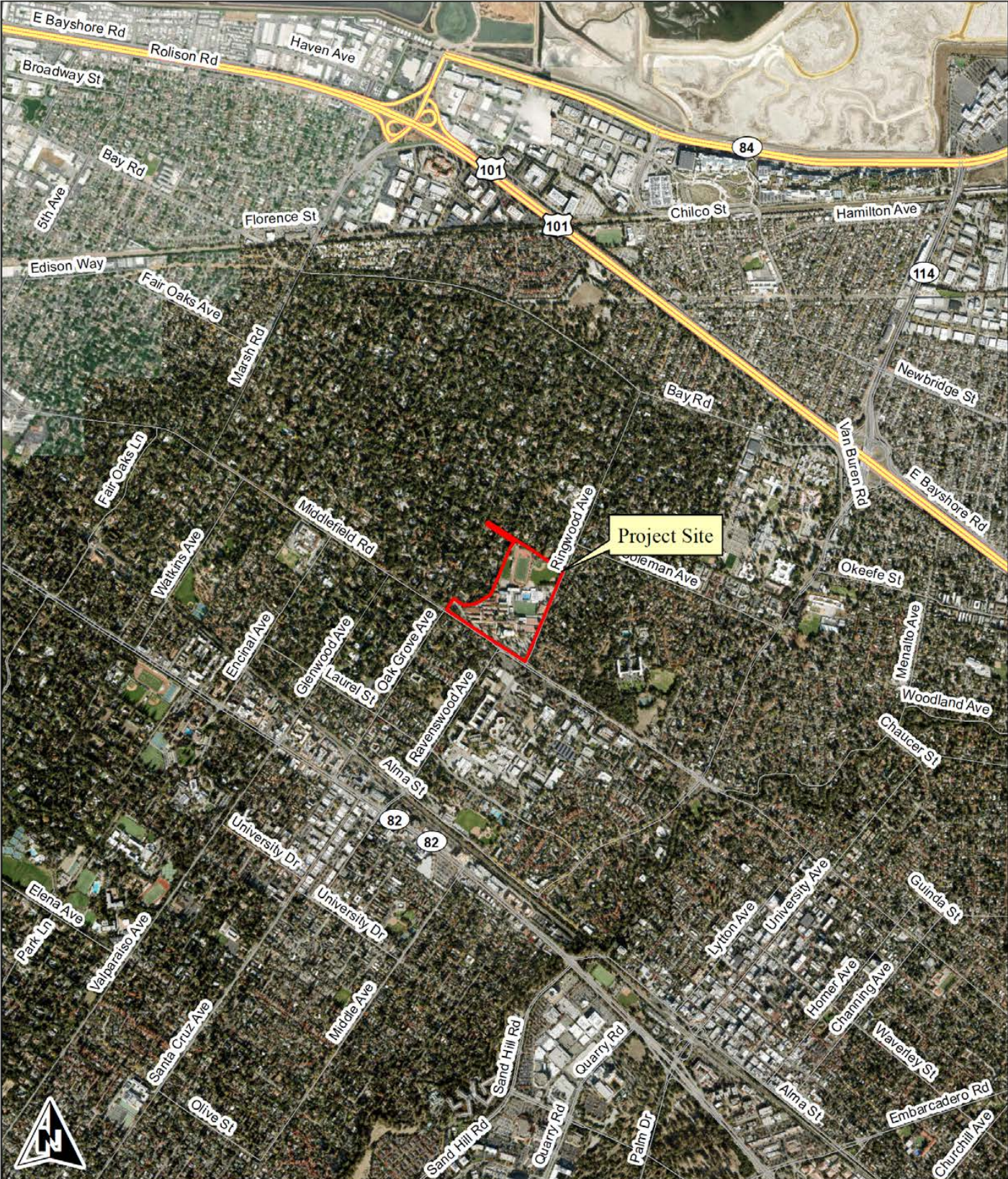


## **APPENDIX B**

### Biological Resources Analysis



Monk & Associates  
 Environmental Consultants  
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 Walnut Creek, California 94595  
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Figure 2. Menlo-Atherton High School Project Site  
 Location Map  
 Atherton, California

37.462423 -122.174398  
 Sections: 27, 24; T5S R3W  
 7.5-Minute Palo Alto quadrangle  
 Aerial Photograph Source: ESRI  
 Map Preparation Date: January 8, 2025



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Figure 3. Aerial Photograph of the  
 Menlo-Atherton High School Project Site  
 Atherton, California

Aerial Photograph Source: ESRI  
 Map Preparation Date: January 8, 2025



A	<i>Acanthomintha duttonii</i>	E	<i>Cirsium praeteriens</i>	I	<i>Eryngium aristulatum var. hooveri</i>
B	<i>Amsinckia lunaris</i>	F	<i>Collinsia corymbosa</i>	J	<i>Fritillaria liliacea</i>
C	<i>Centromadia parryi ssp. congdonii</i>	G	<i>Collinsia multicolor</i>	K	<i>Stuckenia filiformis ssp. alpina</i>
D	<i>Chloropyron maritimum ssp. palustre</i>	H	<i>Dirca occidentalis</i>		

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0 0.5 1 2 3 Miles

Figure 4. Known records for Special-Status Plant Species  
 Within 3 Miles of the  
 Menlo-Atherton High School Project Site

Map Preparation Date:  
 April 10, 2025  
 — 3-Mile Radius  
 Source: CDFW, California  
 Natural Diversity Data Base, 2025



- |  |   |                                 |
|--|---|---------------------------------|
| A Alameda Song Sparrow                                 | H Crotch's bumble bee                             | O Salt-marsh harvest mouse      |
| B American badger                                      | I Foothill yellow-legged frog - central coast DPS | P Saltmarsh Common Yellowthroat |
| C California Black Rail                                | J Green sturgeon - southern DPS                   | Q San Francisco gartersnake     |
| D California Least Tern                                | K Longfin smelt - San Francisco Bay-Delta DPS     | R Western bumble bee            |
| E California red-legged frog                           | L Northern Harrier                                | S Western Burrowing Owl         |
| F California Ridgway's Rail                            | M Northwestern pond turtle                        | T Western Showy Plover          |
| G California tiger salamander - central California DPS | N Pallid bat                                      | U Yellow Rail                   |

