



**GENERAL BIOLOGICAL ASSESSMENT  
FOR  
ASSESSOR'S PARCEL NUMBER  
0587-361-01**

**YUCCA VALLEY  
SAN BERNARDINO COUNTY  
CALIFORNIA**

**Prepared for:**

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**JANUARY 2023**

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Appendix B – Potential Species List

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## **1.0 Introduction**

Hernandez Environmental Services (HES) was contracted to prepare a General Biological Assessment (GBA) for an approximately 0.92-acre project site in the incorporated town of Yucca Valley, San Bernardino County, California. The project site consists of Assessor's Parcel Number (APN) 0587-361-01.

### **1.1 Project Site Location**

The project site is located at 56695 Twentynine Palms Highway, Yucca Valley California 92284. Specifically, the project site is located within Section 2, Township 1 south and Range 5 east, in the *Yucca Valley South* United States Geological Survey (USGS) 7.5' topographic quadrangle. The center point latitude and longitude for the project site are 34° 07' 11.7735" North, 116° 25' 37.5807" West (Figures 1 and 2).

### **1.2 Project Description**

The project proposes the development of an approximately 1,127 square foot (S.F.) commercial building with associated parking, 20-foot utility easement, and landscaping (Figure 3).

## **2.0 Methodology**

### **2.1 Literature Review**

HES conducted a literature review and reviewed aerial photographs and topographic maps of the project site and surrounding areas. A five-mile radius was used to identify sensitive species with the California Natural Diversity Data Base (CNDDDB), the U.S. Fish and Wildlife Service (USFWS) Endangered Species Lists, and the California Native Plant Society (CNPS) rare plant lists to obtain species information for the project area. The CNDDDB and USFWS critical habitat databases were utilized, together with Geographic Information System (GIS) software, to locate the previously recorded locations of sensitive plant and wildlife occurrences and designated critical habitat and determine the distance from the project site

### **2.2 Field Survey**

On December 7, 2022, HES conducted a field survey of the project site. The ambient temperature at 11:50 A.M. was 50 degrees Fahrenheit, sunny, with winds ranging from zero to four miles per hour from the southeast. The purpose of the field survey was to document the existing habitat conditions, obtain plant and animal species information, view the surrounding land uses, assess the potential for state and federal waters, assess the potential for wildlife movement corridors, and assess the presence of constituent elements for critical habitat, if present.

Linear transects spaced approximately 50 to 100 feet apart were walked across the project site for 100 percent coverage. All species observed were recorded. Global Positioning System (GPS) waypoints were taken to delineate specific habitat types, species locations, state or federal waters, and any other information that would be useful for the assessment of the project site. A comprehensive list of all plant and wildlife species that were detected during the field survey within the project site is included in Appendix A. Sensitive plant and wildlife species with the potential to occur within the project area are listed in Appendix B. Representative site photographs were taken and are included within Appendix B.

### **3.0 Existing Conditions and Results**

#### **3.1 Environmental Setting**

The project site consists entirely of ruderal habitat with sparse native and non-native vegetation.. The site is bordered by Twenty Nine Palms Highway to the north, a California Welcome Visitor Center to the east, and vacant ruderal land to the south and west. The site is relatively flat with onsite elevations ranging from 3,287 feet above mean sea-level (AMSL) to 3,294 feet AMSL.

#### **3.2 Plant and Habitat Communities**

The project site supports a ruderal habitat community (Figure 4). Ruderal habitat is found in heavily disturbed areas. The ruderal habitat on site is dominated by shortpod mustard (*Hirschfeldia incana*) and tumbleweed (*Salsola tragus*). Other plant species observed within this habitat type include creosote (*Larrea tridentata*), palo verde (*Parkinsonia florida*), red stemmed filaree (*Erodium cicutarium*), California croton (*Croton californicus*).

#### **3.3 Wildlife**

General wildlife species documented on the project site or within the vicinity of the site include the common raven (*Corvus corax*) and mourning verdin (*Auriparus flaviceps*).

#### **3.4 Regional Connectivity/Wildlife Movement**

Wildlife movement corridors link together areas of suitable habitat that are otherwise separated by rugged terrain, changes in vegetation, or human disturbances. The project area was evaluated for its function as a wildlife corridor that species use to move between wildlife habitat zones. The project area consists of ruderal and is flat and bordered by a busy highway and human development. No wildlife movement corridors were found to be present on the project site.

#### **3.5 Sensitive Biological Resources**

According to the CNDDB, a total of 26 sensitive species of plants and 34 sensitive species of animals have the potential to occur on or within the vicinity of the project area. These include those species listed or candidates for listing by the U. S. Fish and Wildlife Service (USFWS),

California Department of Fish and Wildlife (CDFW) and California Native Plant Society (CNPS). All habitats with the potential to be used by sensitive species were evaluated during the site visit and a determination has been made for the presence or probability of presence within this report. This section will address those species listed as Candidate, Rare, Threatened, or Endangered under the state and federal endangered species laws. Sensitive species which have a potential to occur will also be discussed in this section. Other special status species are addressed within Appendix B.

### 3.5.1 Sensitive Plant Resources

A total of 5 plant species are listed as state and/or federal Threatened, Endangered, or Candidate species; are 1B.1 listed plants on the CNPS Rare Plant Inventory; below are descriptions of these species:

#### *Chaparral sand-verbena*

Chaparral sand-verbena (*Abronia villosa* var. *aurita*) is ranked 1B.1 in the CNPS Rare Plant Inventory. It is found in sandy areas of chaparral, coastal scrub, and desert dunes habitats. No habitat for this species is present on the project site. **This species is not present.**

#### *Coachella Valley milk-vetch*

Coachella Valley milk-vetch (*Astragalus lentiginosus* var. *coachellae*) is a federally listed Endangered species and is ranked 1B.2 in the CNPS Rare Plant Inventory. It is typically found in sandy flats, washes, outwash fans, and on dunes. Its habitat includes desert dunes and Sonoran Desert scrub. No habitat for this species is present on the project site. **This species is not present.**

#### *Triple-ribbed milk-vetch*

The triple-ribbed milk-vetch (*Astragalus tricarinatus*) is a federally listed Endangered species and ranked 1B.2 in the CNPS Rare Plant Inventory. Its habitat include desert wash, Joshua tree woodland, and sonoran desert scrub habitats. It is often found on hot, rocky slopes in canyons and along edge of boulder-strewn desert washes with *Larrea* and *Encelia*. No habitat for this species exists on the project site. **This species is not present.**

#### *Slender-horned spineflower*

Slender - horned spineflower (*Dodecahema leptoceras*) is a federally and state listed Endangered Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. Its habitat includes chaparral, cismontane woodland, and coastal scrub (alluvial fan sage scrub). No habitat for this species exists on the project site. **This species is not present.**

*Parish's daisy*

Parish's daisy (*Erigeron parishii*) is a federally Threatened Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is typically found on carbonate; limestone mountain slopes; often associated with drainages and sometimes on granite. Its habitat includes Mojavean desert scrub, pinyon and juniper woodland. No habitat for this species exists on the project site. **This species is not present.**

