

MOUNTAIN VIEW LOS ALTOS HIGH SCHOOL DISTRICT

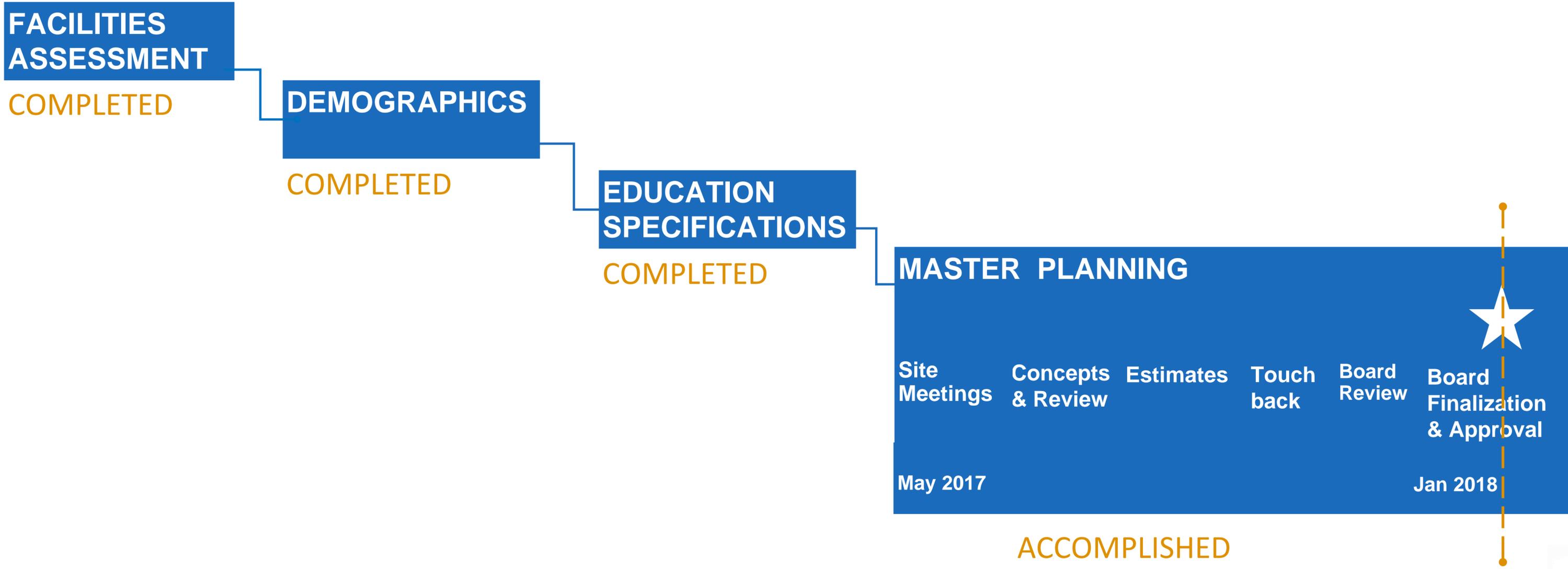
MASTER PLANNING

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- Modernize Existing Classrooms and New Classrooms for Outdated Portables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

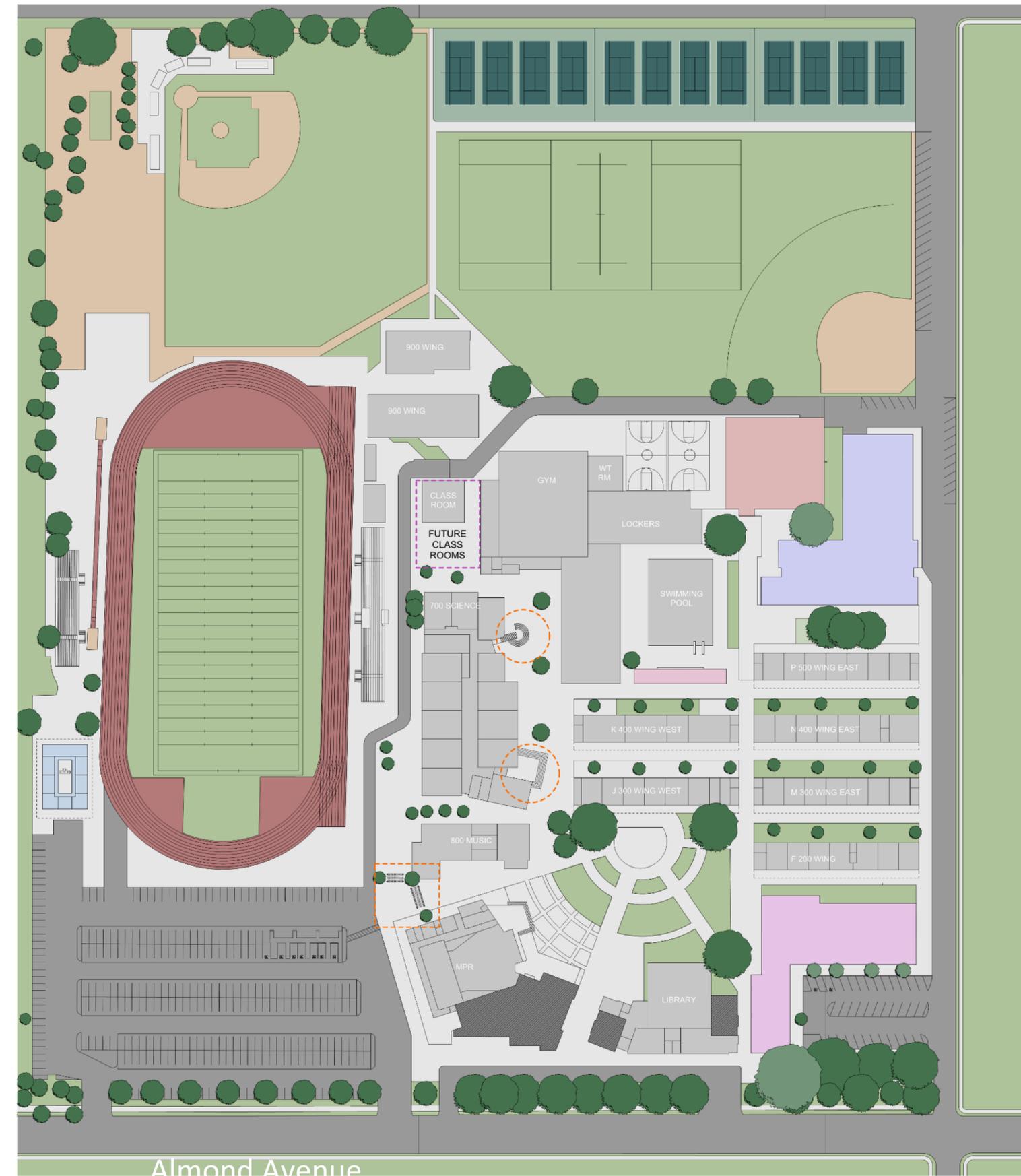
NEW CONSTRUCTION

- 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

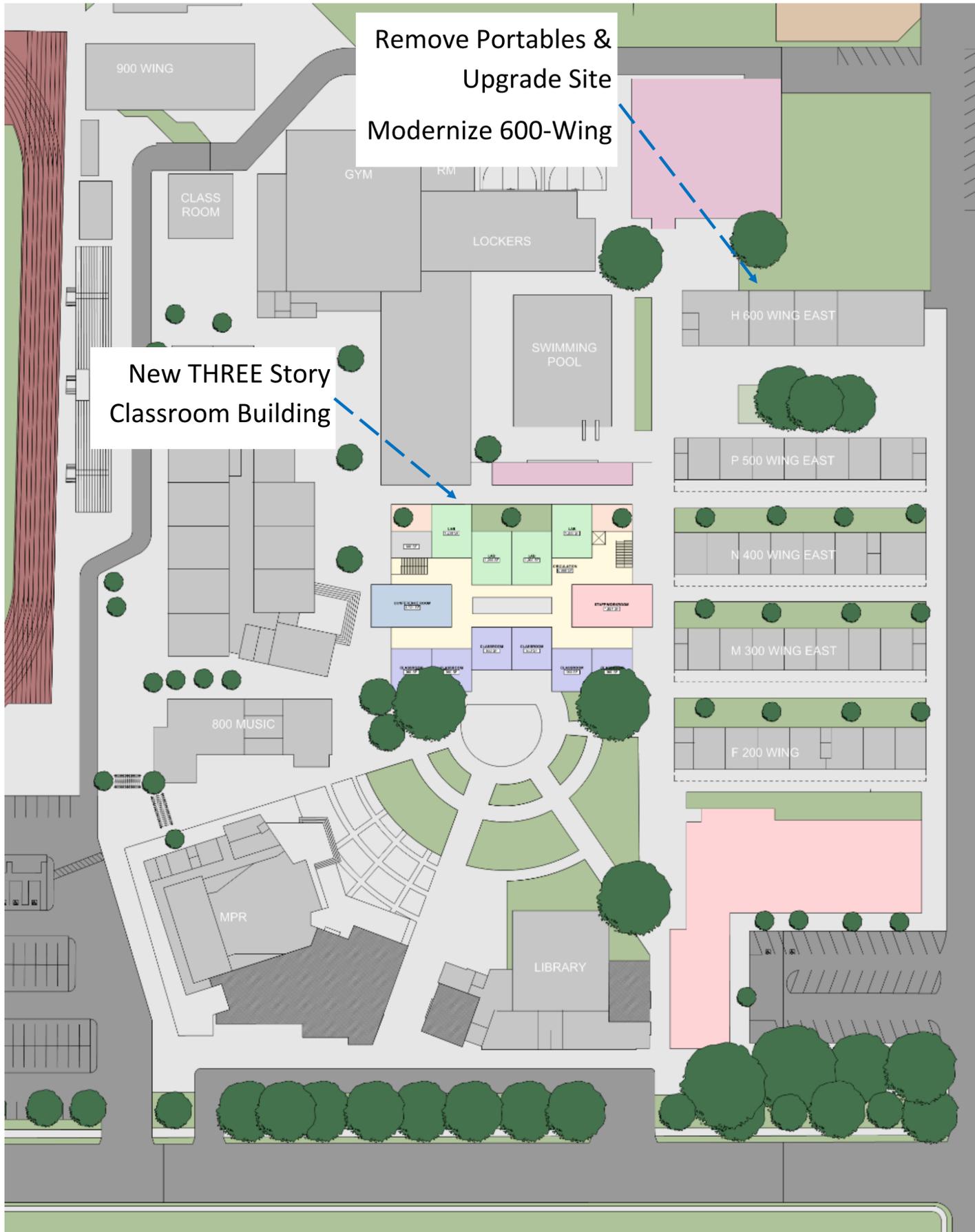
-  NEW TWO-STORY CLASSROOM BUILDING
-  NEW STUDENT UNION/ADMIN BUILDING
-  NEW AUXILIARY GYM
-  MODERNIZATION
-  FACILITY ASSESSMENT UPGRADES
-  SITE IMPROVEMENTS
-  FUTURE GROWTH