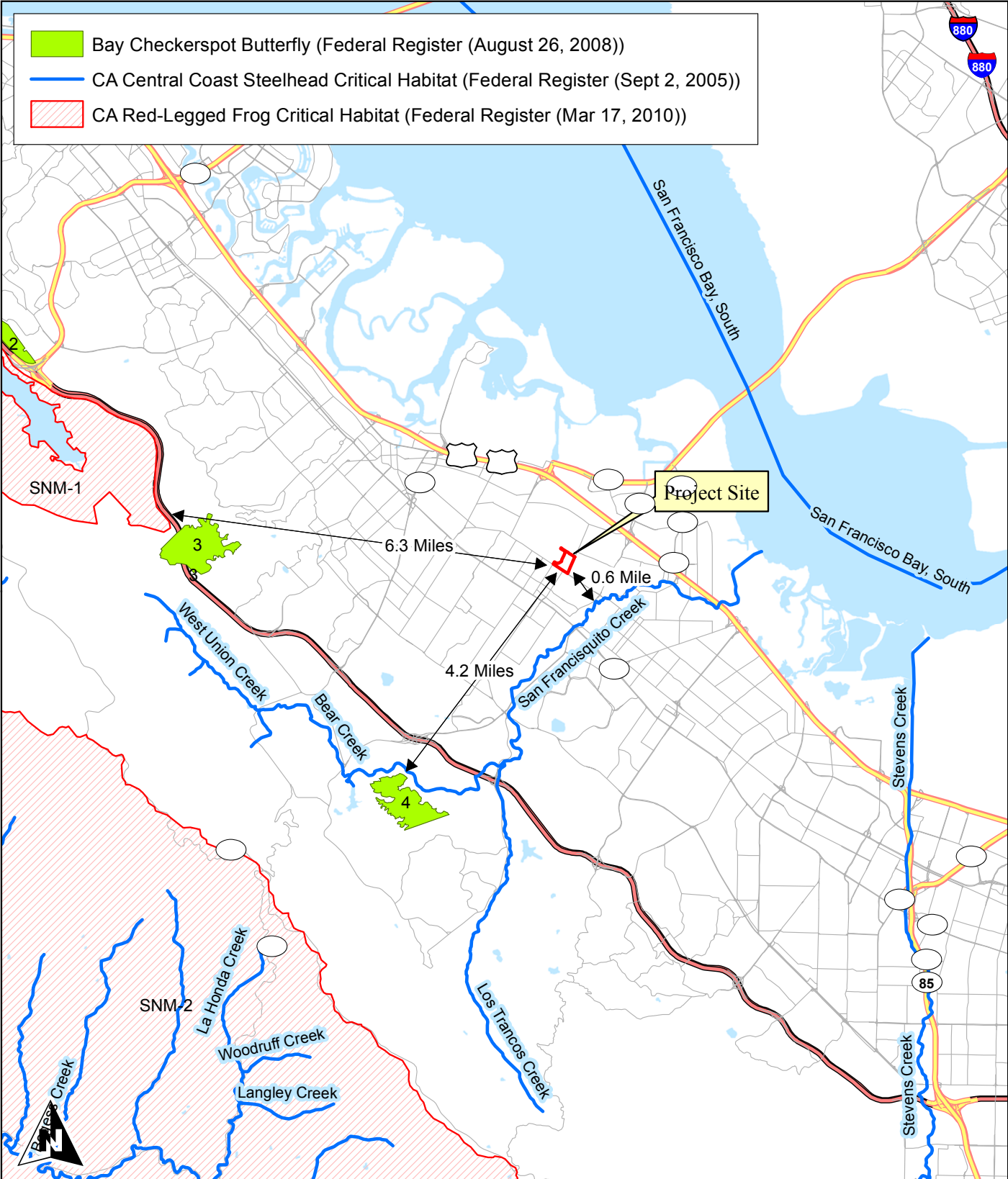


0 0.5 1 2 3 Miles

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Figure 5. Known records for Special-Status Wildlife Species  
 Within 3 Miles of the  
 Menlo-Atherton High School Project Site

Map Preparation Date:  
 April 10, 2025  
 — 3-Mile Radius  
 Source: CDFW, California  
 Natural Diversity Data Base, 2025



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Figure 6. USFWS Critical Habitat  
in the Vicinity of the  
Menlo-Atherton High School Project Site

