



**GENERAL BIOLOGICAL ASSESSMENT  
AND  
WESTERN RIVERSIDE COUNTY MSHCP  
CONSISTENCY ANALYSIS  
FOR  
TTM 38066**

**CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, CALIFORNIA**

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## Table of Contents

<b>Table of Contents</b> .....	1
1.0 Introduction.....	3
1.1 Project Site Location .....	3
1.2 Project Description.....	3
2.0 Methodology .....	3
2.1 Literature Review.....	3
2.1.1 Western Riverside County MSHCP.....	4
2.1.2 Project Relationship to the Western Riverside County MSHCP .....	4
2.2 Field Survey .....	5
3.0 Existing Conditions and Results .....	5
3.1 Environmental Setting.....	5
3.2 Soils.....	5
3.3 Plant and Habitat Communities .....	6
3.4 Wildlife.....	6
3.5 Regional Connectivity/Wildlife Movement.....	6
3.6 Sensitive Biological Resources .....	7
3.6.1 Sensitive Plant Resources .....	7
3.6.2 Sensitive Animal Resources.....	10
3.6.3 Nesting Birds .....	12
3.7 Jurisdictional Waters .....	13
4.0 Project Impacts.....	13
4.1 Impacts to Habitats.....	13
4.2 Impacts to Sensitive Species .....	13
4.3 Impacts to Nesting Birds .....	13
4.4 Impacts to Critical Habitat .....	13
4.5 Impacts to Wildlife Movement Corridors .....	14
4.6 Conflict with Local Policies or Ordinances Protecting Biological Resources.....	14
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 .....	14
4.8 State and Federal Drainages.....	14
5.0 Western Riverside County MSHCP Consistency Analysis.....	14
5.1 MSHCP Requirements .....	14

6.0 Recommendations..... 16  
7.0 Certification ..... 18  
8.0 References..... 19

**FIGURES**

- Figure 1 – Location Map
- Figure 2 – Vicinity Map
- Figure 3 – Project Plans
- Figure 4 – Habitat Map
- Figure 5 – Impact Map

**APPENDICES**

- Appendix A – Species List
- Appendix B – Species Probability List
- Appendix C – Site Photographs
- Appendix D – Soils Map
- Appendix E – Focused Burrowing Owl Survey Report

## **1.0 Introduction**

HES was contracted to prepare a General Biological Assessment (GBA) and Western Riverside County MSHCP Consistency Analysis for TTM 38066 including Assessor's Parcel Numbers (APNs) 436-030-001, 436-040-006, and 436-040-008. The project site consists of approximately 37.87 acres located southwest of North Ramona Boulevard between Shimmering Way and Ranch View Lane in the City of San Jacinto, County of Riverside, California.

### **1.1 Project Site Location**

The project site consists of Riverside County Assessor's Parcel Numbers (APNs) 436-030-001, 436-040-006, and 436-040-008. The 37.87-acre property is located southwest of North Ramona Boulevard, East of North Sanderson Avenue and northwest of Ranch View Lane in the City of San Jacinto, County of Riverside, California. Specifically, the project site is located in within San Jacinto Viejo land grant between the United States Geological Survey *San Jacinto* and *Lakeview* 7.5-Minute Quadrangles. The center point latitude and longitude coordinates for the project site are 33°03'23.2332" North and 114°56'42.7625" West (Figures 1 and 2, *Location Map* and *Vicinity Map*).

### **1.2 Project Description**

The proposed project includes the construction of a single-family residential development. The proposed residential development will consist of 184 residential lots and three open space lots. The proposed project includes associated parking, landscaping, access roads, and utilities (Figure 3, *Project Plans*). The proposed residential development will impact the entire 37.87-acre project site.

## **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. Additionally, the Western Riverside County MSHCP was reviewed for information on known occurrences of sensitive species within Riverside County.

### **2.1.1 Western Riverside County MSHCP**

The Western Riverside County MSHCP (Dudek and Associates 2003) is a comprehensive, multijurisdictional habitat conservation planning program for western Riverside County, California. The purpose of the Western Riverside County MSHCP is to preserve native habitats, and to this end, the plan focuses upon the habitat needs of multiple species rather than one species at a time. The Western Riverside County MSHCP provides coverage/take authorization for some species listed under the federal or state Endangered Species Act (ESA) as well as non-listed special-status plant and wildlife species. It also provides mitigation for impacts to special-status species and their associated habitats.

Through agreements with the USFWS and California Department of Fish and Wildlife (CDFWG), 146 listed and special-status plant and animal species receive some level of coverage under the Western Riverside County MSHCP. Of the 146 covered species, the majority have no additional survey needs or conservation requirements. Furthermore, the Western Riverside County MSHCP provides mitigation for project-specific impacts to these species, thereby reducing the degree of impact to below a level of significance, pursuant to the California Environmental Quality Act (CEQA).

Several of the species covered under the Western Riverside County MSHCP have additional survey requirements. These include the riparian communities and associated species addressed in Section 6.1.2 of the Western Riverside County MSHCP document (“Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools”), plants identified in Section 6.1.3 (“Narrow Endemic Plant Species”); and plants and animal species addressed in Section 6.3.2 (“Additional Survey Needs and Procedures”).

### **2.1.2 Project Relationship to the Western Riverside County MSHCP**

The project area is located within the Western Riverside County MSHCP boundaries. The City of San Jacinto, acting as the lead agency for the proposed project, is a permittee under the Western Riverside County MSHCP and, therefore, is afforded coverage under the state or federal ESAs for impacts to listed species covered by the plan. The City is required to document consistency with the Western Riverside County MSHCP in conjunction with any discretionary approvals for the project. As such, this report was prepared to provide all necessary information required to determine project consistency with the Western Riverside County MSHCP.

The project area is located within the San Jacinto Valley Area Plan of the Western Riverside County MSHCP. The project site is not located within a MSHCP Criteria Cell or Cell Group. In addition, the site is not located within plan-defined areas requiring surveys for criteria area species, amphibian species, narrow endemic plants, or mammalian species. Further, the project area does not contain any habitat that would be considered riparian/riverine areas as defined in Section 6.1.2 of the Western Riverside MSHCP, and no vernal pools were observed within the

project boundaries. However, the site is located within plan-defined areas requiring surveys for burrowing owl (*Athene cunicularia*).

A habitat assessment was conducted for burrowing owl following Step 1 of the Burrowing Owl Survey Instructions for the Western Riverside MSHCP. The habitat assessment determined that the site does provide suitable burrows/nesting opportunities for burrowing owl. Focused protocol surveys following the *Burrowing Owl Survey Instructions for the Western Riverside County Multiple Species Habitat Conservation Plan Area* were conducted from May 12 to June 29, 2022. The surveys determined BUOW is absent from the project site and 500-foot buffer (Refer to Appendix E).

## **2.2 Field Survey**

On May 12, 2023, HES conducted a field survey of the site. Ambient temperature at 6:00 A.M. was 50 degrees Fahrenheit, cloudy skies, with winds ranging from 0 to 1 mile per hour to the south. 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 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, *Species List*. Sensitive plant and wildlife species with the potential to occur within the project area are listed in Appendix B, *Species Probability List*. Representative site photographs were taken and are included within Appendix C, *Site Photographs*.

## **3.0 Existing Conditions and Results**

### **3.1 Environmental Setting**

The 37.87-acre project site is located southwest of North Ramona Boulevard, East of North Sanderson Avenue and northwest of Ranch View Lane in the City of San Jacinto, County of Riverside, California. The site consists of residential developments to the north and east, and vacant land to the west and south. The property is relatively flat with elevations ranging from 1,469 feet to 1,482 feet above mean sea level (AMSL).

### **3.2 Soils**

Three soil classes are identified to occur on the project site by the USDA Web Soil Survey (Appendix D, *Soils Map*). Soils at the project site are classified as follows:

- Dello loamy fine sand (DrA), 0 to 2 percent slopes, gravelly substratum ;
- Grangeville sandy loam (GpB), 0 to 5 percent slopes, drained, saline-alkali;
- Grangeville sandy loam (GsB), 0 to 5 percent slopes, poorly drained, saline-alk ali,
- Grangeville fine sandy loam (GvB), 0 to 5 percent slopes, saline-alkali, and
- Water (W)

### 3.3 Plant and Habitat Communities

The 5.76-acre project site consists of two habitat types: ruderal habitat and disturbed/developed habitat (Figure 4, *Habitat Map*). Following is a description of the habitat types:

#### *Ruderal*

The project site contains approximately 31.42 acres of ruderal habitat. Dominant species observed are non-native vegetation such as tumbleweed (*Salsola tragus*), prickly lettuce (*Lactuca serriola*), and stinknet (*Oncosiphon piluliferum*).

#### *Disturbed/Developed*

The project site contains approximately 6.45 acres of disturbed/developed habitat mostly devoid of vegetation. Dominant species mainly observed along edges of disturbed areas are non-native vegetation such as tumbleweed (*Salsola tragus*), prickly lettuce (*Lactuca serriola*), and red brome (*Bromus madritensis*).

### 3.4 Wildlife

General wildlife species documented on the project site or within the vicinity of the site includes the house finch (*Haemorhous mexicanus*) and lesser goldfinch (*Spinus psaltria*).

### 3.5 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. Usually, mountain canyons or riparian corridors are used by wildlife as corridors.

The project area was evaluated for its function as a wildlife corridor that species use to move between wildlife habitat zones. The project site consists of flat ruderal or disturbed land surrounded by storage facilities, commercial development, and busy roads. No wildlife movement corridors were found to be present on the project site.

### 3.6 Sensitive Biological Resources

According to the CNDDDB, a total of 52 sensitive species of plants and 60 sensitive species of animals has 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 or directed to be evaluated under the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP). Sensitive species which have a potential to occur will also be discussed in this section. Other special status species are addressed within Appendix B, *Species Probability List*.

#### 3.6.1 Sensitive Plant Resources

A total of sixteen 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; or have been found to have a potential to exist on the project site. 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.**

##### **Munz's onion**

Munz's onion (*Allium munzii*) is a federally Endangered, state Threatened, and CNPS 1B.1 listed plant species. It is found in chaparral, coastal scrub, valley and foothill grasslands, cismontane woodland, and pinyon and juniper woodland. The project site does not have suitable habitat for this species. **This species is not present.**

##### **Horn's Milk-Vetch**

Horn's milk-vetch (*Astragalus hornii* var. *hornii*) is ranked 1B.1 in the CNPS Rare Plant Inventory. It is typically found in alkali playa, meadow, seep, and wetland 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.**

### **Jaeger's milk-vetch**

Jaeger's milk-vetch (*Astragalus pachypus var. jaegeri*) is ranked 1B.1 in the CNPS Rare Plant Inventory. It is often found in dry ridges and valleys and open sandy slopes. Its habitat includes coastal scrub, chaparral, valley and foothill grassland, and cismontane woodland. No habitat for this species is present on the project site. **This species is not present.**

### **San Jacinto Valley crownscale**

San Jacinto Valley crownscale (*Atriplex coronata var. notatior*) is a federally listed Endangered species and is ranked 1B.1 in the CNPS rare plant inventory. Its habitat includes playas, valley and foothill grassland, and vernal pools. It is commonly found in the alkaline areas in the San Jacinto River Valley. No habitat for this species is present on the project site. **This species is not present.**

### **Parish's brittlescale**

Parish's brittlescale (*Atriplex parishii*) is ranked 1B.1 in the CNPS Rare Plant Inventory. Its habitat includes shadescale scrub, alkali sink, riparian, playas, vernal pools, and wetland. It is usually found on drying alkali flats with fine soils. No habitat for this species is present on the project site. **This species is not present.**

### **Thread-leaved brodiaea**

The thread-leaved brodiaea (*Brodiaea filifolia*) is a federally Threatened and state Endangered Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. It is found in chaparral, cismontane woodlands, coastal sage scrub, valley and foothill grasslands, vernal pools and wetland. No habitat for this species is present on the project site. **This species is not present.**

### **Smooth tarplant**

Smooth tarplant (*Centromadia pungens ssp. laevis*) is ranked 1B.1 in the CNPS Rare Plant Inventory. The species occurs in habitats that include alkali playa, chenopod scrub, meadows and seeps, riparian woodlands, wetlands, and valley and foothill grasslands. Alkaline soils are present onsite which could provide suitable habitat for this species however, the site is continually tilled for agriculture and weed abatement purposes. **This species is not present.**

### **Parry's spineflower**

Parry's spineflower (*Chorizanthe parryi var. parryi*) is ranked 1B.1 in the CNPS Rare Plant Inventory. The species occurs in dry, sandy soils on dry slopes and flats, sometimes at the interface of two vegetations types, such as chaparral and oak woodland. Its habitat includes

coastal scrub, chaparral, cismontane woodland, valley and foothill grassland. No habitat for this species is present on the project site. **This species is not present.**

### **Mojave tarplant**

Mojave tarplant (*Deinandra mohavensis*) is a state listed Endangered Species and is ranked 1B.3 in the CNPS Rare Plant Inventory. This species is typically found in low sand bars in riverbeds and most commonly in riparian or ephemeral grassy areas. Its habitat includes chaparral, coastal scrub, and riparian scrub. No habitat for this species is present 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.**