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

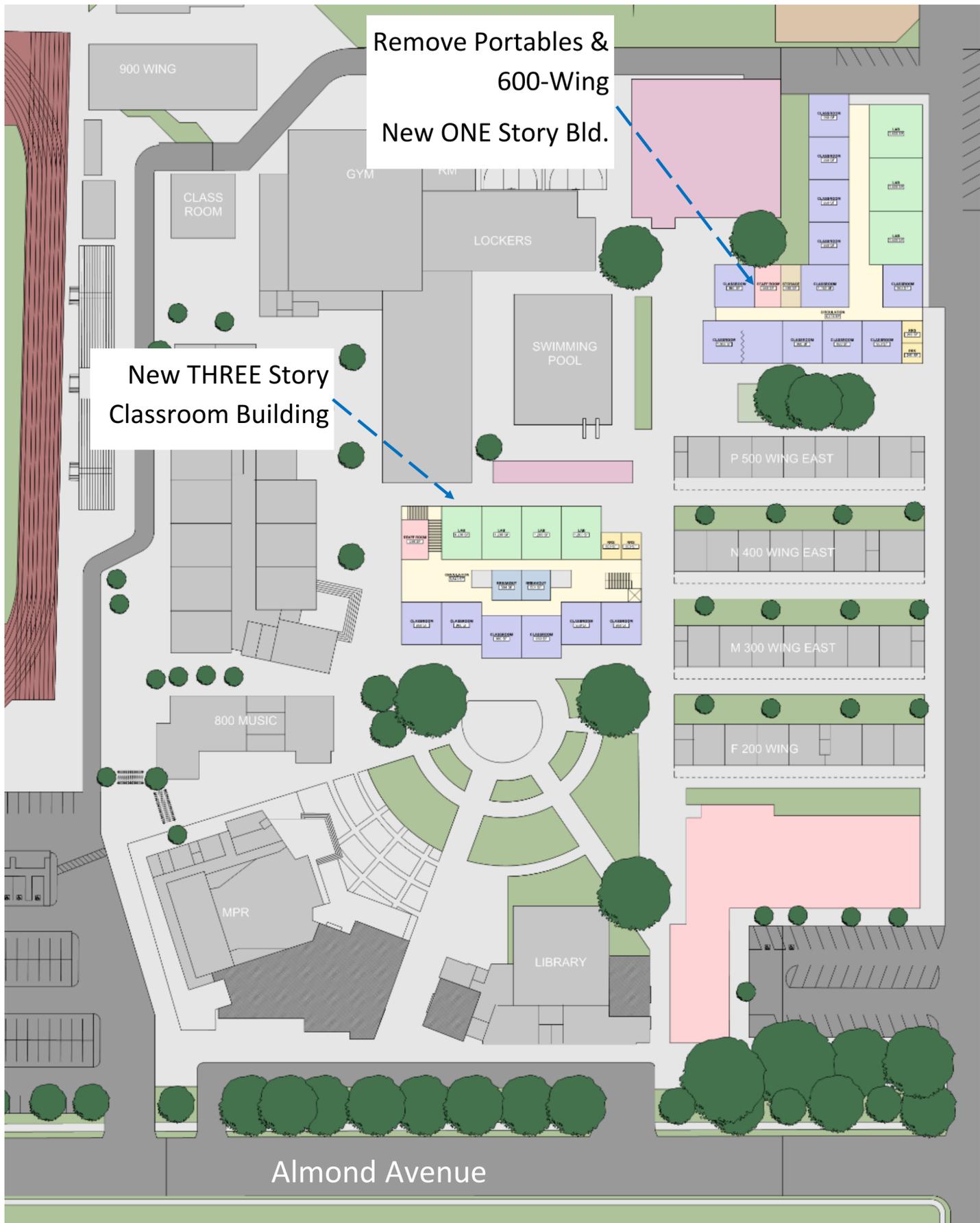


OPTION ONE

- 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

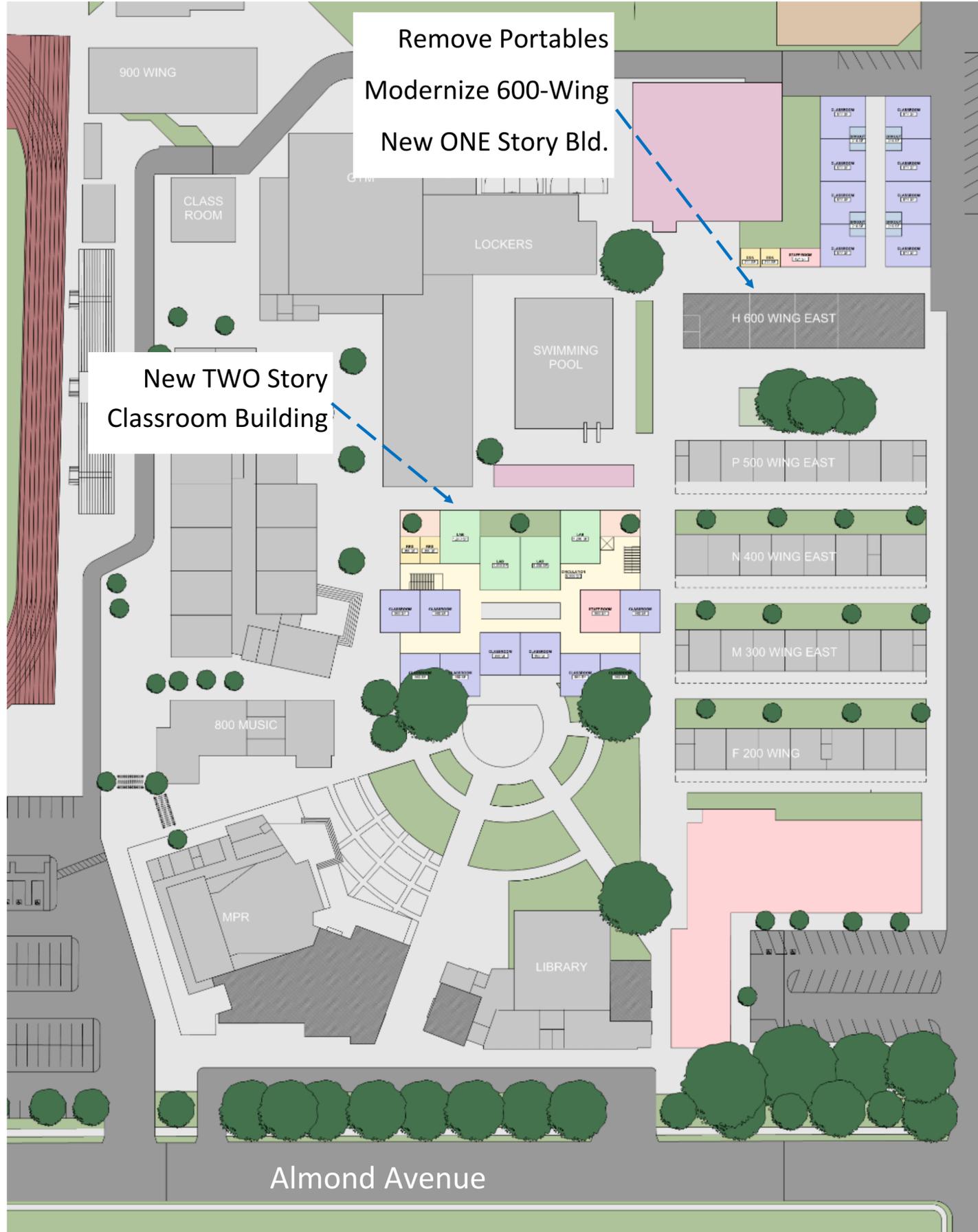


OPTION TWO

- 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



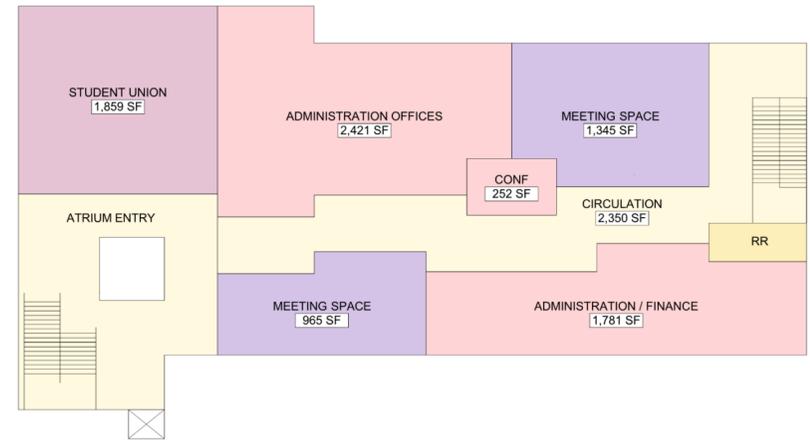
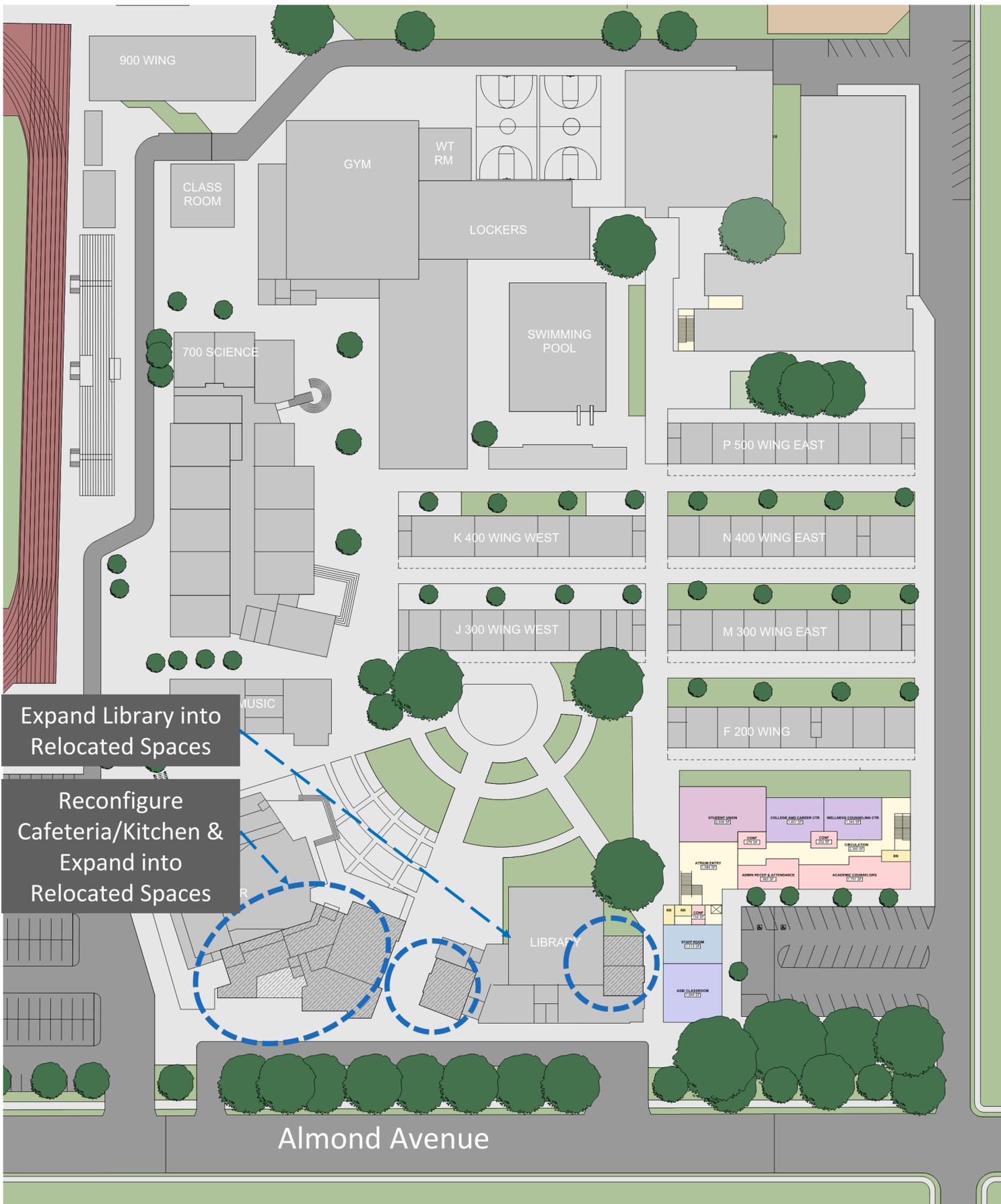
LAHS SUMMARY OF CLASSROOM OPTIONS