Source: USFWS  
Map Preparation Date: April 10, 2025

**Table 1**  
**Plant Species Observed on the Menlo Atherton High School Project Site**

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**Gymnosperms**


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**Cupressaceae**

*Sequoia sempervirens* Redwood

**Ginkgoaceae**

\**Ginkgo biloba* Ginko

**Pinaceae**

\**Cedrus deodara* Deodar cedar

\**Picea pungens* Colorado blue spruce

---

**Angiosperms - Dicots**


---

**Anacardiaceae**

*Toxicodendron diversilobum* Poison-oak

**Apiaceae**

\**Anthriscus caucalis* Bur-chervil

**Apocynaceae**

\**Nerium oleander* Oleander

**Araliaceae**

\**Hedera canariensis* Algerian ivy

**Asteraceae**

\**Lactuca saligna* Willow lettuce

\**Lactuca serriola* Prickly lettuce

*Matricaria discoidea* Pineapple-weed

\**Sonchus oleraceus* Common sow-thistle

\**Tragopogon porrifolius* Common salsify

**Brassicaceae**

\**Capsella bursa-pastoris* Shepherd's purse

*Cardamine oligosperma* Few-seed bittercress

*Lepidium nitidum* Shining peppergrass

*Lepidium strictum* Peppergrass

\**Raphanus sativus* Wild radish

**Caryophyllaceae**

\**Spergularia rubra* Ruby sand-spurrey

**Cucurbitaceae**

*Marah fabacea* Wild cucumber

**Ericaceae**

*Arctostaphylos manzanita* Manzanita

**Euphorbiaceae**

\**Euphorbia peplus* Petty spurge

**Fabaceae**

*Cercis occidentalis* Western redbud

---

\* Indicates a non-native species

**Table 1**  
**Plant Species Observed on the Menlo Atherton High School Project Site**

<i>*Medicago polymorpha</i>	California burclover
<i>*Trifolium repens</i>	White clover
<i>*Trifolium subterraneum</i>	Subterranean clover
<b>Fagaceae</b>	
<i>Quercus agrifolia</i> var. <i>agrifolia</i>	Coast live oak
<i>Quercus lobata</i>	Valley oak
<b>Geraniaceae</b>	
<i>*Erodium botrys</i>	Broad-leaf filaree
<i>*Erodium cicutarium</i>	Red-stem filaree
<i>*Erodium moschatum</i>	White-stem filaree
<i>*Geranium dissectum</i>	Cut-leaf geranium
<b>Hamamelidaceae</b>	
<i>*Loropetalum chinense</i>	Chinese fringe flower
<b>Hydrangeaceae</b>	
<i>Carpenteria californica</i>	Tree-anemone
<b>Jasmine</b>	
<i>*Jasminum polyanthum</i>	Pink jasmine
<b>Juglandaceae</b>	
<i>Juglans hindsii</i>	Northern California black walnut
<b>Lamiaceae</b>	
<i>*Salvia greggii</i>	Autumn sage
<b>Lauraceae</b>	
<i>*Cinnamomum camphora</i>	Camphor tree
<i>Umbellularia californica</i>	California bay
<b>Lythraceae</b>	
<i>*Lagerstroemia indica</i>	Crape-myrtle
<b>Malvaceae</b>	
<i>*Brachychiton rupestris</i>	Queensland bottle tree
<i>*Malva nicaeensis</i>	Bull mallow
<i>*Malva parviflora</i>	Cheeseweed
<b>Myrsinaceae</b>	
<i>*Lysimachia arvensis</i>	Scarlet pimpernel
<b>Myrtaceae</b>	
<i>*Lophostemon confertus</i>	Vinegar tree
<i>*Melaleuca quinquenervia</i>	Paperbark
<b>Oleaceae</b>	
<i>*Ligustrum japonicum</i>	Japanese privet
<i>*Olea europaea</i>	Olive
<b>Papaveraceae</b>	
<i>*Fumaria capreolata</i>	Fumaria

\* Indicates a non-native species

**Table 1**  
**Plant Species Observed on the Menlo Atherton High School Project Site**

<b>Pittosporaceae</b>	
* <i>Pittosporum tenuifolium</i>	Pittosporum
<b>Polygonaceae</b>	
* <i>Polygonum aviculare</i>	Common knotweed
<b>Rosaceae</b>	
* <i>Cotoneaster sp.</i>	Cotoneaster
* <i>Prunus cerasifera</i>	Cherry plum
* <i>Pyrus calleryana</i>	Callery pear
* <i>Rosa sp.</i>	Wild rose
<b>Rubiaceae</b>	
* <i>Coprosma repens</i>	Mirror bush
<i>Galium aparine</i>	Goose grass
<b>Salicaceae</b>	
* <i>Xylosma congestum</i>	Dense longwood
<b>Theaceae</b>	
* <i>Camellia japonica</i>	Camellia
<b>Ulmaceae</b>	
* <i>Ulmus parvifolia</i>	Chinese elm
<b>Verbenaceae</b>	
* <i>Lantana sp.</i>	Lantana
<b>Angiosperms -Monocots</b>	
<b>Agavaceae</b>	
* <i>Agave attenuata</i>	Foxtail agave
<b>Arecaceae</b>	
<i>Washingtonia filifera</i>	California fan palm
<b>Phormiaceae</b>	
* <i>Phormium tenax</i>	New Zealand flax
<b>Poaceae</b>	
* <i>Bromus diandrus</i>	Rippgut grass
<i>Calamagrostis nutkaensis</i>	Pacific small-reedgrass
* <i>Festuca myuros</i>	Rattail sixweeks grass
* <i>Holcus lanatus</i>	Common velvet grass
<i>Muhlenbergia rigens</i>	Deergrass
* <i>Poa annua</i>	Annual bluegrass
<i>Poa sp.</i>	Bluegrass
* <i>Stipa miliacea var. miliacea</i>	Smilo grass

\* Indicates a non-native species

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**Table 2**  
**Wildlife Species Observed on the Menlo-Atherton High School Project Site**

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**Birds**

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Northern Flicker	<i>Colaptes auratus</i>
Red-shouldered Hawk	<i>Buteo lineatus</i>
Anna's Hummingbird	<i>Calypte anna</i>
American Crow	<i>Corvus brachyrhynchos</i>
Chestnut-backed Chickadee	<i>Poecile rufescens</i>
Oak Titmouse	<i>Baeolophus inornatus</i>
Bushtit	<i>Psaltriparus minimus</i>
European Starling	<i>Sturnus vulgaris</i>
Spotted Towhee	<i>Pipilo maculatus</i>
California Towhee	<i>Melospiza crissalis</i>
Dark-eyed Junco	<i>Junco hyemalis</i>
House Finch	<i>Haemorhous mexicanus</i>

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**Mammals**

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Western gray squirrel	<i>Sciurus griseus</i>
Fox squirrel	<i>Sciurus niger</i>

Table 3

## Special-Status Plant Species Known to Occur within the Region of the Menlo-Atherton High School Project Site

Family	Taxon	Status*	Flowering Period	Habitat	Area Locations	Probability on Project Site
	Common Name					
<b>Alismataceae</b>						
	<i>Sagittaria sanfordii</i>	Fed: -	May-October	Marshes and swamps	On CNPS 1 Quad Search	None. No marshes or swamps on the project site. Site almost entirely developed. No impacts expected.
	Sanford's arrowhead	State: -		(assorted shallow freshwater).		
		CNPS: Rank 1B				
<b>Alliaceae</b>						
	<i>Allium peninsulare franciscanum</i>	Fed: -	May-June	Cismontane woodland;	On CNPS 1 Quad Search	None. Site almost entirely developed. No intact grassland habitat or serpentine soils on the project site. No impacts expected.
	Franciscan onion	State: -		valley and foothill grassland		
		CNPS: Rank 1B.2		[clay, often serpentine]. 100-300 m.		
<b>Apiaceae</b>						
	<i>Eryngium aristulatum hooveri</i>	Fed: -	July-July	Vernal pools.	Closest record for this species located approximately 2.0 miles south of the project site (Occurrence No. 6).(1907)	None. No vernal pools or wetlands on the project site. Site almost entirely developed. No impacts expected.
	Hoover's button-celery	State: -				
		CNPS: Rank 1B.1				
	<i>Eryngium jepsonii</i>	Fed:	April-August	Occurs on clay in vernal pools and grassland	On CNPS 1 Quad Search	None. Site almost entirely developed or disturbed. No intact grassland habitat and no vernal pools. No species of Eryngium observed on the project site during 2025 site survey. No
	Button-celery	State:				
		CNPS: Rank 1B.2				
<b>Asteraceae</b>						
	<i>Centromadia parryi congonii</i>	Fed: -	May-November	Valley and foothill grassland (alkaline).	Closest record for this species located approximately 2.5 miles northeast of the project site (Occurrence No. 54).(2001)	None. Site almost entirely developed. No intact grassland habitat or alkaline soils. No impacts expected.
	Congdon's tarplant	State: -				
		CNPS: Rank 1B.2				

