

GENERAL BIOLOGICAL ASSESSMENT FOR APN 0605-051-01

SAN BERNARDINO COUNTY, CALIFORNIA

Prepared for:

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Submitted to:

**County of San Bernardino
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San Bernardino, California 92415**

Prepared by:

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Hernandez Environmental Services
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August 4, 2025



BFSA Environmental Services
A Perennial Company



**GENERAL BIOLOGICAL ASSESSMENT
FOR
APN 0605-051-01**

**SAN BERNARDINO COUNTY
CALIFORNIA**

Prepared for:

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JULY 2025

TABLE OF CONTENTS

| | | |
|------------|---|-----------|
| 1.0 | Introduction | 4 |
| 1.1 | Project Site Location..... | 4 |
| 1.2 | Project Description..... | 4 |
| 2.0 | Methodology | 4 |
| 2.1 | Literature Review..... | 4 |
| 2.2 | Field Survey..... | 4 |
| 3.0 | Existing Conditions and Results | 5 |
| 3.1 | Environmental Setting..... | 5 |
| 3.2 | Plant and Habitat Communities..... | 5 |
| 3.3 | Wildlife..... | 5 |
| 3.4 | Regional Connectivity/Wildlife Movement..... | 5 |
| 3.5 | Sensitive Biological Resources..... | 6 |
| 3.5.1 | Sensitive Plant Resources..... | 6 |
| 3.5.2 | Sensitive Animal Resources..... | 7 |
| 3.6 | Critical Habitat..... | 8 |
| 3.7 | Nesting Birds..... | 8 |
| 3.8 | Jurisdictional Waters..... | 8 |
| 4.0 | Project Impacts | 9 |
| 4.1 | Impacts to Habitats..... | 9 |
| 4.2 | Impacts to Sensitive Species..... | 9 |
| 4.3 | Impacts to Nesting Birds..... | 10 |
| 4.4 | Impacts to Critical Habitat..... | 10 |
| 4.5 | Impacts to Wildlife Movement Corridors..... | 10 |
| 4.6 | Conflict with Local Policies or Ordinances Protecting Biological Resources..... | 10 |
| 4.8 | State and Federal Drainages..... | 11 |
| 5.0 | Recommendations | 11 |
| 6.0 | Certification | 13 |
| 7.0 | References | 14 |

FIGURES

Figure 1 – Location Map

Figure 2 – Vicinity Map

Figure 3 – Project Plans

Figure 4 – Habitat Map

Figure 5 – Impact Map

APPENDICES

Appendix A – Observed Species List

Appendix B – Potential Species List

Appendix C – Site Photographs

1.0 Introduction

Hernandez Environmental Services (HES) was contracted by Brian F. Smith and Associates to prepare a General Biological Assessment (GBA) for an approximately 81.2-acre project site in the unincorporated community of Joshua Tree, San Bernardino County, California. The project site consists of Assessor's Parcel Number (APN) 0605-051-01.

1.1 Project Site Location

The project site is located at the southeast corner of Broadway Street and Laferney Avenue. Specifically, the project site is located within Section 20, Township 1 north and Range 7 east, in the *Joshua Tree North* United States Geological Survey (USGS) 7.5' topographic quadrangle. The center point latitude and longitude for the project site are 34.16253628° North, 116.26901863° West (Figures 1 and 2).

1.2 Project Description

The proposed project includes the subdivision of the site into 29 residential lots and the extension of Delaware Ave, California Ave, and Arizona Ave on site. The proposed project includes associated parking, landscaping, access roads, and utilities. (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. The *Joshua Tree North* and eight surrounding USGS 7.5' topographic quadrangles were 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 July 16, 2025, HES conducted a field survey of the project site. The ambient temperature at 11:30 A.M. was 90-93 degrees Fahrenheit, sunny, with winds ranging from zero to eleven miles per hour from the northeast. 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 vacant land with creosote bush scrub habitat and some disturbed areas with sparse nonnative vegetation. The site is bordered by residential development to the east and west and vacant land to the north and south. There is a shallow wash that crosses the site from the northeast to southwest. The site is relatively flat with onsite elevations ranging from 2,473 feet above mean sea-level (AMSL) to 2,523 feet AMSL.

3.2 Plant and Habitat Communities

The 81.2-acre project site has two habitats, 79.91 acres of creosote bush scrub and 1.29 acres of disturbed habitat (Figure 4).

Creosote bush scrub

The project site has 79.91 acres of creosote bush scrub habitat on site. The dominant plant species on site is creosote (*Larrea tridentata*). Other plant species found on site include white bursage (*Ambrosia dumosa*), silver cholla (*Cylindropuntia echinocarpa*), beavertail (*Opuntia basilaris*), big galleta (*Hilaria rigida*), and sparse Joshua trees (*Yucca brevifolia*).

Disturbed

The project site has 1.29 acres of disturbed habitat on site. This habitat consists of graded dirt roads with no vegetation.

3.3 Wildlife

General wildlife species documented on the project site or within the vicinity of the site include the desert iguana (*Dipsosaurus dorsalis*), western whiptail (*Cnemidophorus tigris*), cactus wren (*Campylorhynchus brunneicapillus*), and American kestrel (*Falco sparverius*).

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 vacant land with a braided ephemeral channel that crosses the site. The channel on site leads to fenced residential development to the southwest of the site and would not function as a wildlife corridor. The site is bordered by vacant land but there is scattered residential development to the south, west and east that separate the site from other open deserts. Furthermore, there is vacant land to the east of the site that can continue to be used. No wildlife movement corridors were found to be present on the project site. Development of the site will not block any wildlife corridors or prevent species from moving between wildlife habitat zones.

3.5 Sensitive Biological Resources

According to the CNDDDB, a total of 19 sensitive species of plants and 23 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 3 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:

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 habitats 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* sp. and *Encelia* sp. No slopes or canyons occur on site. 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. The project site is below the elevation range for this species. No habitat for this species exists on the project site. **This species is not present.**

Western Joshua tree

Western Joshua tree (*Yucca brevifolia*) is listed as a Candidate Species under the California Endangered Species Act (CESA), which requires authorization from CDFW for any take of the species (including removal of western Joshua tree or similar actions). This species is generally found at moderate elevations in the Mojave Desert between creosote bush scrub and pinyon-juniper woodlands. Suitable habitat is present on the project site. **This species is present.**

3.5.2 Sensitive Animal Resources

A total of 3 animal species are listed as state and/or federal Threatened, Endangered, Candidate will be reviewed in this section. Sensitive species with a potential to occur on site will also be reviewed in this section. 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. There are occurrences of this species recorded on CNDDDB within 2 miles of the site. **This species has the potential to be 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*. The food plant genera of this species is not found on site. 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. There are occurrences of this species recorded on CNDDDB within 5 miles of the site. Suitable habitat occurs on site. **This species has the potential to be present.**

Bendire's Thrasher

Bendire's thrasher (*Toxostoma bendirei*) is a CDFW Species of Special Concern. This species is a migratory; local spring/summer resident in flat areas of desert succulent shrub/ Joshua tree habitats in Mojave Desert. It nests in *Cholla* sp., *Yucca* sp., *Palo verde*, thorny shrubs or small trees usually 0.5 to 20 feet above the ground. Suitable habitat occurs on site. **This species has the potential to be present.**

Le Conte's Thrasher

Le Conte's Thrasher (*Toxostoma lecontei*) is a CDFW Species of Special Concern. This species is a desert resident. This species habitats include open desert wash, desert scrub, alkali desert scrub, and desert succulent scrub habitat. Suitable habitat for this species occurs on site. **This species has potential to be 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 contains one braided ephemeral channel that crosses the site from the northeast to the southwest. The ephemeral braided channel that is potential CDFW and Regional Water Quality Control Board (RWQCB) jurisdictional waters. The onsite drainage leads to a dirt road

and has no visible physical surface connection to any federal jurisdictional waters. No wetlands occur on site.

4.0 Project Impacts

Impacts to Habitats

The proposed project is expected to impact the entire 81.2-acre site. Implementation of the proposed project will impact approximately 79.91 acres of creosote bush scrub and 1.29 acres of disturbed habitat (Figure 5).

4.2 Impacts to Sensitive Species

Western Joshua tree

The Western Joshua tree is a state listed Candidate Endangered species. This species is protected under the Western Joshua Tree Conservation Act and the California Endangered Species Act (CESA), which prohibits the take of any species of wildlife designated by the California Fish and Game Commission as endangered, threatened, or candidate species. Three individual Joshua trees were found during the general biological assessment. Implementation of the measures outlined in the Recommendations section of this report will ensure impacts to this species are less than significant.