Option	Area of Building(s)	Max No. Floors	Net New Clsrms.	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

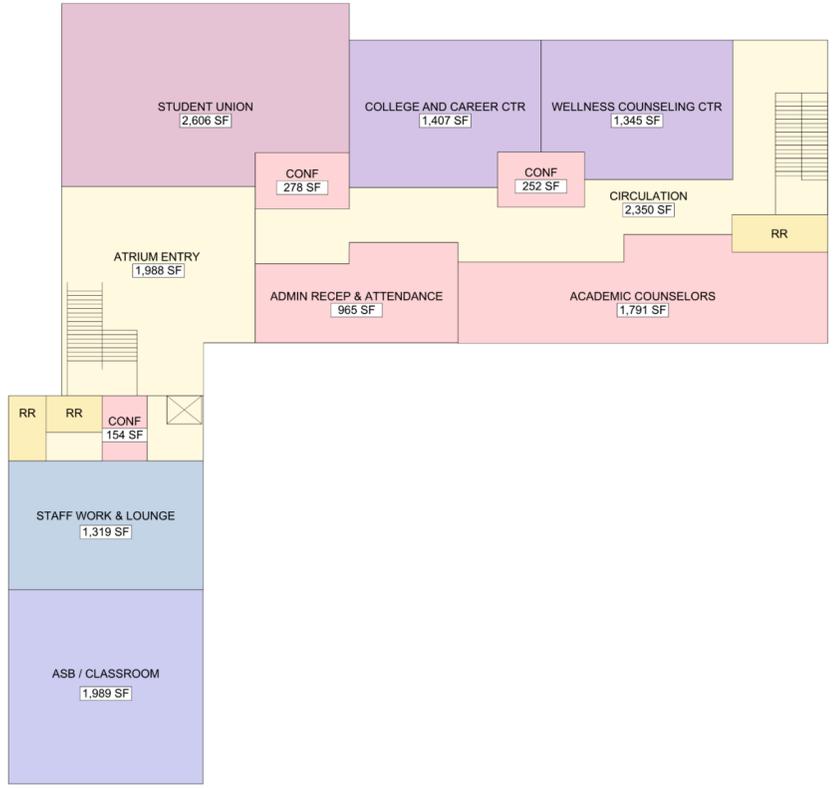
- Due to High Cost, Increased Construction Disruption & Ability to Mitigate Neighbor Impact on Two-Story Construction
 - Increased Cost for Options Vary from \$17 million to \$32 million

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)



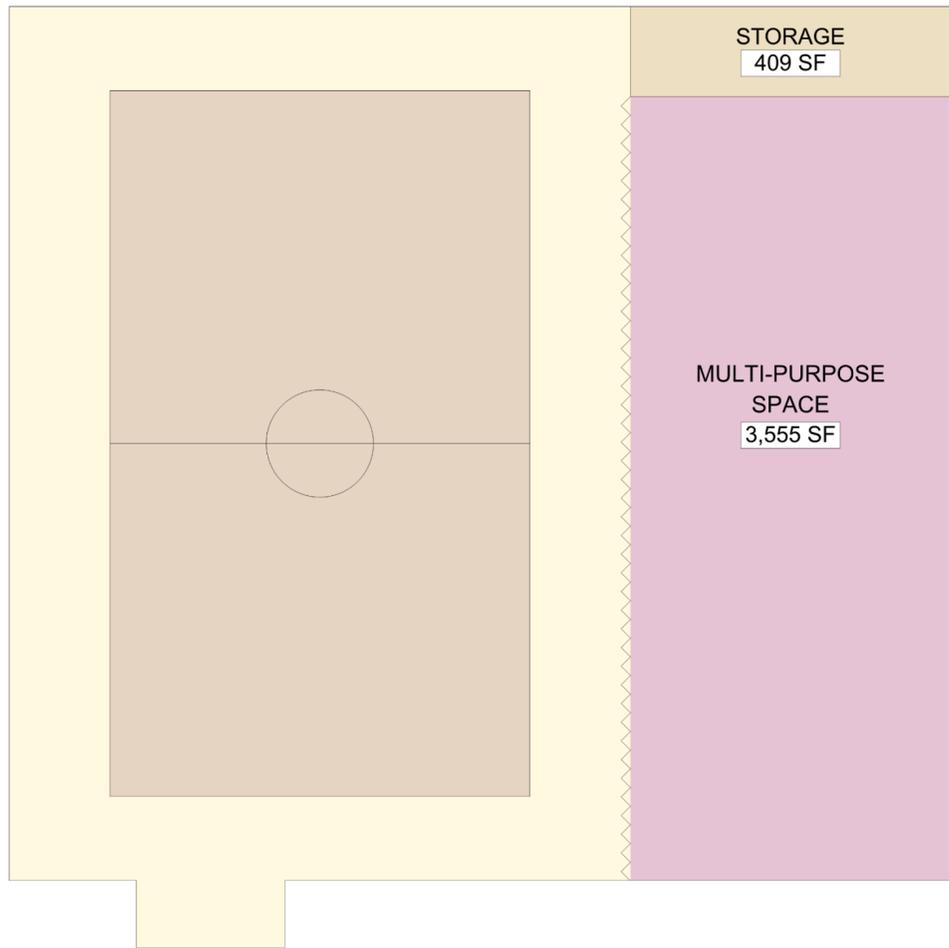
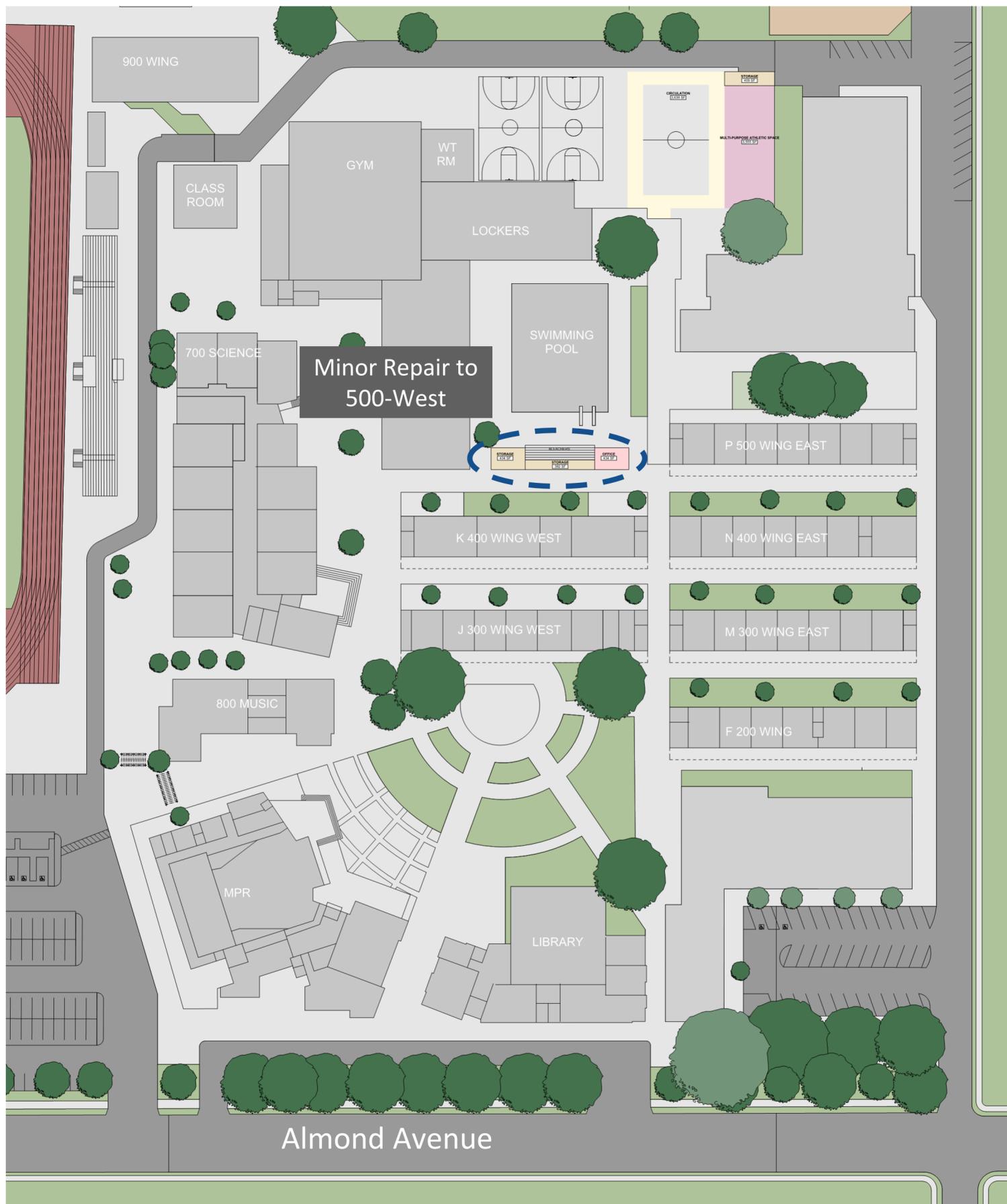
FIRST FLOOR