Table 3

## Special-Status Plant Species Known to Occur within the Region of the Menlo-Atherton High School Project Site

Family	Taxon	Status*	Flowering Period	Habitat	Area Locations	Probability on Project Site
	Common Name					
	<i>Cirsium fontinale fontinale</i> Fountain thistle	Fed: FPE State: CE CNPS: Rank 1B	June-October	Chaparral (openings); valley and foothill grassland; [serpentine seeps].	On CNPS 1 Quad Search	None. Site almost entirely developed. No chaparral, intact grassland and no serpentine soils. No impacts expected.
	<i>Cirsium praeteriens</i> Palo Alto thistle	Fed: State: CNPS: Rank 1A	June-July	Biennial or perennial herb	Closest record for this species located approximately 0.3 miles southeast of the project site (Occurrence No. 1).(1901) Extirpated.	None. Site almost entirely developed or disturbed. No suitable habitat. Species known from only one occurrence from 1901. Likely extirpated. No impacts expected.
	<i>Monolopia gracilens</i> Small-flowered monolopia	Fed: State: CNPS: Rank 1B.2	March-July	Coniferous and broadleaved upland forest openings, chaparral openings, and serpentine valley and foothill grassland. Elevation 100-1200 m.	On CNPS 1 Quad Search	None. No forest, chaparral or intact grassland with serpentine soils. Site almost entirely developed. Not observed during appropriately timed 2025 survey. No impacts expected.
<b>Boraginaceae</b>						
	<i>Amsinckia lunaris</i> Bent-flowered fiddleneck	Fed: - State: - CNPS: Rank 1B.2	March-June	Cismontane woodland, valley and foothill grassland, coastal bluff scrub.	Closest record for this species located approximately 2.1 miles northwest of the project site (Occurrence No.69).(1933)	None. Site almost entirely developed. Not observed during appropriately timed 2025 survey. No intact grassland habitat. No impacts expected.
	<i>Plagiobothrys chorisianus chorisianus</i> Choris's popcornflower	Fed: - State: - CNPS: Rank 1B	April-June	Chaparral; coastal prairie; coastal scrub; [mesic].	On CNPS 1 Quad Search	None. No coastal prairie, chaparral, or coastal scrub or mesic habitats on the project site. Site almost entirely developed. No <i>Plagiobothrys</i> species observed during the 2025 survey.
<b>Fabaceae</b>						
	<i>Trifolium amoenum</i> Showy Indian clover	Fed: FE State: - CNPS: Rank 1B.1	April-June	Valley and foothill grassland (sometimes serpentine; weak ultramafic indicator).	On CNPS 1 Quad Search	Low. No intact grassland or serpentine soils. Site almost entirely developed. No impacts anticipated.

Table 3

## Special-Status Plant Species Known to Occur within the Region of the Menlo-Atherton High School Project Site

Family Taxon Common Name	Status*	Flowering Period	Habitat	Area Locations	Probability on Project Site
<b>Lamiaceae</b>					
<i>Acanthomintha duttonii</i> San Mateo thorn-mint	Fed: FE State: CE CNPS: Rank 1B	April-June	Chaparral; valley and foothill grassland [serpentinite].	Closest record for this species located approximately 2.4 miles west of the project site (Occurrence No. 2).(1977)	None. No marshes or swamps on the project site. No species of <i>Acanthomintha</i> observed during the 2025 survey. No impacts expected.
<b>Liliaceae</b>					
<i>Fritillaria liliacea</i> Fragrant fritillary	Fed: - State: - CNPS: Rank 1B.2	February-April	Coastal prairie; coastal scrub; valley and foothill grassland; [often serpentinite].	Closest record for this species located approximately 2.0 miles southwest of the project site (Occurrence No. 36).	None. Site almost entirely developed. No intact grassland or serpentine soils on the project site. Not observed during appropriately timed 2025 survey. No impacts expected.
<b>Linaceae</b>					
<i>Hesperolinon congestum</i> Marin dwarf flax	Fed: FT State: CT CNPS: Rank 1B.1	April-July	Chaparral; valley and foothill woodland; [serpentinite].	On CNPS 1 Quad Search	None. No chaparral, woodland or serpentine soils on the project site. Site almost entirely developed. No impacts expected.
<b>Malvaceae</b>					
<i>Malacothamnus arcuatus var. arcuatus</i> Western bewildering bushmallow	Fed: State: CNPS: Rank 1B.2	April-July	This species is endemic to the Santa Cruz mountains, meaning it only grows there and is found nowhere else on the planet.	On CNPS 1 Quad Search	None. Incorrect geographic region. Site almost entirely developed. No species of <i>Malacothamnus</i> species observed during 2025 survey. No impacts expected.
<b>Orobanchaceae</b>					
<i>Chloropyron maritimum palustre</i> Point Reyes salty bird's-beak	Fed: - State: - CNPS: Rank 1B.2	June-October	Marshes and swamps (coastal salt).	Closest record for this species located approximately 2.6 miles east of the project site (Occurrence No.19).(1915)	None. No salt marshes on the project site. Site almost entirely developed. No impacts expected.

Table 3

## Special-Status Plant Species Known to Occur within the Region of the Menlo-Atherton High School Project Site

Family	Taxon	Status*	Flowering Period	Habitat	Area Locations	Probability on Project Site
	Common Name					
<b>Plantaginaceae</b>						
	<i>Collinsia corymbosa</i>	Fed: - State: - CNPS: Rank 1B	April-June	Coastal dunes.	Closest record for this species located approximately 0.3 miles southeast of the project site (Occurrence No. 8).(1988) Extirpated.	None. Site almost entirely developed. No dune habitat on the project site. No species of <i>Collinsia</i> observed during the 2025 survey. No impacts expected.
	Round-headed Chinese houses					
	<i>Collinsia multicolor</i>	Fed: - State: - CNPS: Rank 1B	March-May	Closed-cone coniferous forest; shady scrub forest, coastal scrub.	Closest record for this species located approximately 1.1 miles south of the project site (Occurrence No. 9).(1903)	None. Site almost entirely developed or disturbed. No intact forest or scrub. Not observed during appropriately timed 2025 survey. No impacts expected.
	San Francisco collinsia					
<b>Potamogetonaceae</b>						
	<i>Stuckenia filiformis alpina</i>	Fed: - State: - CNPS: Rank 2.2	May-July	Marshes and swamps (assorted shallow freshwater).	Closest record for this species located approximately 0.3 miles southeast of the project site (Occurrence No. 3).(1899)	None. No marshes or swamps on the project site. Site almost entirely developed. No impacts expected.
	Slender-leaved pondweed					
<b>Thymelaeaceae</b>						
	<i>Dirca occidentalis</i>	Fed: - State: - CNPS: Rank 1B.2	January-April	Chaparral; riparian, broadleaf, and coniferous woodlands and forests; [mesic locations].	Closest record for this species located approximately 2.0 miles southwest of the project site (Occurrence No. 6).(1931)	None. No intact forest or woodland. Site almost entirely developed. Remnant mature trees in between residential development and high school. Not observed during
	Western leatherwood					