### 3.5.2 Sensitive Animal Resources

A total of 6 animal species are listed as state and/or federal Threatened, Endangered, Candidate will be reviewed in this section All sensitive species within a 5-mile radius of project area were reviewed and a complete list of those species are discussed within Appendix B. Below are descriptions of these species:

*Burrowing owl*

Burrowing owl (*Athene cunicularia*) is a CDFW Species of Special Concern. This species is a subterranean nester, dependent upon burrowing mammals such as the California ground squirrel. It inhabits open, dry annual or perennial grasslands and scrublands characterized by low-growing vegetation. The project site is adjacent to busy roads and human development. No burrows suitable for burrowing owl were found on site. No ground squirrel or other burrowing mammals was noted on site. No suitable habitat for this species occurs on site. **This species is not present.**

*Crotch bumble bee*

Crotch bumble bee (*Bombus crotchii*) is a state Candidate Endangered species. Its located in coastal California east to the Sierra-Cascade crest and south into Mexico. Its food plan genera include *Antirrhinum*, *Phacelia*, *Clarkia*, *Dendromecon*, *Eschscholzia*, and *Eriogonum*. There is no habitat for this species on the project site. **This species is not present.**

*Desert tortoise*

Desert tortoise (*Gopherus agassizii*) is a state and federally listed Threatened species. This species is found in Joshua tree woodland, Mojavean desert scrub, and Sonoran desert scrub habitats. It requires friable soil for burrow and nest construction. It prefers creosote bush habitat with large annual wildflower blooms. The project site is disturbed and adjacent to busy roads and human development. No burrows suitable for desert tortoise were found on site. No suitable habitat occurs on site. **This species is not present.**

*Peninsular bighorn sheep DPS*

Peninsular bighorn sheep DPS (*Ovis canadensis nelson* pop. 2) are a federally listed Endangered and state listed Threatened species. This species habitats include alpine, aloine dwarf scrub, chaparral, great basin scrub, Mojavean desert scrub, montane dwarf scrub, pinon and juniper

woodlands, riparian woodland, and Sonoran desert scrub. Optimal habitat includes steep walled canyons and ridges bisected by rocky or sandy washes, with available water. No suitable habitat occurs on site. **This species is not present.**

#### *Coachella Valley fringe-toad lizard*

Coachella Valley fringe-toed lizard (*Uma inornata*) is a federally listed Threatened and state listed Endangered species. This species habitats include desert dunes and desert wash. This species is limited to sandy areas in Coachella Valley, Riverside County. It requires fine, loose, windblown sand for burrowing, interspersed with hardpan and widely spaced desert shrubs. No suitable habitat occurs on site. **This species is not present.**

#### *Least Bell's vireo*

Least Bell's vireo (*Vireo bellii pusillus*) is a federal and state listed Endangered Species. This species is found in riparian forest, riparian scrub, and riparian woodland. Nesting habitat of this species is restricted to willow and/or mule fat dominated riparian scrub along permanent or nearly permanent streams. No suitable habitat for this species is present on the project site. **This species is not present.**

### **3.6 Critical Habitat**

Critical habitat is designated by USFWS for endangered and threatened species per the federal ESA (16 U.S.C. § 1533 (a)(3)), and to the extent prudent and determinable. Special management of critical habitat, including measures for water quality and quantity, host animals and plants, food availability, pollinators, sunlight, and specific soil types is required to ensure the long-term survival and recovery of the identified species. Critical habitat designation delineates all suitable habitat for the species. The project site is not located within or adjacent to federally designated critical habitat for endangered species.

### **3.7 Nesting Birds**

Migratory non-game native bird species are protected under the federal Migratory Bird Treaty Act. Additionally, Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests. The project site contains shrubs and trees that can be utilized by nesting birds and raptors during the nesting bird season of February 1 through September 15.

### **3.8 Jurisdictional Waters**

The project site does not contain any drainage, riparian, or riverine features. There are no CDFW, United States Army Corps of Engineers (USACE), or Regional Water Quality Control Board (RWQCB) jurisdictional waters within the project site boundaries.



## **4.0 Project Impacts**

### **4.1 Impacts to Habitats**

The proposed project consists of a commercial development on the 0.92-acre site. Implementation of the proposed project will impact approximately 0.32 acre of ruderal habitat (Figure 5).

### **4.2 Impacts to Sensitive Species**

No sensitive species have the potential to occur on site. No impacts to sensitive species are expected.

### **4.3 Impacts to Nesting Birds**

Potential impacts to nesting birds may occur if ground disturbing activities or vegetation removal occur during the bird nesting season of February 1 through September 15. Implementation of the measures identified in the Recommendations section of this report will ensure that potential impacts to nesting birds are less than significant.

### **4.4 Impacts to Critical Habitat**

The project site is not within federal critical habitat. No impacts to federal critical habitat are expected.

### **4.5 Impacts to Wildlife Movement Corridors**

No wildlife movement corridors were found to be present on the project site. No impacts are expected.

### **4.6 Conflict with Local Policies or Ordinances Protecting Biological Resources**

Should the proposed project result in the removal of trees, it will be required to comply with the Town of Yucca Valley development Code Sections 9.07.130, 9.09.050, and 9.10.040 apply to residential and hillside reserve districts, commercial districts, and industrial districts, respectively. Regulated desert native plants for all residential, commercial land development, and industrial land development projects, include the following, all Joshua trees (*Yucca brevifolia*), Mojave yucca (*Yucca schidigera*), our lord's candle (*Yucca whipplei*), Parry's nolina (*Nolina parryi*), California juniper (*Juniperus californica*), pinon pine (*Pinus monophylla*), and all plants protected or regulated by the California Desert Native Plants Act (California Food and Agricultural Code 80001 *et. seq.*). Prior to the removal, relocation, or trimming of these native plants, a Native Plant Permit is required. These regulated desert native plants shall not be removed except under a removal permit issued by the Community Development Director. A requirement of the removal permit is a plot plan indicating the protected plants to be removed or

relocated. No protected desert native plants occur on site, no protected plants will be impacted by the proposed project.

#### **4.7 Conflict with the Provisions of an Adopted Habitat Conservation Plan, Natural Community Conservation Plan, or Other Approved Local, Regional, or State Habitat Conservation Plan**

The Project would not be anticipated to conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

#### **4.8 State and Federal Drainages**

The project site does not contain any state or federal drainages, therefore no impacts to any jurisdictional drainages are expected.

#### **5.0 Recommendations**

Based upon the findings of this report, it is recommended that the following studies or surveys be performed as part of the project.

##### Nesting Birds

- It is recommended that vegetation removal be conducted outside of the nesting season for migratory birds to avoid direct impacts.
- If vegetation removal will occur during the migratory bird nesting season, between February 1 and September 15, pre-construction nesting bird surveys shall be performed within three days prior to vegetation removal.
- If active nests are found during nesting bird surveys, they shall be flagged. A 250-foot buffer shall be fenced around song bird nests and a 500-foot buffer shall be fenced around raptor nests.

