Student Services Space
- Student Union
- Special Education
- Wellness Center
- Flexible Meeting Rooms/Testing
- Performing Arts Classrooms
- Auxiliary Gym

FACILITY ASSESSMENT NEEDS

- Replace Aging Portables
- Roof/Plumbing/HVAC
- Food Service/Kitchens
- Accessibility Improvements
- Storm Drainage
- Signage
- Select Synthetic Turf Field

MOUNTAIN VIEW HIGH SCHOOL




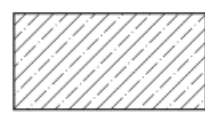



MASTER PLAN

NEW CONSTRUCTION

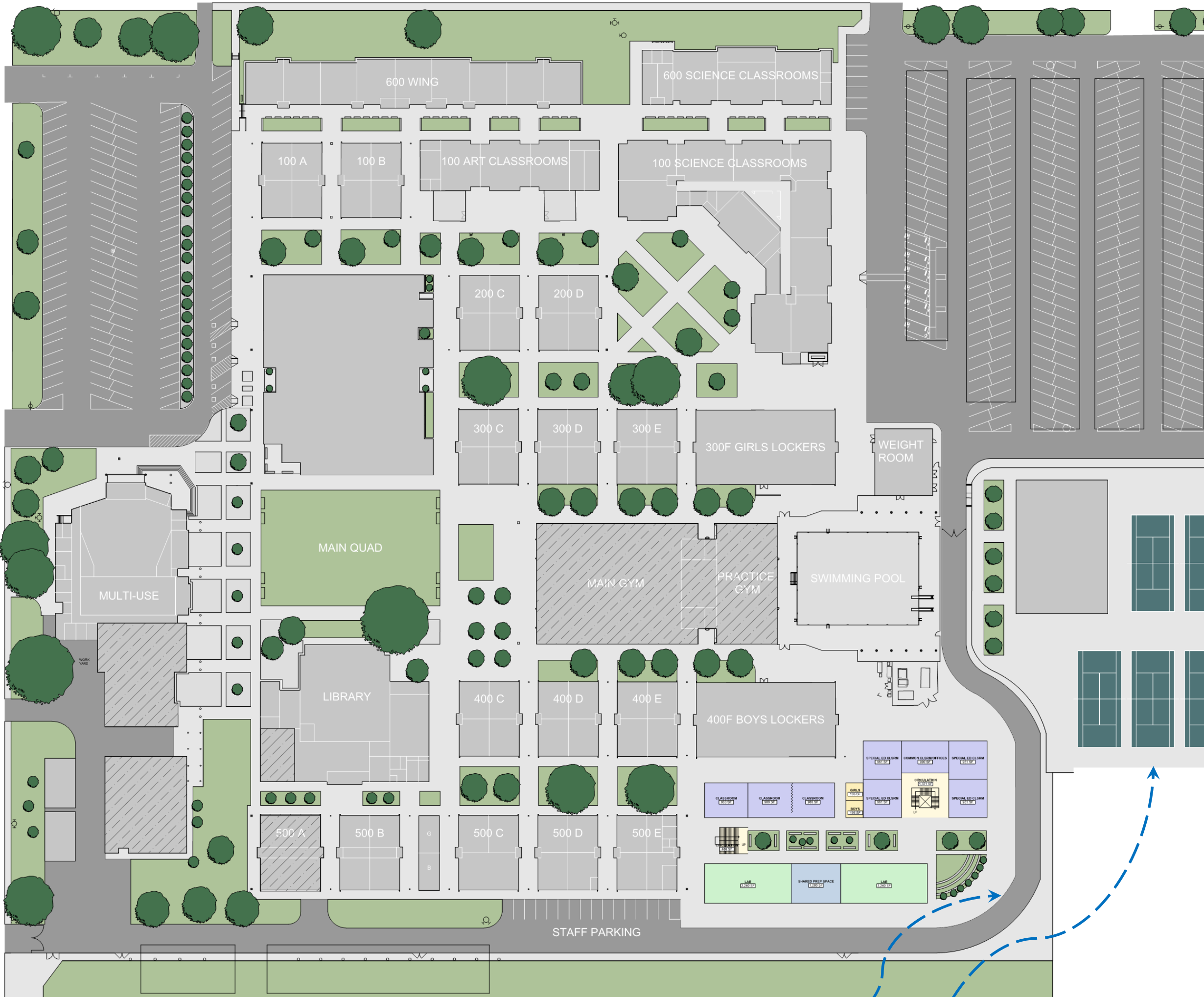
- New Student Services Building
- New Classroom Building
- New Auxiliary Gym

MODERNIZATIONS & IMPROVEMENTS

- Repurpose Cafeteria into Performing Arts Classrooms
- Modernize Packer Hall
- Repurpose Current Small Gym
- Enlarged Undersized Classrooms
- Site Improvements
- Future Area for Parking

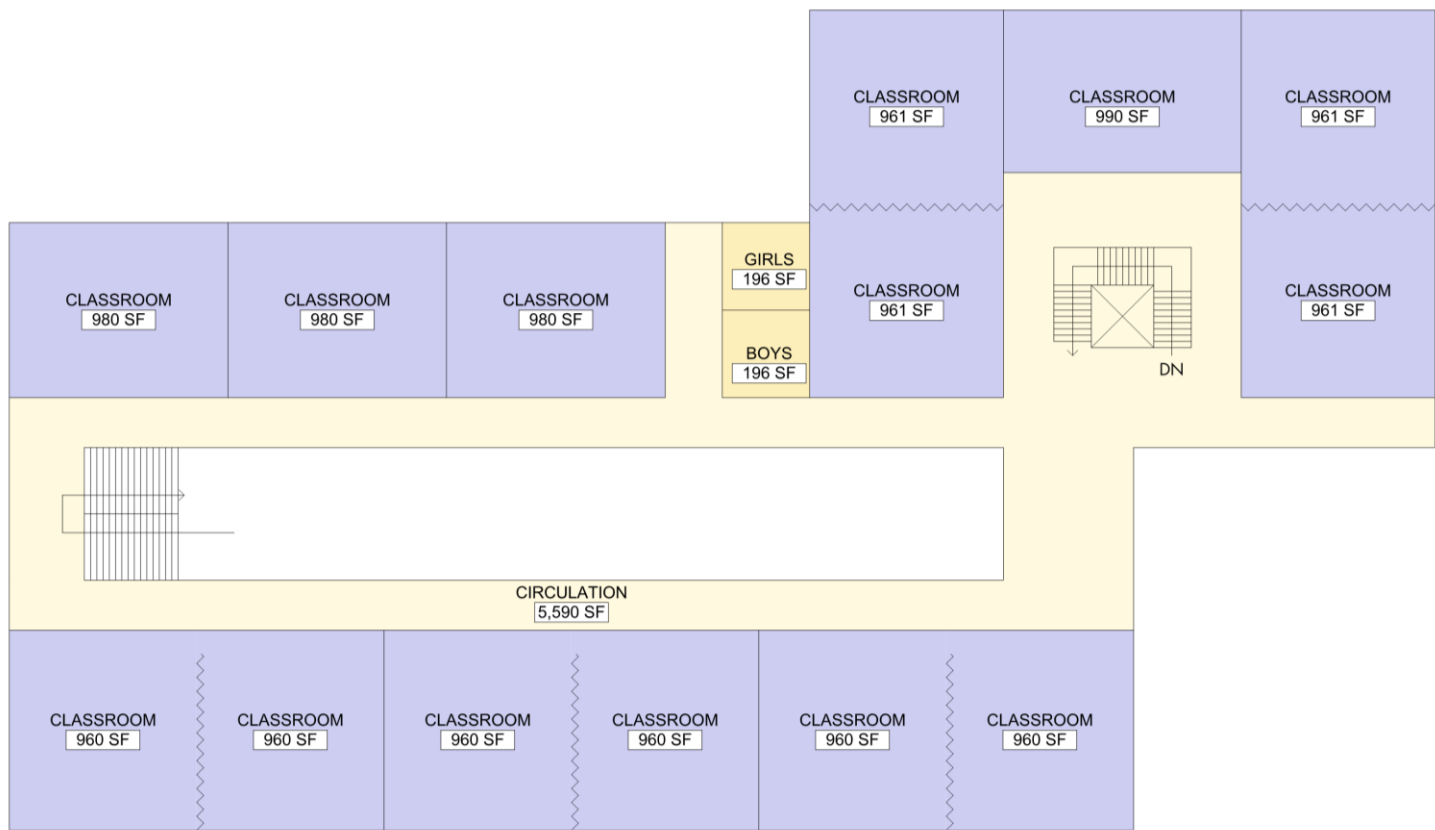
-  NEW TWO-STORY CLASSROOM BUILDING
-  NEW STUDENT UNION/ADMIN BUILDING
-  NEW AUXILIARY GYM
-  MODERNIZATION
-  FACILITY ASSESSMENT UPGRADES
-  SITE IMPROVEMENTS
-  FUTURE GROWTH