**Table 3**

**Special-Status Plant Species Known to Occur within the Region of the Menlo-Atherton High School Project Site**

Family	Taxon	Common Name	Status*	Flowering Period	Habitat	Area Locations	Probability on Project Site
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**\*Status**

Federal:

- FE - Federal Endangered
- FT - Federal Threatened
- FPE - Federal Proposed Endangered
- FPT - Federal Proposed Threatened
- FC - Federal Candidate

State:

- CE - California Endangered
- CT - California Threatened
- CR - California Rare
- CC - California Candidate
- CSC - California Species of Special Concern

CNPS:

- Rank 1A - Presumed extinct in California
- Rank 1B - Plants rare, threatened, or endangered in California and elsewhere
- Rank 1B.1 - Seriously endangered in California (over 80% occurrences threatened/ high degree and immediacy of threat)
- Rank 1B.2 - Fairly endangered in California (20-80% occurrences threatened)
- Rank 1B.3 - Not very endangered in California (<20% of occurrences threatened or no current threats known)

CNPS Continued:

- Rank 2 - Plants rare, threatened, or endangered in California, but more common elsewhere
- Rank 2A - Extirpated in California, common elsewhere
- Rank 2B.1 - Seriously endangered in California, but more common elsewhere
- Rank 2B.2 - Fairly endangered in California, but more common elsewhere
- Rank 2B.3 - Not very endangered in California, but more common elsewhere
- Rank 3 - Plants about which we need more information (Review List)
- Rank 3.1 - Plants about which we need more information (Review List) Seriously endangered in California
- Rank 3.2 - Plants about which we need more information (Review List) Fairly endangered in California
- Rank 4 - Plants of limited distribution - a watch list
- Rank 4.2 - Plants of limited distribution; fairly threatened in California
- Rank 4.3 - Plants of limited distribution; not very threatened in California

Table 4

## Special-Status Wildlife Species Known to Occur Within 3 Miles of the Menlo-Atherton High School Project Site

Species	*Status	Habitat	Closest Locations	Probability on Project Site
<b>Insects</b>				
Crotch's bumble bee <i>Bombus crotchii</i>	Fed: State: CE Other:	Inhabits grassland and scrub areas, with select food plants: Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum. Nests underground, often in abandoned rodent dens.	Closest record for this species located 1.3 miles south of project site.(Occurrence No. 22).(1909)	Low. Marginal habitat in ruderal and landscaped areas. Project site almost fully developed and site of currently operating high school. Preconstruction surveys recommended. See text.
Western bumble bee <i>Bombus occidentalis</i>	Fed: State: CC Other:	Confined to high elevation sites and north coast. Inhabits grassland with select food plants: Melilotus, Cirsium, Trifolium, Centaurea, Chrysothamnus, and Eriogonum. Typically nests underground in abandoned rodent burrows or other cavities.	Closest record for this species located 1.1 miles east of project site.(Occurrence No. 251).(1974) Closest recent record on Bumblebee Watch is 134.5 miles east in the El Dorado National Forest.	None. No known occurrences in the area within the last 50 years. Project site is outside of the known current range of this species. No impacts anticipated.
<b>Fish</b>				
Green sturgeon - Southern DPS <i>Acipenser medirostris</i>	Fed: FT State: - Other:	Found in rivers, estuaries, and marine waters. Spawns in the Sacramento River and Klamath River. Prefers lower reaches of large rivers for spawning. Needs swift currents and large cobble.	Closest record for this species located 2.5 miles north of project site.(Occurrence No. 11).(2016)	None. No aquatic resources on the project site. No impacts anticipated.
Longfin smelt <i>Spirinichus thaleichthys</i>	Fed: FE State: CT Other:	Endemic to the Sacramento-San Joaquin River system. Inhabits open waters in the Delta and Suisun Bay. After spawning, larvae are carried downstream to brackish nursery areas.	Closest record for this species located 2.4 miles north of project site.(Occurrence No. 22).(1995)	None. No aquatic resources on the project site. No impacts anticipated.
<b>Amphibians</b>				
California tiger salamander (Cntrl CA DPS) <i>Ambystoma californiense</i>	Fed: FT State: CT Other:	Found in grassland habitats of the valleys and foothills. Requires burrows for aestivation and standing water until late spring (May) for larvae to metamorphose.	Closest record for this species located 1.0 miles south of project site.(Occurrence No. 329).(2002)	None. No suitable breeding or overwintering habitat on the project site. Project site is surrounded by restrictive fencing, curbed sidewalks and busy roads that are significant barriers to movement of this species. No impacts anticipated.
California red-legged frog <i>Rana draytonii</i>	Fed: FT State: CSC Other:	Occurs in lowlands and foothills in deeper pools and streams, usually with emergent wetland vegetation. Requires 11-20 weeks of permanent water for larvae development.	Closest record for this species located 2.3 miles south of project site.(Occurrence No. 1551).(1956)	None. No suitable habitat on the project site. See text.