Desert tortoise

Desert tortoise 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. Suitable habitat occurs on site. Implementation of the measures outlined in the Recommendations section of this report will ensure impacts to this species are less than significant.

Bendire's Thrasher

Bendire's thrasher is a CDFW Species of Special Concern. This species a migratory; local spring/summer resident in flat areas of desert succulent shrub/ Joshua tree habitats in Mojave Desert. It nests in *Cholla* sp., *Yucca* sp., *Palo verde*, thorny shrubs or small trees usually 0.5 to 20 feet above the ground. Suitable habitat occurs on site. Implementation of the measures outlined for nesting birds in the Recommendations section of this report will ensure impacts to this species are less than significant.

Le Conte's Thrasher

Le Conte's Thrasher is a CDFW Species of Special Concern. This species is a desert resident. This species habitats include open desert wash, desert scrub, alakli desert scrub, and desert succulent scrub habitat. Suitable habitat for this species occurs on site. Implementation of the measures outlined for nesting birds in the Recommendations section of this report will ensure impacts to this species are less than significant.

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

The San Bernardino County Development Code Section 88.01.060 provides regulations for the removal or harvesting of specified desert native plants in order to preserve and protect the plants and to provide for the conservation and wise use of desert resources. Per Section 88.01.060 of the San Bernardino County Development Code the following desert native plants or any part of them, except the fruit shall not be removed except under a Tree or Plant Removal Permit:

(1) The following desert native plants with stems two inches or greater in diameter or six feet or greater in height:

(A) *Dalea spinosa* (smoketree).

(B) All species of the genus *Prosopis* (mesquites).

(2) All species of the family Agavaceae (century plants, nolinias, yuccas).

(3) Creosote Rings, ten feet or greater in diameter.

(4) All Joshua trees.

(5) Any part of any of the following species, whether living or dead:

- (A) *Olneya tesota* (desert ironwood).
- (B) All species of the genus *Prosopis* (mesquites).
- (C) All species of the genus *Cercidium* (palos verdes).

Three Joshua trees are located on or adjacent to the project site. No other desert native plants regulated under Section 88.01.060 of the San Bernardino Development Code are present on the site. Section 88.01 requires the issuance of a permit prior to the removal of regulated trees and plants. Implementation of the measure outlined in the Recommendations section of this report would ensure that no conflicts with local policies or ordinances are expected.

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 proposed project is expected to impact the entire site including the state jurisdictional drainage on site. A jurisdictional delineation will need to be performed to determine the extent of state waters on site. CDFW and RWQCB jurisdictional waters, are regulated by state, and local governments under a no-net-loss policy, and all impacts are considered significant and should be avoided to the greatest extent possible. Impacts to jurisdictional waters require mitigation through habitat creation, restoration, or enhancement as determined by consultation with the regulatory agencies during the permitting process. Any impacts to CDFW jurisdiction would require a Section 1602 Streambed Alteration Agreement from CDFW. Any impacts to waters of the State would require a WDR under Porter-Cologne from the RWQCB. Mitigation for impacts to jurisdictional resources would be addressed in a mitigation plan to be submitted for approval with the permit application packages.

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.

Western Joshua tree

- Three Joshua trees were found on site during the general biological assessment survey. A focused Western Joshua Tree census survey would need to be performed to ensure no other Joshua trees occur on site.

- Any impacts to the Joshua tree would require compliance with the Western Joshua Tree Conservation Act (WJTCA) which was passed in July 2023 to conserve western Joshua tree and its habitat while supporting the state's renewable energy and housing priorities. The WJTCA authorizes CDFW to:
 - Permit the trimming and removal of hazardous or dead western Joshua trees.
 - Permit the incidental take of western Joshua trees under CESA provided the permittee meets certain conditions.
- Any proposed impacts to the Joshua trees on site would require prior authorization from CDFW.
- Removal of onsite Joshua trees would be required to comply with Section 88.01 of the San Bernardino Development Code, which requires the issuance of a permit prior to the removal of regulated trees and plants.

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 occurs 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 songbird nests and a 500-foot buffer shall be fenced around raptor nests.

Wildlife

- Focused presence absence surveys for desert tortoise should be performed onsite.
- Focused burrowing owl surveys following the guidelines in Appendix D of the 2012 Department of Fish and Game *Staff Report on Burrowing Owl Mitigation* should be performed on site by a qualified biologist.

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 07/29/2025

Signed _____

Principal Biologist

Fieldwork Performed By:

Sarah Vasquez

Biologist/Project Manager

7.0 References

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FIGURE 1

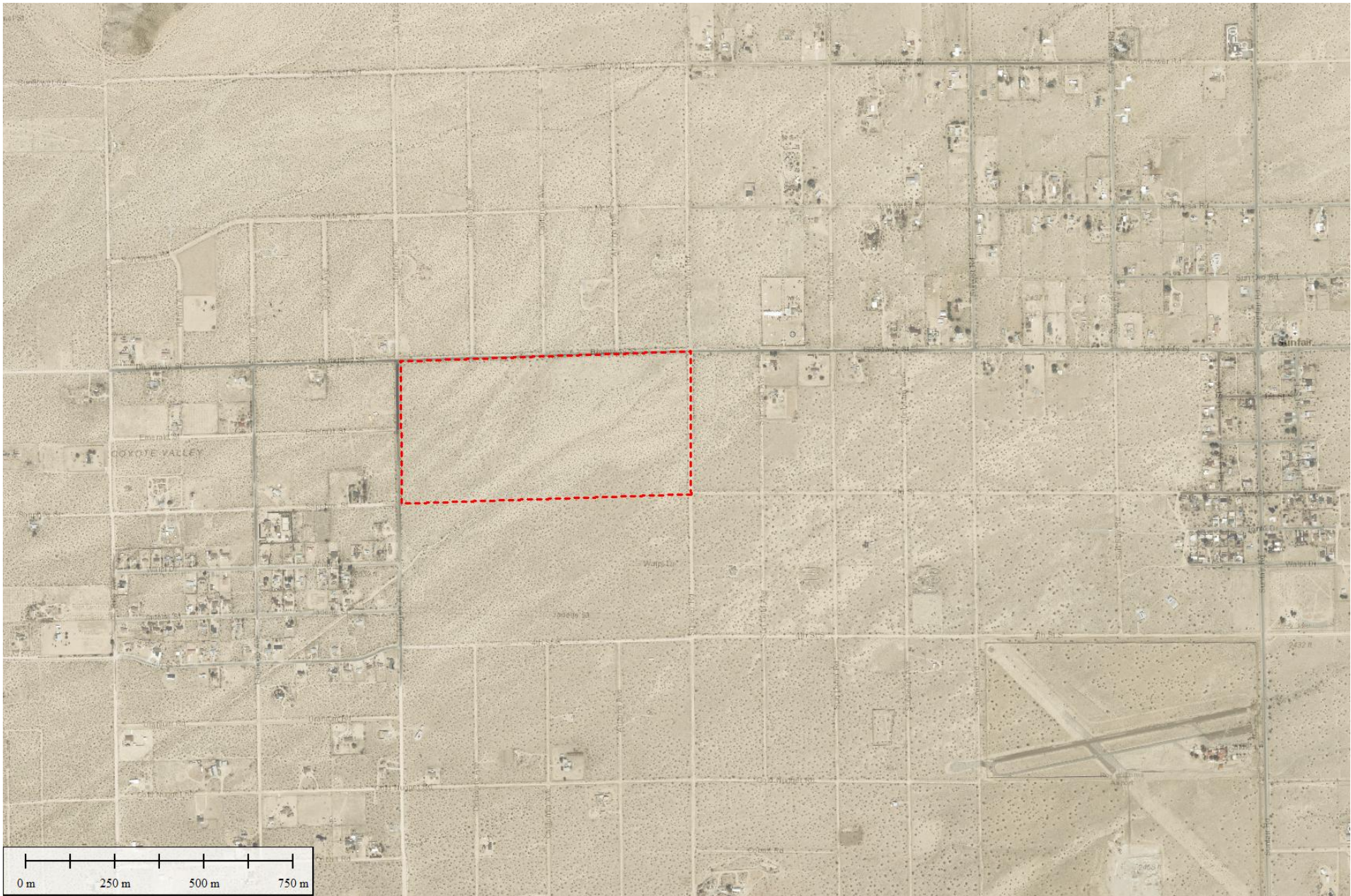


Figure 1
Location Map
Joshua Tree Estates
APN 0605-051-01
San Bernardino County, California