### **Mesa horkelia**

Mesa horkelia (*Horkelia cuneate var. puberula*) is ranked 1B.1 in the CNPS Rare Plant Inventory. It is typically found in sandy or gravelly sites. Its habitat includes chaparral, cismontane woodland, and coastal scrub. No habitat for this species is present on the project site. **This species is not present.**

### **Coulter's goldfields**

Coulter's goldfields (*Lasthenia glabrata ssp.coulteri*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is usually found on alkaline soils in playas, sinks, and grasslands and flowers during April through May. Its habitat includes alkali playas, marsh, swamp, salt marsh, vernal pool, and wetland. No habitat for this species is present on the project site. **This species is not present.**

### **Spreading navarretia**

Spreading navarretia (*Navarretia fossalis*) is a federally listed Threatened Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. Its habitat includes alkali playa, chenopod scrub, marsh and swamp, vernal pools, and wetlands. This species is typically found in swales and vernal pools, often surrounded by other habitat types. No habitat for this species is present on the project site. **This species is not present.**

### **California Orcutt grass**

California Orcutt grass (*Orcuttia californica*) is a federally and state listed Endangered Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. It is found in vernal pools. No habitat for this species is present on the project site. **This species is not present.**

### 3.6.2 Sensitive Animal Resources

A total of fourteen animal species listed as state and/or federal Threatened, Endangered, Candidate will be reviewed in this section. Sensitive species which have a potential to occur will also be discussed 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, *Species Probability List*. Below are descriptions of these species:

#### Tricolored blackbird

Tricolored blackbird (*Agelaius tricolor*) is a state listed Threatened Species and listed by the CDFW as a Species of Special Concern. The species occupies freshwater marshes with canopies of willows and other riparian trees. This species requires open accessible water and suitable foraging space. There is no habitat for this species on the project site. **This species is not present.**

#### Arroyo Toad

Arroyo Toad (*Anaxyrus californicus*) is a federally listed Endangered species and a CDFW Species of Special Concern. The most favorable breeding habitat for this species consists of slow-moving shallow pools, nearby sandbars, and adjacent stream terraces. Its habitat includes desert wash, riparian scrub, riparian woodland, south coast flowing waters, and south coast standing waters. There is no habitat for this species on the project site. **This species is not present.**

#### Burrowing owl

Burrowing owl (*Athene cunicularia*) is a CDFW Species of Special Concern. This species is found in coastal prairie, coastal scrub, great basin grassland, great basin scrub, Mojave Desert scrub, Sonoran Desert scrub, and valley and foothill grassland. This species is typically found in open and dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. It is a subterranean nester and is dependent upon burrowing mammals, most notably the California ground squirrel. Suitable habitat for this species is present on the project site. Although suitable habitat occurs on the project site, this species was not observed during focused surveys (Refer to Appendix E, *Focused Burrowing Owl Survey Report*). **This species is not present.**

#### Crotch bumble bee

Crotch bumble bee (*Bombus crotchii*) is a state Candidate Endangered species. It's 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.**

#### Vernal pool fairy shrimp

Vernal pool fairy shrimp (*Branchinecta lynchi*) is a federally listed Threatened Species. This species is found in seasonal pools of water in valley and foothill grasslands. This species typically inhabits small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **Southern rubber boa**

Southern-rubber boa (*Charina umbratical*) is a state listed Threatened Species. Its habitat includes meadow and seep, riparian forest, riparian woodland, upper montane coniferous forest, and wetland. This species is typically found near streams or wet meadows, and requires loose, moist soil for burrowing. It seeks cover in rotting logs, rock outcrops, and under surface litter. It is known to be found in the San Bernardino and San Jacinto mountains and has been reported to be found in other areas, but further research is required. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **Western yellow-billed cuckoo**

Western yellow-billed cuckoo (*Coccyzus americanus occidentalis*) is a federally listed Threatened and state listed Endangered Species. This species typically nests in riparian jungles of willows, often mixed with cottonwoods, with a lower story of blackberry, nettles, or wild grape. It is found in riparian forest habitat. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **San Bernardino kangaroo rat**

San Bernardino kangaroo rat (*Dipodomys merriami parvus*) is a federally listed Endangered Species, state listed Candidate Endangered Species, and a CDFW Species of Special Concern. It is found in coastal scrub habitat. This species is found in alluvial scrub vegetation on sandy loam substrates, characteristic of alluvial fans and flood plains. It needs early to intermediate seral stages. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **Stephen's kangaroo rat**

Stephens' kangaroo rat (*Dipodomys stephensi*) is a federally and state listed Threatened Species. This species is found in coastal sage scrub with sparse vegetation cover, and in valley and foothill grasslands. This species prefers buckwheat, chamise, brome grass, and filaree and will burrow into firm soil. The project site does not have suitable habitat for this species. **This species is not present.**

#### **Southwestern willow flycatcher**

Southwestern willow flycatcher (*Empidonax traillii extimus*) is a federally and state listed Endangered Species. It is found in riparian woodland habitat in southern California. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **Quino checkerspot butterfly**

Quino checkerspot butterfly (*Euphydryas editha quino*) is a federally listed Endangered Species. It is found in chaparral and coastal sage scrub. This species requires high densities of food plants, including *Plantago erecta*, *P. insularis*, and *Orthocarpus purpureus*. The project site does not have suitable habitat for this species. **This species is not present.**

#### **Coastal California gnatcatcher**

Coastal California gnatcatcher (*Polioptila californica californica*) is a federally listed Threatened Species and CDFW Species of Special Concern. This species is found in coastal bluff scrub and coastal scrub habitat. This species is typically found in low, coastal sage scrub in arid washes, on mesas and slopes. The project site does not have suitable habitat for this species. **This species is not present.**

#### **Southern mountain yellow-legged frog**

Southern mountain yellow-legged frog (*Rana muscosa*) is a federally and state listed Endangered species. It is found in aquatic habitat. This species is always encountered within a few feet of water. Tadpoles may require two to four years to complete their aquatic development. The project site does not contain suitable habitat for this species. **This species is not present.**

#### **Riverside fairy shrimp**

Riverside fairy shrimp (*Streptocephalus woottoni*) is a federally listed Endangered Species. This species is found in coastal scrub, valley and foothill grassland, vernal pool, and wetland habitat. This species typically inhabits seasonally astatic pools filled by winter/spring rains. The project site does not contain suitable habitat for this species. **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 mulefat dominated riparian scrub along permanent or nearly permanent streams. The project site does not contain suitable habitat for this species. **This species is not present.**

### **3.6.3 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 that can support nesting songbirds during the nesting bird season of February 1 through September 15.

### **3.7 Jurisdictional Waters**

No streams, drainages, or riparian habitat occur on site. No CDFW, United States Army Corps of Engineers (USACE), or Regional Water Quality Control Board (RWQCB) jurisdictional waters occur on site. Further, no wetlands or vernal pools were found on site.

## **4.0 Project Impacts**

### **4.1 Impacts to Habitats**

The proposed project is expected to impact the entire 37.87-acre project site consisting of ruderal habitat and additional 1.59 acres of disturbed habitat for road improvements. The proposed project will impact a total of 39.46 acres including 31.42 acres of ruderal habitat and 8.04 acres of disturbed/developed habitat.

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

The following sensitive species have a potential to occur within project boundaries and may be impacted by project development:

#### *Burrowing owl*

Burrowing owl is a CDFW Species of Special Concern. A habitat assessment conducted on the site determined that suitable habitat is present due to the nature of the habitat and soil type. In addition, the project area is within a burrowing owl survey area. Focused burrowing owl protocol surveys were performed, and no burrowing owl or burrowing owl sign was found. Implementation of the steps outlined in the recommendation section (Section 6) of this report will ensure the project will not result in impacts to this species.

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

Shrubs and trees on the project site contain potential nesting opportunities in ornamental trees during the nesting bird season of February 1 through September 15. Implementation of the measures identified in the Recommendations section of this report (Section 6) will ensure that potential impacts to nesting birds are less than significant.

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

The project is not located within designated federal critical habitat. No impact to critical habitat is expected to occur.

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

Wildlife movement corridors link together areas of suitable habitat that are otherwise separated by rugged terrain, changes in vegetation, or human disturbances. The project site was evaluated for its function as a wildlife corridor that species would use to move between wildlife habitat zones. Typically, mountain canyons or riparian corridors are used by wildlife as corridors; the project site does not contain these features. The project site consists of flat ruderal or disturbed land surrounded by residential development and vacant land. No wildlife movement corridors were found to be present on the project site. No impacts to wildlife movement corridors are expected.

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

The development of the project site would not conflict with local policies or ordinances protecting biological resources.

#### **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 is within the Western Riverside MSHCP. If Western Riverside MSHCP guidelines and requirements are followed, no conflicts are expected.

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

No jurisdictional waters or associated habitat occur on site. Therefore, no impacts to state or federal jurisdictional drainages will result from project implementation.

### **5.0 Western Riverside County MSHCP Consistency Analysis**

#### **5.1 MSHCP Requirements**

The project area is located within the San Jacinto Valley Area Plan of the Western Riverside County MSHCP. The project site is not located within a MSHCP Criteria Cell or Cell Group. A discussion of the applicable Western Riverside County MSHCP requirements follows:

##### *Section 6.1.2 Species Associated with Riparian/Riverine Habitat and Vernal Pools*

The project site does not contain streams or habitat that may be considered riparian/riverine areas as defined in Section 6.1.2 of the Western Riverside County MSHCP. Due to the lack of suitable riparian habitat on the project site, focused surveys for riparian/riverine bird species listed in Section 6.1.2 of the MSHCP are not warranted.

Vernal pools are seasonal depressional wetlands that occur under Mediterranean climate conditions of the west coast and in glaciated conditions of northeastern and midwestern states.

They are covered by shallow water for variable periods from winter to spring but may be completely dry most of the summer and fall. Vernal pools are usually associated with hard clay layers or bedrock, which helps keep water in the pools. Vernal pools and seasonal depressions usually are dominated by hydrophytic plants, hydric soils, and evidence of hydrology.

The entire site was evaluated for the presence of habitat capable of supporting branchiopods. The site was evaluated as described in the USFWS Survey Guidelines for the Listed Large Branchiopods (May 31, 2016). The project area is primarily comprised of sandy loam. The onsite soils do not allow for water pooling on the site for any significant length of time after rain events. No vernal pools, swales, or vernal pool mimics such as ditches, borrow pits, cattle troughs, or cement culverts with signs of pooling water were found on the site. In addition, the site does not contain areas that showed signs of ponding water, hydrophytic vegetation, or soils typical of vernal pools that would be suitable for large branchiopods.

#### *Section 6.1.3 Sensitive Plant Species*

The project site is not located within the Western Riverside County MSHCP Narrow Endemic Plant Species Survey Area (NEPSSA) pursuant to Section 6.1.3 of the MSHCP. Therefore, the NEPSSA requirements are not applicable to the project.

#### *Section 6.1.4 Urban/Wildlands Interface Guidelines*

The project site is not located within or adjacent to a Western Riverside County MSHCP Conservation Area; therefore, the project site is not required to address Section 6.1.4 of the Western Riverside County MSHCP.

#### *Section 6.3.2 Additional Surveys and Procedures*

The project site is not located within the Western Riverside County MSHCP Additional survey areas for amphibians, mammals, or any special linkage areas. In addition, the project site is not located within the Western Riverside County MSHCP Criteria Area Plant Species Survey Area (CAPSSA) pursuant to Section 6.3.2 of the Western Riverside County MSHCP. However, the project site is located within the Western Riverside County MSHCP Additional survey area for burrowing owl.

The habitat assessment conducted on the site found that the project site does provide suitable burrows/nesting opportunities for burrowing owl and the closest CNDDDB occurrence was less than a mile away. Therefore, focused surveys for this species were conducted on the project site in May and June of 2023 (Appendix E). Well-drained soils, ground squirrels and potential burrows were observed on the site. Approximately 29 suitable burrows were identified and recorded on site and within the 150-meter buffer. However, burrowing owl signs such as molted feathers, pellets, prey remains, or whitewash were not found. Further, no burrowing owl were observed on the project site. Based on the absence of burrowing owl and burrowing owl

evidence within the study area, it can be concluded that the study area is not currently in use by burrowing owl.

However, the project site is located within the Western Riverside County MSHCP burrowing owl survey area, a 30-day preconstruction survey is required prior to the commencement of project activities (e.g. vegetation clearing, clearing and grubbing, tree removal, site watering) to ensure that no owls have colonized the site in the days or weeks preceding project activities. If BUOW are found to have colonized the project site prior to the initiation of construction, the project proponent will immediately inform RCA and the Wildlife Agencies and will need to prepare a Burrowing Owl Protection and Relocation Plan for approval by RCA and the Wildlife Agencies prior to initiating ground disturbance. If ground-disturbing activities occur but the site is left undisturbed for more than 30 days, a pre-construction survey will again be necessary to ensure burrowing owl has not colonized the site since it was last disturbed. If burrow owl is found, the same coordination described above will be necessary

## **6.0 Recommendations**

Implementation of the following measures will mitigate any potential impacts resulting from project activities.