MOUNTAIN VIEW HIGH SCHOOL NEW CLASSROOM BUILDING

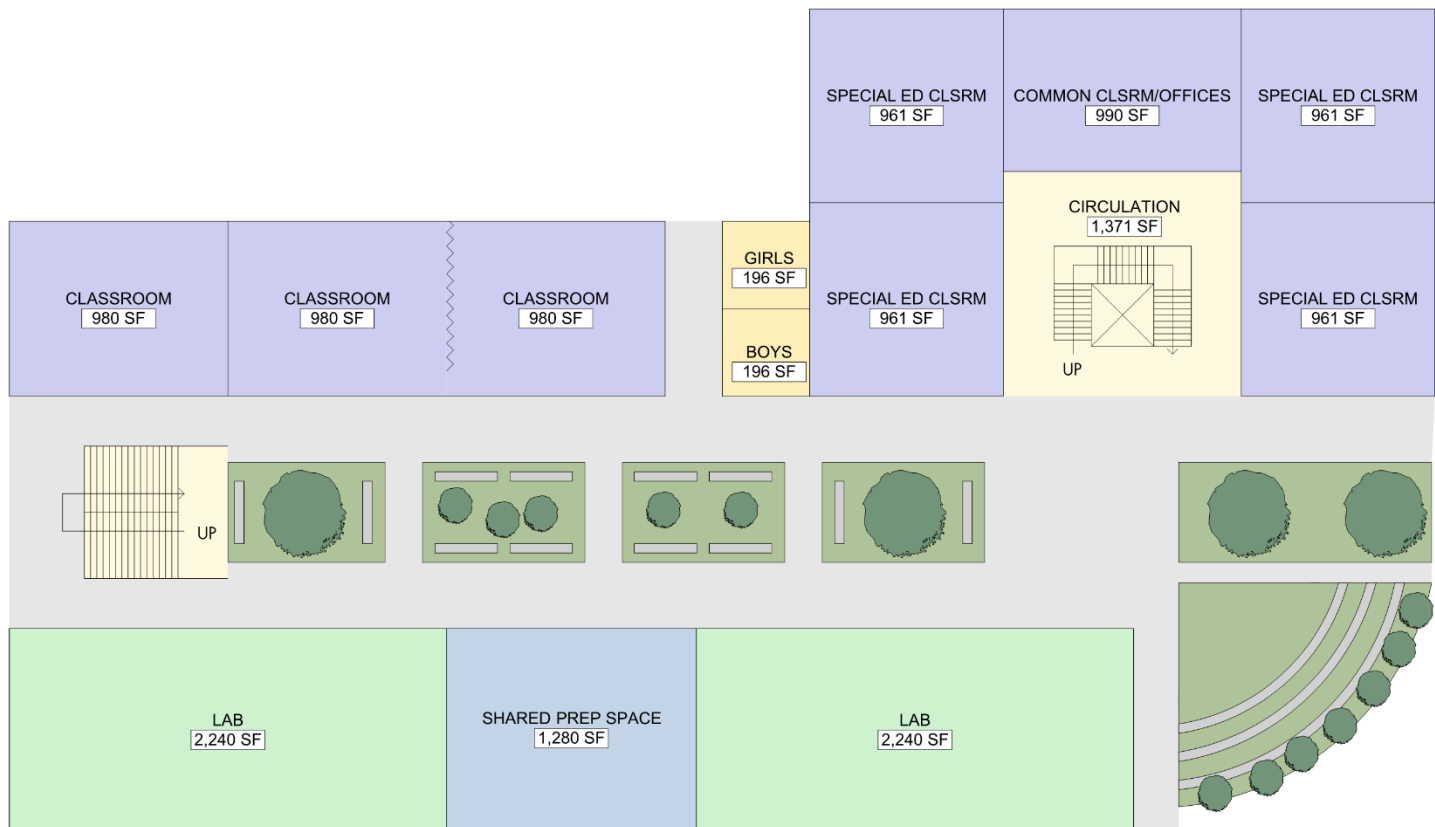


Realigned Fire Lane

Relocate 7-Tennis & 3-BB Courts



SECOND FLOOR



FIRST FLOOR

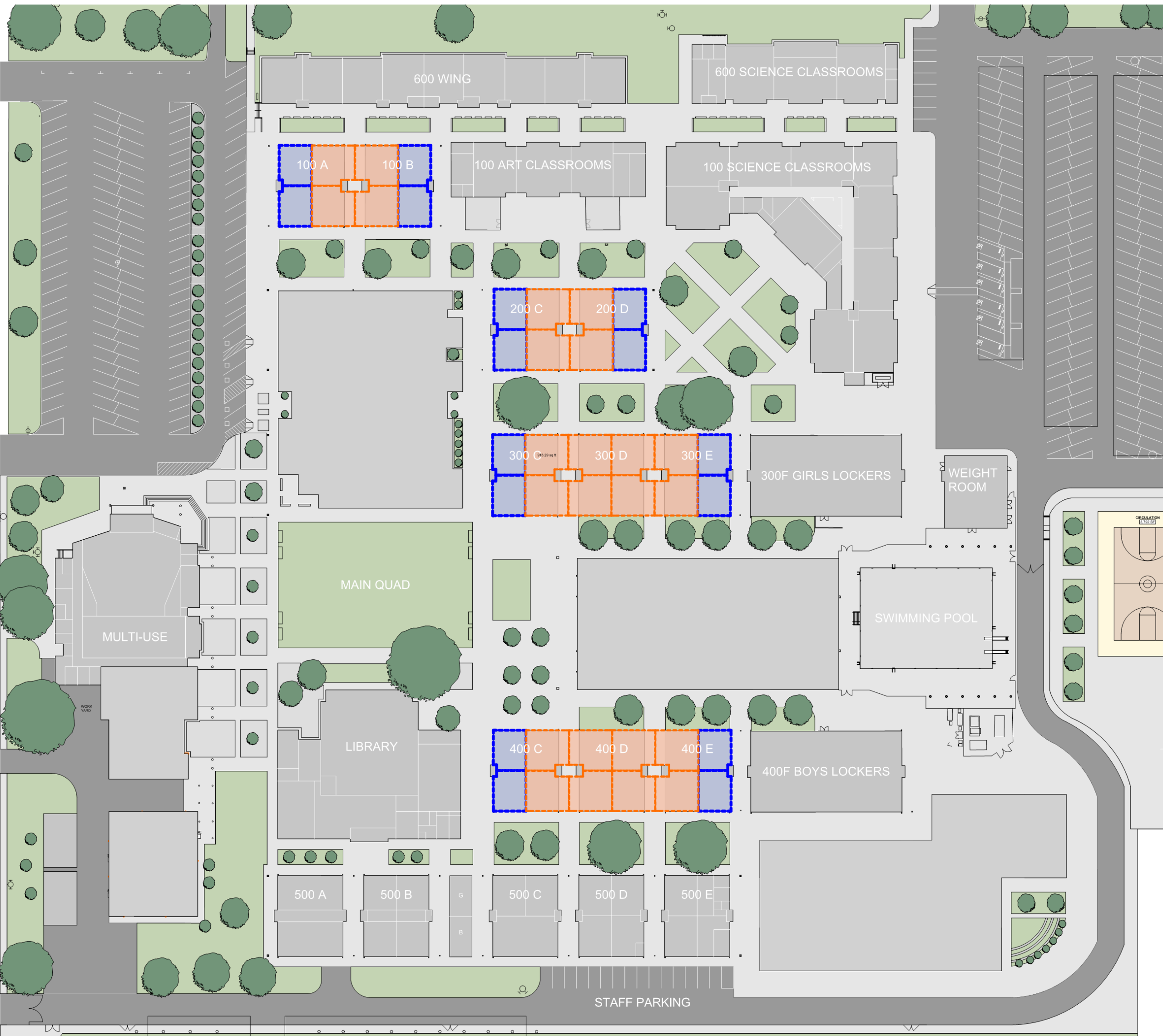
2-STORY CLASSROOM BLD.