Legend

 Property Line



FIGURE 2

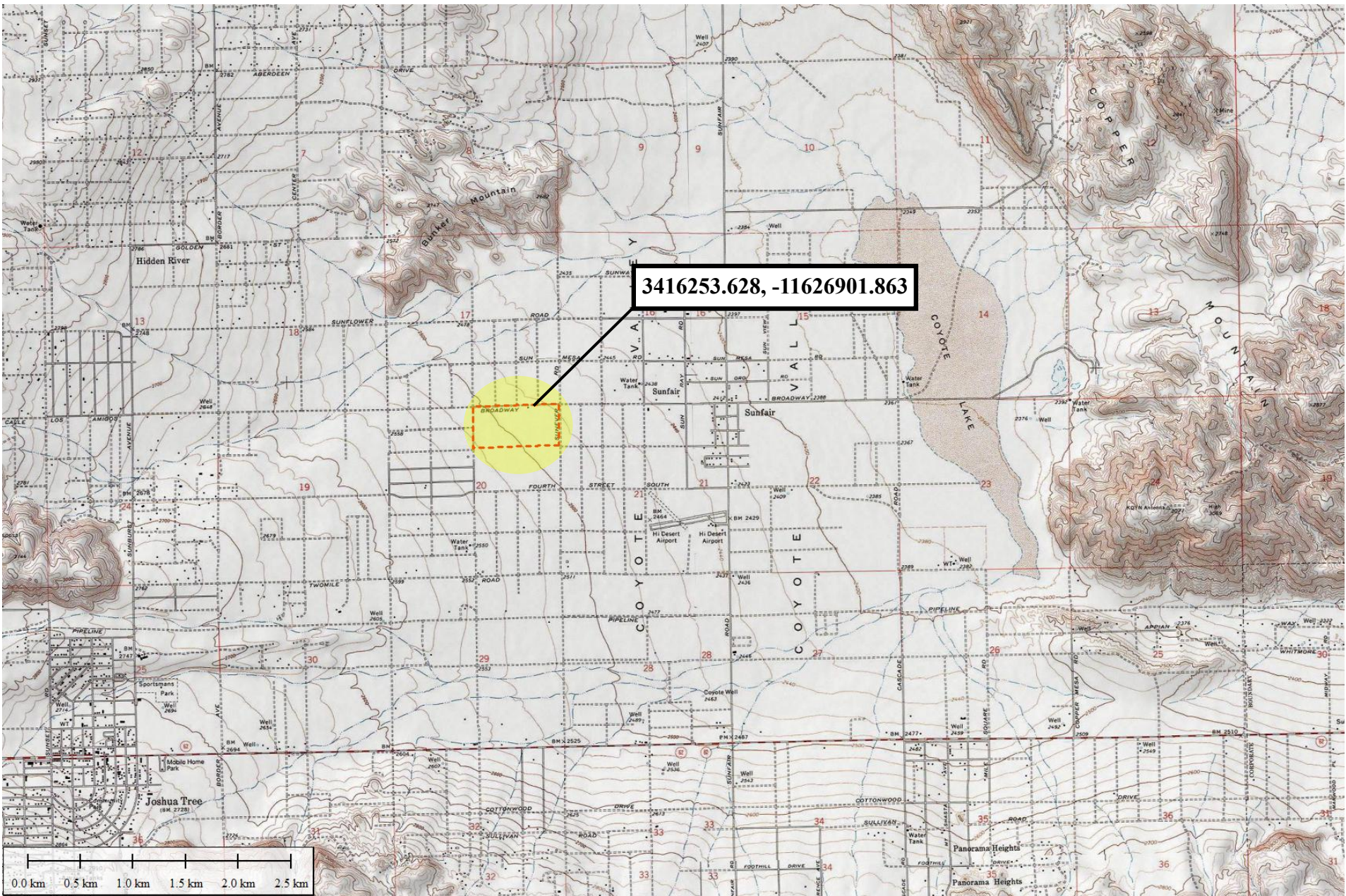


Figure 2
 Vicinity Map
 Joshua Tree Estates
 APN 0605-051-01
 San Bernardino County, California

Legend

 Property Line



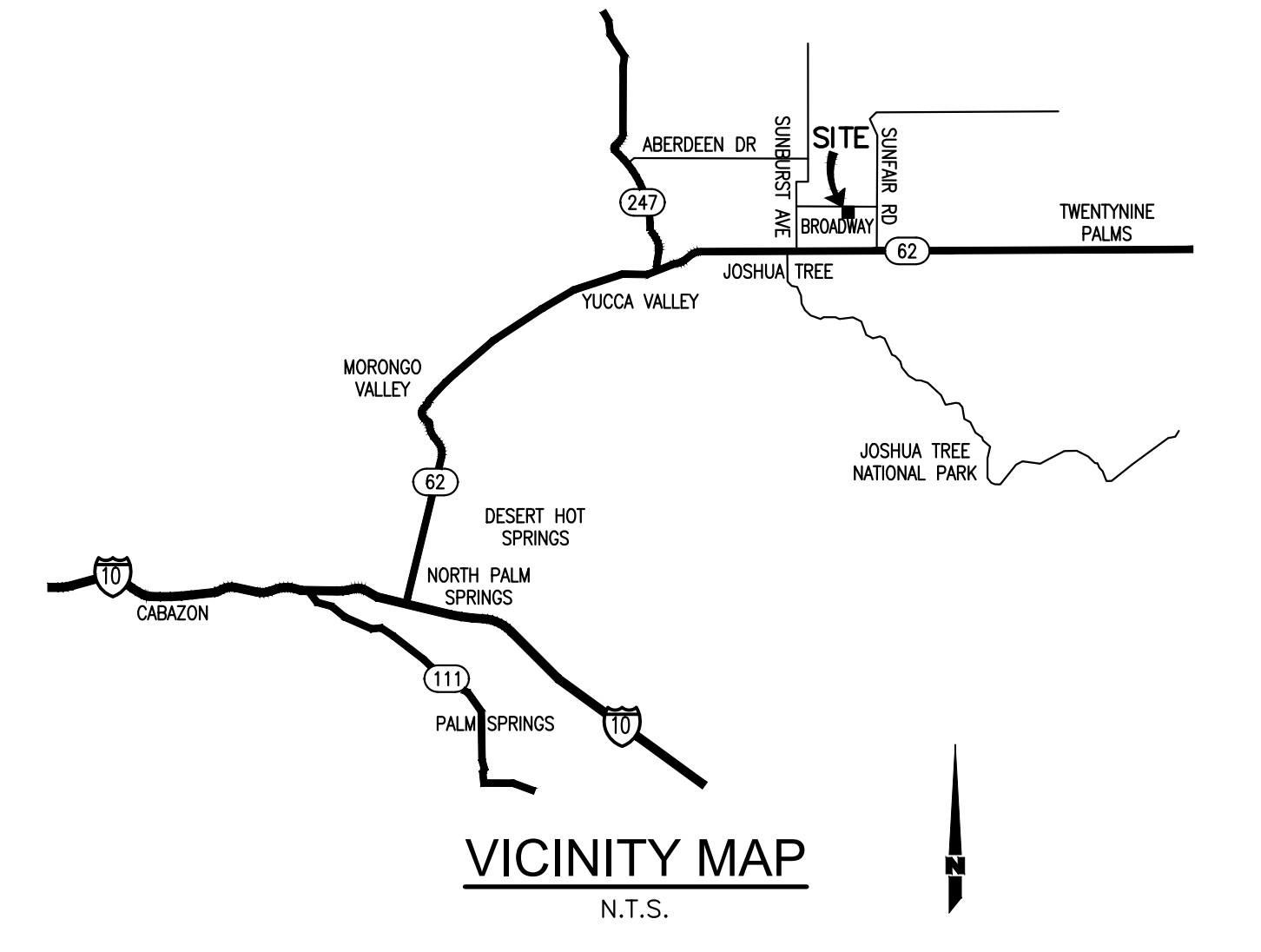
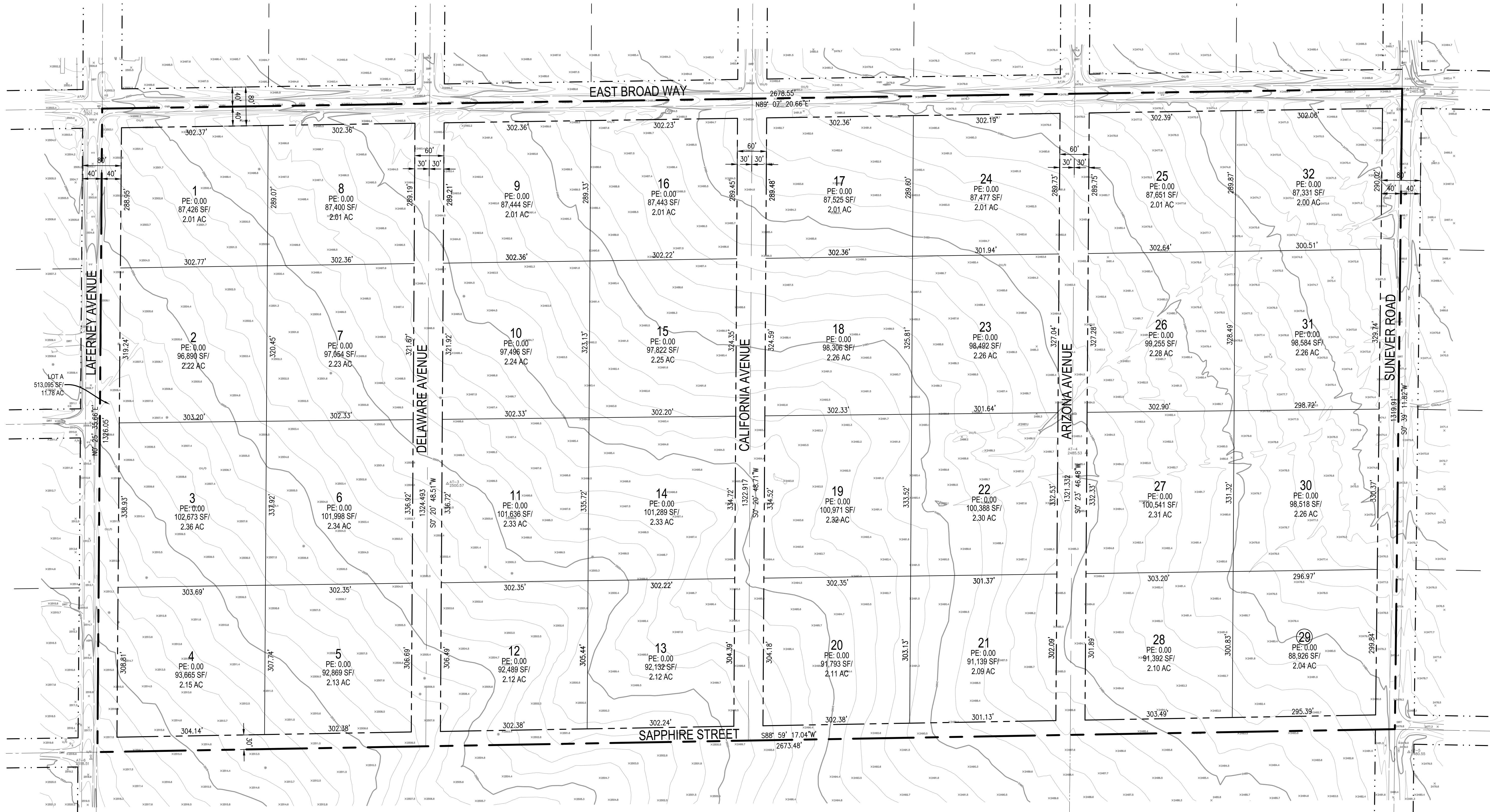
FIGURE 3