### Burrowing Owl

- The project site is located within the Western Riverside County MSHCP burrowing owl survey area, a 30-day preconstruction survey is required prior to the commencement of project activities (e.g. vegetation clearing, clearing and grubbing, tree removal, site watering) to ensure that no owls have colonized the site in the days or weeks preceding project activities.
- If BUOW are found to have colonized the project site prior to the initiation of construction, the project proponent will immediately inform RCA and the Wildlife Agencies and will need to prepare a Burrowing Owl Protection and Relocation Plan for approval by RCA and the Wildlife Agencies prior to initiating ground disturbance.
- If ground-disturbing activities occur but the site is left undisturbed for more than 30 days, a pre-construction survey will again be necessary to ensure burrowing owl has not colonized the site since it was last disturbed. If burrow owl is found, the same coordination described above will be necessary.

### Nesting Birds

- It is recommended that vegetation removal be conducted during the non-nesting season for migratory birds to avoid direct impacts. The non-nesting season is between February 1 and September 15.

- If vegetation removal will occur during the migratory bird nesting season, between February 1 and September 15, it is recommended that pre-construction nesting bird surveys be performed within three days prior to vegetation removal.
- If active nests are found during nesting bird surveys, they shall be flagged, and a 200-foot buffer shall be fenced around the nests.
- A biological monitor shall visit the site once a week during ground disturbing activities to ensure all fencing is in place and no sensitive species are being impacted.

## 7.0 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 08-04-2023

Signed \_\_\_\_\_

PROJECT MANAGER

Fieldwork Performed By:

Elizabeth Gonzalez

---

SENIOR BIOLOGIST

Sarah Vasquez

---

ASSOCIATE BIOLOGIST

## 8.0 References

Burt, W. H., 1986. *A Field Guide to the Mammals in North American North of Mexico*. Houghton Mifflin Company, Boston, Massachusetts.

California Department of Fish and Wildlife (CDFW), Natural Diversity Database (CNDDDB). Accessed January 2023. California Department of Fish and Wildlife, Sacramento, California.

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Peterson, R. 1990. *A Field Guide to Western Birds*. Houghton Mifflin Company, Boston, MA.

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U.S. Fish and Wildlife Service, 1998b. *Endangered and Threatened Wildlife and Plants; Final Rule to List the San Bernardino Kangaroo Rat as Endangered*, Vol. 63, No. 185, pp. 51005 – 51017.

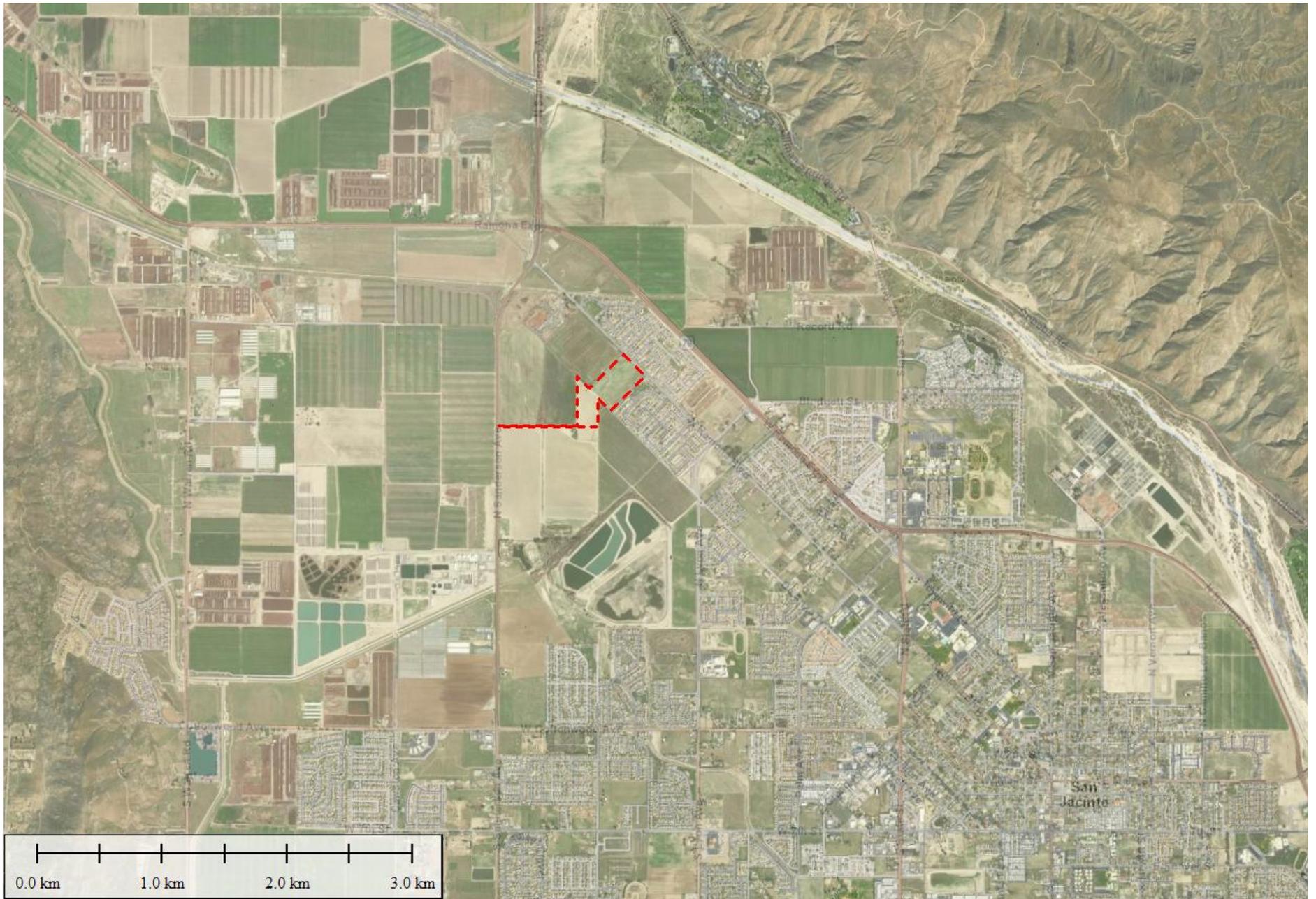
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Western Riverside County Multiple Species Habitat Conservation Plan. *Section 6.0 MSHCP Implementing Structure*.

# FIGURE 1



**Figure 1**  
Location Map  
TTM 38066  
San Jacinto  
Riverside County, California

**Legend**

 Project Site



## **FIGURE 2**



**Figure 2**  
 Vicinity Map  
 TTM 38066  
 San Jacinto  
 Riverside County, California

**Legend**

 Project Site



## **FIGURE 3**

# CITY OF SAN JACINTO TENTATIVE TRACT MAP 38066

## SHEET INDEX

- 1 & 2 TENTATIVE TRACT MAP
- 3 CONCEPTUAL GRADING DRAINAGE PLAN
- 4 CONCEPTUAL UTILITY PLAN
- 5 CONCEPTUAL SIGNING & STRIPING PLAN ALONG RAMONA BLVD
- 6 PRELIMINARY WOMP SITE PLAN

## LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:  
 PARCEL ONE:  
 THAT PORTION OF FARM LOT 129 OF LAND OF SAN JACINTO LAND ASSOCIATION IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA, DESCRIBED AS FOLLOWS:  
 BEGINNING AT THE SOUTHEASTELY CORNER OF SAID LOT 129 WHICH CORNER IS ALSO THE NORTHEASTELY CORNER OF FARM LOT 133 OF SAID LANDS OF SAN JACINTO LAND ASSOCIATION AS SHOWN BY MAP ON FILE IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA; THENCE WESTERLY ALONG THE NORTHERLY LINE OF SAID LOT 133, A DISTANCE OF 561.00 FEET; THENCE NORTHERLY AND PARALLEL TO THE EASTERLY LINE OF SAID LOT 129, A DISTANCE OF 1,325.00 FEET, MORE OR LESS; TO THE NORTHEASTELY CORNER OF SAID LOT 129; THENCE SOUTHEASTELY ALONG THE NORTHEASTELY LINE OF SAID LOT 129, A DISTANCE OF 740.00 FEET, MORE OR LESS; TO THE MOST NORTHERLY CORNER OF FARM LOT 130 OF LANDS OF SAN JACINTO LAND ASSOCIATION AS SHOWN BY MAP ON FILE IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA; THENCE SOUTHERLY ALONG THE EASTERLY LINE OF SAID LOT 129, A DISTANCE OF 750.00 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING.

## TITLE EXCEPTION AND EASEMENTS:

PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019  
 ORDER NUMBER: 00214622-994VNO-CH  
 \*AN EASEMENT IN FAVOR OF THE PUBLIC FOR ROAD PURPOSES (DE ANZA DRIVE) PER MAP OF THE "LANDS OF SAN JACINTO LAND ASSOCIATION", M.B. 8/357 SAN DIEGO COUNTY.  
 (4) RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE, A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE

RECORDING DATE: JANUARY 27, 1953  
 RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

## BENCHMARK:

RIVERSIDE COUNTY BENCH MARK  
 H-48, AUGUST 1985  
 ELEV. = 1464.075

0.3 MILE S'ELY ALONG RAMONA BLVD., FROM THE INTERSECTION OF SANDERSON AVE AND RAMONA BLVD., 1 FT. ± N'LY OF THE S'LY END OF A 5FT LONG X 2 FT HIGH CONCRETE HEADWALL; 4 1/2 FT ± ELY OF THE N'ELY CORNER OF A CONCRETE DRIVEWAY AT 37835 RAMONA BLVD., SET A STD. 3" DIA. ALUM. DISK, STAMPED AS ABOVE, IN THE TOP OF HEADWALL.

## FLOODZONE:

ACCORDING TO THE COUNTY OF MORENO VALLEY FLOOD AND BASED UPON THE NATIONAL INSURANCE PROGRAM MAPS THIS SITE LIES WITHIN FLOOD ZONE A SHADED, COMMUNITY PANEL NO. 06065C1490H DATED APRIL 19, 2017 AND 06065C1470H, AUGUST 28, 2008 AND 06065C1480H, AUGUST 28, 2008 PUBLISHED BY THE FEDERAL INSURANCE ADMINISTRATION.

APN PORTION OF 439-030-001

PARCEL THREE:

THE SOUTHEASTELY HALF OF FARM LOT 7 OF LANDS OF SAN JACINTO LAND ASSOCIATION, IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY.  
 APN: 436-040-006

PARCEL FOUR:

THE NORTHWESTELY QUARTER OF FARM LOT 9 OF LANDS OF SAN JACINTO LAND ASSOCIATION, IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORD OF SAN DIEGO COUNTY.  
 APN: 436-040-008

## LEGEND:

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- RETAINING WALL

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
TOTAL	206 LOTS

## GENERAL NOTES:

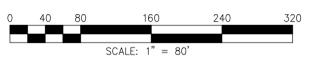
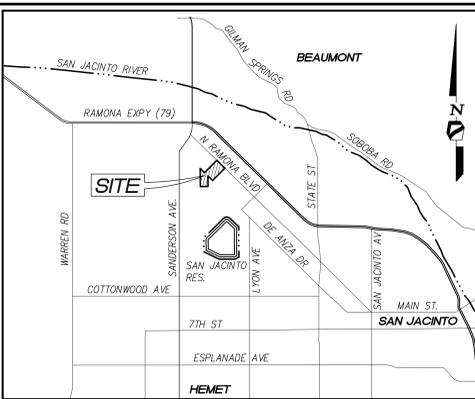
- PROJECT LOCATION: SW SIDE OF RAMONA BLVD BETWEEN SHIMMERING WAY AND RANCH VIEW LANE, SAN JACINTO, CA 92582
- ASSESSOR PARCEL NUMBER: 436-030-001, 436-040-006 & 436-040-008
- EXISTING AND PROPOSED ZONING DESIGNATION: RM / RL
- PLAN DESIGNATION: RM / RL
- SUBDIVISION ACREAGE: 37.87 ACRE
- DATE MAP PREPARED: OCTOBER, 2022
- NUMBERED LOTS / DWELLING UNITS: 184 LOTS
- MIN. LOT SIZE: 4,800 SF
- NUMBER OF OPEN SPACE LOTS: 3 LOTS

## UTILITY PURVEYORS

- WATER & SEWER:**  
 EASTERN MUNICIPAL WATER DISTRICT  
 2270 TRUMBLE ROAD, PERRIS, CALIFORNIA 92572  
 PH: (951) 928-3777
- TELEPHONE/FRONTIER:**  
 REBECCA SMITH  
 PH: (951) 748-6643  
 REBECCA.SMITH@FTR.COM
- SCC:**  
 LETICIA MENDOZA  
 PH: (951) 748-2366  
 LETICIA.MENDOZA@SCC.COM
- SCHOOL DISTRICT:**  
 SAN JACINTO UNIFIED SCHOOL DISTRICT  
 20455 SOUTH SAN JACINTO AVENUE  
 SAN JACINTO, CA 92583  
 PH: (800) 892-2253