- 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

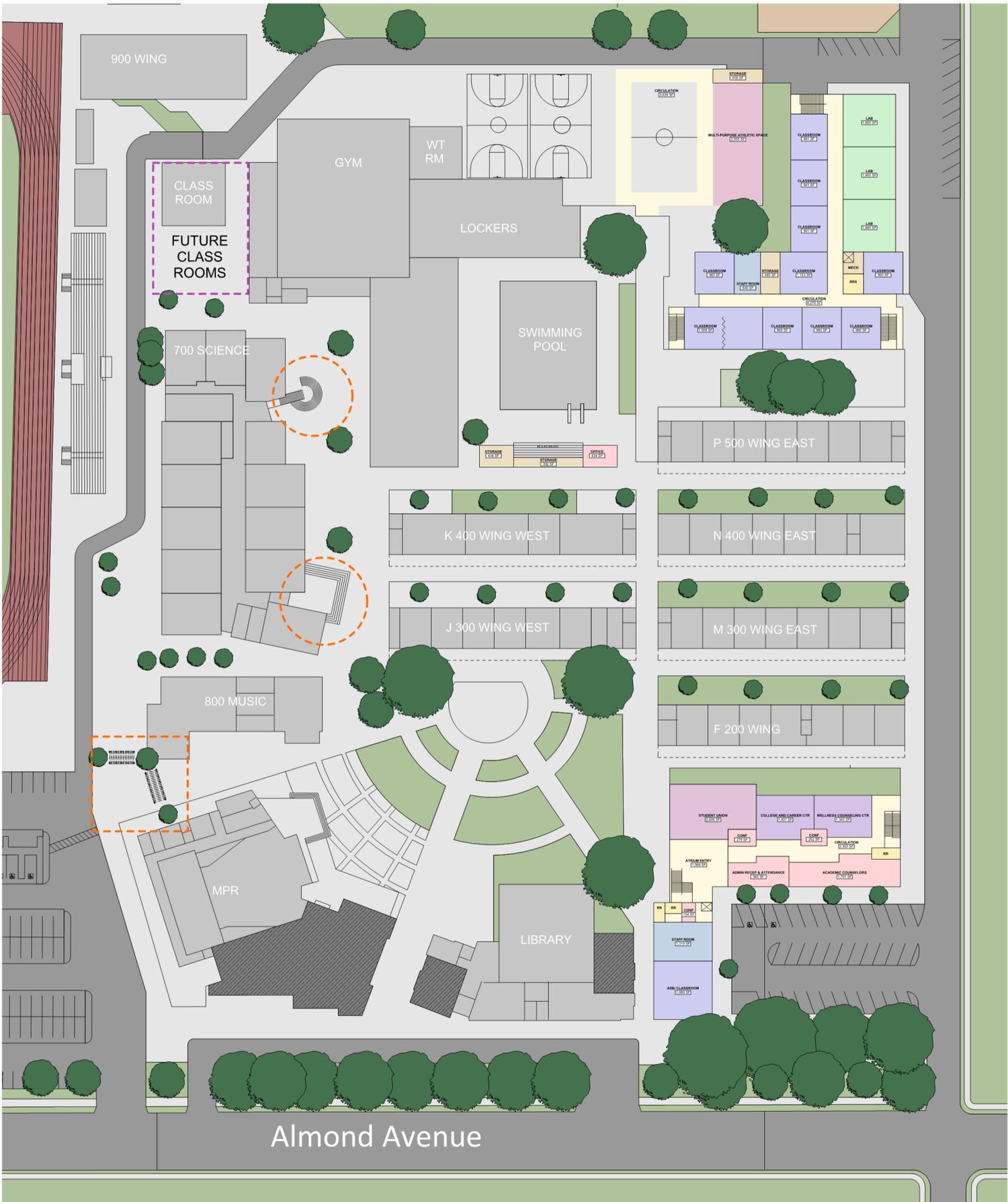


- AUXILIARY GYM**
- 50'x84' basketball court for athletic/PE space
 - Multi-Purpose Space Uses Include:
 - Gymnastics
 - Movement/ Exercise
 - Testing
 - Performing Arts
 - Can be divided with moveable wall

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



LOS ALTOS HIGH SCHOOL MASTER PLAN

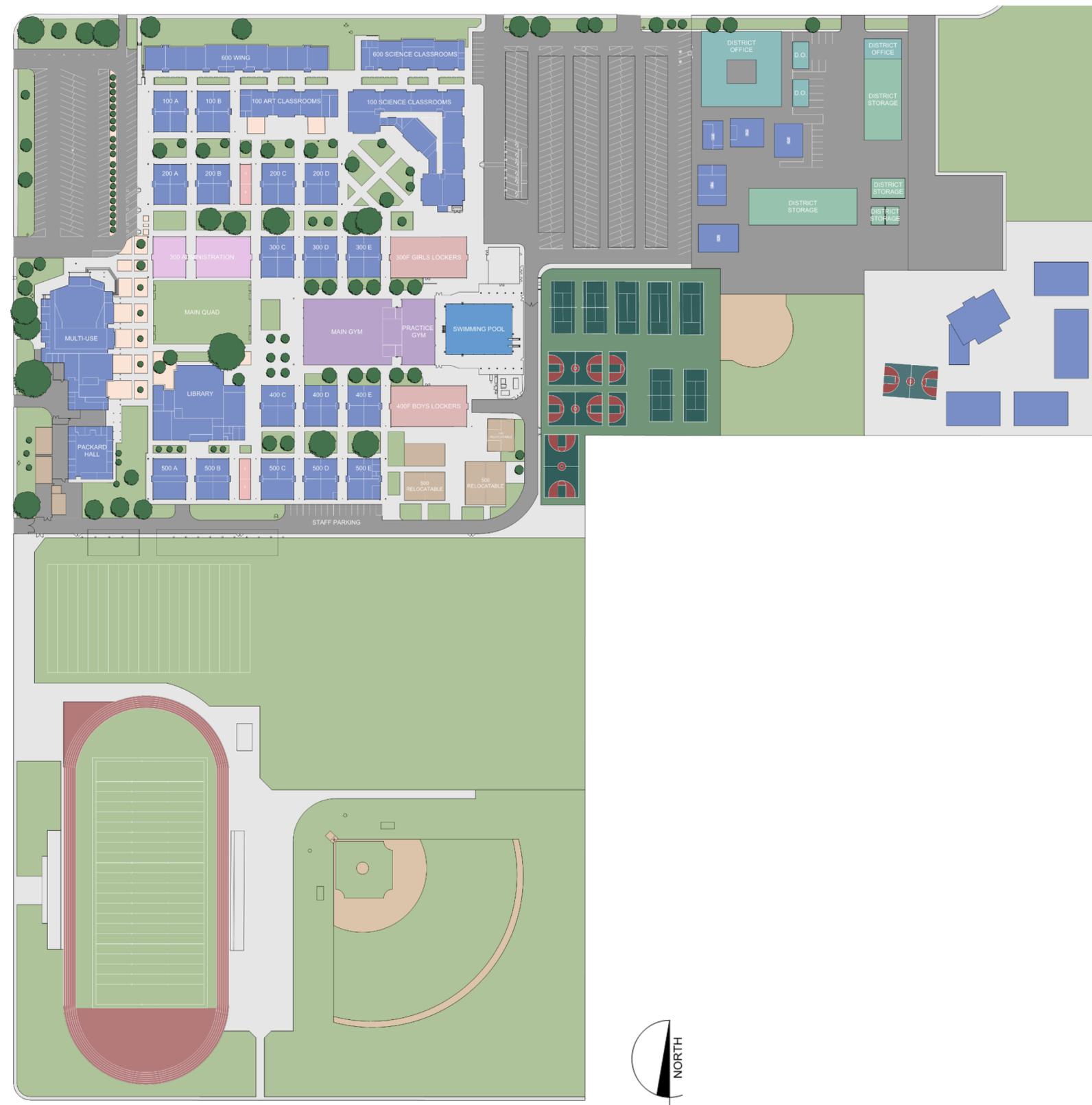


- New Student Services Building
 - Student Services/ Administration Space
 - Student Union
 - Wellness Center
 - Flexible Meeting Rooms/Testing Center
- New Two-Story Classroom Building
 - Classrooms for Growth
- New Auxiliary Gym
- Building Modernizations & Improvements
- One Synthetic Field