## 6.0 Certification

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this biological evaluation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.



Date 01/06/2022

Signed \_\_\_\_\_

PROJECT MANAGER

Fieldwork Performed By:

Elizabeth Gonzalez

\_\_\_\_\_  
Associate Biologist

Sarah Vasquez

\_\_\_\_\_  
ASSOCIATE BIOLOGIST

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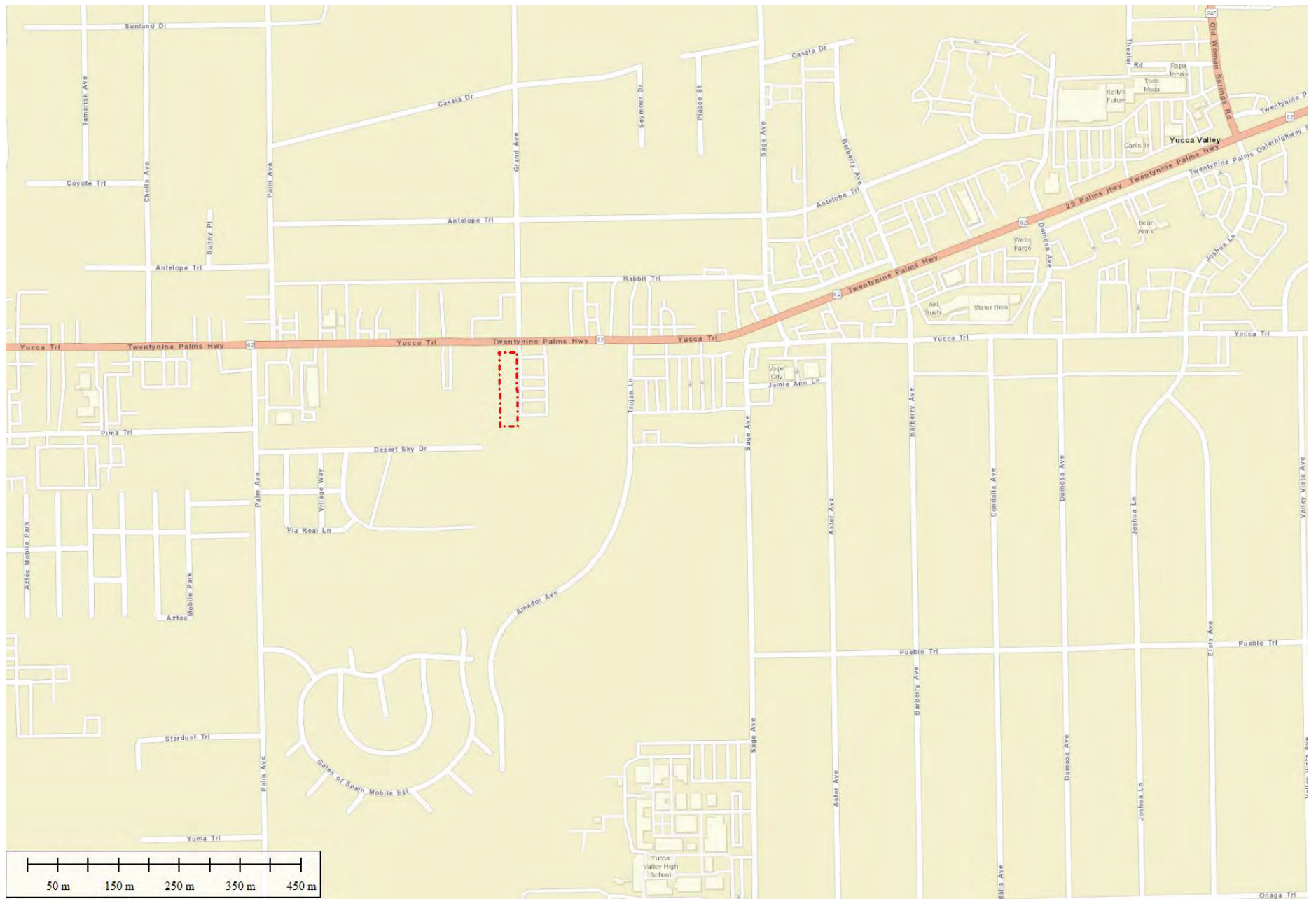
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# FIGURES



**Figure 1**


Location Map  
 56695 Twentynine Palms Highway  
 Yucca Valley, San Bernardino County, California