JOSHUA TREE ESTATES

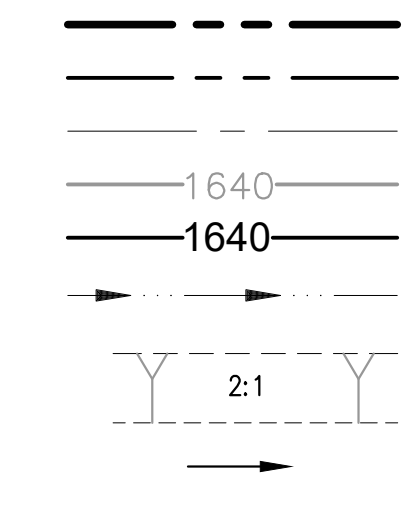
TENTATIVE TRACT No. _____

COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA
JULY, 2022

FOR OFFICIAL USE ONLY



LEGEND



ABBREVIATIONS

| | |
|--------|--------------------------|
| FS | FINISH SURFACE ELEVATION |
| PE | PAD ELEVATION |
| H.P. | HIGH POINT |
| L.P. | LOW POINT |
| H=2.5' | HEIGHT OF WALL OR D.F. |
| T/G | TOP OF GRATE INLET |
| 1/S | TOP OF SLOPE |
| G.B. | GRADE BREAK |
| FL | FLOWLINE |

LEGAL DESCRIPTION

NORTH HALF OF NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 1 NORTH, RANGE 1 EAST, SAN BERNARDINO MERIDIAN, COUNTY OF SAN BERNARDINO
ASSESSOR'S PARCEL NUMBER: 0605-051-01

UTILITY PROVIDERS

| | |
|---|--|
| ELECTRIC: SOUTHERN CALIFORNIA Edison COMPANY P.O. BOX 11482 SANTA ANA, CA 92711 (714) 796-9920 | SCHOOL DISTRICT: MORONGO UNIFIED SCHOOL DISTRICT 5715 UTAH TRAIL TENTENYNE PALMS, CA 92277 (760) 367-9191 |
| TELEPHONE: AT&T (800) 310-2355 | TRASH SERVICES: AT&T 4878 NEWTON ROAD YUCCA VALLEY, CA 92284 (760) 340-2113 |