Table 4

## Special-Status Wildlife Species Known to Occur Within 3 Miles of the Menlo-Atherton High School Project Site

Species	*Status	Habitat	Closest Locations	Probability on Project Site
Foothill yellow-legged frog ** <i>Rana boylei</i>	Fed: FT State: CT Other:	Found in partially shaded, shallow streams with rocky substrates. Requires perennial pools or flowing water. Needs some cobble-sized rocks as a substrate for egg laying. Requires water for 15 weeks for larval transformation.	Closest record for this species located 1.3 miles south of project site.(Occurrence No. 12).(1907)	None. No streams or aquatic resources on or near the project site. Project site is developed and surrounded by restrictive fencing and busy roads that are significant barriers to movement of this species. No impacts anticipated.
<b>Reptiles</b>				
Northwestern pond turtle <i>Actinemys marmorata</i>	Fed: FPT State: CSC Other:	Uncommon to common in suitable aquatic habitat throughout CA, west of the Sierra-Cascade crest and absent from desert regions, except the Mojave River. Associated with permanent or nearly permanent water in a wide variety of habitat types.	Closest record for this species located 0.3 miles south of project site.(Occurrence No. 464).(1902)	None. No suitable aquatic or upland nesting habitat on the project site. Project site is developed and surrounded by restrictive fencing, urban development and busy roads that are significant barriers to movement. No impacts anticipated.
<b>Birds</b>				
Northern Harrier <i>Circus hudsonius</i>	Fed: - State: CSC Other:	Nests on the ground or in shrubby vegetation typically in grasslands, fallow farm lands, near freshwater and salt water marshes.	Closest record for this species located 2.7 miles east of project site.(Occurrence No. 33).(2004)	None. No suitable habitat on or near the project site. Project site almost fully developed and is a currently operating high school. Preconstruction nesting surveys will be conducted nonetheless. No impacts anticipated.
Yellow rail <i>Coturnicops noveboracensis</i>	Fed: - State: CSC Other:	Summer resident in eastern Sierra Nevada in Mono County. Fresh-water marshlands.	Closest record for this species located 1.8 miles southeast of project site.(Occurrence No. 13).(1911)	None. No marsh habitat on or near the project site. Project site almost fully developed and is a currently operating high school which is surrounded by high-density development. No impacts anticipated.
California Black Rail <i>Laterallus jamaicensis coturniculus</i>	Fed: -- State: CT Other:	Inhabits salt marshes bordering larger bays. Prefers tidal salt marshes of pickleweed.	Closest record for this species located 2.5 miles east of project site.(Occurrence No. 132).(1982)	None. No salt marsh habitat on or near the project site. Project site almost fully developed and site of currently operating high school. No impacts anticipated.
California Ridgway's rail <i>Rallus obsoletus obsoletus</i>	Fed: FE State: CE Other:	Inhabits salt water and brackish marshes with tidal sloughs in San Francisco Bay. Prefers dense pickleweed for cover, but forages for invertebrates along mud-bottomed sloughs.	Closest record for this species located 1.6 miles north of project site.(Occurrence No. 50).(2006)	None. No salt marsh habitat on or near the project site. Project site almost fully developed and site of currently operating high school. No impacts anticipated.

**Table 4****Special-Status Wildlife Species Known to Occur Within 3 Miles of the Menlo-Atherton High School Project Site**

Species	*Status	Habitat	Closest Locations	Probability on Project Site
Western snowy plover <i>Charadrius alexandrinus nivosus</i>	Fed: FT State: CSC Other:	Prefers sandy beaches, salt pond levees, and shores of large alkali lakes. Requires sandy, gravelly, or friable soil for nesting.	Closest record for this species located 1.5 miles northeast of project site.(Occurrence No. 137).(2017)	None. No suitable habitat on the project site. Project site almost fully developed and is a currently operating high school which is surrounded by high-density development. No impacts anticipated.
California least tern <i>Sterna antillarum brownii</i>	Fed: FE State: CE Other:	Breeds colonially along the coast from San Francisco Bay to Northern Baja California. Nests on bare or sparsely vegetated flat substrates, such as beaches, alkali flats, landfills, or paved areas.	Closest record for this species located 1.7 miles north of project site.(Occurrence No. 6).(1988). Extirpated.	None. No suitable habitat on or near the project site. Site is a currently operating high school. Human disturbance is too high for this species. No impacts anticipated.
Western Burrowing Owl <i>Athene cunicularia hypugaea</i>	Fed: -- State: CSC Other:	Found in open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	Closest record for this species located 3.0 miles east of project site.(Occurrence No. 27).	None. No suitable habitat on the project site. No suitable burrows observed onsite. No impacts expected.
Salt Marsh Common Yellowthroat <i>Geothlypis trichas sinuosa</i>	Fed: - State: CSC Other:	Resident of freshwater and salt water marshes in the San Francisco Bay region. Requires thick, continuous cover for foraging and tall grasses, tules, or willows for nesting.	Closest record for this species located 2.5 miles east of project site.(Occurrence No. 77).(2004)	None. No marsh habitat on or near the project site. Insufficient cover for foraging and nesting. No impacts anticipated.
Alameda Song Sparrow <i>Melospiza melodia pusillula</i>	Fed: -- State: CSC Other:	Found in Salicornia marshes in the southern arm of San Francisco Bay. Nests in low Grindelia bushes and in Salicornia.	Closest record for this species located within project vicinity.(Occurrence No. 38).(1914)	None. No marsh habitat on or near the project site. Project site almost fully developed and site of currently operating high school. No impacts anticipated.
<b>Mammals</b>				
Pallid bat <i>Antrozous pallidus</i>	Fed: - State: CSC Other:	Occurs in deserts, grasslands, shrublands, woodlands, and forests. Most common in dry habitats with rocky areas for roosting. Roosts in caves, crevices, mines, and occasionally hollow trees. Night roosts in open areas such as porches and open buildings.	Closest record for this species located 1.3 miles south of project site.(Occurrence No. 249).(1951)	None. No suitable roosting or breeding habitat on the project site. Site is a currently operating high school. Human disturbance is too high for this species. No impacts anticipated. See text.
Salt marsh harvest mouse <i>Reithrodontomys raviventris</i>	Fed: FE State: CE Other:	Inhabits saline marshes in the San Francisco Estuary. Prefers pickleweed marshes. Requires higher areas for escaping high water.	Closest record for this species located 1.5 miles north of project site.(Occurrence No. 134)	None. No marsh habitat on or near the project site. Project site almost fully developed and is a currently operating high school which is surrounded by high-density development. No impacts anticipated.

**Table 4**

**Special-Status Wildlife Species Known to Occur Within 3 Miles of the Menlo-Atherton High School Project Site**

Species	*Status	Habitat	Closest Locations	Probability on Project Site
American badger <i>Taxidea taxus</i>	Fed: - State: CSC Other:	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Need sufficient food, friable soils & open, uncultivated ground. Prey on burrowing rodents. Dig burrows.	Closest record for this species located within project vicinity.(Occurrence No. 130).(1894)	None. No suitable habitat or burrows of sufficient size on the project site. Project site almost fully developed and site of currently operating high school. No impacts anticipated.