- New Classrooms & Labs
- Special Ed. Spaces
- Support Spaces
- Toilet Rooms
- Outdoor Learning Areas

| | |
|------------------------|-----------|
| New Classrooms: | 24 |
| Classrooms Removed: | 10 |
| NET CLASSROOMS: | 14 |



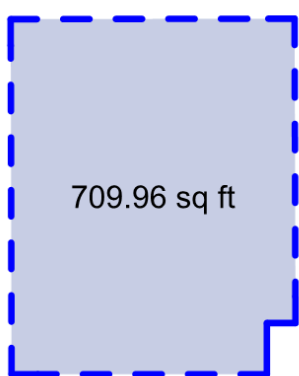
MOUNTAIN VIEW HIGH SCHOOL ENLARGED CLASSROOMS



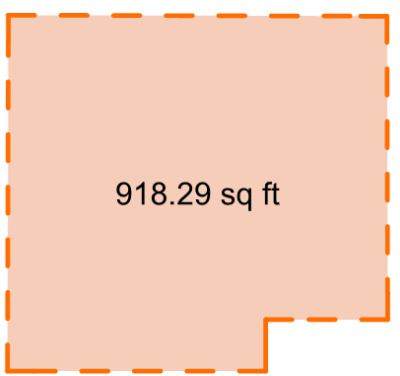
Existing Classroom to Remain Unchanged



Expanded Classroom



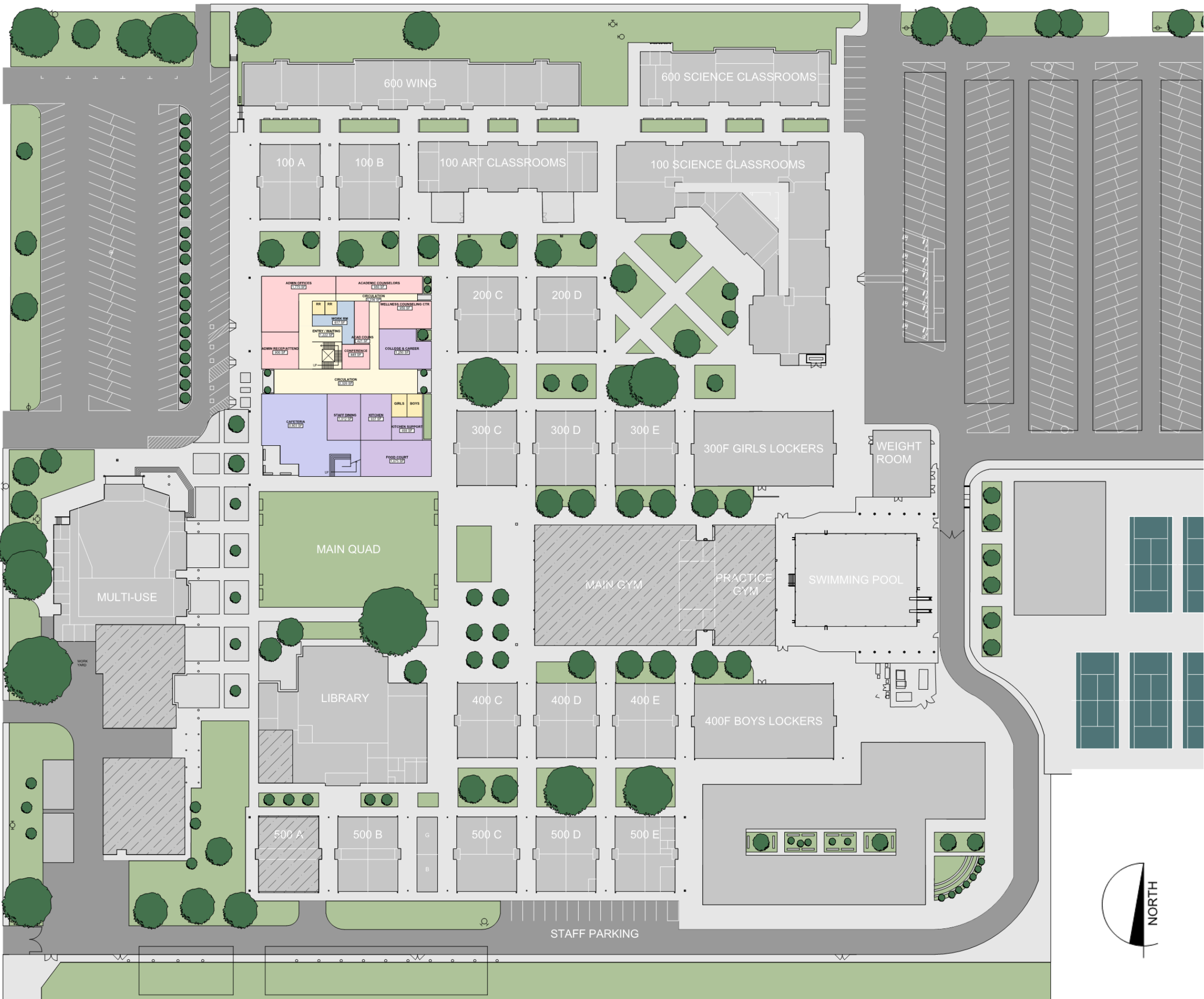
Typical Existing Classroom Size
710 SF



Typical Expanded Classroom Size
918 SF

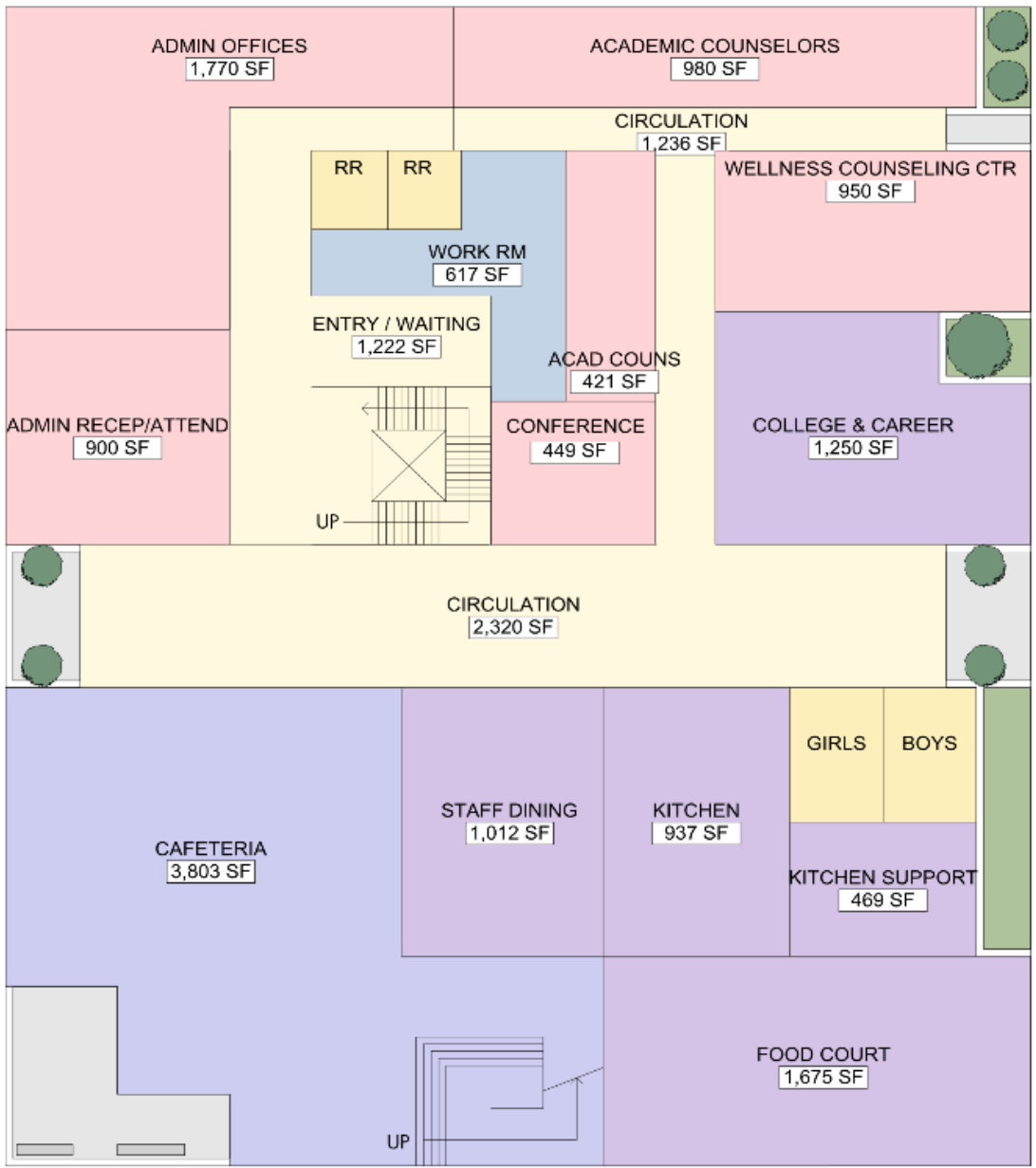
100 to 400 Wings:
Undersized Classrooms Enlarged = 24