SITE SUMMARY

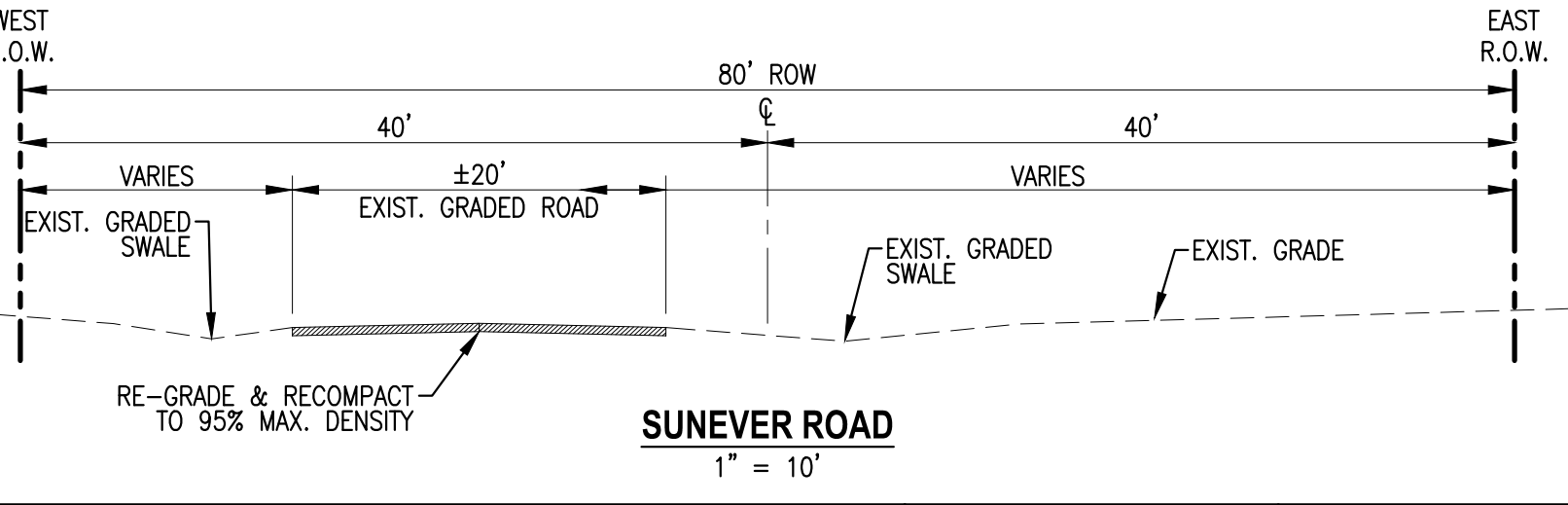
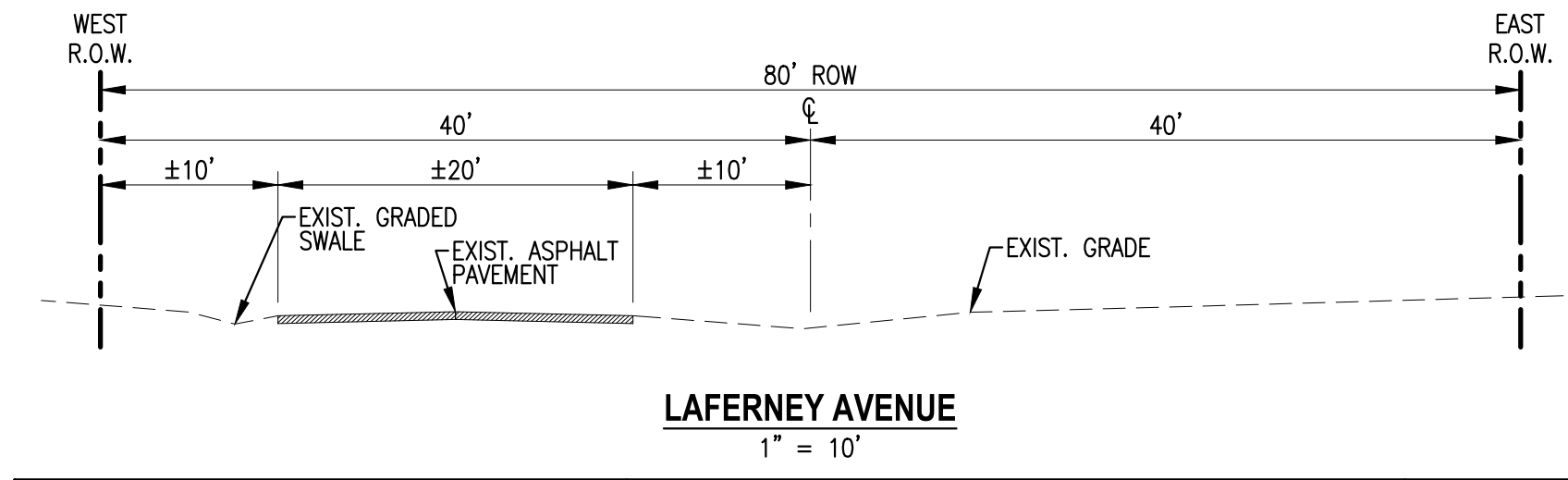
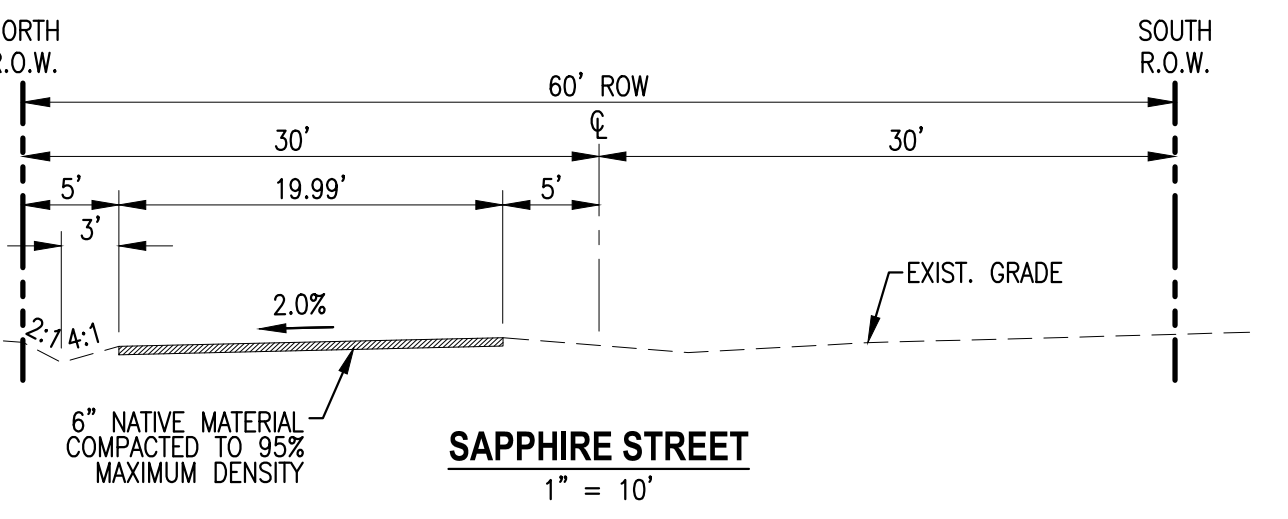
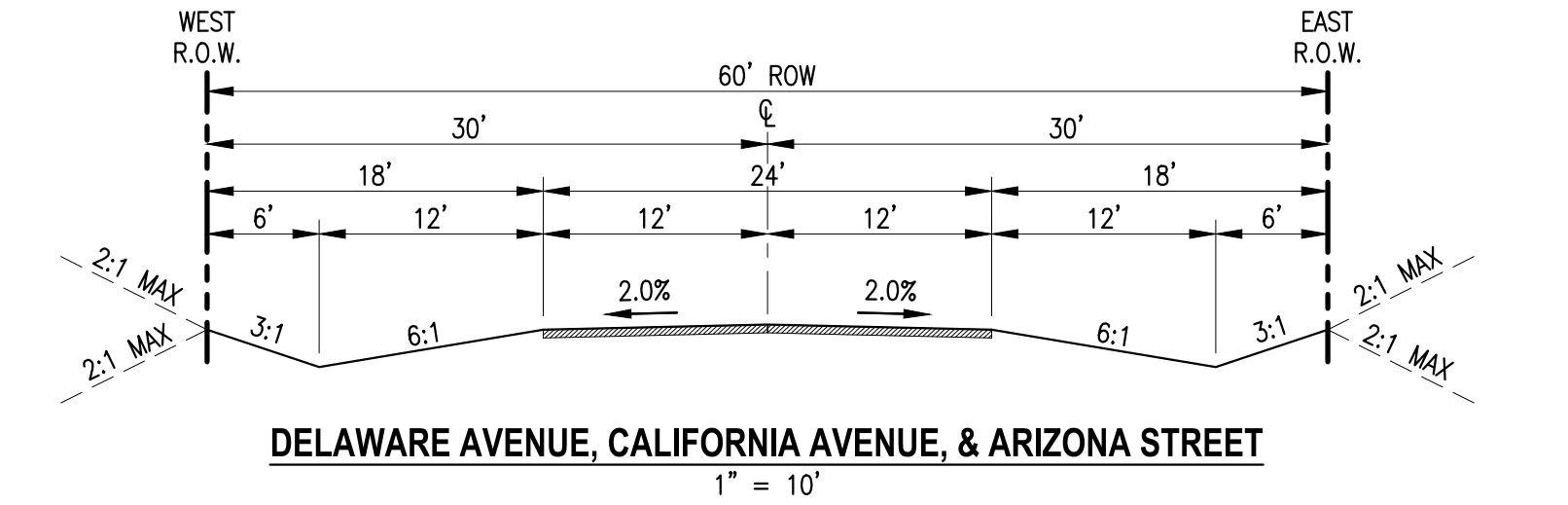
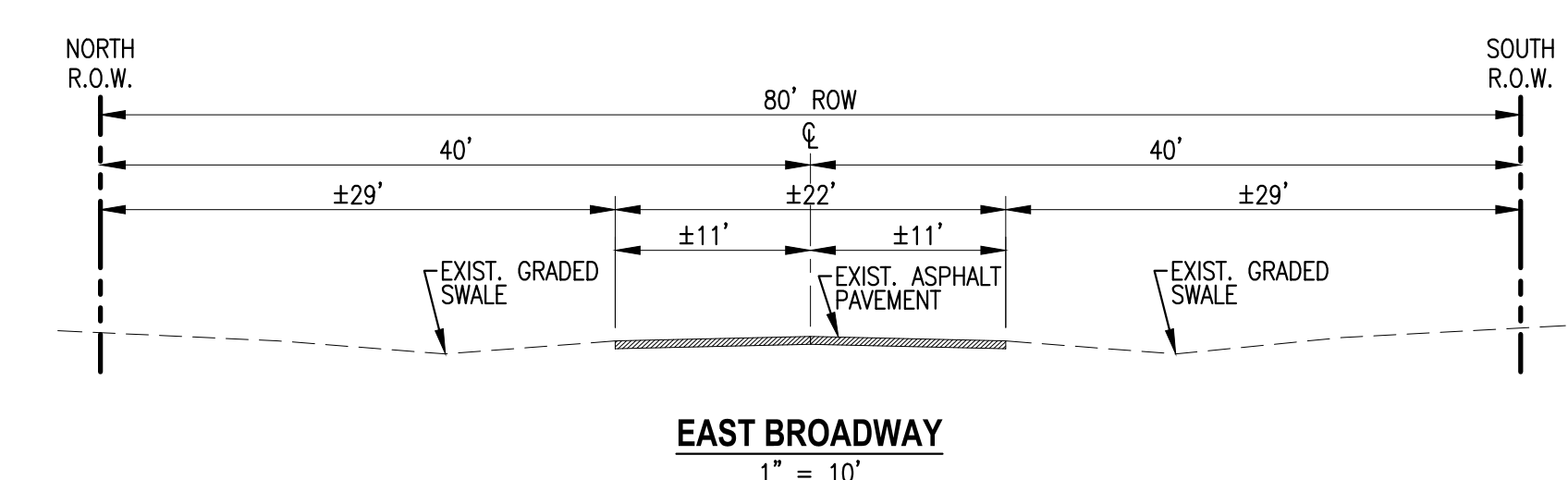
| | |
|-----------------------------------|----------|
| TOTAL SITE ACREAGE (GROSS): | 81.2 AC. |
| ADD. R.O.W. TO BE DEDICATED: | 11.0 AC. |
| TOTAL SITE ACREAGE (NET): | 70.2 AC. |
| TOTAL NUMBER OF RESIDENTIAL LOTS: | 29 |