**Legend**  
 Property Boundary



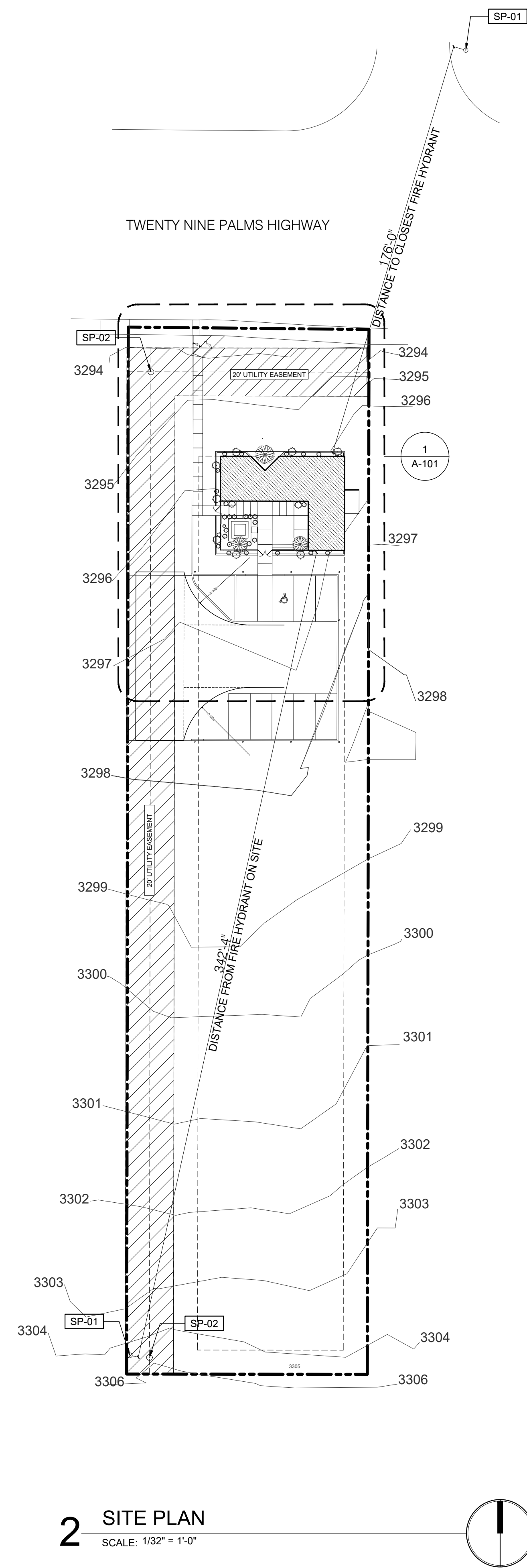


**Figure 2**  
 Vicinity Map  
 56695 Twentynine Palms Highway  
 Yucca Valley, San Bernardino County, California

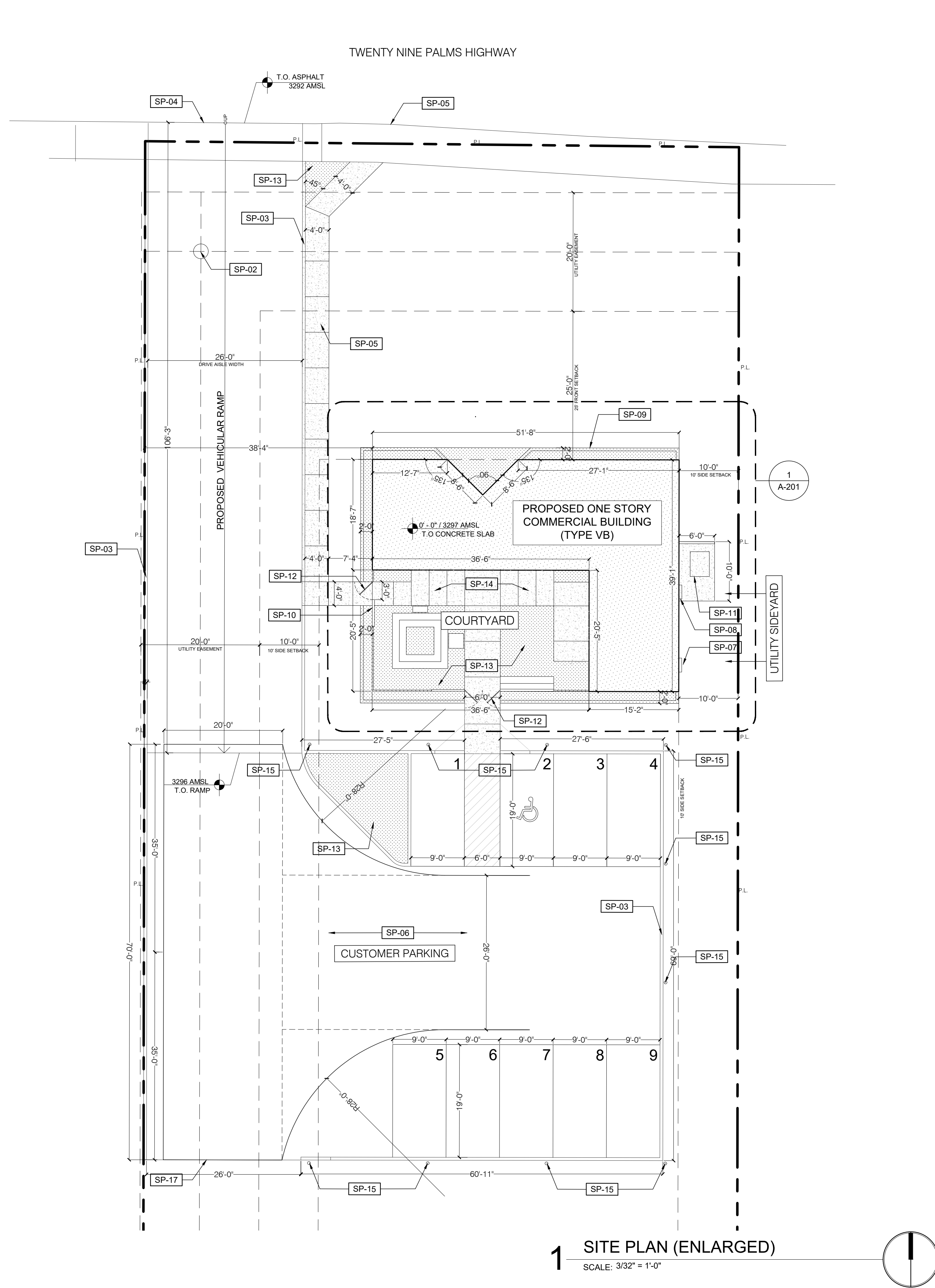
**Legend**  
 Property Boundary







**2 SITE PLAN**  
SCALE: 1/32" = 1'-0"



**1 SITE PLAN (ENLARGED)**  
SCALE: 3/32" = 1'-0"

**GENERAL NOTES**

- KEYNOTES ARE SPECIFIC TO THE DRAWING SECTION IN WHICH THEY RESIDE. ALPHABETICAL PREFIXES IDENTIFY DRAWING APPLICABILITY.
- ALL DIMENSIONS ARE TO FACE OF FINISH (F.O.F.), UNLESS OTHERWISE NOTED.
- DO NOT SCALE FROM DRAWINGS.
- ANY INCONSISTENCIES OR UNFORESEEN CONDITIONS TO BE REVIEWED BY THE ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION.
- GRID REFERENCES AND DIMENSIONS ARE INDICATED FOR REFERENCE ONLY. VERIFY ALL ACTUAL LOCATIONS IN THE FIELD.
- SPOT ELEVATIONS NOTED ARE FOR REFERENCE ONLY AND ARE CONSISTENT ACROSS ENTIRE FLOOR PLATE UNLESS NOTED OTHERWISE. FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
- COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS PERTAINING TO SAFETY OF PERSONS, PROPERTY AND ENVIRONMENTAL PROTECTION.
- HOSE BIBS TO BE INSTALLED PER PLUMBING DWGS.

**KEY NOTES**

- SP-01 FIRE HYDRANT LOCATION
- SP-02 SEWER MANHOLE
- SP-03 6" WIDTH CONCRETE CURB
- SP-04 PROPOSED CURBCUT LOCATION
- SP-05 CONC. SIDEWALK PER COUNTY OF SAN BERNARDINO REQ'S
- SP-06 2 1/2" ASPHALT DRIVEWAY (SLOPE TO DRAIN, REFER CIVIL DWGS)
- SP-07 PROPOSED LOCATION FOR WATER METER
- SP-08 PROPOSED LOCATION FOR ELECTRICAL METER (200 AMP)

**LEGEND**

- SP-09 PROPOSED LOCATION FOR BUILDING SIGNAGE
- SP-10 BUILDING ADDRESS LOCATION (BLACK METAL LETTERING MIN 4" TALL)
- SP-11 PROPOSED LOCATION FOR MECHANICAL UNIT
- SP-12 PEDESTRIAN GATE
- SP-13 PEBBLE COURSE WITH XERISCAPING
- SP-14 CONCRETE PAD (SLOPE TO DRAIN, REFER TO CIVIL)
- SP-15 LIGHT POSTS (DARK SKY'S COMPLIANT FIXTURE)
- SP-15 CONCRETE BENCHES
- SP-16 BREEZEWAY BLOCK WALL ON CONCRETE FOOTING
- SP-17 HAMMERHEAD TURNAROUND