**\*Status**

Federal:	State:	State:	Other:
FE - Federal Endangered	CE - California Endangered	CSC - California Species of Special Concern	SA - CDFW Special Animals List
FT - Federal Threatened	CT - California Threatened	FP - Fully Protected	IUCN V - International Union for Conservation of
FPE - Federal Proposed Endangered	CR - California Rare	WL - Watch List. Not protected pursuant to CEQA	Nature (IUCN) Vulnerable
FPT - Federal Proposed Threatened	CC - California Candidate		
FC - Federal Candidate			
FPD - Federally Proposed for delisting			



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MENLO ATHERTON HIGH SCHOOL

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LEGEND

- Classroom
- Lab
- PE / Athletics
- Admin / Support
- Common Space
- New Building (2002 - Present)

CAMPUS NEEDS

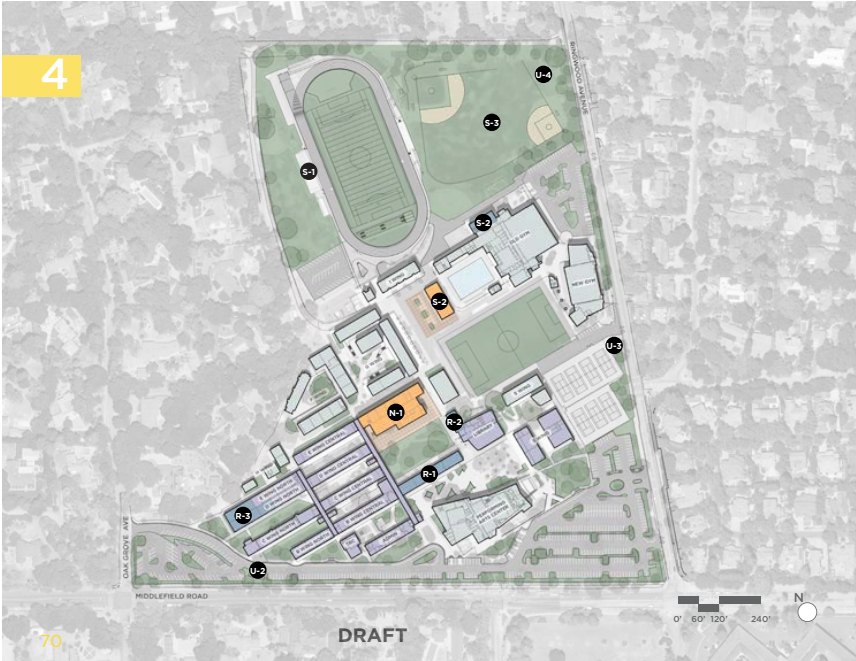
- Principal
- New classrooms
  - Expand & centralize student support
  - Replace bleachers & press box
- Faculty / Staff
- New classrooms
  - Replace bleachers & press box
  - Expand weight room & P.E. classroom

CAMPUS DATA

Address:	555 Middlefield Road Atherton, CA 94027
Year Founded:	1951
Building Area:	160,990 sq ft
Site Acreage:	38 ac
Student Population (2022-2023):	2,125
Number of Classrooms:	126
Number of Portables:	6
Grade Levels:	4

- Students
- Student union
  - Flexible study space
  - Better outdoor gathering spaces
- M&O
- Improve subdrainage around football stadium
  - Renovate restrooms
  - Repair roofs
  - Replace fluorescents with LEDs
  - Replace single pane windows
  - Add solar to campus

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LEGEND

- New Building
- Building Renovation
- Modernization / Infrastructure Improvements
- No Scheduled Projects

MENLO ATHERTON HIGH SCHOOL MASTER PLAN

**NEW CONSTRUCTION**

- N-1 New Classroom Building

**RENOVATION**

- R-1 B-Wing South Modernization
- R-2 Library Improvements
- R-3 Science Classroom Renovation

**SITE / SPORTS PROJECTS**

- S-1 Stadium Bleachers & Press Box
- S-2 New Weight Room & Training Room Improvements
- S-3 Turf @ Baseball and Softball Field

**INFRASTRUCTURE PROJECTS**

- U-1 Solar
- U-2 Improve Pathway to Oak Road
- U-3 Add Bike Parking
- U-4 Subdrainage Around Stadium
- U-5 Renovate Restrooms
- U-6 Replace Single Glazed Windows
- U-7 Roof Resurface
- U-8 Exterior Paint
- U-9 Exterior LEDs
- U-10 Miscellaneous Improvements

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#### MASTER PLAN PROJECT DESCRIPTIONS

<p><b>N-1 NEW CLASSROOM BUILDING</b> A new 3-story classroom and student support building will enlarge and define the central quad area. The quad will be transformed with student support spaces on three sides: the existing library, the existing B-wing south, and the ground floor of the new building creating a student focused heart to the campus.</p>	<p><b>R-1 B-WING MODERNIZATION</b> A full update and re-organization of the B-wing will improve student support resources while also engaging the adjacent outdoor space for student use.</p> <p><b>R-2 LIBRARY IMPROVEMENTS</b> Includes creating work "pods" within the library with clear sightlines for supervision and adding large glazed operable partitions on the quad side of the building to welcome students into the library.</p> <p><b>R-3 SCIENCE CLASSROOM RENOVATION</b> Improving outdated science classroom to meet District standards.</p> <p><b>S-1 STADIUM BLEACHERS &amp; PRESS BOX</b> Replace the existing home side bleachers with new and building a new press box.</p> <p><b>S-2 NEW WEIGHT ROOM &amp; TRAINING ROOM IMPROVEMENTS</b> A new larger weight room and P.E. classroom adjacent to the old gym. Renovating the existing weight room into a new team room.</p> <p><b>S-3 TURF @ BASEBALL AND SOFTBALL FIELD</b> Replace the existing grass with artificial turf at the baseball and softball field.</p>
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<p><b>U-1 SOLAR</b> Photovoltaic panels installed on a combination of roofs and shade structures to off-set new cooling loads and meet the District's sustainability goals.</p> <p><b>U-2 IMPROVE PATHWAY TO OAK ROAD</b> Improve safety by creating a clear pedestrian pathway from campus, through the parking lot, to Oak Road.</p> <p><b>U-3 ADD BIKE PARKING</b> Create a fenced bike parking area, exact location to be determined.</p> <p><b>U-4 SUBDRAINAGE AROUND STADIUM</b> Improve the subdrainage under the fire access road that travels around the stadium and connect to the existing campus system.</p> <p><b>U-5 RENOVATE RESTROOMS</b> Update existing facilities, upgrade plumbing infrastructure, and studying options for gender-neutral facilities.</p> <p><b>U-6 REPLACE SINGLE GLAZED WINDOWS</b> Install double glazed windows to reduce heat transfer through the building envelope while improving the efficiency of the new HVAC system.</p> <p><b>U-7 ROOF RESURFACE</b> Roofing improvements will extend the warranty and preserve the integrity of existing building facilities.</p>	<p><b>U-8 EXTERIOR PAINT</b> Refresh the campus and repair damage exterior finishes.</p> <p><b>U-9 EXTERIOR LEDS</b> Replace exterior fluorescence lighting fixtures with new energy efficient LED fixtures. Install new LED lighting as required for safety.</p> <p><b>U-10 MISCELLANEOUS IMPROVEMENTS</b> Campus improvements identified by the District's Maintenance and Operation Department.</p>
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FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