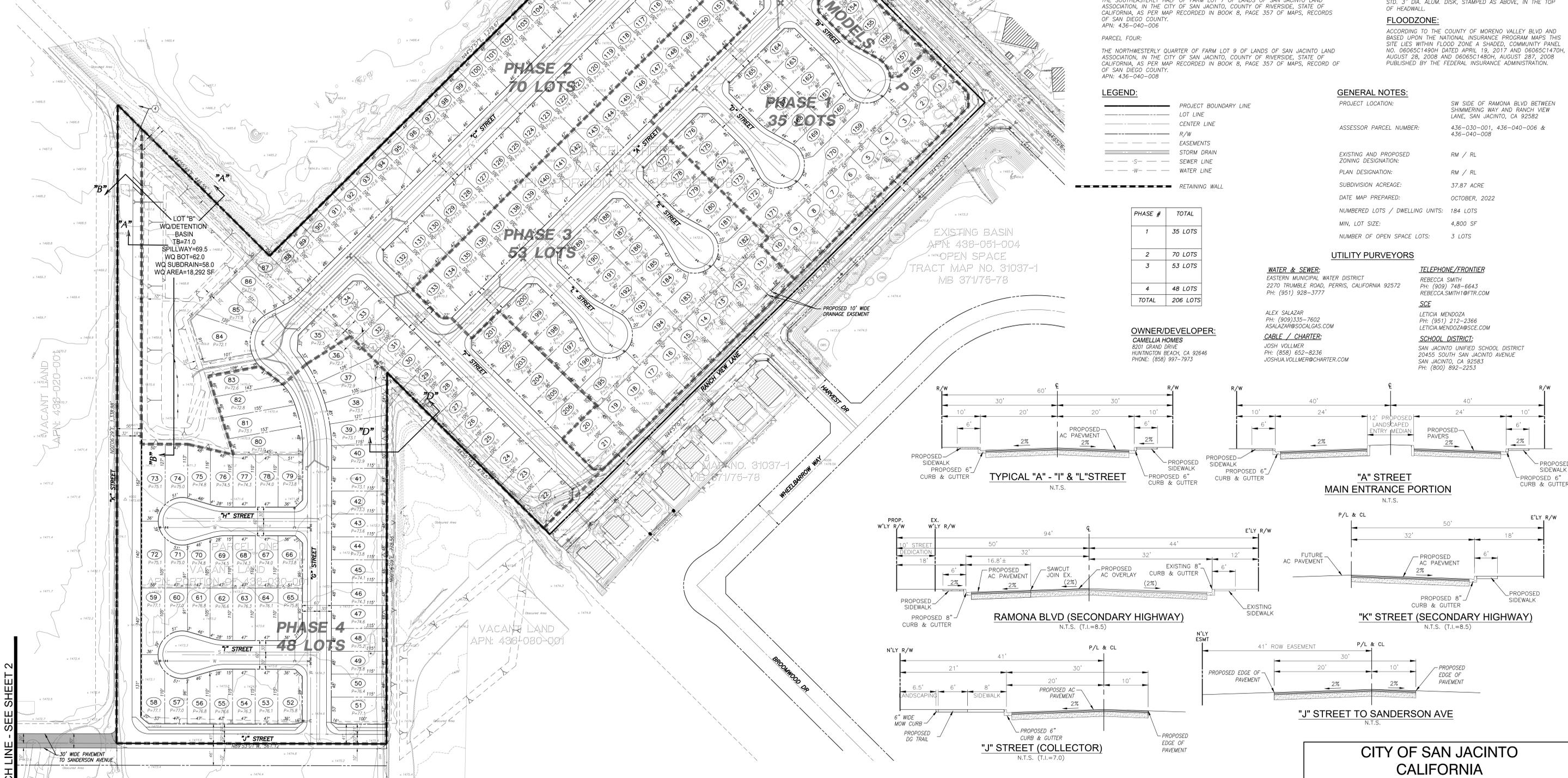
## OWNER/DEVELOPER:

CAMELLIA HOMES  
 8201 GRAND DRIVE  
 HUNTINGTON BEACH, CA 92646  
 PHONE: (858) 997-7973



VACANT  
 APN: 438-040-005

VACANT  
 APN: 438-040-005



MATCH LINE - SEE SHEET 2

REVISION	DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
 IRVINE INC.  
 PLANNING ENGINEERING SURVEYING  
 Three Hughes Irvine, CA 92618 PH: (949) 583-1010 FX: (949) 583-0799

PREPARED UNDER THE SUPERVISION OF:  
 TIN N. HUYNH R.C.E. NO. 69273 DATE

**CITY OF SAN JACINTO CALIFORNIA**  
 VALLE RESEDA  
 TENTATIVE TRACT MAP  
 N. RAMONA BLVD SAN JACINTO, CA 92582

SCALE: AS SHOWN

DRAWING NO. PROJECT NO. SHEET 1 OF 6 SHEETS



# CITY OF SAN JACINTO CONCEPTUAL GRADING DRAINAGE PLAN

EARTHWORK QUANTITIES	
RAW CUT	70,230 CU. YDS.
RAW FILL	70,230 CU. YDS.
NET EXPORT	0 CU. YDS.

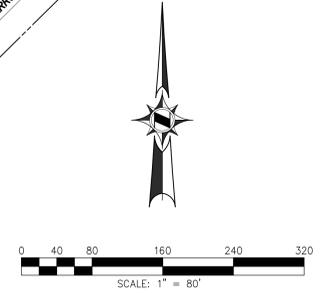
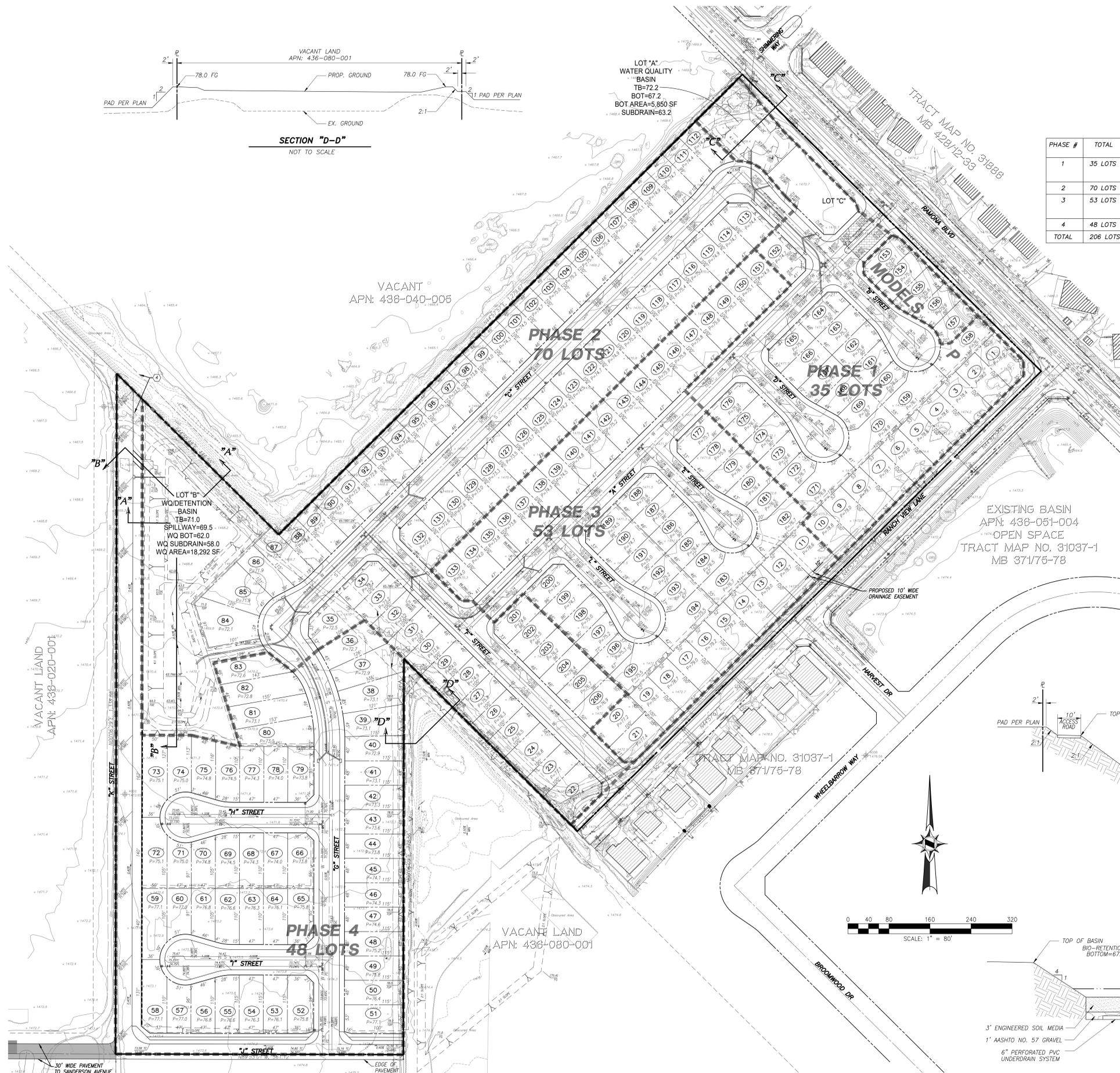
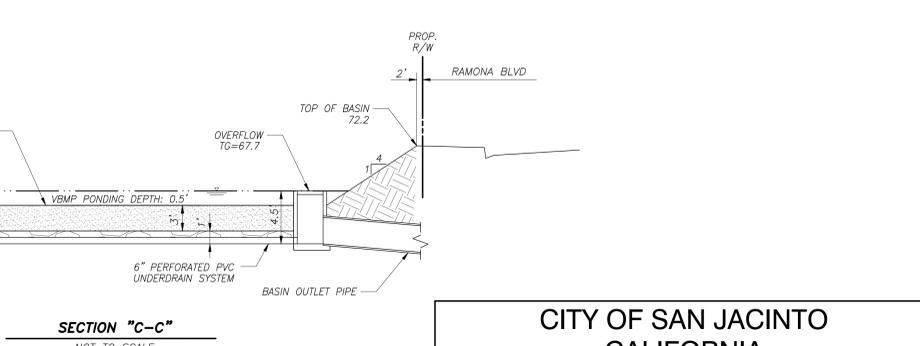
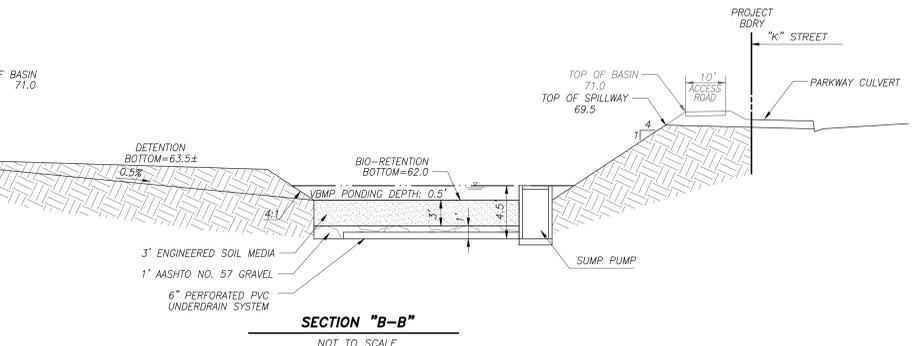
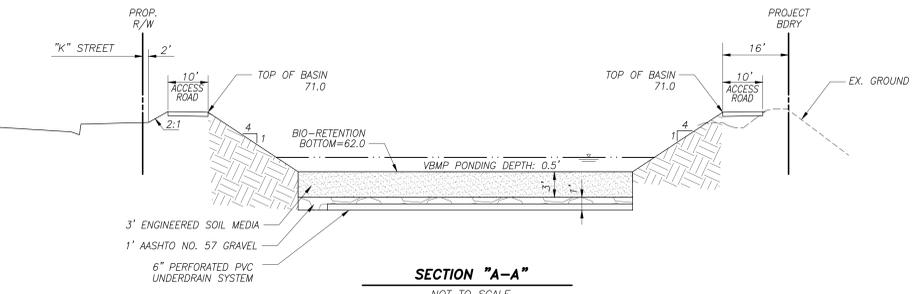
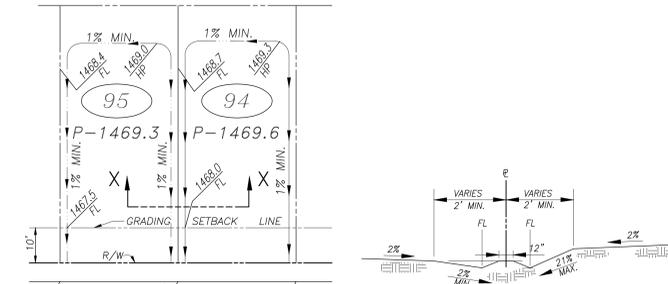
**TITLE EXCEPTIONS AND EASEMENTS**  
 PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019, ORDER NUMBER: 00214622-994-WO-CH  
 4 RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE. A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE  
 RECORDING DATE: JANUARY 27, 1953  
 RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
<b>TOTAL</b>	<b>206 LOTS</b>