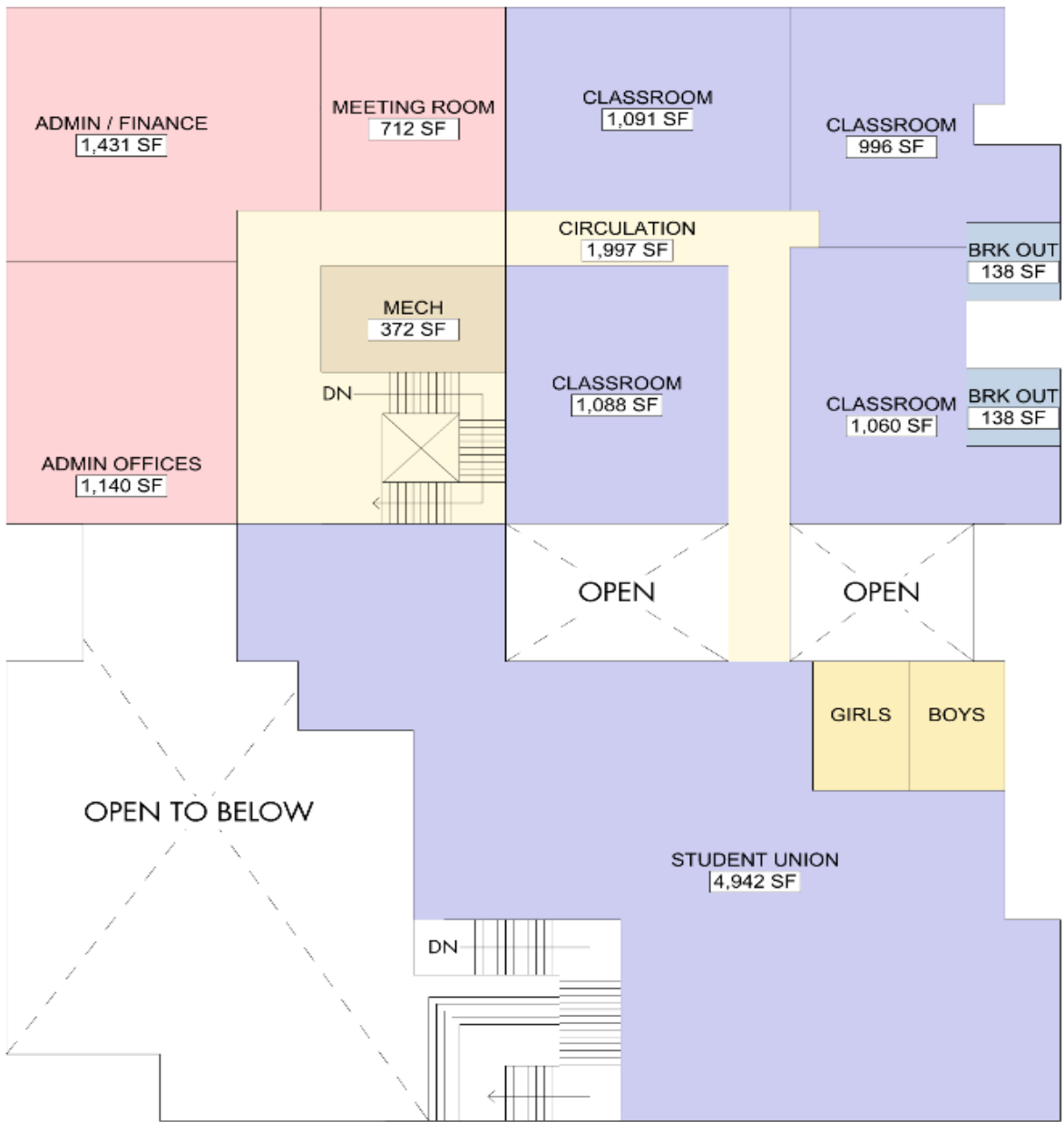


MOUNTAIN VIEW HIGH SCHOOL NEW STUDENT SERVICES BLDG

FIRST FLOOR



SECOND FLOOR

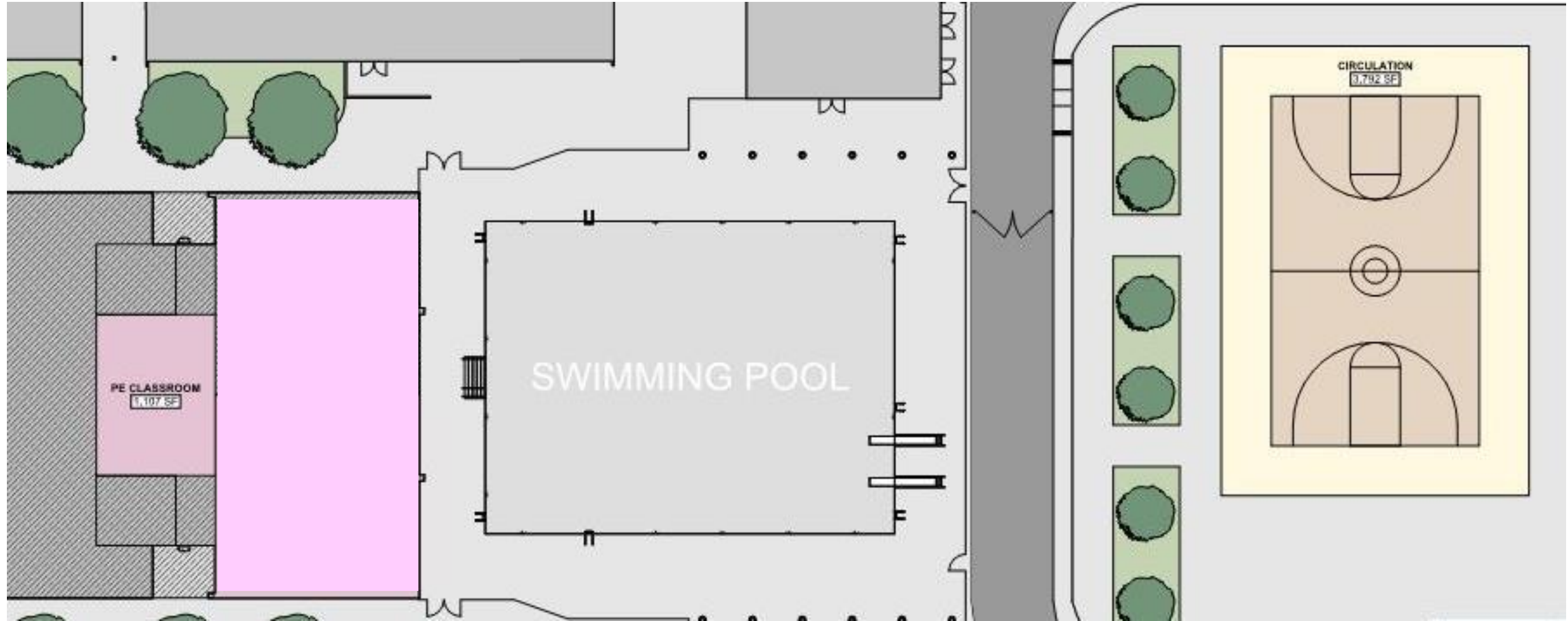
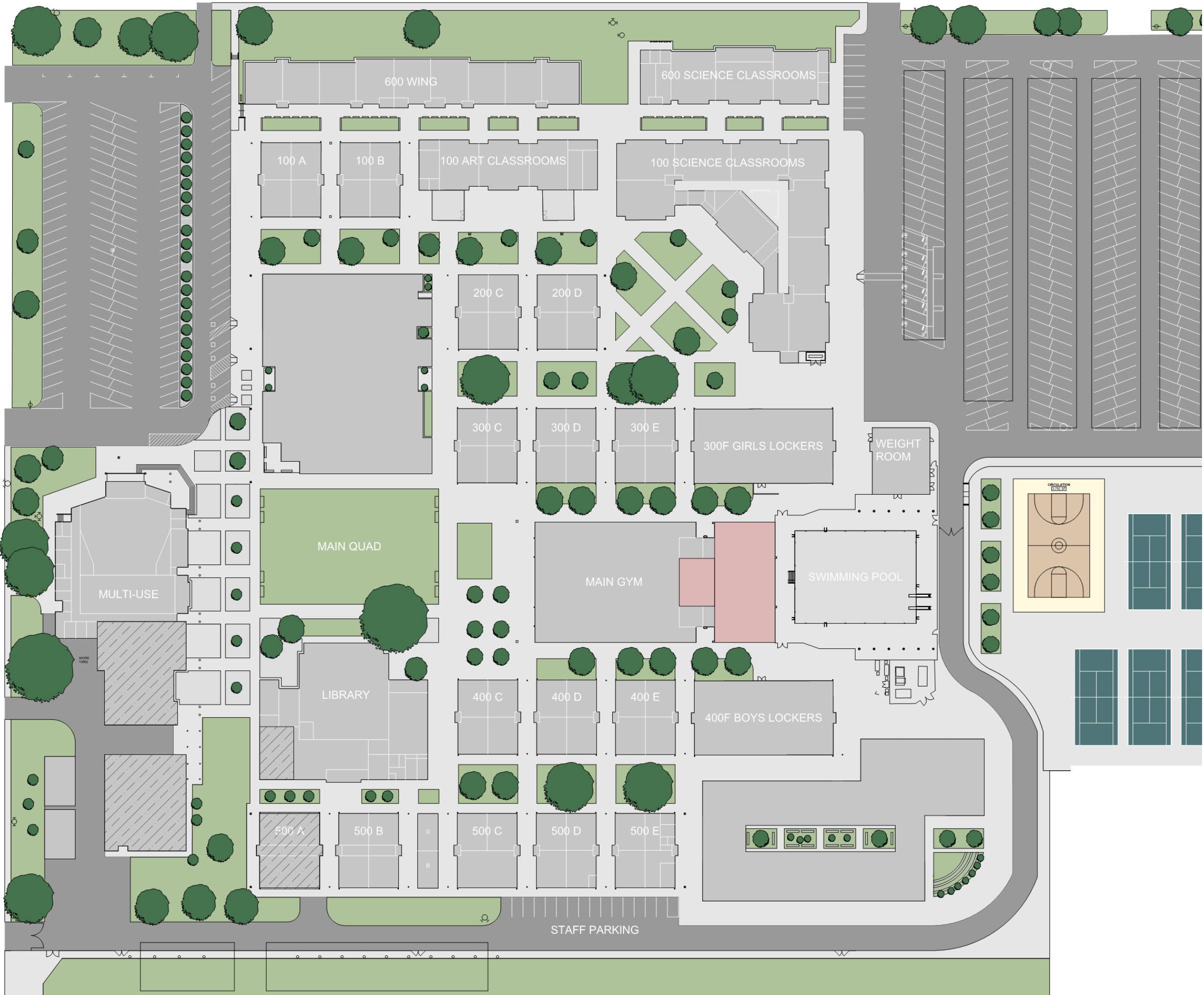


NEW TWO-STORY STUDENT SERVICES BLDG

- Two-Story Entry Atrium with Controlled Access
- 2-Story Student Union/Cafeteria w/New Kitchen
- Admin Offices, Staff lounge, and Work Room
- College/Career Center, Wellness Counseling, Academic Counseling
- Second Level Classrooms
- Flexible Meeting Rooms

| | |
|------------------------|-----------|
| New Classrooms: | 4 |
| Classrooms Removed: | 8 |
| NET CLASSROOMS: | -4 |

MOUNTAIN VIEW HIGH SCHOOL NEW AUXILIARY GYM



REPURPOSE CURRENT AUX. GYM

- Multi-Purpose Space Uses:
 - Dance/ Movement
 - Wrestling
 - Testing
 - Performing Arts
 - Can be divided with moveable wall