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



MOUNTAIN VIEW HIGH SCHOOL EXISTING CAMPUS



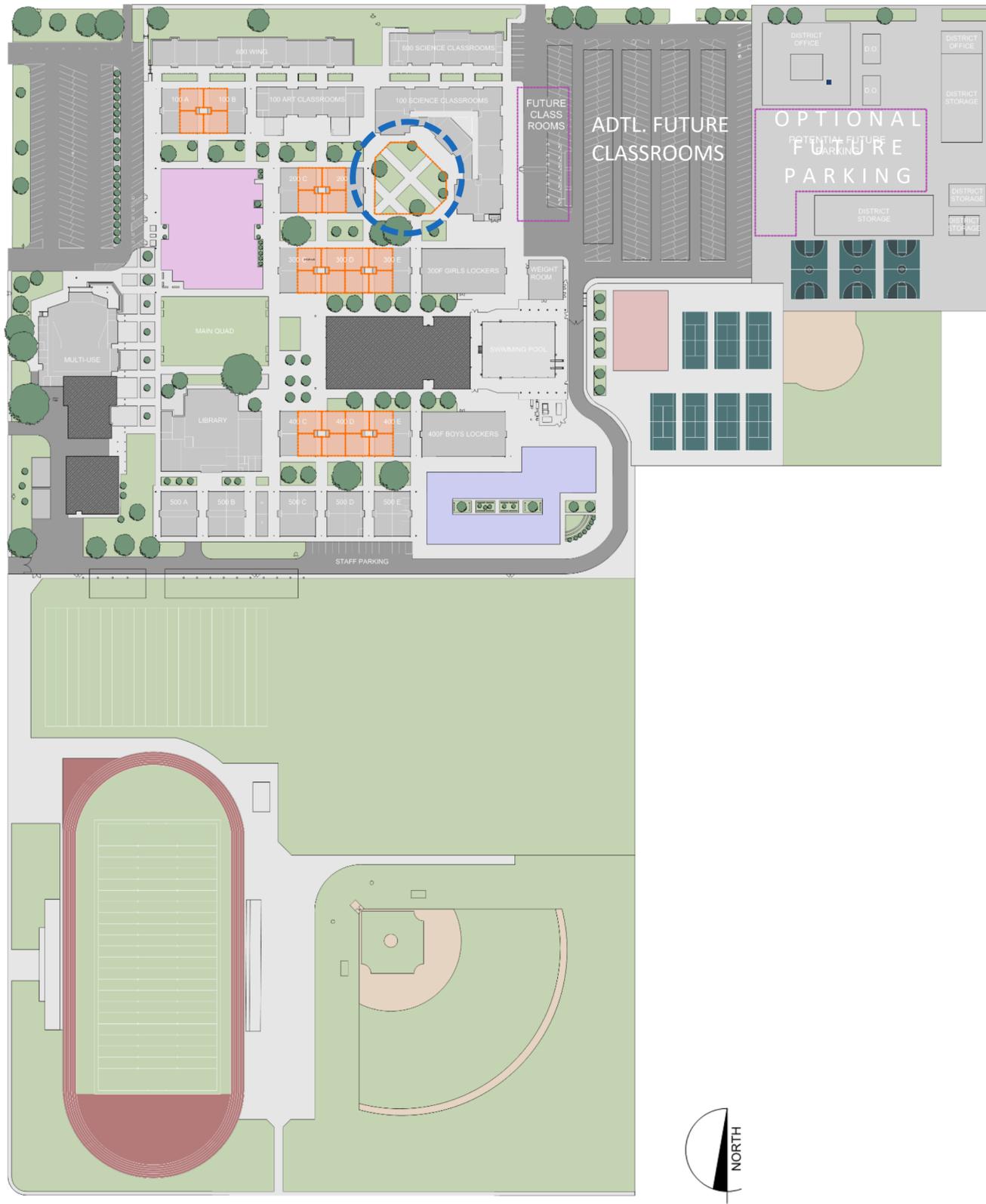
PROGRAM NEEDS

- 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

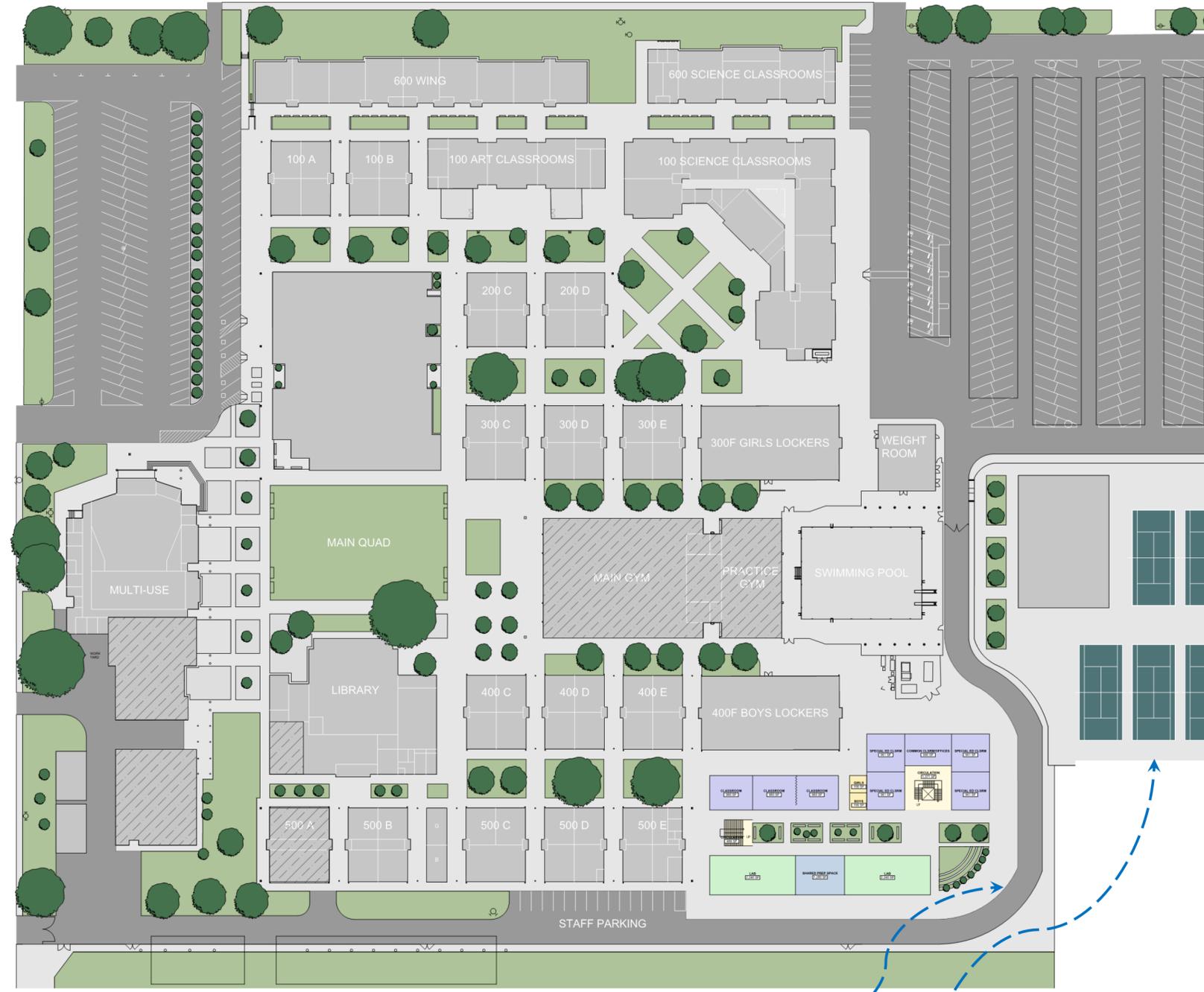
MODERNIZATIONS & IMPROVEMENTS

- 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

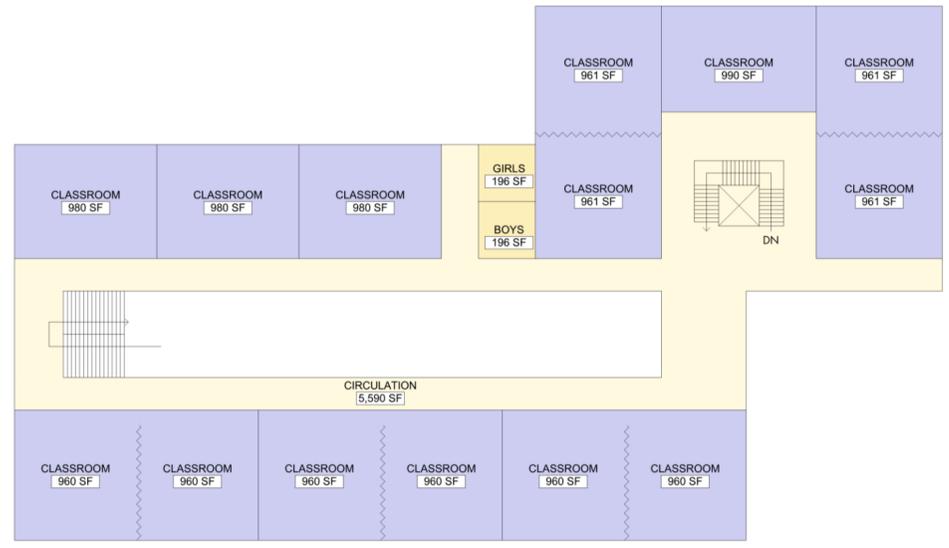


MOUNTAIN VIEW HIGH SCHOOL NEW CLASSROOM BUILDING

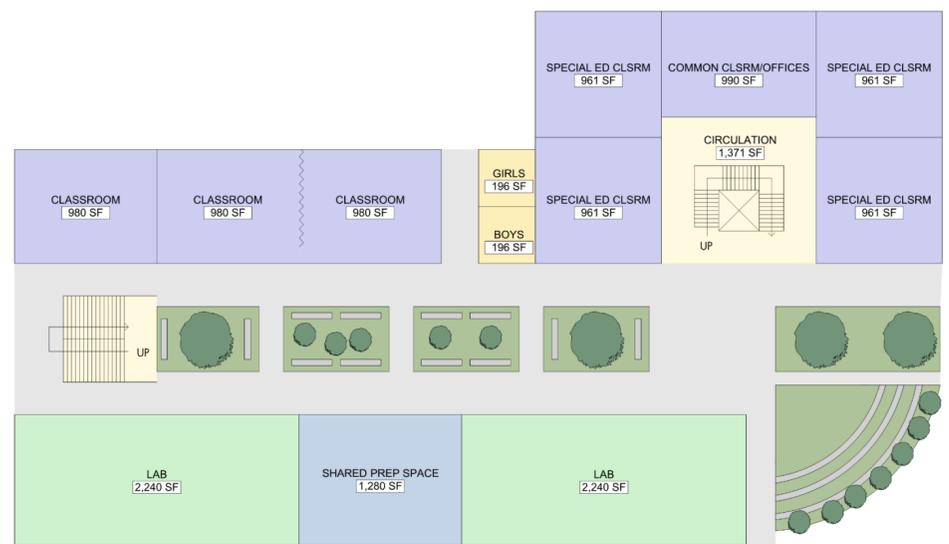


Realigned Fire Lane

Relocate 7-Tennis & 3-BB Courts



SECOND FLOOR



FIRST FLOOR

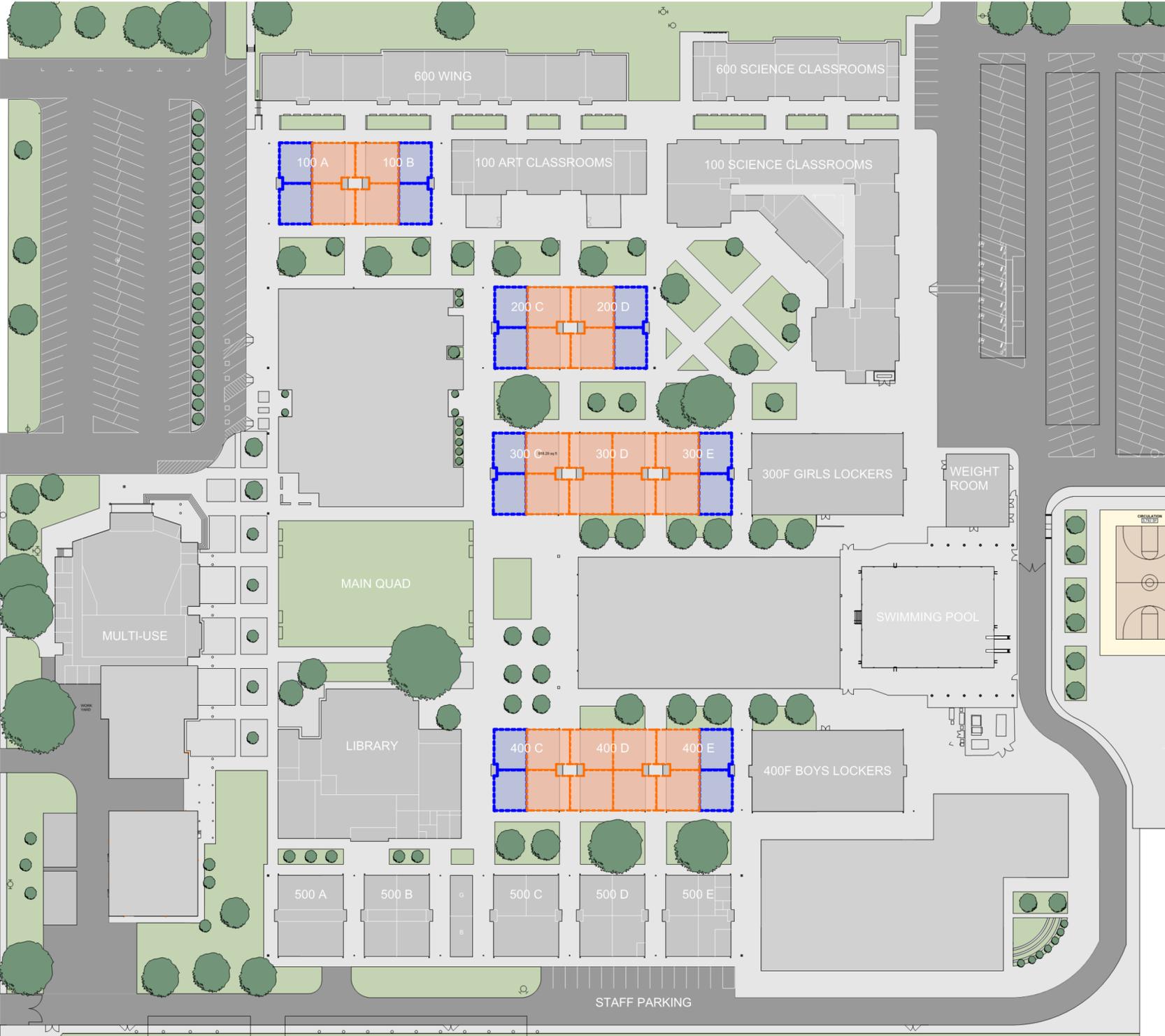
2-STORY CLASSROOM BLD.