EARTHWORK

| | CUT (C.Y.) | FILL (C.Y.) |
|----------------------------------|------------|-------------|
| RAW EARTHWORK: | 0 | 0 |
| OVEREX. KEYWAY & TRENCH: | 0 | 0 |
| SUBSIDENCE (0.1"): | 0 | 0 |
| SUBTOTAL: | 0 | 0 |
| SHRINKAGE (12.5%): | --- | 0 |
| SURFACE ORGANICS & OTHER LOSSES: | --- | 0 |
| TOTAL: | 0 | 0 |
| NET IMPORT/EXPORT - 0 (C.Y.) | --- | 0 |

SITE INFORMATION

ASSESSOR'S PARCEL NUMBER: 0605-051-01
TRACT NUMBER: _____
EXISTING ZONING: JT/RL (JOSHUA TREE RURAL LIVING)
PROPOSED ZONING: NO CHANGE
EXISTING LAND USE: VACANT
PROPOSED LAND USE: SFR
NOTE: ALL ADJACENT PARCELS ARE ZONED JT/RL



ENGINEER'S STATEMENT

THIS TENTATIVE TRACT MAP WAS PREPARED UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, ALL EASEMENTS OF RECORD ARE SHOWN PER THE TITLE REPORT DATED _____ BY _____ TITLE COMPANY.

DAVID CURRINGTON, RCE 58883 DATE _____

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REGISTERED PROFESSIONAL ENGINEER
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No. CE 58883
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

| MARK | REVISIONS | APPR | DATE |
|------|-----------|------|------|
| | | | |

COUNTY OF SAN BERNARDINO
DEPARTMENT OF LAND USE SERVICES
RECOMMENDED BY: _____
APPROVED BY: _____
DATE _____

TENTATIVE TRACT MAP
TRACT No. _____
APN: 0605-051-01
JOSHUA TREE

DATE PREPARED:
8/9/2022
FILE NO. _____
SHEET 1 OF 1

FIGURE 4

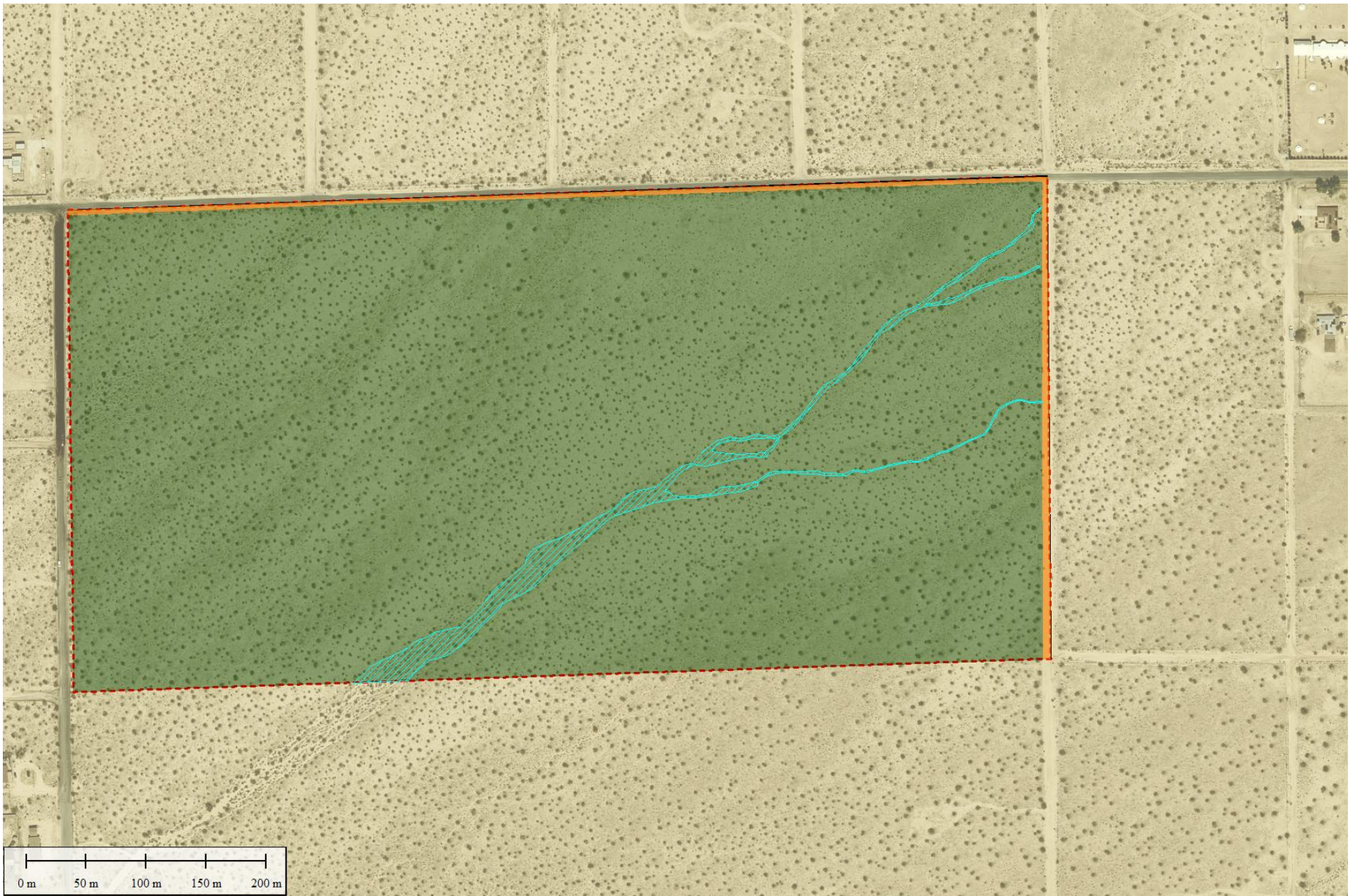


Figure 4
 Habitat Map
 Joshua Tree Estates
 APN 0605-051-01
 San Bernardino County, California