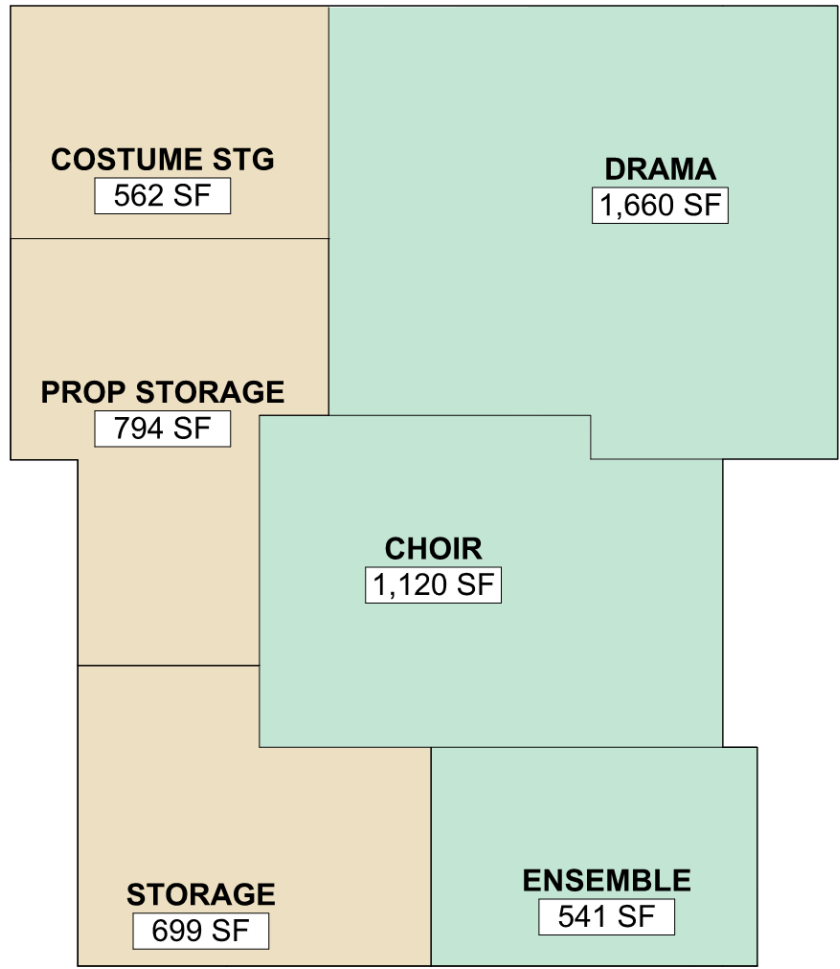
NEW AUXILIARY GYM

- 50'x84' Basketball Court for Athletic/PE space

| | |
|------------------------|----------|
| New Classrooms: | 2 |
| Classrooms Removed: | 0 |
| NET CLASSROOMS: | 2 |

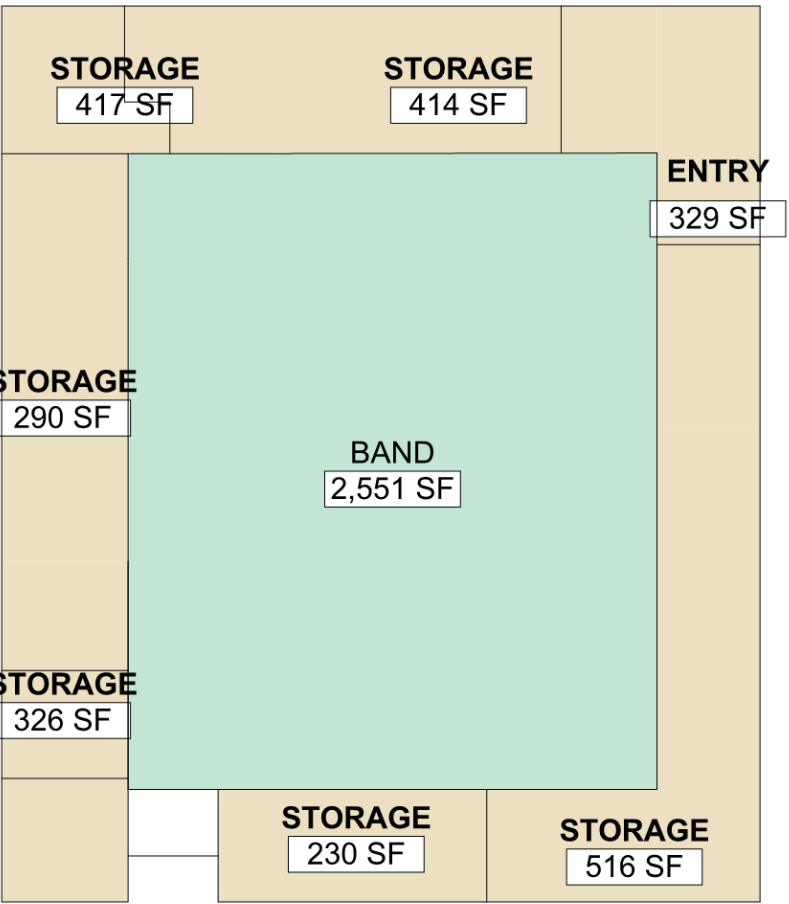


MOUNTAIN VIEW HIGH SCHOOL PERFORMING ARTS COMPLEX



REPURPOSE CAFETERIA

- Drama Classroom/ Blackbox
- Costume and Prop Storage
- Choir Room
- Ensemble Spaces



PACKARD HALL

- Upgrades to existing facility

Repurpose 500A

- Lab
- Teaching Space



| | |
|------------------------|----------|
| New Classrooms: | 2 |
| Classrooms Removed: | 0 |
| NET CLASSROOMS: | 2 |

MOUNTAIN VIEW HIGH SCHOOL

MASTER PLAN

- New Student Services Building
 - Entry /Student Services/ Administration Space
 - Student Union/ New Cafeteria with Kitchen
 - Wellness Center
 - Flexible Meeting Rooms/Testing Center
- New Two-Story Classroom Building
 - Classrooms for Growth & Replace Portables
- New Auxiliary Gym & Repurpose Small Gym
- Performing Arts Spaces
- Enlarged Classrooms
- Building Modernizations & Improvements
- One Synthetic Field

Final Site Classroom Count

New Classrooms: 32

Classrooms Removed: 18

NET CLASSROOMS: 14



CLASSROOM SIZE COMPARISON

CLASSROOM SIZE COMPARISON – MVHS & LAHS

| High School | Classrooms < 800 SF | | Classrooms > 800 SF | | |
|----------------------------------|------------------------|-----|------------------------|-----|--|
| MVHS Today: | 54 | 57% | 40 | 43% | Of These, <u>52</u> are 710 SF or less |
| MVHS Future (post-construction): | 28 | 26% | 80 | 74% | |
| LAHS Today: | 31 | 33% | 62 | 67% | Of These, <u>NONE</u> are Under 750 SF |
| LAHS Future (post-construction): | 27 | 25% | 81 | 75% | |