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

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



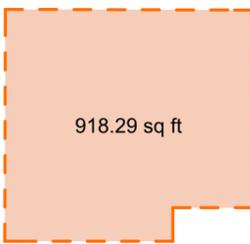
MOUNTAIN VIEW HIGH SCHOOL ENLARGED CLASSROOMS



 Existing Classroom to Remain Unchanged

 Expanded Classroom

 709.96 sq ft
Typical Existing Classroom Size
710 SF

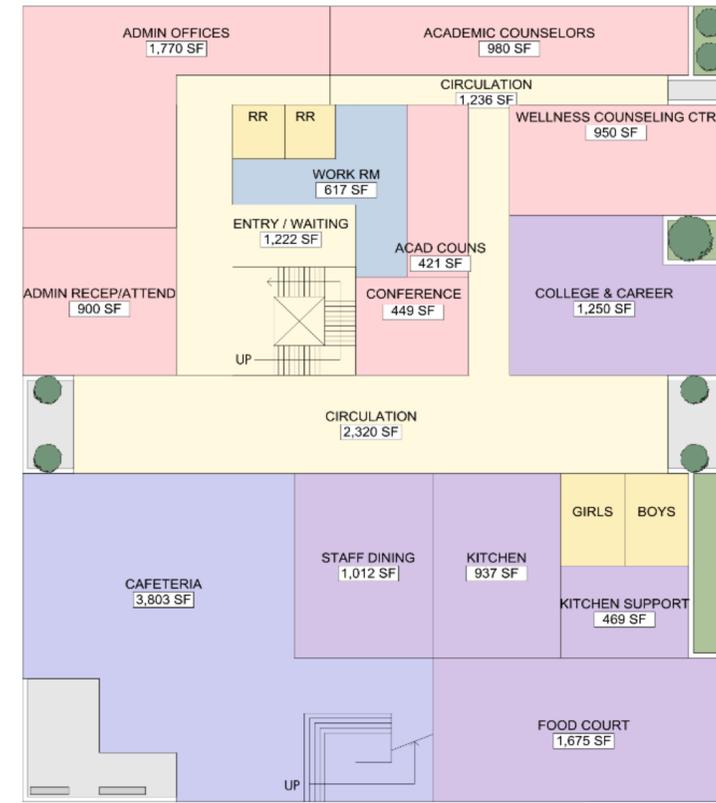
 918.29 sq ft
Typical Expanded Classroom Size
918 SF