FIGURE 5

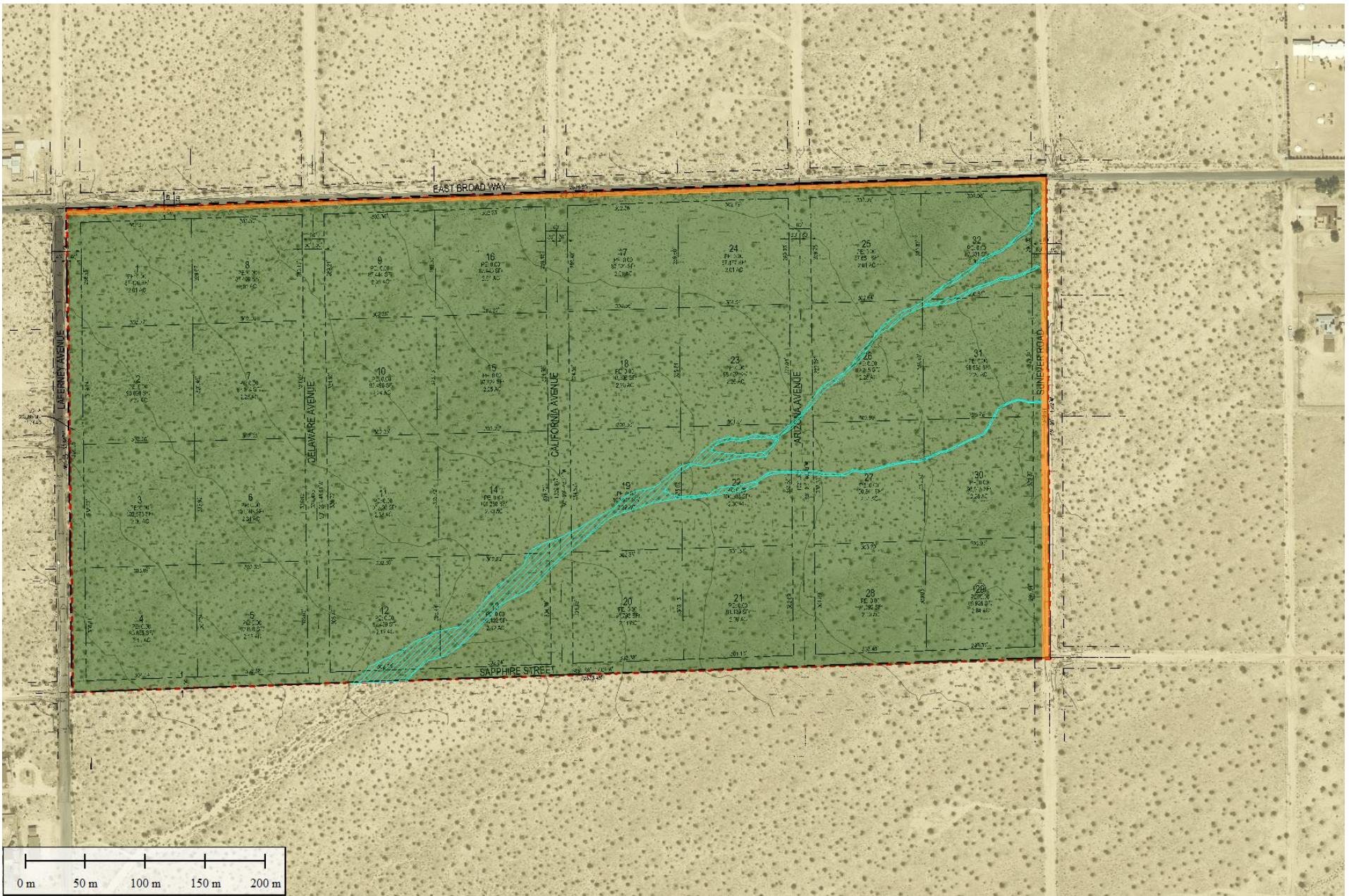








Figure 5
 Impact Map
 Joshua Tree Estates
 APN 0605-051-01
 San Bernardino County, California

| | | | | | |
|---|-----------------------------------|---|---|---|------------------------------|
| Legend | |  |  | | |
|  | Property Line | | |  | Disturbed Areas (1.29 Acres) |
|  | Creosote Bush Scrub (79.91 Acres) | | |  | Ephemeral Wash |

APPENDIX A

Observed Species List

Plant List

| Scientific Name | Common Name |
|-----------------------------------|------------------------|
| <i>Ambrosia dumosa</i> | White bursage |
| <i>Ambrosia salsola</i> | Burrobrush |
| <i>Adenophyllum</i> sp. | Dogweed |
| <i>Brickellia incana</i> | Woolly brickellbush |
| <i>Croton californicus</i> | Desert croton |
| <i>Cylindropuntia echinocarpa</i> | Silver cholla |
| <i>Cylindropuntia ramosissima</i> | Branched pencil cholla |
| <i>Eriastrum eremicum</i> | Desert Woollystar |
| <i>Ericameria</i> sp. | Goldenbush |
| <i>Euphorbia micromera</i> | Sonoran sandmat |
| <i>Hilaria rigida</i> | Big galleta |
| <i>Larrea tridentata</i> | Creosote |
| <i>Opuntia basilaris</i> | Beavertail cactus |
| <i>Palafoxia arida</i> | Desert palafox |
| <i>Schismus</i> sp. | Mediterranean grass |
| <i>Senna armata</i> | Spiny senna |
| <i>Stephanomeria pauciflora</i> | Brownplume wirelettuce |
| <i>Tiquilia plicata</i> | Fanleaf crinklemat |
| <i>Yucca brevifolia</i> | Joshua tree |