Department of Education Minimum Classroom is 800 SF



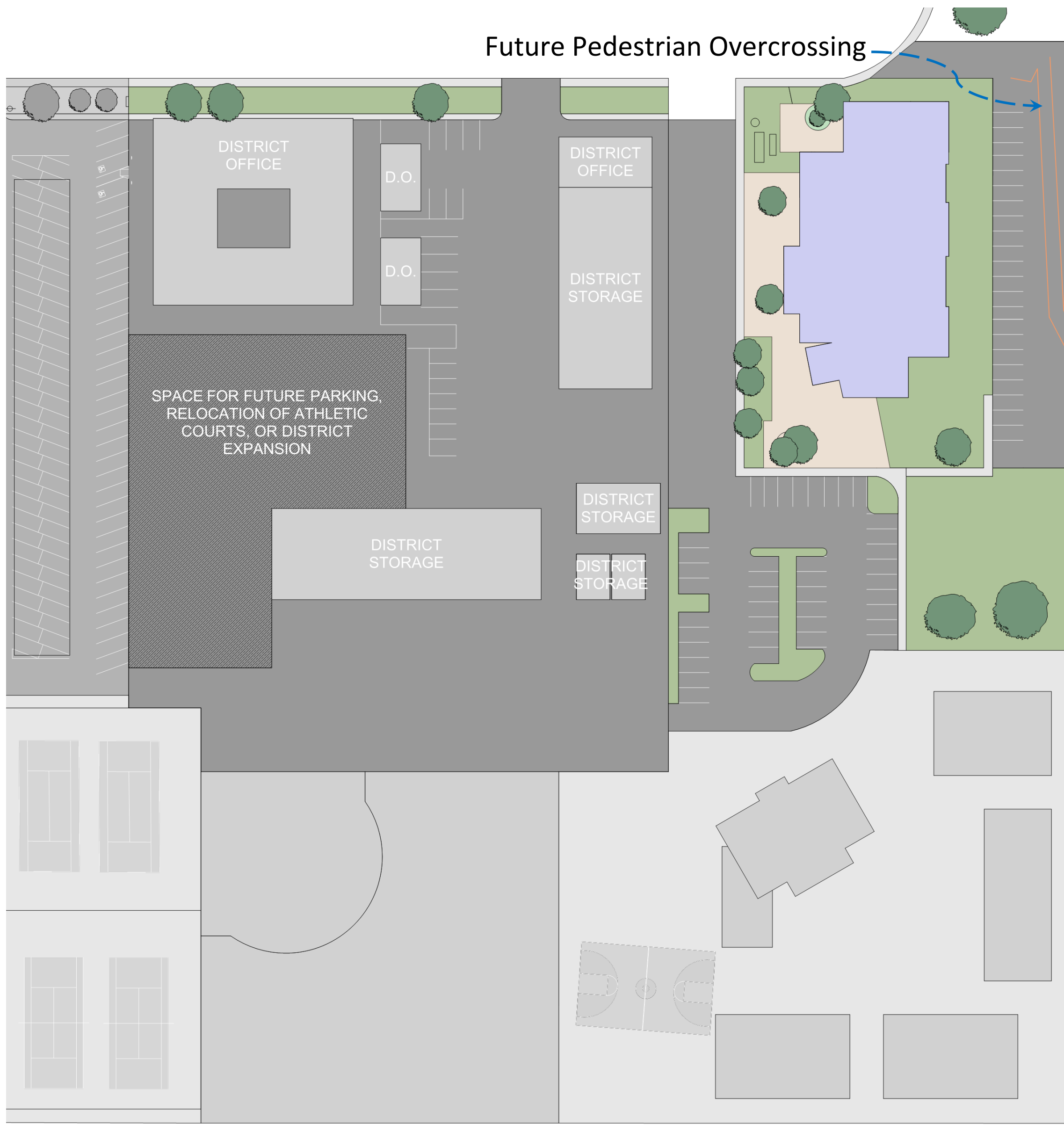
FREESTYLE ACADEMY

EXISTING CAMPUS

PROGRAM NEEDS

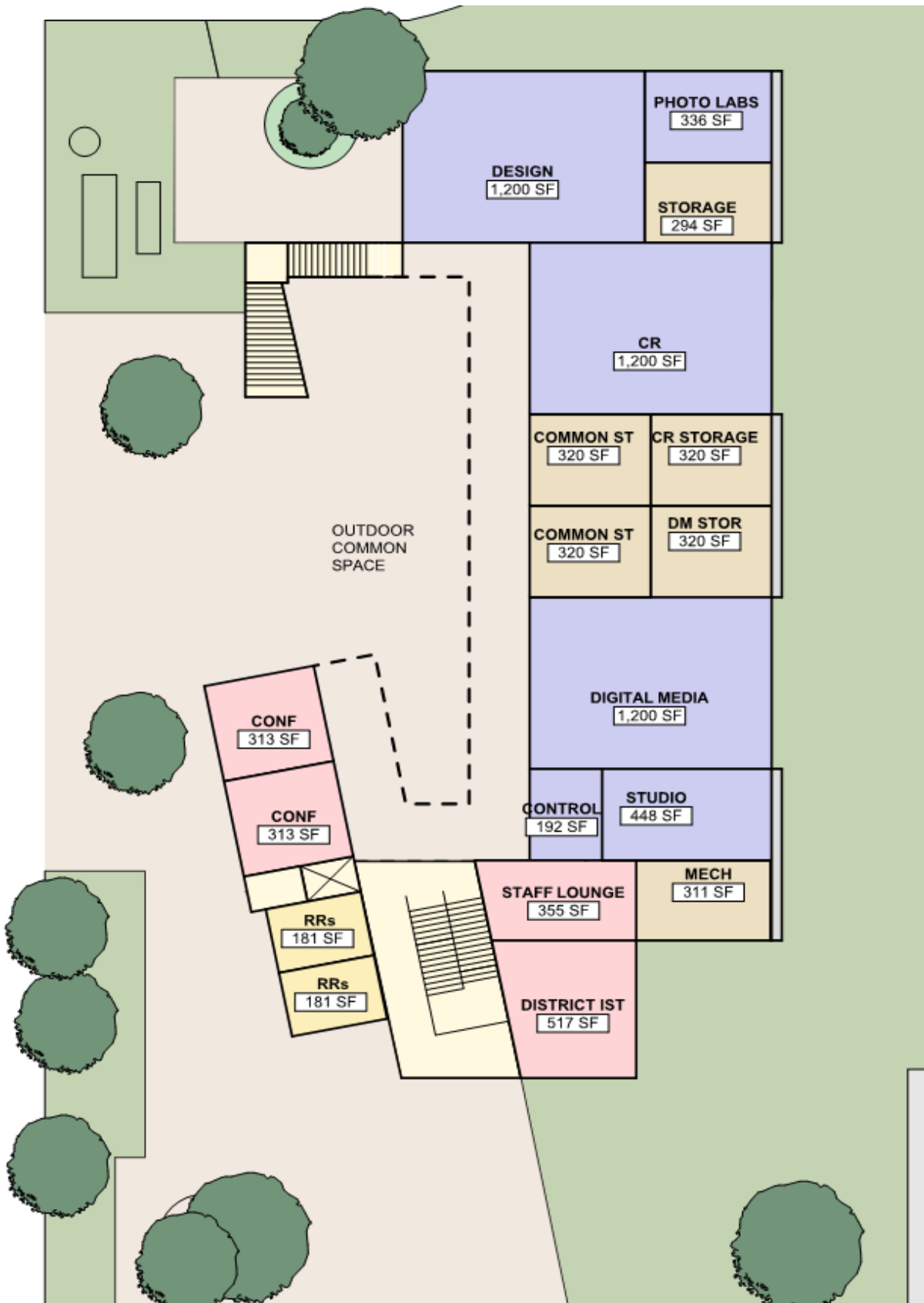
- General Classroom
- Specialized Media Classrooms with Appropriate Support Spaces
- Common Space
- Staff Lounge



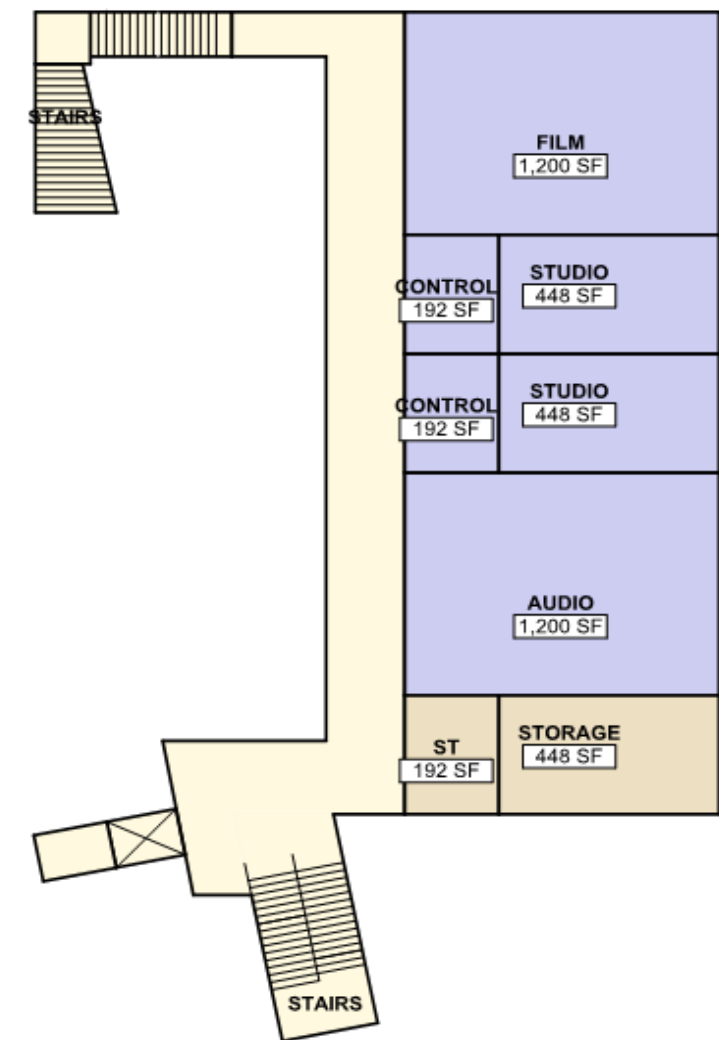


FREESTYLE ACADEMY NEW BUILDING

FIRST FLOOR



SECOND FLOOR



- Four digital media classrooms
- One general classroom
- Two-story atrium with digital display board for gatherings, presentations
- Two small conference rooms
- District IST offices
- Staff lounge