**LEGEND:**

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- EDF - EDGE OF DEEPEEN FOOTING
- BTM - BOTTOM
- C - CUT FILL TRANSITION LINE
- F - PROPOSED DRAINAGE PATTERN
- EXISTING DRAINAGE PATTERN
- PROPOSED AC PAVEMENT

- TC - TOP OF CURB
- FL - FLOWLINE
- BW - BACK OF WALK
- HP - HIGH POINT
- P - PAD ELEVATION
- FF - FINISH FLOOR
- FS - FINISH SURFACE
- GB - GRADE BREAK
- BSL - BUILDING SETBACK LINE
- FG - FINISH GROUND
- NG - NATURAL GROUND
- TF - TOP OF BLOCK WALL FOOTING
- TG - TOP OF GRATE
- S - SEWER
- W - WATER
- INV - INVERT



REVISION	DESCRIPTION	REC.	APPR.	DATE

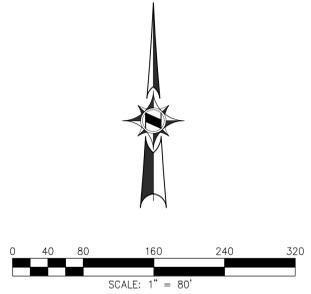


**HUNSAKER & ASSOCIATES**  
 IRVINE INC.  
 ENGINEERING PLANNING SURVEYING  
 Three Hughes Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0799  
 PREPARED UNDER THE SUPERVISION OF:  
 TIN N. HUYNH R.C.E. NO. 69273 DATE

**CITY OF SAN JACINTO CALIFORNIA**  
 VALLE RESEDA  
 CONCEPTUAL GRADING DRAINAGE PLAN  
 N. RAMONA BLVD SAN JACINTO, CA 92582

DRAWING NO. PROJECT NO. SCALE: AS SHOWN  
 SHEET 3 OF 6 SHEETS

# CITY OF SAN JACINTO CONCEPTUAL UTILITY PLAN



VACANT  
APN: 438-040-005

LOT "A"  
WATER QUALITY  
BASIN  
TB=72.2  
BOT=67.2  
BOT AREA=5,850 SF  
SUBDRAIN=63.2

EXISTING BASIN  
APN: 438-051-004  
OPEN SPACE  
TRACT MAP NO. 31037-1  
MB 37175-78

VACANT LAND  
APN: 438-080-001

PARCEL TWO  
VACANT LAND  
APN: PORTION OF 438-030-001

### LEGEND:

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- S- SEWER LINE
- W- WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- ⊗ EXISTING FIRE HYDRANT
- ⊗ WV WATER VALVE
- ⊗ PP POWER POLE
- ⊗ WM WATER METER
- ⊗ FB FULL-BOX
- ⊗ CO SEWER CLEAN-OUT
- ⊗ EXISTING STREET SIGNAL
- ⊗ P PARKING LIGHT
- ⊗ IRR. WM IRRIGATION WATER METER
- ⊗ DDC DOUBLE DETECTOR CHECK VALVE
- ⊗ SMH SEWER MANHOLE
- ⊗ CB CATCH BASIN
- ⊗ FDC FIRE DETECTOR CHECK VALVE

### TITLE EXCEPTIONS AND EASEMENTS

PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019, ORDER NUMBER: 00214622-994-VNO-CH

4 RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE, A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE

RECORDING DATE: JANUARY 27, 1953  
RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

### UTILITY & SERVICE AGENCIES:

- ELECTRIC:** SOUTHERN CALIFORNIA EDISON  
PH: (800) 655-4555
- GAS:** THE GAS COMPANY  
527 N. SAN JACINTO AVE, HEMET, CA 92583  
PH: 1-800-427-2200
- WATER & SEWER:** EASTERN MUNICIPAL/WATER DISTRICT  
2270 TRUMBLE ROAD  
(951) 928-3777
- CABLE/BROADBAND:** TIME WARNER  
PH: 1-800-892-2253
- TELEPHONE/FIOS TV /BROADBAND:** VERIZON CALIFORNIA  
PH: 1-800-483-4000
- SCHOOL DISTRICT:** SAN JACINTO UNIFIED SCHOOL DISTRICT  
2045 S. SAN JACINTO AVENUE, SAN JACINTO, CA 92583  
PH: 1-800-892-2253

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
<b>TOTAL</b>	<b>206 LOTS</b>

REVISION	DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
IRVINE INC.  
PLANNING ENGINEERING SURVEYING  
Three Hughes Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0799

PREPARED UNDER THE SUPERVISION OF:  
TIN H. HUYNH R.C.E. NO. 69273 DATE

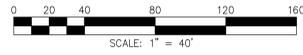
**CITY OF SAN JACINTO  
CALIFORNIA**

VALLE RESEDA  
CONCEPTUAL UTILITY PLAN  
N. RAMONA BLVD SAN JACINTO, CA 92582

DRAWING NO. PROJECT NO. SCALE: AS SHOWN

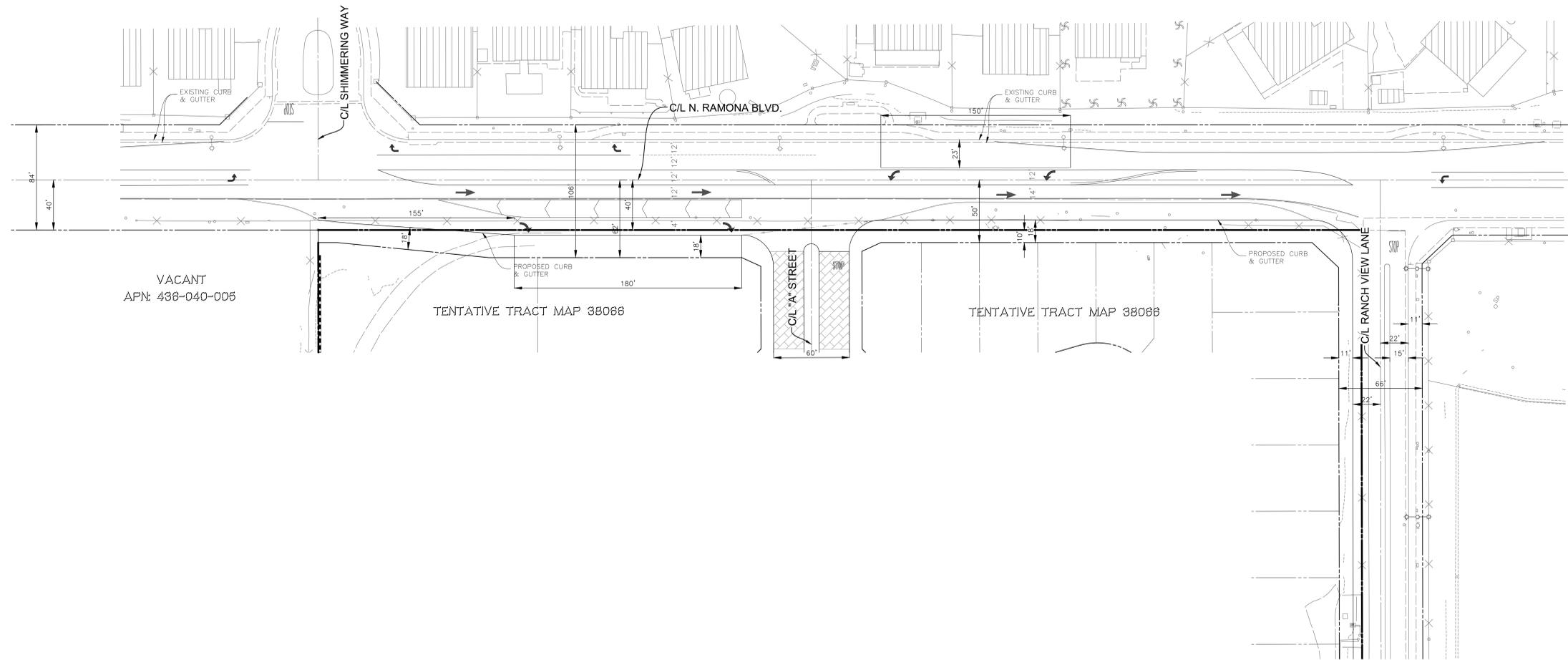
SHEET 4 OF 6 SHEETS

CITY OF SAN JACINTO, COUNTY OF RIVERSIDE  
**CONCEPTUAL SIGNING & STRIPING PLAN**  
 RAMONA BLVD., TTM 38066

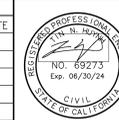


**LEGEND:**

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS



REVISION			
DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
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 Three Hughes Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0759

PREPARED UNDER THE SUPERVISION OF:  
 TIN N. HUYNH R.C.E. NO. 69273 DATE

**CITY OF SAN JACINTO**  
**CALIFORNIA**

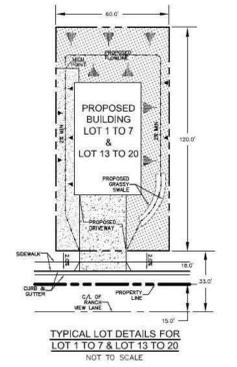
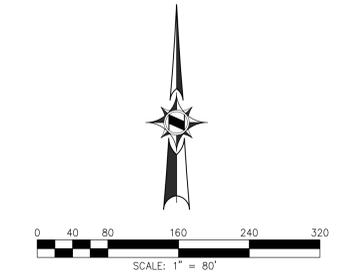
VALLE RESEDA  
 CONCEPTUAL SIGNING & STRIPING PLAN  
 N. RAMONA BLVD SAN JACINTO, CA 92582

DRAWING NO. PROJECT NO. SCALE: AS SHOWN

SHEET 5 OF 6 SHEETS

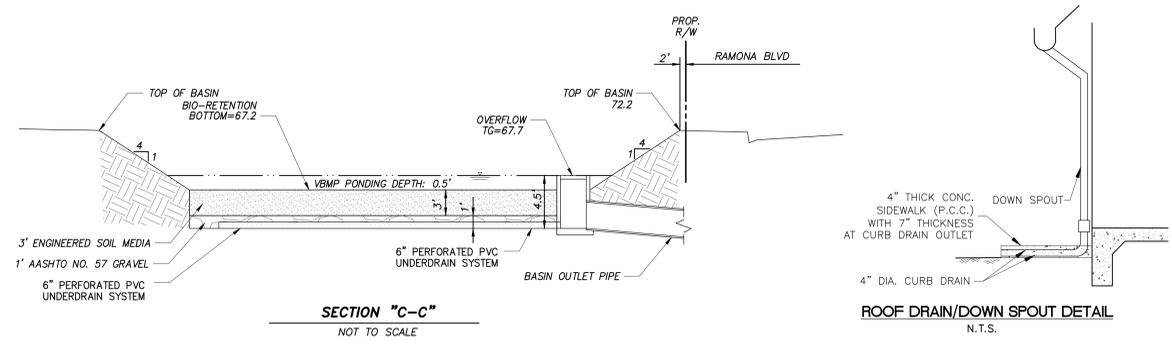
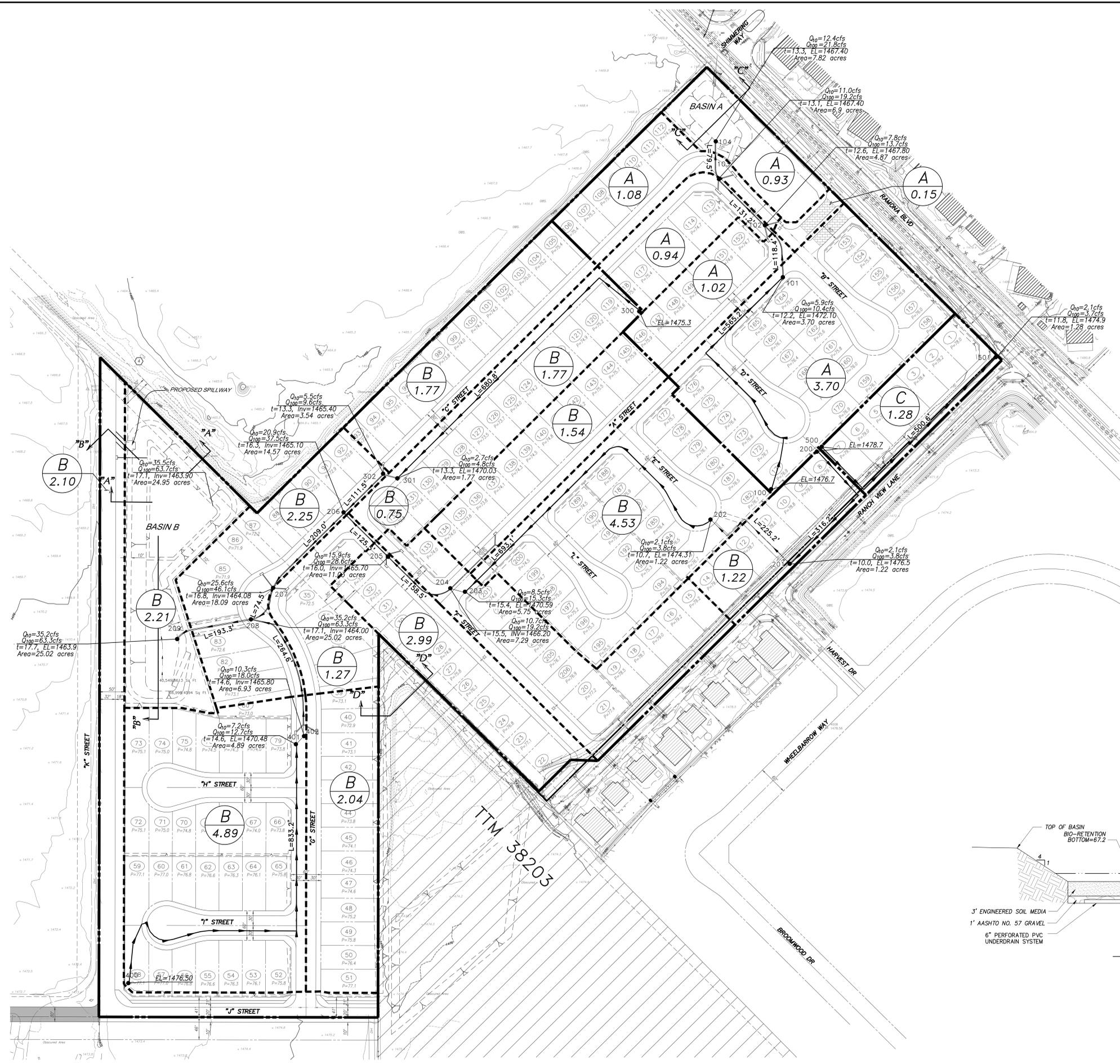
W.O. 4513-1 TRACT NO. 38066 TENTATIVE TRACT MAP