**LEGEND**

- CONCRETE PAVING (SLOPE TO DRAIN, REFER TO CIVIL DWGS)
- PROPOSED BUILDING
- BIORETENTION AREAS (REFER TO CIVIL DWGS.)
- XERISCAPING AREAS (REFER TO CIVIL DWGS.)
- PARKING STRIPING
- A.D. AREA DRAIN
- P.D. PLANTER DRAIN
- HOSE BIB
- P.P. POWER POLE
- WM WATER METER
- S\_S SEWER LINE

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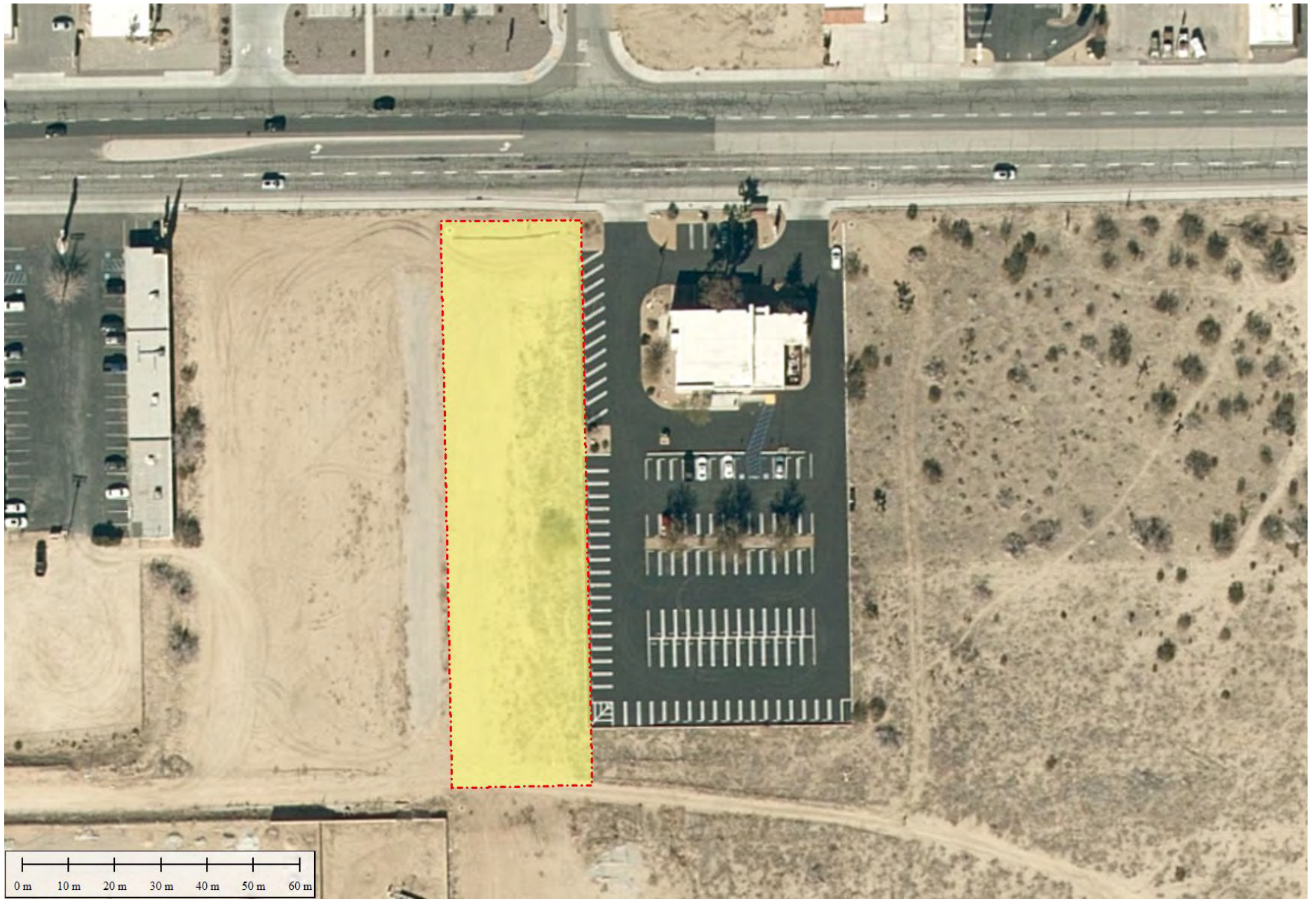
Issue Dates	
Issue	Date

SHEET TITLE

**SITE PLAN**

DATE: 09-01-22  
SHEET NUMBER

**A 101**



**Figure 4**  
Habitat Map  
56695 Twentynine Palms Highway  
Yucca Valley, San Bernardino County, California

**Legend**



Property Boundary



Ruderal Habitat (0.92 Acre)



N



Hernandez  
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Services





**Figure 5**

Impacts Map

56695 Twentynine Palms Highway

Yucca Valley, San Bernardino County, California

**Legend**

-  Property Boundary
-  Impacts to Ruderal Habitat (0.32 Acre)

**N**  
  
 Hernandez  
 Environmental  
 Services

# **APPENDIX A**

## Observed Species List

### Plant List

<b>Scientific Name</b>	<b>Common Name</b>
<i>Ambrosia</i> sp.	Ragweed
<i>Croton californicus</i>	California croton
<i>Eriogonum wrightii</i>	Wright's buckwheat
<i>Erodium cicutarium</i>	Red stem filaree
<i>Hirschfeldia incana</i>	Shortpod mustard
<i>Larrea tridentata</i>	Creosote
<i>Oenothera deltooides</i>	Birdcage evening primrose
<i>Parkinsonia florida</i>	Palo verde
<i>Salsola tragus</i>	Tumbleweed

**Wildlife List**

**Scientific Name**

**Common Name**

*Auriparus flaviceps*

Verdin

*Corvus corax*

Common raven

## **APPENDIX B**

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	Dicots	None	None	1B.1	Chaparral   Coastal scrub   Desert dunes	Chaparral, coastal scrub, desert dunes.	Sandy areas. -60-1570 m.	No suitable habitat occurs on site. No desert dunes or native habitat occur on site. <b>This species is not present.</b>
<i>Astragalus bernardinus</i>	San Bernardino milk-vetch	Dicots	None	None	1B.2	Joshua tree woodland   Limestone   Pinon & juniper woodlands	Joshua tree woodland, pinyon and juniper woodland.	Granitic or carbonate substrates. 290-2290 m.	No suitable habitat occurs on site. No woodlands occur on site. <b>This species is not present.</b>
<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	Coachella Valley milk-vetch	Dicots	Endangered	None	1B.2	Desert dunes   Sonoran desert scrub	Sonoran desert scrub, desert dunes.	Sandy flats, washes, outwash fans, sometimes on dunes. 35-695 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>



Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Astragalus tricarinatus	triple-ribbed milk-vetch	Dicots	Endangered	None	1B.2	Desert wash   Joshua tree woodland   Sonoran desert scrub	Joshua tree woodland, Sonoran desert scrub.	Hot, rocky slopes in canyons and along edge of boulder-strewn desert washes, with Larrea and Encelia. 455-1585 m.	The project site is flat and dominated by non native species. No suitable habitat occurs on site. <b>This species is not present.</b>
Berberis fremontii	Fremont barberry	Dicots	None	None	2B.3	Joshua tree woodland   Pinon & juniper woodlands	Pinyon and juniper woodland, Joshua tree woodland.	Rocky, sometimes granitic. 1140-1770 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Boechera dispar	pinyon rockcress	Dicots	None	None	2B.3	Joshua tree woodland   Mojavean desert scrub   Pinon & juniper woodlands	Joshua tree woodland, pinyon and juniper woodland, Mojavean desert scrub.	Granitic, gravelly slopes and mesas. Often under desert shrubs which support it as it grows. 1005-2805 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>
Boechera lincolnensis	Lincoln rockcress	Dicots	None	None	2B.3	Chenopod scrub   Limestone   Mojavean desert scrub	Chenopod scrub, Mojavean desert scrub.	On limestone. 880-2410 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
Boechera shockleyi	Shockley's rockcress	Dicots	None	None	2B.2	Limestone   Pinon & juniper woodlands	Pinyon and juniper woodland.	On ridges, rocky outcrops and openings on limestone or quartzite. 875-2515 m.	No suitable habitat occurs on site. No woodlands occur on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Calochortus palmeri var. palmeri	Palmer's mariposa-lily	Monocots	None	None	1B.2	Chaparral   Lower montane coniferous forest   Meadow & seep	Meadows and seeps, chaparral, lower montane coniferous forest.	Vernally moist places in yellow-pine forest, chaparral. 195-2530 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
Chorizanthe xanti var. leucotheca	white-bracted spineflower	Dicots	None	None	1B.2	Coastal scrub   Mojavean desert scrub   Pinon & juniper woodlands	Mojavean desert scrub, pinyon and juniper woodland, coastal scrub (alluvial fans).	Sandy or gravelly places. 365-1830 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	Riparian	None	None		Riparian woodland			<b>Not present.</b>
Dodecahema leptoceras	slender-horned spineflower	Dicots	Endangered	Endangered	1B.1	Chaparral   Cismontane woodland   Coastal scrub	Chaparral, cismontane woodland, coastal scrub (alluvial fan sage scrub).	Flood deposited terraces and washes; associates include Encelia, Dalea, Lepidospartum, etc. Sandy soils. 200-765 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Eremothera boothii ssp. boothii	Booth's evening-primrose	Dicots	None	None	2B.3	Joshua tree woodland   Pinon & juniper woodlands	Joshua tree woodland, pinyon and juniper woodland.	285-2290 m.	No suitable habitat occurs on site. No woodlands occur on site. <b>This species is not present.</b>
Eriastrum harwoodii	Harwood's eriastrum	Dicots	None	None	1B.2	Desert dunes	Desert dunes.	Sandy soils. 15-1100m.	No suitable habitat occurs on site. No desert dunes occur on site. <b>This species is not present.</b>
Erigeron parishii	Parish's daisy	Dicots	Threatened	None	1B.1	Limestone   Mojavean desert scrub   Pinon & juniper woodlands	Mojavean desert scrub, pinyon and juniper woodland.	Often on carbonate; limestone mountain slopes; often associated with drainages. Sometimes on granite. 1050-2245 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Euphorbia arizonica	Arizona spurge	Dicots	None	None	2B.3	Sonoran desert scrub	Sonoran desert scrub.	Sandy soils. 150-900 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>
Euphorbia misera	cliff spurge	Dicots	None	None	2B.2	Coastal bluff scrub   Coastal scrub   Mojavean desert scrub	Coastal bluff scrub, coastal scrub, Mojavean desert scrub.	Rocky sites. 3-430 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>
Grusonia parishii	Parish's club-cholla	Dicots	None	None	2B.2	Joshua tree woodland   Mojavean desert scrub   Sonoran desert scrub	Mojavean desert scrub, Sonoran desert scrub, Joshua tree woodland.	Sandy or rocky sites. 840-1600 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Linanthus bernardinus	Pioneertown linanthus	Dicots	None	None	1B.2	Joshua tree woodland   Pinon & juniper woodlands	Joshua tree woodland, pinyon and juniper woodland.	1120-1345 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>
Linanthus maculatus ssp. maculatus	Little San Bernardino Mtns. linanthus	Dicots	None	None	1B.2	Desert dunes   Desert wash   Joshua tree woodland   Mojavean desert scrub   Sonoran desert scrub	Desert dunes, Sonoran desert scrub, Mojavean desert scrub, Joshua tree woodland.	Sandy places. Usually in light-colored quartz sand; often in wash or bajada. 135-1220 m.	No suitable habitat occurs on site. No native habitats or desert dunes occur on site. <b>This species is not present.</b>
Mentzelia tricuspis	spiny-hair blazing star	Dicots	None	None	2B.1	Mojavean desert scrub	Mojavean desert scrub.	Sandy or gravelly slopes and washes. 150-1280 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
Mesquite Bosque	Mesquite Bosque	Riparian	None	None		Riparian forest			<b>Not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Mojave Riparian Forest	Mojave Riparian Forest	Riparian	None	None		Riparian forest			<b>Not present.</b>
Monardella robisonii	Robison's monardella	Dicots	None	None	1B.3	Pinon & juniper woodlands	Pinyon and juniper woodland.	Rocky desert slopes, often among granitic boulders. 610-1615 m.	No suitable habitat occurs on site. No woodlands occur on site. <b>This species is not present.</b>
Nemacaulis denudata var. gracilis	slender cottonheads	Dicots	None	None	2B.2	Coastal dunes   Desert dunes   Sonoran desert scrub	Coastal dunes, desert dunes, Sonoran desert scrub.	In dunes or sand. -45-745 m.	The project site is out of the elevation range for this species. No suitable habitat for this species occurs on site. <b>This species is not present.</b>
Petalonyx linearis	narrow-leaf sandpaper-plant	Dicots	None	None	2B.3	Mojavean desert scrub   Sonoran desert scrub	Mojavean desert scrub, Sonoran desert scrub.	Sandy or rocky canyons. -30-1090 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Saltugilia latimeri</i>	Latimer's woodland-gilia	Dicots	None	None	1B.2	Chaparral   Limestone   Mojavean desert scrub   Pinon & juniper woodlands	Chaparral, Mojavean desert scrub, pinyon and juniper woodland.	Rocky or sandy substrate; sometimes in washes, sometimes limestone. 120-2200 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
<i>Selaginella eremophila</i>	desert spike-moss	Ferns	None	None	2B.2	Chaparral   Sonoran desert scrub	Sonoran desert scrub, chaparral.	Shaded sites, gravelly soils; crevices or among rocks. 225-1570 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>
<i>Streptanthus campestris</i>	southern jewelflower	Dicots	None	None	1B.3	Chaparral   Lower montane coniferous forest   Pinon & juniper woodlands	Chaparral, lower montane coniferous forest, pinyon and juniper woodland.	Open, rocky areas. 605-2590 m.	No suitable habitat occurs on site. No native habitats occur on site. <b>This species is not present.</b>



Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Accipiter cooperii	Cooper's hawk	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Cismontane woodland   Riparian forest   Riparian woodland   Upper montane coniferous forest	Woodland, chiefly of open, interrupted or marginal type.	Nest sites mainly in riparian growths of deciduous trees, as in canyon bottoms on river flood-plains; also, live oaks.	No suitable habitat occurs on site. <b>This species is not present.</b>
Anniella stebbinsi	Southern California legless lizard	Reptiles	None	None	CDFW_SSC-Species of Special Concern   USFS_S-Sensitive	Broadleaved upland forest   Chaparral   Coastal dunes   Coastal scrub	Generally south of the Transverse Range, extending to northwestern Baja California. Occurs in sandy or loose loamy soils under sparse vegetation. Disjunct populations in the Tehachapi and Piute Mountains in Kern County.	Variety of habitats; generally in moist, loose soil. They prefer soils with a high moisture content.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Antrozous pallidus	pallid bat	Mammals	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFS_S-Sensitive	Chaparral   Coastal scrub   Desert wash   Great Basin grassland   Great Basin scrub   Mojavean desert scrub   Riparian woodland   Sonoran desert scrub   Upper montane coniferous forest   Valley & foothill grassland	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting.	Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Aquila chrysaetos	golden eagle	Birds	None	None	BLM_S-Sensitive   CDF_S-Sensitive   CDFW_FP-Fully Protected   CDFW_WL-Watch List   IUCN_LC-Least Concern	Broadleaved upland forest   Cismontane woodland   Coastal prairie   Great Basin grassland   Great Basin scrub   Lower montane coniferous forest   Pinon & juniper woodlands   Upper montane coniferous forest   Valley & foothill grassland	Rolling foothills, mountain areas, sage-juniper flats, and desert.	Cliff-walled canyons provide nesting habitat in most parts of range; also, large trees in open areas.	No suitable habitat occurs on site. <b>This species is not present.</b>
Asio otus	long-eared owl	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFWS_BCC-Birds of Conservation Concern	Cismontane woodland   Great Basin scrub   Riparian forest   Riparian woodland   Upper montane coniferous forest	Riparian bottomlands grown to tall willows and cottonwoods; also, belts of live oak paralleling stream courses.	Require adjacent open land, productive of mice and the presence of old nests of crows, hawks, or magpies for breeding.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Athene cunicularia	burrowing owl	Birds	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFWS_BCC-Birds of Conservation Concern	Coastal prairie   Coastal scrub   Great Basin grassland   Great Basin scrub   Mojavean desert scrub   Sonoran desert scrub   Valley & foothill grassland	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.	No suitable habitat occurs on site. <b>This species is not present.</b>
Bombus crotchii	Crotch bumble bee	Insects	None	Candidate Endangered	IUCN_EN-Endangered		Coastal California east to the Sierra-Cascade crest and south into Mexico.	Food plant genera include Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum.	No suitable habitat occurs on site. <b>This species is not present.</b>
Chaetodipus fallax pallidus	pallid San Diego pocket mouse	Mammals	None	None	CDFW_SSC-Species of Special Concern	Desert wash   Pinon & juniper woodlands   Sonoran desert scrub	Desert border areas in eastern San Diego County in desert wash, desert scrub, desert succulent scrub, pinyon-juniper, etc.	Sandy, herbaceous areas, usually in association with rocks or coarse gravel.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Corynorhinus townsendii	Townsend's big-eared bat	Mammals	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFS_S-Sensitive	Broadleaved upland forest   Chaparral   Chenopod scrub   Great Basin grassland   Great Basin scrub   Joshua tree woodland   Lower montane coniferous forest   Meadow & seep   Mojavean desert scrub   Riparian forest   Riparian woodland   Sonoran desert scru	Throughout California in a wide variety of habitats. Most common in mesic sites.	Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	No suitable habitat occurs on site. <b>This species is not present.</b>
Crotalus ruber	red-diamond rattlesnake	Reptiles	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFS_S-Sensitive	Chaparral   Mojavean desert scrub   Sonoran desert scrub	Chaparral, woodland, grassland, and desert areas from coastal San Diego County to the eastern slopes of the mountains.	Occurs in rocky areas and dense vegetation. Needs rodent burrows, cracks in rocks or surface cover objects.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Eremarionta morongoana	Morongo (=Colorado) desertsnaill	Mollusks	None	None	IUCN_NT-Near Threatened	Mojavean desert scrub	Found in the eastern San Bernardino Mountains, the Little San Bernardino Mountains, and Mecca Hills along the the edge of the Coachella Valley and southern Mojave Desert.	Occur in rockslides with deep talus surrounded by desert scrub, or under beds of fallen palm fronds where tumbled rocks are present at palm oases.	No suitable habitat occurs on site. <b>This species is not present.</b>
Falco mexicanus	prairie falcon	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Great Basin grassland   Great Basin scrub   Mojavean desert scrub   Sonoran desert scrub   Valley & foothill grassland	Inhabits dry, open terrain, either level or hilly.	Breeding sites located on cliffs. Forages far afield, even to marshlands and ocean shores.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Gopherus agassizii	desert tortoise	Reptiles	Threatened	Threatened	IUCN_CR-Critically Endangered	Joshua tree woodland   Mojavean desert scrub   Sonoran desert scrub	Most common in desert scrub, desert wash, and Joshua tree habitats; occurs in almost every desert habitat.	Require friable soil for burrow and nest construction. Creosote bush habitat with large annual wildflower blooms preferred.	No suitable habitat occurs on site. <b>This species is not present.</b>
Icteria virens	yellow-breasted chat	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Riparian forest   Riparian scrub   Riparian woodland	Summer resident; inhabits riparian thickets of willow and other brushy tangles near watercourses.	Nests in low, dense riparian, consisting of willow, blackberry, wild grape; forages and nests within 10 ft of ground.	No suitable habitat occurs on site. <b>This species is not present.</b>
Lasiurus cinereus	hoary bat	Mammals	None	None	IUCN_LC-Least Concern	Broadleaved upland forest   Cismontane woodland   Lower montane coniferous forest   North coast coniferous forest	Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding.	Roosts in dense foliage of medium to large trees. Feeds primarily on moths. Requires water.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Lasiurus xanthinus	western yellow bat	Mammals	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Desert wash	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats.	Roosts in trees, particularly palms. Forages over water and among trees.	No suitable habitat occurs on site. <b>This species is not present.</b>
Myiarchus tyrannulus	brown-crested flycatcher	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Riparian forest   Riparian woodland	Inhabits desert riparian areas along the Colorado River, as well as other desert oases and riparian areas NW to Victorville.	Requires riparian thickets, trees, snags, and shrubs for foraging perches, nesting cavities, and cover.	No suitable habitat occurs on site. <b>This species is not present.</b>
Neotoma lepida intermedia	San Diego desert woodrat	Mammals	None	None	CDFW_SSC-Species of Special Concern	Coastal scrub	Coastal scrub of Southern California from San Diego County to San Luis Obispo County.	Moderate to dense canopies preferred. They are particularly abundant in rock outcrops, rocky cliffs, and slopes.	No suitable habitat occurs on site. <b>This species is not present.</b>



Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Ovis canadensis nelsoni	desert bighorn sheep	Mammals	None	None	BLM_S-Sensitive   CDFW_FP-Fully Protected   USFS_S-Sensitive	Alpine   Alpine dwarf scrub   Chaparral   Chenopod scrub   Great Basin scrub   Mojavean desert scrub   Montane dwarf scrub   Pinon & juniper woodlands   Riparian woodland   Sonoran desert scrub	Widely distributed from the White Mtns in Mono Co. to the Chocolate Mts in Imperial Co.	Open, rocky, steep areas with available water and herbaceous forage.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Ovis canadensis nelsoni</i> pop. 2	Peninsular bighorn sheep DPS	Mammals	Endangered	Threatened	CDFW_FP-Fully Protected	Alpine   Alpine dwarf scrub   Chaparral   Chenopod scrub   Great Basin scrub   Mojavean desert scrub   Montane dwarf scrub   Pinon & juniper woodlands   Riparian woodland   Sonoran desert scrub	Eastern slopes of the Peninsular Ranges below 4,600 ft elevation. This DPS of the subspecies inhabits the Peninsular Ranges in southern California from the San Jacinto Mountains south to the US-Mexico International Border.	Optimal habitat includes steep walled canyons and ridges bisected by rocky or sandy washes, with available water.	No suitable habitat occurs on site. <b>This species is not present.</b>
<i>Paranomada californica</i>	California cuckoo bee	Insects	None	None					No suitable habitat occurs on site. <b>This species is not present.</b>
<i>Parnopes borregoensis</i>	Borrego parnopes cuckoo wasp	Insects	None	None			Known from San Diego, San Bernardino, and Inyo counties.		No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Perognathus longimembris bangsi	Palm Springs pocket mouse	Mammals	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern	Desert wash   Sonoran desert scrub	Desert riparian, desert scrub, desert wash and sagebrush habitats. Most common in creosote-dominated desert scrub.	Rarely found on rocky sites. Occurs in all canopy coverage classes.	No suitable habitat occurs on site. <b>This species is not present.</b>
Phrynosoma blainvillii	coast horned lizard	Reptiles	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Chaparral   Cismontane woodland   Coastal bluff scrub   Coastal scrub   Desert wash   Pinon & juniper woodlands   Riparian scrub   Riparian woodland   Valley & foothill grassland	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes.	Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Phrynosoma mcallii	flat-tailed horned lizard	Reptiles	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_NT-Near Threatened	Desert dunes   Mojavean desert scrub   Sonoran desert scrub	Restricted to desert washes and desert flats in central Riverside, eastern San Diego, and Imperial counties.	Critical habitat element is fine sand, into which lizards burrow to avoid temperature extremes; requires vegetative cover and ants.	No suitable habitat occurs on site. <b>This species is not present.</b>
Piranga rubra	summer tanager	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Riparian forest	Summer resident of desert riparian along lower Colorado River, and locally elsewhere in California deserts.	Requires cottonwood-willow riparian for nesting and foraging; prefers older, dense stands along streams.	No suitable habitat occurs on site. <b>This species is not present.</b>
Pyrocephalus rubinus	vermillion flycatcher	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Marsh & swamp   Riparian forest   Riparian scrub   Riparian woodland   Wetland	During nesting, inhabits desert riparian adjacent to irrigated fields, irrigation ditches, pastures, and other open, mesic areas.	Nest in cottonwood, willow, mesquite, and other large desert riparian trees.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Setophaga petechia	yellow warbler	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Riparian forest   Riparian scrub   Riparian woodland	Riparian plant associations in close proximity to water. Also nests in montane shrubbery in open conifer forests in Cascades and Sierra Nevada.	Frequently found nesting and foraging in willow shrubs and thickets, and in other riparian plants including cottonwoods, sycamores, ash, and alders.	No suitable habitat occurs on site. <b>This species is not present.</b>
Stenopelmatus cahuilaensis	Coachella Valley jerusalem cricket	Insects	None	None	IUCN_VU-Vulnerable	Desert dunes	Inhabits a small segment of the sand and dune areas of the Coachella Valley, in the vicinity of Palm Springs.	Found in the large, undulating dunes piled up at the north base of Mt San Jacinto.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Taxidea taxus	American badger	Mammals	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Alkali marsh   Alkali playa   Alpine   Alpine dwarf scrub   Bog & fen   Brackish marsh   Broadleaved upland forest   Chaparral   Chenopod scrub   Cismontane woodland   Closed-cone coniferous forest   Coastal bluff scrub   Coastal dunes   Coastal prairie	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.	Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	No suitable habitat occurs on site. <b>This species is not present.</b>
Toxostoma lecontei	Le Conte's thrasher	Birds	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   NABCI_RWL-Red Watch List   USFWS_BCC-Birds of Conservation Concern	Desert wash   Mojavean desert scrub   Sonoran desert scrub	Desert resident; primarily of open desert wash, desert scrub, alkali desert scrub, and desert succulent scrub habitats.	Commonly nests in a dense, spiny shrub or densely branched cactus in desert wash habitat, usually 2-8 feet above ground.	No suitable habitat occurs on site. <b>This species is not present.</b>

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Uma inornata	Coachella Valley fringe-toed lizard	Reptiles	Threatened	Endangered	IUCN_EN-Endangered	Desert dunes   Desert wash	Limited to sandy areas in the Coachella Valley, Riverside County.	Requires fine, loose, windblown sand (for burrowing), interspersed with hardpan and widely-spaced desert shrubs.	No suitable habitat occurs on site. <b>This species is not present.</b>
Vireo bellii pusillus	least Bell's vireo	Birds	Endangered	Endangered	NABCI_YWL-Yellow Watch List	Riparian forest   Riparian scrub   Riparian woodland	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2000 ft.	Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis, mesquite.	No suitable habitat occurs on site. <b>This species is not present.</b>
Xerospermophilus tereticaudus chlorus	Palm Springs round-tailed ground squirrel	Mammals	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern	Chenopod scrub   Sonoran desert scrub	Restricted to the Coachella Valley. Prefers desert succulent scrub, desert wash, desert scrub, alkali scrub, and levees.	Prefers open, flat, grassy areas in fine-textured, sandy soil. Density correlated with winter rainfall.	No suitable habitat occurs on site. <b>This species is not present.</b>

## **APPENDIX C**





View of Twenty-Nine Palms Highway adjacent to the northern border of the project site.



View of the project site from the northern border facing south.



View of the project site and the bordering visitor center from the southern border of the site facing north.