Wildlife List

Scientific Name

Aspidoscelis tigris

Corvus corax

Dipsosaurus dorsalis

Falco sparverius

Lepus californicus

Common Name

Western whiptail

Common raven

Desert iguana

American kestrel

Black-tailed jackrabbit

APPENDIX B

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-------------------------|---------------------------|-------------|--------------|------------|-----------------|---|--|--|---|---|
| Astragalus bernardinus | San Bernardino milk-vetch | Dicots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive | 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. This species is not present. |
| Astragalus tricarinatus | triple-ribbed milk-vetch | Dicots | Endangered | None | 1B.2 | SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden | 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. | No slopes or canyons occur on site. No suitable habitat occurs on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|------------------|-------------|--------------|------------|-----------------|---|--|---|---|---|
| Berberis fremontii | Fremont barberry | Dicots | None | None | 2B.3 | SB_CalBG/RS ABG- California/Rancho Santa Ana Botanic Garden | Joshua tree woodland Pinon & juniper woodlands | Pinyon and juniper woodland, Joshua tree woodland. | Rocky, sometimes granitic. 1140-1770 m. | The elevation range for this species is above the project site. This species is not present. |
| Boechera dispar | pinyon rockcress | Dicots | None | None | 2B.3 | SB_CalBG/RS ABG- California/Rancho Santa Ana Botanic Garden | 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 elevation range for this species is above the project site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------------|-------------------------|-------------|--------------|------------|-----------------|---|--|--|--|--|
| Calochortus striatus | alkali mariposa-lily | Monocots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive | Chaparral Chenopod scrub Meadow & seep Mojavean desert scrub Wetland | Chaparral, chenopod scrub, Mojavean desert scrub, meadows and seeps. | Alkaline meadows and ephemeral washes. 70-1600m. | No alkali meadows occur on site. No suitable habitat occurs on site. This species is not present. |
| Cymopterus multinervatus | purple-nerve cymopterus | Dicots | None | None | 2B.2 | | Joshua tree woodland Mojavean desert scrub | Mojavean desert scrub, pinyon and juniper woodland. | Sandy or gravelly places. 765-2195 m. | This species prefers higher elevations and slopes. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-------------------|----------------------|-------------|--------------|------------|-----------------|--|---|--|---|---|
| Erigeron parishii | Parish's daisy | Dicots | Threatened | None | 1B.1 | SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden | 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 grainite. 1050-2245 m. | The elevation range for this species is above the project site. This species is not present. |
| 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. | The elevation range for this species is above the project site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------|---------------------------|-------------|--------------|------------|-----------------|--|---|---|---|---|
| Jaffueliobryum raui | Rau's jaffueliobryum moss | Bryophytes | None | None | 2B.3 | | Alpine dwarf scrub Chaparral Limestone Mojavean desert scrub Sonoran desert scrub | Alpine dwarf scrub, chaparral, Mojavean desert scrub, Sonoran desert scrub. | Dry openings, rock crevices. On dry sandstone or limestone. 425-2015 m. | No rock outcrops occur on site. This species is not present. |
| Linanthus bernardinus | Pioneertown linanthus | Dicots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden | Joshua tree woodland Pinon & juniper woodlands | Joshua tree woodland, pinyon and juniper woodland. | 1120-1345 m. | The elevation range for this species is above the project site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|------------------------------------|---------------------------------------|-------------|--------------|------------|-----------------|--|--|--|--|--|
| Linanthus maculatus ssp. maculatus | Little San Bernardino Mtns. linanthus | Dicots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden | 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 dunes occur on site. No suitable habitat occurs on site. This species is not present. |
| Matelea parvifolia | spear-leaf matelea | Dicots | None | None | 2B.3 | USFS_S-Sensitive | Mojavean desert scrub Sonoran desert scrub | Mojavean desert scrub, Sonoran desert scrub. | Dry rocky ledges and slopes. 360-1440 m. | The project site is flat. No ledges or slopes occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------|----------------------|-------------|--------------|------------|-----------------|--|---|--|---|---|
| Monardella robisonii | Robison's monardella | Dicots | None | None | 1B.3 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden | Pinon & juniper woodlands | Pinyon and juniper woodland. | Rocky desert slopes, often among granitic boulders. 610-1615 m. | The project site is flat. No slopes or granitic boulders occur on site. This species is not present. |
| Muhlenbergia appressa | appressed muhly | Monocots | None | None | 2B.2 | | Coastal scrub Mojavean desert scrub Valley & foothill grassland | Coastal scrub, Mojavean desert scrub, valley and foothill grassland. | Rocky slopes, canyon bottoms. 20-1600 m. | The project site is flat. No slopes or canyons occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|---------------------------------------|--------------------|-------------|--------------|------------|-----------------|--------------|---|---|--------------------------------------|---|
| Penstemon clevelandii var. mohavensis | Mojave beardtongue | Dicots | None | None | 1B.2 | | Mojavean desert scrub Pinon & juniper woodlands | Mojavean desert scrub, pinyon and juniper woodland. | Rocky, granitic (often). 925-1620 m. | The elevation range for this species is above the project site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|---------------------|--------------------------|-------------|--------------|------------|-----------------|--|---|--|---|--|
| Saltugilia latimeri | Latimer's woodland-gilia | Dicots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden SB_USDA-US Dept of Agriculture USFS_S-Sensitive | 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. | The soils on site did not have any characteristics of limestone. This species prefers desert slopes. No suitable habitat occurs on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------------------|-----------------------|-------------|--------------|------------|-----------------|---|--|--|---|---|
| Sphaeralcea rusbyi var. eremicola | Rusby's desert mallow | Dicots | None | None | 1B.2 | BLM_S-Sensitive SB_CalBG/RS ABG-California/Rancho Santa Ana Botanic Garden SB_USDA-US Dept of Agriculture | Desert wash Joshua tree woodland Limestone Mojavean desert scrub | Mojavean desert scrub, Joshua tree woodland. | In creosote bush scrub, blackbush scrub, Joshua tree woodland; sometimes on carbonate; sometimes in washes. 425-1645 m. | The soils on site do not have any characteristics of limestone. This species is known at higher elevations. According to the Jepson Flora Project the elevation range for this species is 1000-1500 m which is above this sites elevation. This species is not |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Rare Plant Rank | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------------------|----------------------|-------------|--------------|------------|-----------------|---|--|--|--|--|
| Streptanthus campestris | southern jewelflower | Dicots | None | None | 1B.3 | BLM_S-Sensitive SB_CRES-San Diego Zoo CRES Native Gene Seed Bank USFS_S-Sensitive | 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. This species is not present. |
| Wislizenia refracta ssp. refracta | jackass-clover | Dicots | None | None | 2B.2 | | Alkali playa Desert dunes Desert wash Mojavean desert scrub Sonoran desert scrub | Playas, desert dunes, Mojavean desert scrub, Sonoran desert scrub. | Sandy washes, roadsides, alkaline flats. 380-1160 m. | No alkaline soils occur on site. This shrub was not found during the general bio survey. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|------------------------------------|-------------|--------------|------------|--|---|---|--|---|
| 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. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | 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 areas suitable for roosting occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | 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 nesting habitats occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|---------------------|-------------|--------------|----------------------|---|--|--|--|--|
| Athene cunicularia | burrowing owl | Birds | None | Candidate Endangered | 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. | Suitable habitat for this species occurs on site. This species has the potential to be present. |
| Bombus crotchii | Crotch's 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. | The food plant genera of this species is not found on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------------|-------------------------------|-------------|--------------|------------|--------------|--|--|--|---|
| Chaetodipus fallax pallidus | pallid San Diego pocket mouse | Mammals | None | None | | Desert wash Pinon & juniper woodlands Sonoran desert scrub | Desert border areas of San Diego, Riverside, San Bernardino, and Los Angeles counties in desert wash, desert scrub, desert succulent scrub, pinyon-juniper, etc. | Sandy, herbaceous areas, usually in association with rocks or coarse gravel. | No rock outcrops occur on site. No suitable habitat occurs on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------------|-------------------------|-------------|--------------|------------|--|---|--|---|---|
| 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. | The site does not have any rock outcrops and the vegetation consists of open desert scrub. No suitable habitat for this species occurs on site. This species is not present. |
| Eumops perotis californicus | western mastiff bat | Mammals | None | None | BLM_S-Sensitive CDFW_SSC-Species of Special Concern | Chaparral Cismontane woodland Coastal scrub Valley & foothill grassland | Many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, chaparral, etc. | Roosts in crevices in cliff faces, high buildings, trees and tunnels. | No areas suitable for roosting occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|-----------------|-------------|--------------|------------|--|--|--|---|---|
| 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. This species is not present. |
| 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. | Suitable habitat for desert tortoise occurs on site. This species has the potential to be present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|--------------------|-------------|--------------|------------|---|---|---|---|---|
| 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 areas suitable for roosting occur on site. This species is not present. |
| 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 areas suitable for roosting occur on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------------|--------------------------|-------------|--------------|------------|---|--|--|--|---|
| Myotis thysanodes | fringed myotis | Mammals | None | None | BLM_S-Sensitive IUCN_LC-Least Concern USFS_S-Sensitive | | In a wide variety of habitats, optimal habitats are pinyon-juniper, valley foothill hardwood and hardwood-conifer. | Uses caves, mines, buildings or crevices for maternity colonies and roosts. | No suitable habitat occurs on site. This species is not present. |
| Nyctinomops femorosaccus | pocketed free-tailed bat | Mammals | None | None | CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern | Joshua tree woodland Pinon & juniper woodlands Riparian scrub Sonoran desert scrub | Variety of arid areas in Southern California; pine-juniper woodlands, desert scrub, palm oasis, desert wash, desert riparian, etc. | Rocky areas with high cliffs. | No suitable habitat occurs on site. This species is not present. |
| Nyctinomops macrotis | big free-tailed bat | Mammals | None | None | CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern | | Low-lying arid areas in Southern California. | Need high cliffs or rocky outcrops for roosting sites. Feeds principally on large moths. | No suitable habitat occurs on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | 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. This species is not present. |
| Paranomada californica | California cuckoo bee | Insects | None | None | | | | | No suitable habitat occurs on site. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|------------------------|---------------------|-------------|--------------|------------|---|--|---|--|--|
| 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. | Suitable habitat for this species occurs on site. This species has the potential to be present. |
| 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. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | 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 Coastal scrub Desert dunes Desert wash Freshwater marsh Great Basin grassland | 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. This species is not present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|--------------------|---------------------|-------------|--------------|------------|---|--|---|--|---|
| Toxostoma bendirei | Bendire's thrasher | Birds | None | None | BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFWS_BCC-Birds of Conservation Concern | Joshua tree woodland Mojavean desert scrub | Migratory; local spring/summer resident in flat areas of desert succulent shrub/Joshua tree habitats in Mojave Desert. | Nests in cholla, yucca, palo verde, thorny shrub, or small tree, usually 0.5 to 20 feet above ground. | Suitable habitat occurs on site. This species has the potential to be present. |
| Toxostoma lecontei | Le Conte's thrasher | Birds | None | None | BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern 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. | Suitable habitat occurs on site. This species has the potential to be present. |

| Scientific Name | Common Name | Taxon Group | Federal List | State List | Other Status | Habitats | General Habitat | Microhabitat | Presence/Absence |
|-----------------------|---------------------------|-------------|--------------|------------|---|--|--|---|---|
| Uma scoparia | Mojave fringe-toed lizard | Reptiles | None | None | BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern | Desert dunes Desert wash Mojavean desert scrub | Fine, loose, wind-blown sand in sand dunes, dry lakebeds, riverbanks, desert washes, sparse alkali scrub and desert scrub. | Shrubs or annual plants may be necessary for arthropods found in the diet. | Suitable habitat occurs on site. This species has the potential to be present. |
| Vireo bellii pusillus | least Bell's vireo | Birds | Endangered | Endangered | | 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. This species is not present. |

APPENDIX C



View of creosote bush scrub onsite followed by Broadway Street. View looking northwest.



Creosote bush scrub habitat on site where impacts will occur. View looking southwest.



Disturbed habitat in the northeast corner of site at the intersection of E Broadway Street and Sunever Road. View looking north.



View of ephemeral stream on site. View looking southwest.



Creosote bushes (*Larrea tridentata*) on site where impacts will occur followed by La Ferney Avenue and residential area to the west. View looking west.



View of western Joshua tree (*Yucca brevifolia*) on site. View looking east.