# CITY OF SAN JACINTO POST-CONSTRUCTION BMP SITE PLAN FOR SILVER BEACH VALLE RESEDA TRACT 38066



## LEGEND

- D  
3.0 DRAINAGE AREA
- ACREAGE
- MAJOR DRAINAGE AREA BOUNDARY
- - - SUBAREA DRAINAGE BOUNDARY
- PROPOSED STORM DRAIN
- FLOW LINE (SURFACE FLOW)
- FLOW LINE (PIPE FLOW)
- 1 NODE & NODE #
- ==== EXISTING STORM DRAIN



REVISION	DESCRIPTION	REC.	APPR.	DATE



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IRVINE INC.  
PLANNING • ENGINEERING • SURVEYING  
Three Hughes Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0799  
PREPARED UNDER THE SUPERVISION OF:  
TIN N. HUYNH R.C.E. NO. 69273 DATE

**CITY OF SAN JACINTO  
CALIFORNIA  
VALLE RESEDA**

N. RAMONA BLVD SAN JACINTO, CA 92582

SCALE: AS SHOWN

DRAWING NO. PROJECT NO. SHEET 6 OF 6 SHEETS

## **FIGURE 4**



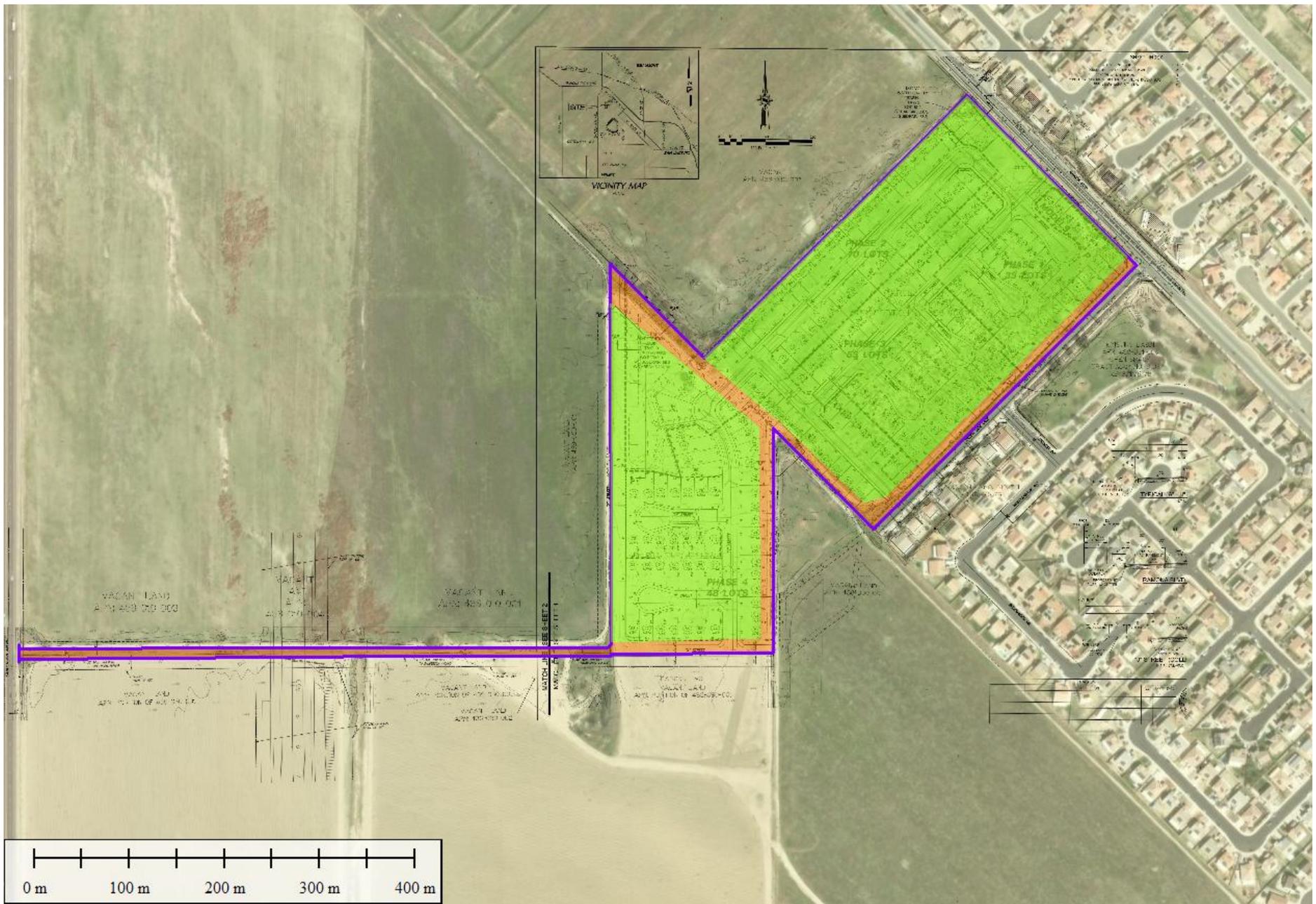
**Figure 4**  
Habitat Map  
TTM 38066  
San Jacinto  
Riverside County, California

**Legend**

-  Property Line (37.87 Acres)
-  Ruderal (31.42 Acres)
-  Disturbed (6.45 Acres)



## **FIGURE 5**



**Figure 5**  
 Limits of Impact Map  
 TTM 38066  
 San Jacinto  
 Riverside County, California

**Legend**

-  Limits of Impact (39.46 Acres)
-  Ruderal (31.42 Acres)
-  Disturbed (8.04 Acres)



# **APPENDIX A**

## Species List

### **Plant List**

<i>Ailanthus altissima</i>	Tree of heaven
<i>Amsinckia intermedia</i>	Common fiddleneck
<i>Bassia scoparia</i>	Summer cypress
<i>Brassica tournefortii</i>	Asian mustard
<i>Bromus madritensis</i>	Red brome
<i>Erodium cicutarium</i>	Redstem filaree
<i>Hirschfeldia incana</i>	Shortpod mustard
<i>Hordeum</i> sp.	Barley
<i>Lactuca serriola</i>	Prickly lettuce
<i>Malva parviflora</i>	Cheeseweed
<i>Marrubium vulgare</i>	White horehound
<i>Nicotiana attenuata</i>	Coyote tobacco
<i>Oncosiphon piluliferum</i>	Stinknet
<i>Populus fremontii</i>	Fremont cottonwood
<i>Salix gooddingii</i>	Black willow
<i>Salsola tragus</i>	Tumbleweed
<i>Sambucus</i> sp.	Elderberry sp.

**Animal List**

*Accipiter cooperii*

Cooper's hawk

*Charadrius vociferus*

Killdeer

*Haemorhous mexicanus*

House finch

*Spinus psaltria*

Lesser goldfinch

## **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 habitat for this species is present on the project site. <b>This species is not present.</b>
<i>Allium marvinii</i>	Yucaipa onion	Monocots	None	None	1B.2	Chaparral	Chaparral.	In openings on clay soils. 850-1070 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
<i>Allium munzii</i>	Munz's onion	Monocots	Endangered	Threatened	1B.1	Chaparral   Cismontane woodland   Coastal scrub   Pinon & juniper woodlands   Valley & foothill grassland	Chaparral, coastal scrub, cismontane woodland, pinyon and juniper woodland, valley and foothill grassland.	Heavy clay soils; grows in grasslands and openings within shrublands or woodlands. 375-1040 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Astragalus hornii var. hornii	Horn's milk-vetch	Dicots	None	None	1B.1	Alkali playa   Meadow & seep   Wetland	Meadows and seeps, playas.	Lake margins, alkaline sites. 75-350 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Astragalus lentiginosus var. coachellae	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.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Astragalus pachypus var. jaegeri	Jaeger's milk-vetch	Dicots	None	None	1B.1	Chaparral   Cismontane woodland   Coastal scrub   Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland.	Dry ridges and valleys and open sandy slopes; often in grassland and oak-chaparral. 365-1040 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Atriplex coronata var. notatior	San Jacinto Valley crownscale	Dicots	Endangered	None	1B.1	Alkali playa   Valley & foothill grassland   Vernal pool   Wetland	Playas, valley and foothill grassland, vernal pools.	Alkaline areas in the San Jacinto River Valley. 35-460 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Atriplex parishii	Parish's brittlescale	Dicots	None	None	1B.1	Alkali playa   Chenopod scrub   Meadow & seep   Vernal pool   Wetland	Vernal pools, chenopod scrub, playas.	Usually on drying alkali flats with fine soils. 4-1420 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Atriplex serenana var. davidsonii	Davidson's saltscale	Dicots	None	None	1B.2	Coastal bluff scrub   Coastal scrub	Coastal bluff scrub, coastal scrub.	Alkaline soil. 0-480 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Brodiaea filifolia	thread-leaved brodiaea	Monocots	Threatened	Endangered	1B.1	Chaparral   Cismontane woodland   Coastal scrub   Valley & foothill grassland   Vernal pool   Wetland	Chaparral (openings), cismontane woodland, coastal scrub, playas, valley and foothill grassland, vernal pools.	Usually associated with annual grassland and vernal pools; often surrounded by shrubland habitats. Occurs in openings on clay soils. 15-1030 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Calochortus palmeri var. munzii	San Jacinto mariposa-lily	Monocots	None	None	1B.2	Chaparral   Lower montane coniferous forest   Meadow & seep	Lower montane coniferous forest, chaparral, meadows and seeps.	Seen in open Jeffrey pine forest as well as in chaparral. 940-1815 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
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 habitat for this species is present on the project site. <b>This species is not present.</b>