100 to 400 Wings:
Undersized Classrooms Enlarged = 24

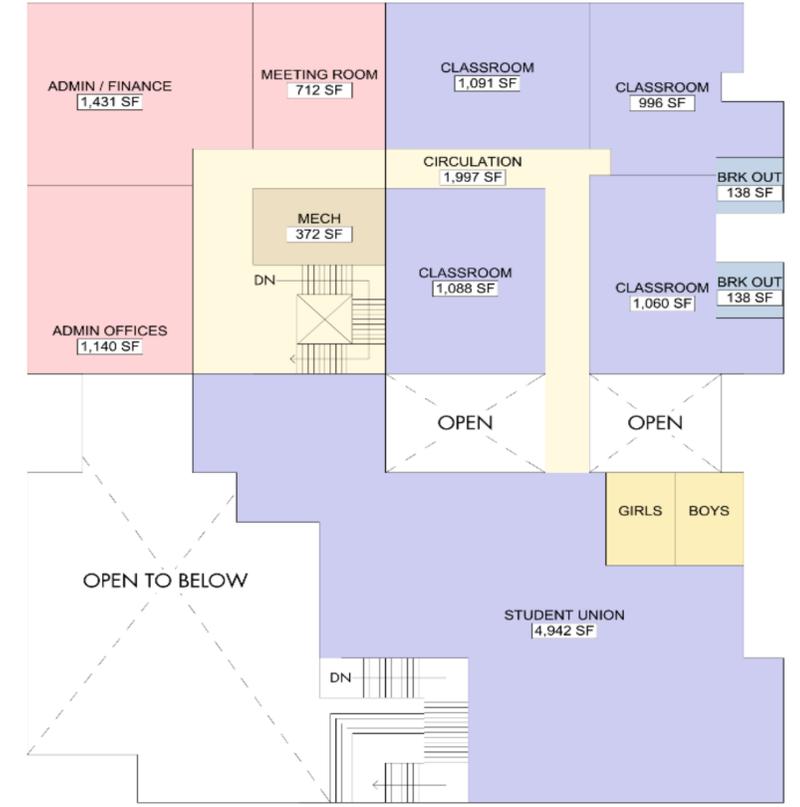


MOUNTAIN VIEW HIGH SCHOOL NEW STUDENT SERVICES BLDG

FIRST FLOOR



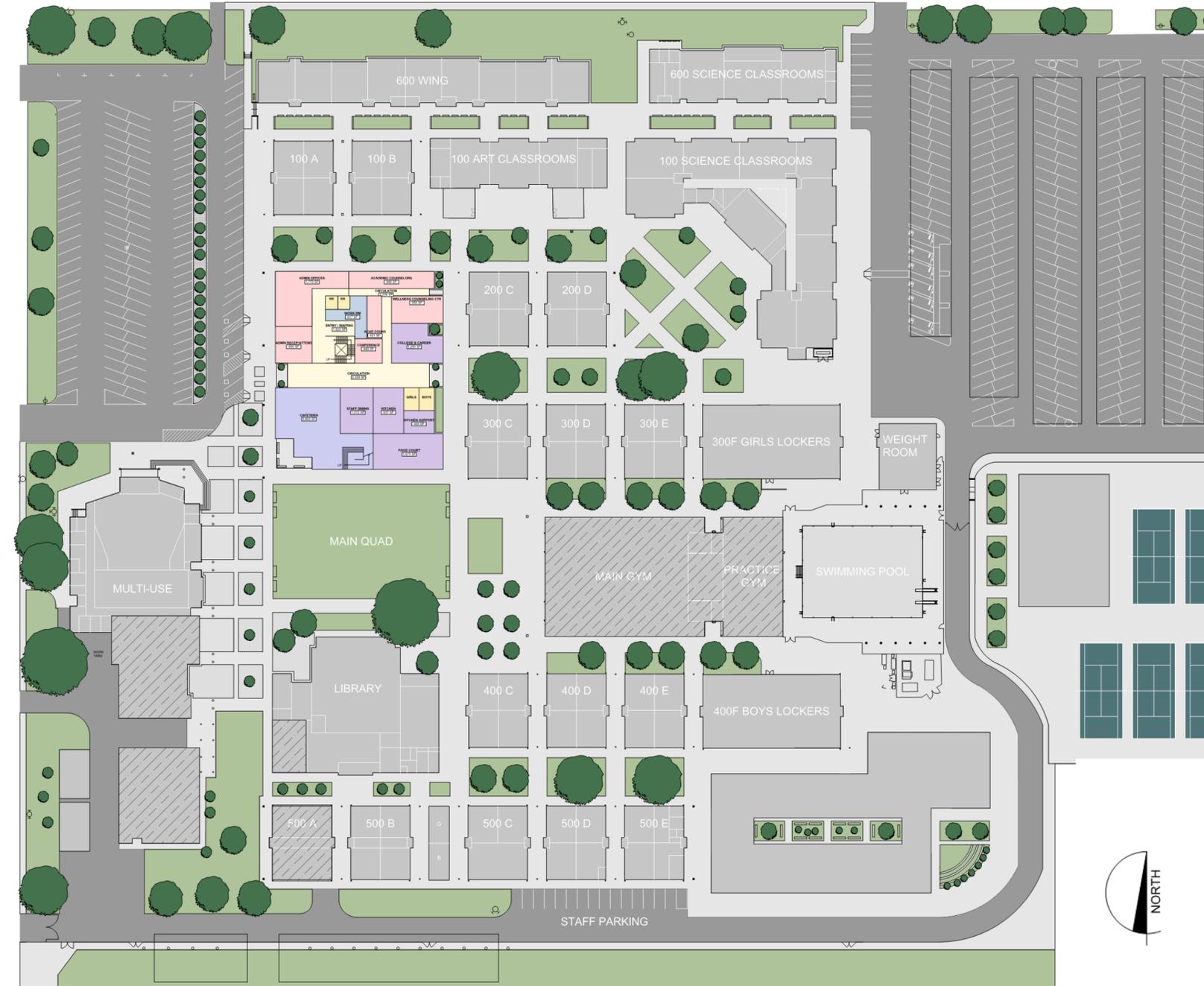
SECOND FLOOR



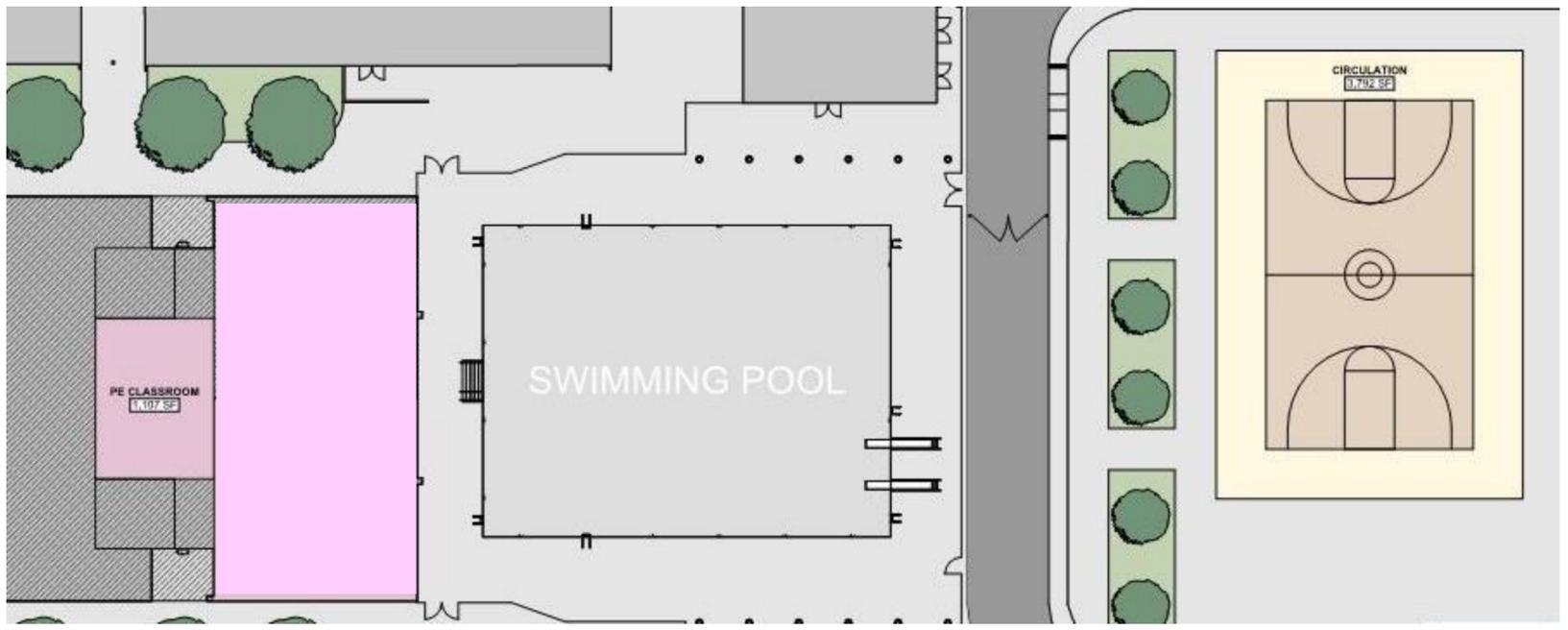
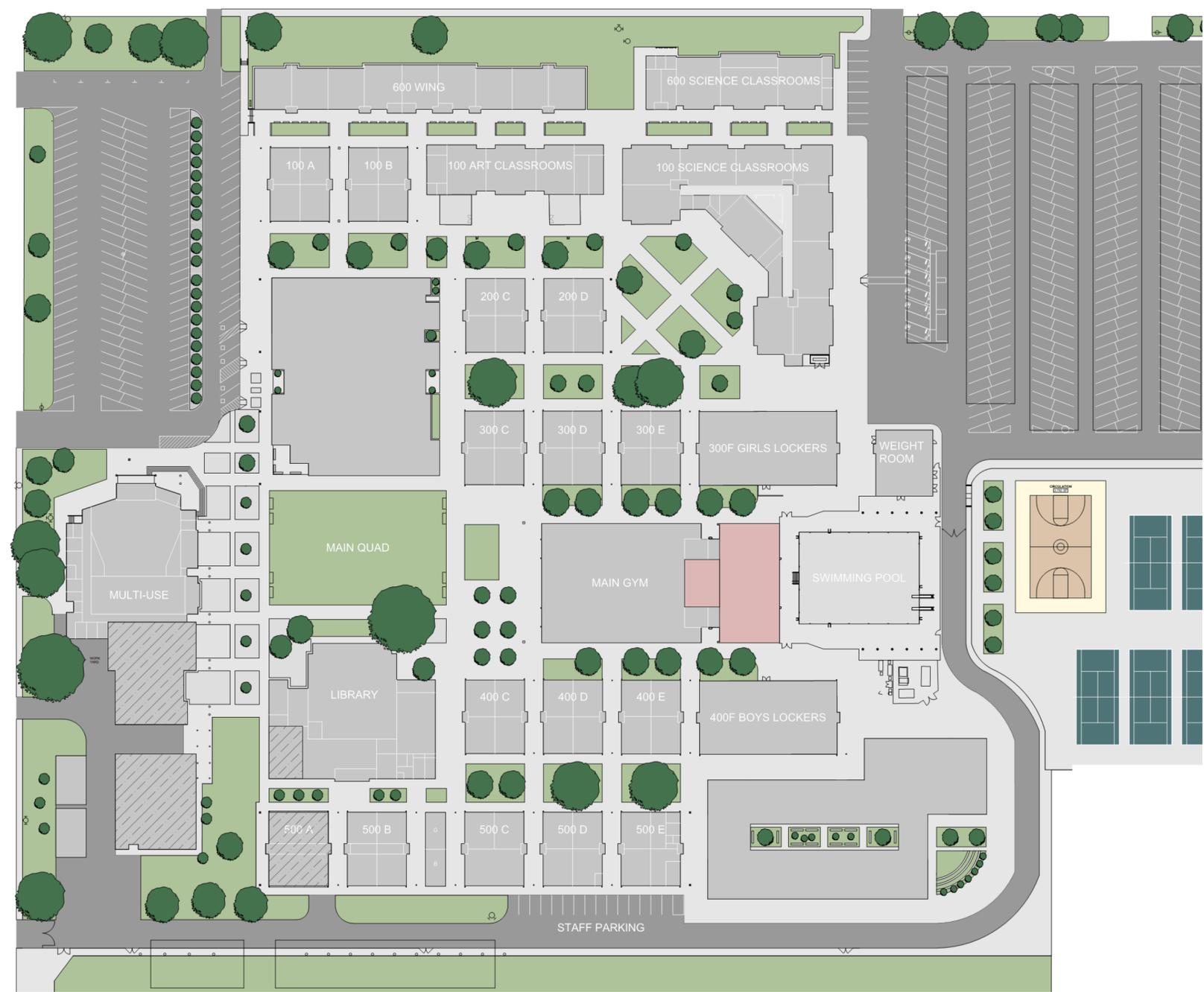
NEW TWO-STORY STUDENT SERVICES BLDG

- 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

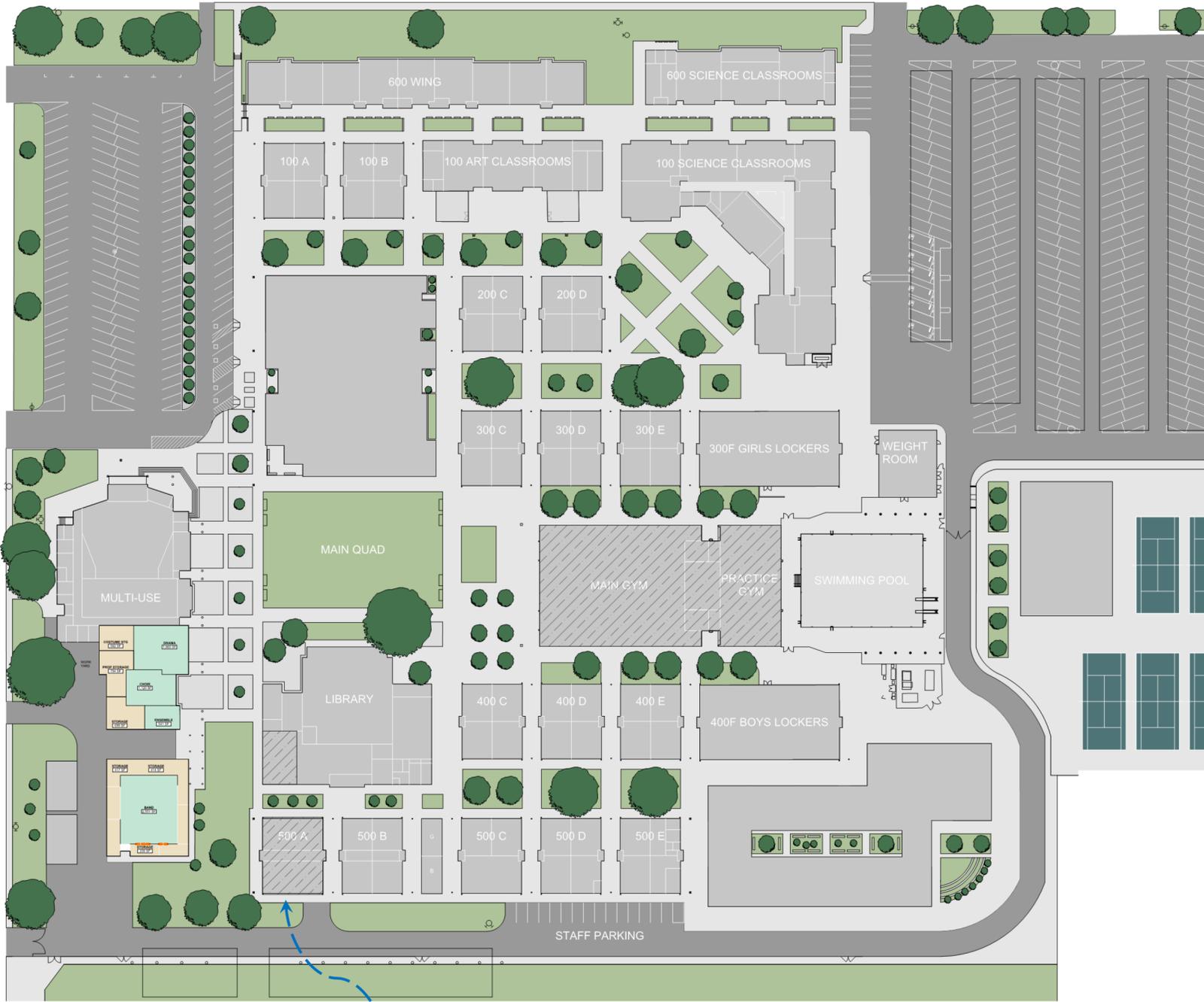
NEW AUXILIARY GYM

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

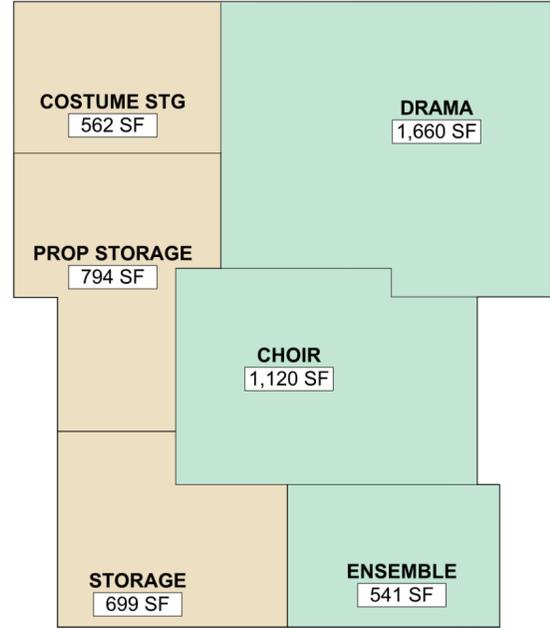
New Classrooms:	2
Classrooms Removed:	0
NET CLASSROOMS:	2