**NEW CLASSROOM BUILDING AT QUAD**

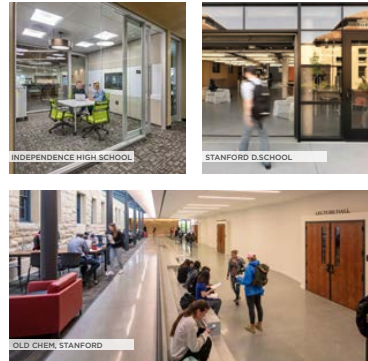
- Maximizes available buildable space on campus
- Rethinks student support space around central quad by tying in the library and B-Wing South together
- Enhances existing outdoor space
- Enlarges campus quad
- Response to site
  - Shading on south facade
  - Maintains major circulation pathways on campus
  - Height of new building matches height of G-Wing
- Ties old and new parts of the campus together



GROUND FLOOR



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**B-WING SOUTH MODERNIZATION**

- Rethinks student support spaces creating more flexibility in the future
- Creates a new pathway between existing outdoor gathering spaces
- Brights and makes an existing building welcoming to students

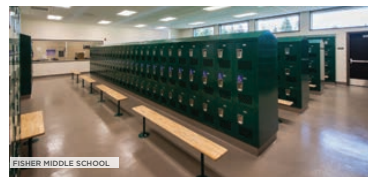
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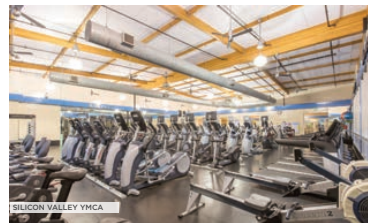
GROUND FLOOR



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FISHER MIDDLE SCHOOL

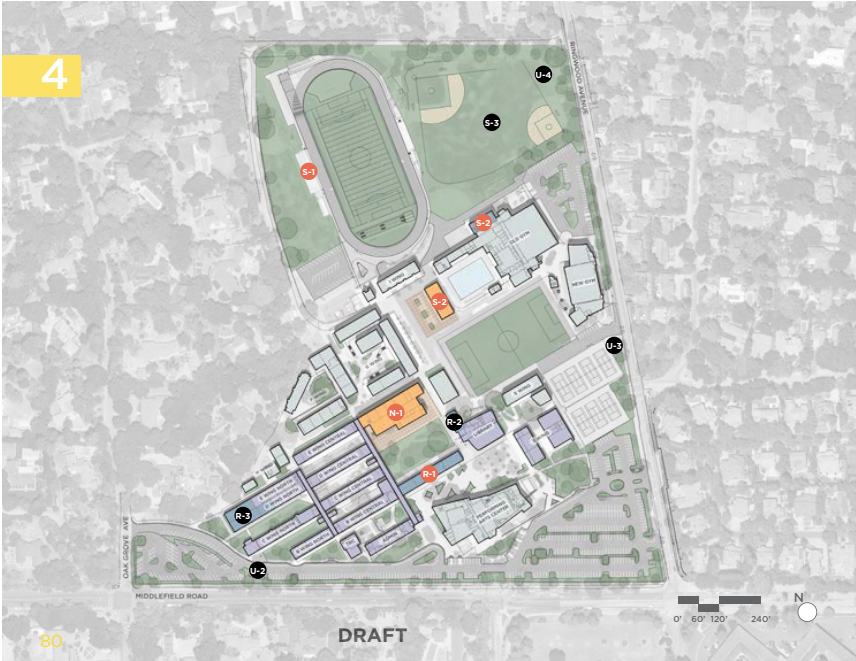


SILICON VALLEY YMCA

**NEW WEIGHT ROOM AND GYM IMPROVEMENTS**

- Enlarges and modernizes the weight room facility
- Provides an indoor versatile classroom space for physical education
- Repurposes the existing weight room into a team and training room

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MASTER PLAN PROJECT LIST	MASTER PLAN BUDGET	MEASURE W BUDGET	MEASURE W PROJECT SELECTION	
<b>NEW CONSTRUCTION</b>				
N-1 New Classroom Building	\$56.6M	\$56.6M	Each site committee and the District leadership team selected the highest priority projects for each site that best meet four scope description project categories. Should future funds become available, other projects could be realized in the program.	
<b>RENOVATION</b>				
R-1 B-Wing South Modernization	\$4.2M	\$4.2M		
R-2 Library Improvements	\$1.4M			
R-3 Science Classroom Renovation	\$4.2M			
<b>SITE / SPORTS PROJECTS</b>				
S-1 Stadium Bleachers & Press Box	\$4M	\$4M		
S-2 New Weight Room & Training Room Improvements	\$10M	\$10M		
S-3 Turf @ Baseball and Softball Field	\$13.3M			
<b>INFRASTRUCTURE PROJECTS</b>				
U-1 Solar	\$5M	\$5M		
U-2 Improve Pathway to Oak Road	\$1.2M			
U-3 Add Bike Parking	\$0.5M			
U-4 Subdrainage Around Stadium	\$1.8M	\$1.8M		
U-5 Renovate Restrooms	\$5.2M	\$5.2M		
U-6 Replace Single Glazed Windows	\$7M	\$7M		
U-7 Roof Resurface	\$1.9M	\$1.9M		
U-8 Exterior Paint	\$0.3M	\$0.3M		
U-9 Exterior LEDs	\$0.4M	\$0.4M		
U-10 Miscellaneous Improvements	\$0.3M	\$0.3M		
	\$117.6M	\$97M		