Calochortus plummerae	Plummer's mariposa-lily	Monocots	None	None	4.2	Chaparral   Cismontane woodland   Coastal scrub   Lower montane coniferous forest   Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, lower montane coniferous forest.	Occurs on rocky and sandy sites, usually of granitic or alluvial material. Can be very common after fire. 60-2500 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Calochortus weedii var. intermedius	intermediate mariposa-lily	Monocots	None	None	1B.2	Chaparral   Coastal scrub   Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland.	Dry, rocky calcareous slopes and rock outcrops. 60-1575 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Canyon Live Oak Ravine Forest	Canyon Live Oak Ravine Forest	Riparian	None	None		Riparian forest			<b>This is not present.</b>
Caulanthus simulans	Payson's jewelflower	Dicots	None	None	4.2	Chaparral   Coastal scrub	Chaparral, coastal scrub.	Frequently in burned areas, or in disturbed sites such as streambeds; also on rocky, steep slopes. Sandy, granitic soils. 90-2200 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Centromadia pungens ssp. laevis	smooth tarplant	Dicots	None	None	1B.1	Alkali playa   Chenopod scrub   Meadow & seep   Riparian woodland   Valley & foothill grassland   Wetland	Valley and foothill grassland, chenopod scrub, meadows and seeps, playas, riparian woodland.	Alkali meadow, alkali scrub; also in disturbed places. 5- 1170 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Chorizanthe parryi var. parryi	Parry's spineflower	Dicots	None	None	1B.1	Chaparral   Cismontane woodland   Coastal scrub   Valley & foothill grassland	Coastal scrub, chaparral, cismontane woodland, valley and foothill grassland.	Dry slopes and flats; sometimes at interface of 2 vegetation types, such as chaparral and oak woodland. Dry, sandy soils. 90- 1220 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Chorizanthe polygonoides var. longispina	long-spined spineflower	Dicots	None	None	1B.2	Chaparral   Coastal scrub   Meadow & seep   Ultramafic   Valley & foothill grassland   Vernal pool	Chaparral, coastal scrub, meadows and seeps, valley and foothill grassland, vernal pools.	Gabbroic clay. 30- 1630 m.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
Deinandra mohavensis	Mojave tarplant	Dicots	None	Endangered	1B.3	Chaparral   Coastal scrub   Riparian scrub	Riparian scrub, coastal scrub, chaparral.	Low sand bars in river bed; mostly in riparian areas or in ephemeral grassy areas. 640-1645 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Desert Fan Palm Oasis Woodland	Desert Fan Palm Oasis Woodland	Riparian	None	None		Riparian woodland			<b>This is 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.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Galium angustifolium ssp. jacinticum	San Jacinto Mountains bedstraw	Dicots	None	None	1B.3	Lower montane coniferous forest	Lower montane coniferous forest.	Open mixed forest. 1190-2440 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Galium californicum ssp. primum	Alvin Meadow bedstraw	Dicots	None	None	1B.2	Chaparral   Lower montane coniferous forest	Chaparral, lower montane coniferous forest.	Grows in shade of trees and shrubs at the lower edge of the pine belt, in pine forest-chaparral ecotone. Granitic, sandy soils. 1460-1830 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Harpagonella palmeri	Palmer's grapplinghook	Dicots	None	None	4.2	Chaparral   Coastal scrub   Valley & foothill grassland	Chaparral, coastal scrub, valley and foothill grassland.	Clay soils; open grassy areas within shrubland. 20-955 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Horkelia cuneata var. puberula	mesa horkelia	Dicots	None	None	1B.1	Chaparral   Cismontane woodland   Coastal scrub	Chaparral, cismontane woodland, coastal scrub.	Sandy or gravelly sites. 15-1645 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Imperata brevifolia	California satintail	Monocots	None	None	2B.1	Chaparral   Coastal scrub   Meadow & seep   Mojavean desert scrub   Riparian scrub   Wetland	Coastal scrub, chaparral, riparian scrub, mojavean desert scrub, meadows and seeps (alkali), riparian scrub.	Mesic sites, alkali seeps, riparian areas. 3-1495 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Lasthenia glabrata ssp. coulteri	Coulter's goldfields	Dicots	None	None	1B.1	Alkali playa   Marsh & swamp   Salt marsh   Vernal pool   Wetland	Coastal salt marshes, playas, vernal pools.	Usually found on alkaline soils in playas, sinks, and grasslands. 1-1375 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Lepidium virginicum var. robinsonii	Robinson's pepper-grass	Dicots	None	None	4.3	Chaparral   Coastal scrub	Chaparral, coastal scrub.	Dry soils, shrubland. 4-1435 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Lilium parryi	lemon lily	Monocots	None	None	1B.2	Lower montane coniferous forest   Meadow & seep   Riparian forest   Upper montane coniferous forest   Wetland	Lower montane coniferous forest, meadows and seeps, riparian forest, upper montane coniferous forest.	Wet, mountainous terrain; generally in forested areas; on shady edges of streams, in open boggy meadows and seeps. 625-2930 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Mentzelia tricuspidis	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 habitat for this species is present on the project site. <b>This species is not present.</b>

Monardella nana ssp. leptosiphon	San Felipe monardella	Dicots	None	None	1B.2	Chaparral   Lower montane coniferous forest	Chaparral, lower montane coniferous forest.	Sometimes in openings and fuelbreaks or in the understory of forest or chaparral. 850-2425 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Myosurus minimus ssp. apus	little mousetail	Dicots	None	None	3.1	Valley & foothill grassland   Vernal pool   Wetland	Vernal pools, valley and foothill grassland.	Alkaline soils. 20- 640 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Nama stenocarpa	mud nama	Dicots	None	None	2B.2	Marsh & swamp   Wetland	Marshes and swamps.	Lake shores, river banks, intermittently wet areas. 15-815 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Navarretia fossalis	spreading navarretia	Dicots	Threatened	None	1B.1	Alkali playa   Chenopod scrub   Marsh & swamp   Vernal pool   Wetland	Vernal pools, chenopod scrub, marshes and swamps, playas.	San Diego hardpan and San Diego claypan vernal pools; in swales and vernal pools, often surrounded by other habitat types. 15-850 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Orcuttia californica	California Orcutt grass	Monocots	Endangered	Endangered	1B.1	Vernal pool   Wetland	Vernal pools.	10-660 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Penstemon californicus	California beardtongue	Dicots	None	None	1B.2	Chaparral   Lower montane coniferous forest   Pinon & juniper woodlands	Chaparral, lower montane coniferous forest, pinyon and juniper woodland.	Stony slopes and shrubby openings; sandy or granitic soils. 240-2290 m.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
Pseudognaphalium leucocephalum	white rabbit-tobacco	Dicots	None	None	2B.2	Chaparral   Cismontane woodland   Coastal scrub   Riparian woodland	Riparian woodland, cismontane woodland, coastal scrub, chaparral.	Sandy, gravelly sites. 35-515 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Saltugilia latimeri	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 habitat for this species is present on the project site. <b>This species is not present.</b>

Scutellaria bolanderi ssp. austromontana	southern mountains skullcap	Dicots	None	None	1B.2	Chaparral   Cismontane woodland   Lower montane coniferous forest	Chaparral, cismontane woodland, lower montane coniferous forest.	In gravelly soils on streambanks or in mesic sites in oak or pine woodland. 425-2000 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Sidalcea neomexicana	salt spring checkerbloom	Dicots	None	None	2B.2	Alkali playa   Chaparral   Coastal scrub   Lower montane coniferous forest   Mojavean desert scrub   Wetland	Playas, chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub.	Alkali springs and marshes. 3-2380 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	Riparian	None	None		Riparian forest			<b>This is not present.</b>
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	Riparian	None	None		Riparian forest			<b>This is not present.</b>
Southern Mixed Riparian Forest	Southern Mixed Riparian Forest	Riparian	None	None		Riparian forest			<b>This is not present.</b>
Southern Riparian Scrub	Southern Riparian Scrub	Riparian	None	None		Riparian scrub			<b>This is not present.</b>

Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	Riparian	None	None		Riparian woodland			<b>This is not present.</b>
Streptanthus bernardinus	Laguna Mountains jewelflower	Dicots	None	None	4.3	Chaparral   Lower montane coniferous forest   Upper montane coniferous forest	Chaparral, lower montane coniferous forest.	Clay or decomposed granite soils; sometimes in disturbed areas such as streamsid es or roadcuts. 1440-2500 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Symphotrichum defoliatum	San Bernardino aster	Dicots	None	None	1B.2	Cismontane woodland   Coastal scrub   Lower montane coniferous forest   Marsh & swamp   Meadow & seep   Valley & foothill grassland	Meadows and seeps, cismontane woodland, coastal scrub, lower montane coniferous forest, marshes and swamps, valley and foothill grassland.	Vernally mesic grassland or near ditches, streams and springs; disturbed areas. 3-2045 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Tortula californica	California screw moss	Bryophytes	None	None	1B.2	Chenopod scrub   Valley & foothill grassland	Chenopod scrub, valley and foothill grassland.	Moss growing on sandy soil. 45-750 m.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Trichocoronis wrightii var. wrightii	Wright's trichocoronis	Dicots	None	None	2B.1	Marsh & swamp   Meadow & seep   Riparian forest   Vernal pool   Wetland	Marshes and swamps, riparian forest, meadows and seeps, vernal pools.	Mud flats of vernal lakes, drying river beds, alkali meadows. 5-435 m.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
Agelaius tricolor	tricolored blackbird	Birds	None	Threatened	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_EN-Endangered   USFWS_BCC-Birds of Conservation Concern	Freshwater marsh   Marsh & swamp   Swamp   Wetland	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California.	Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Aimophila ruficeps canescens	southern California rufous-crowned sparrow	Birds	None	None	CDFW_WL-Watch List	Chaparral   Coastal scrub	Resident in Southern California coastal sage scrub and sparse mixed chaparral.	Frequents relatively steep, often rocky hillsides with grass and forb patches.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Anaxyrus californicus	arroyo toad	Amphibians	Endangered	None	CDFW_SSC-Species of Special Concern   IUCN_EN-Endangered	Desert wash   Riparian scrub   Riparian woodland   South coast flowing waters   South coast standing waters	Semi-arid regions near washes or intermittent streams, including valley-foothill and desert riparian, desert wash, etc.	Rivers with sandy banks, willows, cottonwoods, and sycamores; loose, gravelly areas of streams in drier parts of range.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
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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 habitat for this species is present on the project site. <b>This species is not present.</b>
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<p>Aquila chrysaetos</p>	<p>golden eagle</p>	<p>Birds</p>	<p>None</p>	<p>None</p>	<p>BLM_S- Sensitive   CDF_S- Sensitive   CDFW_FP- Fully Protected   CDFW_WL- Watch List   IUCN_LC- Least Concern</p>	<p>Broadleaved upland forest   Cismontane woodland   Coastal prairie   Great Basin grassland   Great Basin scrub   Lower montane coniferous forest   Pinon &amp; juniper woodlands   Upper montane coniferous forest   Valley &amp; foothill grassland</p>	<p>Rolling foothills, mountain areas, sage-juniper flats, and desert.</p>	<p>Cliff-walled canyons provide nesting habitat in most parts of range; also, large trees in open areas.</p>	<p>No habitat for this species is present on the project site. <b>This species is not present.</b></p>
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Arizona elegans occidentalis	California glossy snake	Reptiles	None	None	CDFW_SSC- Species of Special Concern		Patchily distributed from the eastern portion of San Francisco Bay, southern San Joaquin Valley, and the Coast, Transverse, and Peninsular ranges, south to Baja California.	Generalist reported from a range of scrub and grassland habitats, often with loose or sandy soils.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Artemisospiza belli belli	Bell's sparrow	Birds	None	None	CDFW_WL- Watch List	Chaparral   Coastal scrub	Nests in chaparral dominated by fairly dense stands of chamise. Found in coastal sage scrub in south of range.	Nest located on the ground beneath a shrub or in a shrub 6-18 inches above ground. Territories about 50 yds apart.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Aspidoscelis hyperythra	orange-throated whiptail	Reptiles	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern   USFS_S-Sensitive	Chaparral   Cismontane woodland   Coastal scrub	Inhabits low-elevation coastal scrub, chaparral, and valley-foothill hardwood habitats.	Prefers washes and other sandy areas with patches of brush and rocks. Perennial plants necessary for its major food: termites.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Aspidoscelis tigris stejnegeri	coastal whiptail	Reptiles	None	None	CDFW_SSC-Species of Special Concern		Found in deserts and semi-arid areas with sparse vegetation and open areas. Also found in woodland and riparian areas.	Ground may be firm soil, sandy, or rocky.	No habitat for this species is present on the project site. <b>This species is not present.</b>

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.	Suitable habitat for this species is present on the project site. This species was not observed during focused surveys. <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 habitat for this species is present on the project site. <b>This species is not present.</b>

Branchinecta lynchi	vernal pool fairy shrimp	Crustaceans	Threatened	None	IUCN_VU-Vulnerable	Valley & foothill grassland   Vernal pool   Wetland	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools.	Inhabit small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Buteo regalis	ferruginous hawk	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Great Basin grassland   Great Basin scrub   Pinon & juniper woodlands   Valley & foothill grassland	Open grasslands, sagebrush flats, desert scrub, low foothills and fringes of pinyon and juniper habitats.	Eats mostly lagomorphs, ground squirrels, and mice. Population trends may follow lagomorph population cycles.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Campylorhynchus brunneicapillus sandiegensis	coastal cactus wren	Birds	None	None	CDFW_SSC-Species of Special Concern   USFS_S-Sensitive   USFWS_BCC-Birds of Conservation Concern	Coastal scrub	Southern California coastal sage scrub.	Wrens require tall opuntia cactus for nesting and roosting.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Chaetodipus californicus femoralis	Dulzura pocket mouse	Mammals	None	None	CDFW_SSC- Species of Special Concern	Chaparral   Coastal scrub   Valley & foothill grassland	Variety of habitats including coastal scrub, chaparral and grassland in San Diego County.	Attracted to grass-chaparral edges.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Chaetodipus fallax fallax	northwestern San Diego pocket mouse	Mammals	None	None	CDFW_SSC- Species of Special Concern	Chaparral   Coastal scrub	Coastal scrub, chaparral, grasslands, sagebrush, etc. in western San Diego County.	Sandy, herbaceous areas, usually in association with rocks or coarse gravel.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>