MOUNTAIN VIEW HIGH SCHOOL PERFORMING ARTS COMPLEX

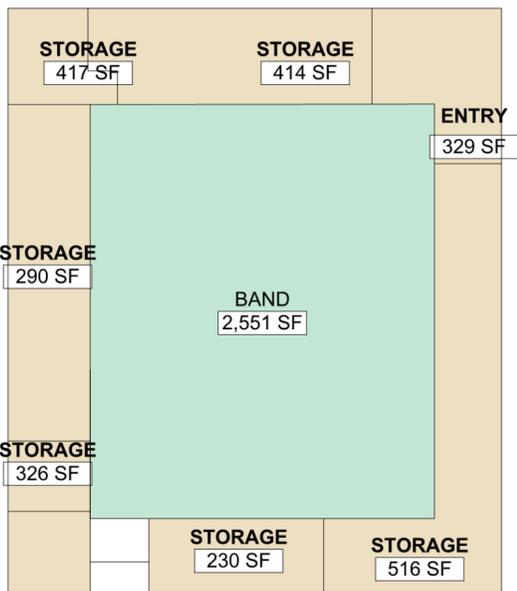


- Repurpose 500A**
- Lab
 - Teaching Space



REPURPOSE CAFETERIA

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



PACKARD HALL

- Upgrades to existing facility

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

<u>High School</u>	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

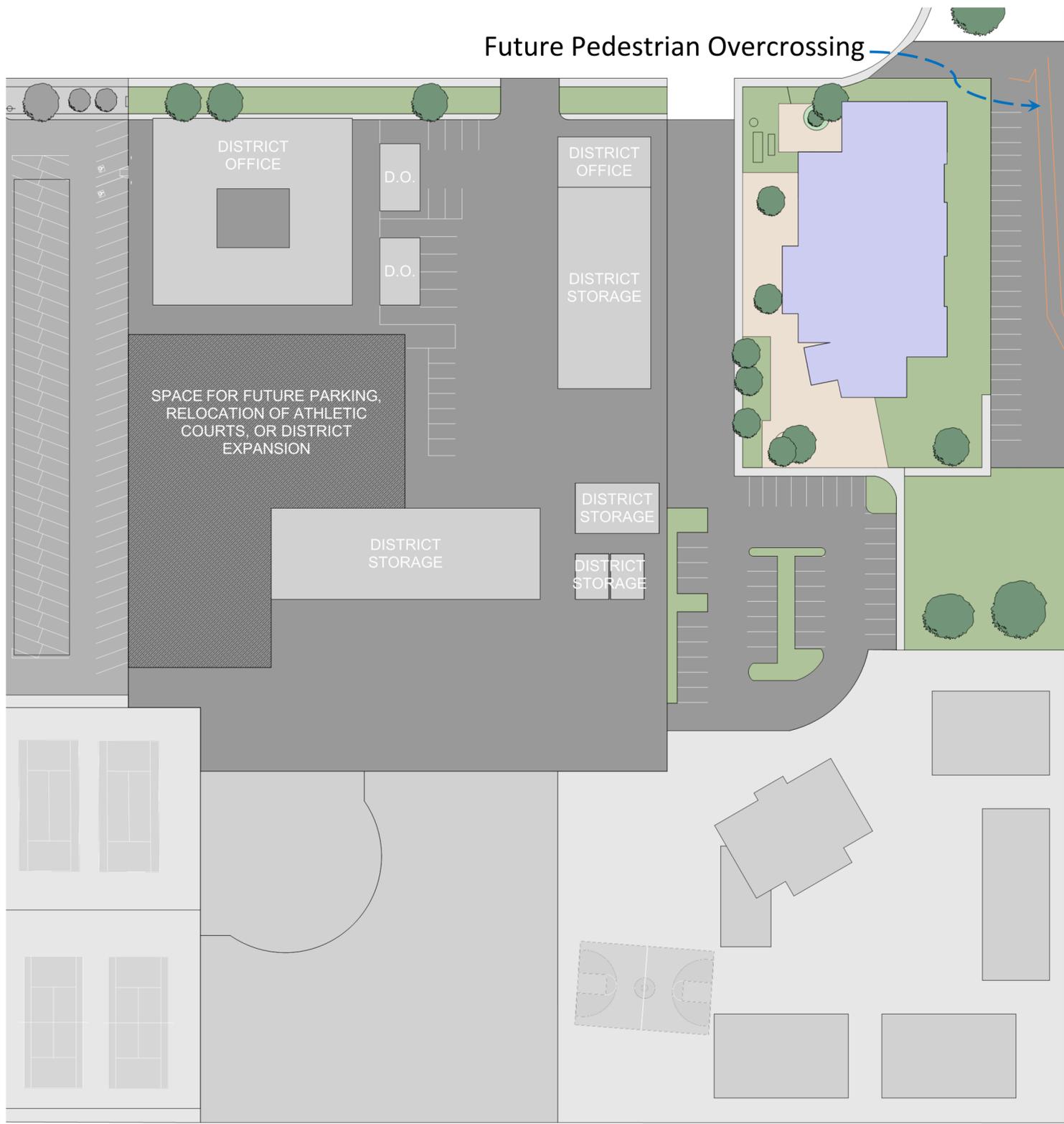
FREESTYLE ACADEMY EXISTING CAMPUS



PROGRAM NEEDS

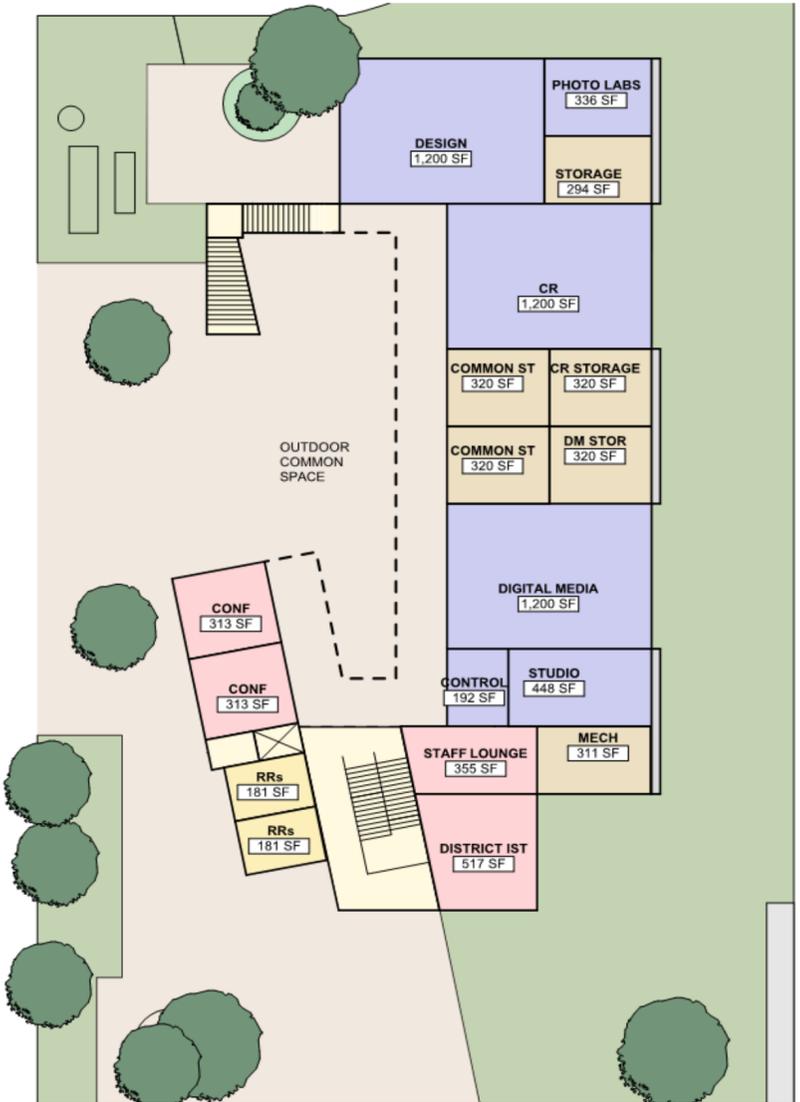
- General Classroom
- Specialized Media Classrooms with Appropriate Support Spaces
- Common Space
- Staff Lounge



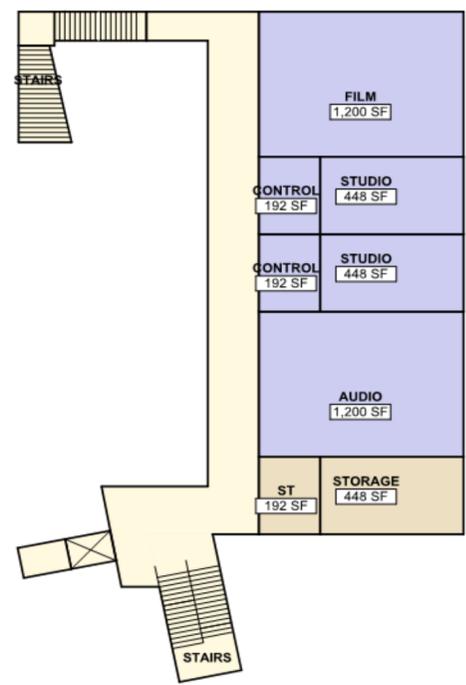


FREESTYLE ACADEMY NEW BUILDING

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

1	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>											
5	New construction											
6	Student Services Student Union Building	\$ 36,300,000	\$ 39,930,000		Roofing	Windows	Window Shades	Upgrades to interior finishes & cabinets	HVAC repairs & replacements	Lighting repairs & replacements	ADA to meet code	Total
7	Two Story Classroom & Lab Building	\$ 35,500,000	\$ 39,050,000									
8	Auxiliary Gymnasium / Multi-use Facility	\$ 9,175,000	\$ 10,092,500									
9	Building Modernization											
10	Existing Gym Mods (Large & Small Gyms)	\$ 5,300,000	\$ 5,860,000	Fac Assess = \$3.29M	1,001	0	0	346	1,385	554	5	\$ 3,291
11	Library Modernization	\$ 1,900,000	\$ 2,100,000	Fac Assess = \$1.45M	468	0	0	0	979	0	7	\$ 1,454
12	Repurpose exist. cafeteria bldg. for Perf. Arts	\$ 3,800,000	\$ 4,200,000	Fac Assess = \$2.02M	650	0	0	0	1,234	123	9	\$ 2,016
13	Packard Hall modernization	\$ 1,000,000	\$ 1,100,000	Fac Assess = \$0.59M	325	0	13	95	0	152	0	\$ 585
14	Enlarge 24 existing classrooms. 100-400 wings	\$ 7,400,000	\$ 8,140,000									
15	Campus site repairs & improvements											
16	ADA, Storm, Signage, Courtyard Combined	\$ 750,000	\$ 825,000									
17	Athletic fields improvements	\$ 3,700,000	\$ 4,100,000	Soccer-sized synthetic field								
18	Existing building repairs & improvements											
19	All exist. bldgs. facility assessment repairs combined	\$ 12,150,000	\$ 12,150,000		4,478	12	271	875	5,258	1,773	749	\$ 13,416
20	Interim housing and relocation during constr.	\$ 1,900,000	\$ 2,090,000									
21	MVHS TOTAL	\$ 118,875,000	\$ 129,637,500		6,922	12	284	1,316	8,856	2,602	770	\$ 20,762

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	<u>MASTER PLAN PROJECTS</u>	Low Range	High Range	Notes	Project Costs							
22	<u>LOS ALTOS HIGH SCHOOL</u>											
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											
36	All exist. bldgs. facility assessment repairs combined	\$ 5,953,000	\$ 5,953,000		2,763	707	319	69	98	1,814	800	\$ 6,570
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?