MASTER PLAN PROGRAM BUDGET

CONSTRUCTION & NON-CONSTRUCTION COSTS

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|--|----------------------------|------------|-------|---|---------|---------------|--|-----------------------------|---------------------------------|------------------|-------|
| 1 | MOUNTAIN VIEW LOS ALTOS UNION HIGH SCHOOL DISTRICT 2018 BOND PROGRAM | | | | | | | | | | | |
| 2 | | Recommended Program Budget | | | *Facility Assessment Maintenance & Repair Work. Cost in thousands (,000) | | | | | | | |
| 3 | MASTER PLAN PROJECTS | Low Range | High Range | Notes | Project Costs | | | | | | | |
| 4 | <u>MOUNTAIN VIEW HIGH SCHOOL</u> | | | | Roofing | Windows | Window Shades | Upgrades to interior finishes & cabinets | HVAC repairs & replacements | Lighting repairs & replacements | ADA to meet code | Total |
| 5 | New construction | | | | | | | | | | | |
| 6 | Student Services Student Union Building | | | | | | | | | | | |
| 7 | Two Story Classroom & Lab Building | | | | | | | | | | | |
| 8 | Auxiliary Gymnasium / Multi-use Facility | | | | | | | | | | | |
| 9 | Building Modernization | | | | | | | | | | | |
| 10 | Existing Gym Mods (Large & Small Gyms) | | | | | | | | | | | |
| 11 | Library Modernization | | | | | | | | | | | |
| 12 | Repurpose exist. cafeteria bldg. for Perf. Arts | | | | | | | | | | | |
| 13 | Packard Hall modernization | | | | | | | | | | | |
| 14 | Enlarge 24 existing classrooms. 100-400 wings | | | | | | | | | | | |
| 15 | Campus site repairs & improvements | | | | | | | | | | | |
| 16 | ADA, Storm, Signage, Courtyard Combined | | | | | | | | | | | |
| 17 | Athletic fields improvements | | | | | | | | | | | |
| 18 | Existing building repairs & improvements | | | | | | | | | | | |
| 19 | All exist. bldgs. facility assessment repairs combined | | | | | | | | | | | |
| 20 | Interim housing and relocation during constr. | | | | | | | | | | | |
| 21 | MVHS TOTAL | | | | | | | | | | | |

MASTER PLAN PROGRAM BUDGET
CONSTRUCTION & NON-CONSTRUCTION COSTS

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|--|----------------------------|----------------|-----------------------------------|---|-------|-----|----|-------|-------|-------|-----------|
| 1 | MOUNTAIN VIEW LOS ALTOS UNION HIGH SCHOOL DISTRICT 2018 BOND PROGRAM | | | | | | | | | | | |
| 2 | | Recommended Program Budget | | | *Facility Assessment Maintenance & Repair Work. Cost in thousands (,000) | | | | | | | |
| 3 | MASTER PLAN PROJECTS | Low Range | High Range | Notes | Project Costs | | | | | | | |
| 22 | LOS ALTOS HIGH SCHOOL | | | | | | | | | | | |
| 23 | New construction | | | | | | | | | | | |
| 24 | Student Services Student Union Building | \$ 29,600,000 | \$ 32,560,000 | | | | | | | | | |
| 25 | Two Story Classroom Building | \$ 38,300,000 | \$ 42,130,000 | | | | | | | | | |
| 26 | Auxiliary Gym / Multi-use Facility | \$ 11,250,000 | \$ 12,500,000 | | | | | | | | | |
| 27 | 500 Wing West replacement for storage AD | \$ 200,000 | \$ 220,000 | Allowance for repairs | | | | | | | | |
| 28 | Building Modernization | | | | | | | | | | | |
| 29 | Existing Gym Fac. Assessment work (Large Gym) | \$ 3,200,000 | \$ 3,520,000 | Fac Assess = \$3.12M | 1,144 | 274 | 0 | 0 | 972 | 389 | 338 | \$ 3,117 |
| 30 | Existing Library Fac. Assessment work | \$ 1,700,000 | \$ 1,870,000 | Fac Assess = \$1.67M | 520 | 48 | 0 | 14 | 980 | 98 | 13 | \$ 1,673 |
| 31 | Kitchen cafeteria modernization | \$ 3,800,000 | \$ 4,200,000 | Fac Assess = \$1.97M | 585 | 0 | 0 | 0 | 1,234 | 122 | 25 | \$ 1,966 |
| 32 | Campus site repairs & improvements | | | | | | | | | | | |
| 33 | ADA, Storm Drainage, Signage, Stairs Combined | \$ 580,000 | \$ 640,000 | | | | | | | | | |
| 34 | Athletic fields improvements | \$ 3,700,000 | \$ 4,100,000 | Soccer-sized synthetic turf field | | | | | | | | |
| 35 | Existing building repairs & improvements | | | | | | | | | | | |
| | All exist. bldgs. facility assessment repairs combined | \$ 5,953,000 | \$ 5,953,000 | | 2,763 | 707 | 319 | 69 | 98 | 1,814 | 800 | \$ 6,570 |
| 36 | | | | | | | | | | | | |
| 37 | Interim housing and relocation during constr. | \$ 2,850,000 | \$ 3,150,000 | | | | | | | | | |
| 38 | LAHS TOTAL | \$ 101,133,000 | \$ 110,843,000 | | 5,012 | 1,029 | 319 | 83 | 3,284 | 2,423 | 1,176 | \$ 13,326 |

MASTER PLAN PROGRAM BUDGET
CONSTRUCTION & NON-CONSTRUCTION COSTS

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|--|----------------------------|----------------|--|---|-------|-----|-------|--------|-------|-------|-----------|
| 1 | MOUNTAIN VIEW LOS ALTOS UNION HIGH SCHOOL DISTRICT 2018 BOND PROGRAM | | | | | | | | | | | |
| 2 | | Recommended Program Budget | | | *Facility Assessment Maintenance & Repair Work. Cost in thousands (,000) | | | | | | | |
| 3 | MASTER PLAN PROJECTS | Low Range | High Range | Notes | Project Costs | | | | | | | |
| 39 | <u>MVHS & LAHS ADDITIONAL CLASSROOMS</u> | | | | | | | | | | | |
| 40 | Up to 20-Additional classrooms for future growth | \$ 29,200,000 | \$ 32,000,000 | 25,200 SF incl. circulation & restrooms. | | | | | | | | |
| 41 | <u>FREESTYLE ACADEMY</u> | | | | | | | | | | | |
| 42 | New Freestyle Academy | \$ 14,320,000 | \$ 15,750,000 | | | | | | | | | |
| 43 | Program Expenses | \$ 3,952,920 | \$ 4,323,458 | 1.5% of projects | | | | | | | | |
| 44 | Program Contingency | \$ 13,176,400 | \$ 14,411,525 | 5% of projects | | | | | | | | |
| 45 | TOTALS | \$ 280,657,320 | \$ 306,965,483 | \$293,811,401 is median | 11,934 | 1,041 | 603 | 1,399 | 12,140 | 5,025 | 1,946 | \$ 34,088 |

QUESTIONS/ COMMENTS?