Charina umbratica	southern rubber boa	Reptiles	None	Threatened	IUCN_VU-Vulnerable   USFS_S-Sensitive	Meadow & seep   Riparian forest   Riparian woodland   Upper montane coniferous forest   Wetland	Found in a variety of montane forest habitats. Previously considered morphologically intermediate, recent (2022) genomic analysis clarifies individuals from Mt Pinos, Tehachapi Mts, and southern Sierra Nevada are southern rubber boa.	Found in vicinity of streams or wet meadows; requires loose, moist soil for burrowing; seeks cover in rotting logs, rock outcrops, and under surface litter.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Circus hudsonius	northern harrier	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern   USFWS_BCC-Birds of Conservation Concern	Coastal scrub   Great Basin grassland   Marsh & swamp   Riparian scrub   Valley & foothill grassland   Wetland	Coastal salt and freshwater marsh. Nest and forage in grasslands, from salt grass in desert sink to mountain cienagas.	Nests on ground in shrubby vegetation, usually at marsh edge; nest built of a large mound of sticks in wet areas.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Coccyzus americanus occidentalis	western yellow-billed cuckoo	Birds	Threatened	Endangered	BLM_S-Sensitive   USFS_S-Sensitive	Riparian forest	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems.	Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Coleonyx variegatus abbotti	San Diego banded gecko	Reptiles	None	None	CDFW_SSC-Species of Special Concern	Chaparral   Coastal scrub	Coastal and cismontane Southern California.	Found in granite or rocky outcrops in coastal scrub and chaparral habitats.	No habitat for this species is present on the project site. <b>This species is not present.</b>

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 scrub   Sonoran thorn woodland   Upper montane coniferous forest   Valley & foothill	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 habitat for this species is present on the project site. <b>This species is not present.</b>
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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 habitat for this species is present on the project site. <b>This species is not present.</b>
Cypseloides niger	black swift	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_VU-Vulnerable   USFWS_BCC-Birds of Conservation Concern		Coastal belt of Santa Cruz and Monterey counties; central and southern Sierra Nevada; San Bernardino and San Jacinto mountains.	Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Dipodomys merriami parvus	San Bernardino kangaroo rat	Mammals	Endangered	Candidate Endangered	CDFW_SSC-Species of Special Concern	Coastal scrub	Alluvial scrub vegetation on sandy loam substrates characteristic of alluvial fans and flood plains.	Needs early to intermediate seral stages.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Dipodomys stephensi	Stephens' kangaroo rat	Mammals	Threatened	Threatened	IUCN_VU-Vulnerable	Coastal scrub   Valley & foothill grassland	Primarily annual and perennial grasslands, but also occurs in coastal scrub and sagebrush with sparse canopy cover.	Prefers buckwheat, chamise, brome grass and filaree. Will burrow into firm soil.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Elanus leucurus	white-tailed kite	Birds	None	None	BLM_S-Sensitive   CDFW_FP-Fully Protected   IUCN_LC-Least Concern	Cismontane woodland   Marsh & swamp   Riparian woodland   Valley & foothill grassland   Wetland	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland.	Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Empidonax traillii extimus	southwestern willow flycatcher	Birds	Endangered	Endangered		Riparian woodland	Riparian woodlands in Southern California.		No habitat for this species is present on the project site. <b>This species is not present.</b>

<p>Emys marmorata</p>	<p>western pond turtle</p>	<p>Reptiles</p>	<p>None</p>	<p>None</p>	<p>BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_VU-Vulnerable   USFS_S-Sensitive</p>	<p>Aquatic   Artificial flowing waters   Klamath/North coast flowing waters   Klamath/North coast standing waters   Marsh &amp; swamp   Sacramento/San Joaquin flowing waters   Sacramento/San Joaquin standing waters   South coast flowing waters   South coast standing waters   Wetland</p>	<p>A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation.</p>	<p>Needs basking sites and suitable (sandy open fields) upland habitat up to 0.5 km from water for egg-laying.</p>	<p>No habitat for this species is present on the project site. <b>This species is not present.</b></p>
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Eremophila alpestris actia	California horned lark	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Marine intertidal & splash zone communities   Meadow & seep	Coastal regions, chiefly from Sonoma County to San Diego County. Also main part of San Joaquin Valley and east to foothills.	Short-grass prairie, "bald" hills, mountain meadows, open coastal plains, fallow grain fields, alkali flats.	No habitat for this species is present on the project site. <b>This species is not present.</b>
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 habitat for this species is present on the project site. <b>This species is not present.</b>
Euphydryas editha quino	quino checkerspot butterfly	Insects	Endangered	None		Chaparral   Coastal scrub	Sunny openings within chaparral and coastal sage shrublands in parts of Riverside and San Diego counties.	Hills and mesas near the coast. Need high densities of food plants Plantago erecta, P. insularis, and Orthocarpus purpurescens.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
Lanius ludovicianus	loggerhead shrike	Birds	None	None	CDFW_SSC- Species of Special Concern   IUCN_NT- Near Threatened	Broadleaved upland forest   Desert wash   Joshua tree woodland   Mojavean desert scrub   Pinon & juniper woodlands   Riparian woodland   Sonoran desert scrub	Broken woodlands, savannah, pinyon-juniper, Joshua tree, and riparian woodlands, desert oases, scrub and washes.	Prefers open country for hunting, with perches for scanning, and fairly dense shrubs and brush for nesting.	No habitat for this species is present on the project site. <b>This species is not present.</b>

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 habitat for this species is present on the project site. <b>This species is not present.</b>
Lepus californicus bennettii	San Diego black-tailed jackrabbit	Mammals	None	None		Coastal scrub	Intermediate canopy stages of shrub habitats and open shrub / herbaceous and tree / herbaceous edges.	Coastal sage scrub habitats in Southern California.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Neolarra alba	white cuckoo bee	Insects	None	None			Known only from localities in Southern California.	Cleptoparasitic in the nests of perdita bees.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>
Onychomys torridus ramona	southern grasshopper mouse	Mammals	None	None	CDFW_SSC- Species of Special Concern	Chenopod scrub	Desert areas, especially scrub habitats with friable soils for digging. Prefers low to moderate shrub cover.	Feeds almost exclusively on arthropods, especially scorpions and orthopteran insects.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Palaeoxenus dohrni	Dohrn's elegant eucnemid beetle	Insects	None	None					No habitat for this species is present on the project site. <b>This species is not present.</b>

Perognathus longimembris brevinasus	Los Angeles pocket mouse	Mammals	None	None	CDFW_SSC- Species of Special Concern	Coastal scrub	Lower elevation grasslands and coastal sage communities in and around the Los Angeles Basin.	Open ground with fine, sandy soils. May not dig extensive burrows, hiding under weeds and dead leaves instead.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>

Plegadis chihi	white-faced ibis	Birds	None	None	CDFW_WL-Watch List   IUCN_LC-Least Concern	Marsh & swamp   Wetland	Shallow freshwater marsh.	Dense tule thickets for nesting, interspersed with areas of shallow water for foraging.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Polioptila californica californica	coastal California gnatcatcher	Birds	Threatened	None	CDFW_SSC-Species of Special Concern	Coastal bluff scrub   Coastal scrub	Obligate, permanent resident of coastal sage scrub below 2500 ft in Southern California.	Low, coastal sage scrub in arid washes, on mesas and slopes. Not all areas classified as coastal sage scrub are occupied.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Progne subis	purple martin	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Broadleaved upland forest   Lower montane coniferous forest	Inhabits woodlands, low elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine.	Nests in old woodpecker cavities mostly; also in human-made structures. Nest often located in tall, isolated tree/snag.	No habitat for this species is present on the project site. <b>This species is not present.</b>

Rana muscosa	southern mountain yellow-legged frog	Amphibians	Endangered	Endangered	CDFW_WL-Watch List   IUCN_EN-Endangered   USFS_S-Sensitive	Aquatic	Disjunct populations known from southern Sierras (northern DPS) and San Gabriel, San Bernardino, and San Jacinto Mtns (southern DPS). Found at 1,000 to 12,000 ft in lakes and creeks that stem from springs and snowmelt. May overwinter under frozen lakes.	Often encountered within a few feet of water. Tadpoles may require 2 - 4 yrs to complete their aquatic development.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Salvadora hexalepis virgultea	coast patch-nosed snake	Reptiles	None	None	CDFW_SSC-Species of Special Concern	Coastal scrub	Brushy or shrubby vegetation in coastal Southern California.	Require small mammal burrows for refuge and overwintering sites.	No habitat for this species is present on the project site. <b>This species is not present.</b>

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 habitat for this species is present on the project site. <b>This species is not present.</b>
Socalchemmis icenoglei	Icenogle's socalchemmi s spider	Arachnids	None	None		Coastal scrub	Known only from the type locality in the vicinity of Winchester, Riverside County.		No habitat for this species is present on the project site. <b>This species is not present.</b>

Spea hammondii	western spadefoot	Amphibians	None	None	BLM_S-Sensitive   CDFW_SSC-Species of Special Concern   IUCN_NT-Near Threatened	Cismontane woodland   Coastal scrub   Valley & foothill grassland   Vernal pool   Wetland	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	Vernal pools are essential for breeding and egg-laying.	No habitat for this species is present on the project site. <b>This species is not present.</b>
Spinus lawrencei	Lawrence's goldfinch	Birds	None	None	IUCN_LC-Least Concern   USFWS_BCC-Birds of Conservation Concern	Broadleaved upland forest   Chaparral   Pinon & juniper woodlands   Riparian woodland	Nests in open oak or other arid woodland and chaparral, near water. Nearby herbaceous habitats used for feeding.	Closely associated with oaks.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>

Streptocephalus woottoni	Riverside fairy shrimp	Crustaceans	Endangered	None	IUCN_EN-Endangered	Coastal scrub   Valley & foothill grassland   Vernal pool   Wetland	Endemic to Western Riverside, Orange, and San Diego counties in areas of tectonic swales/earth slump basins in grassland and coastal sage scrub.	Inhabit seasonally astatic pools filled by winter/spring rains. Hatch in warm water later in the season.	No habitat for this species is present on the project site. <b>This species is not present.</b>
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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   Great Basin scrub   Interior dunes   Lone	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 habitat for this species is present on the project site. <b>This species is not present.</b>
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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.	No habitat for this species is present on the project site. <b>This species is not present.</b>
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 habitat for this species is present on the project site. <b>This species is not present.</b>

Xanthocephalus xanthocephalus	yellow-headed blackbird	Birds	None	None	CDFW_SSC-Species of Special Concern   IUCN_LC-Least Concern	Marsh & swamp   Wetland	Nests in freshwater emergent wetlands with dense vegetation and deep water. Often along borders of lakes or ponds.	Nests only where large insects such as Odonata are abundant, nesting timed with maximum emergence of aquatic insects.	No habitat for this species is present on the project 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 habitat for this species is present on the project site. <b>This species is not present.</b>

## **APPENDIX C**



View of ruderal habitat onsite where impacts will occur. View looking northwest



View of recently tilled area on site. View looking southwest.



View of ruderal area on site followed by N Ramona Boulevard. View looking northwest.



View of Fremont cottonwood (*Populus fremontii*) surrounded by ruderal vegetation onsite. View looking south.



View disturbed road onsite to be improved between agricultural fields off site. View looking west.



View of site access followed by disturbed areas consisting of dirt roads on site. View looking west

## **APPENDIX D**

Soil Map—Western Riverside Area, California  
(Property Line)



Soil Map may not be valid at this scale.

Map Scale: 1:6,490 if printed on A landscape (11" x 8.5") sheet.

0 50 100 200 300 Meters

0 300 600 1200 1800 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Western Riverside Area, California

Survey Area Data: Version 15, Sep 6, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 15, 2022—May 28, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DrA	Dello loamy fine sand, gravelly substratum, 0 to 2 percent slopes	1.9	4.6%
GpB	Grangeville sandy loam, drained, saline-alkali, 0 to 5 percent slopes	0.1	0.3%
GsB	Grangeville sandy loam, sandy substratum, drained, saline-alkali, 0 to 5 percent slopes	1.3	3.3%
GuB	Grangeville fine sandy loam, poorly drained, saline-alkali, 0 to 5 percent slopes	30.4	75.8%
GvB	Grangeville fine sandy loam, saline-alkali, 0 to 5 percent slopes	6.3	15.8%
W	Water	0.0	0.1%
<b>Totals for Area of Interest</b>		<b>40.0</b>	<b>100.0%</b>

# **APPENDIX E**



# Memorandum

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Date: August 4, 2023

To: Hunsaker & Associates

From: Juan J. Hernandez, Principal Biologist

Subject: Focused Burrowing Owl Survey Report for Assessor's Parcel Numbers 436-030-001, 436-040-006, and 436-040-008 located in Riverside County, California.

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This memorandum provides the methods and results of a Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) burrowing owl (*Athene cunicularia*) (BUOW) survey for Assessor's Parcel Numbers (APNs) 436-030-001, 436-040-006, and 436-040-008 located within the city of San Jacinto, Riverside County, California. The project proposes to construct a single-family residential development. The proposed residential development will consist of 184 residential lots and three open space lots. The proposed project includes associated parking, landscaping, access roads, and utilities (Figure 3). The proposed residential development will impact the entire 37.87-acre project site.

## **Project Location**

The approximate 37.87-acre project site is located southwest of North Ramona Boulevard, East of North Sanderson Avenue and northwest of Ranch View Lane in the City of San Jacinto, County of Riverside, California. Specifically, the project site is located within San Jacinto Viejo land grant between the United States Geological Survey *San Jacinto* and *Lakeview 7.5-Minute* Quadrangles. The center point latitude and longitude coordinates for the project site are 33°03'23.2332" North and 114°56'42.7625" West (Figures 1 and 2, *Location Map* and *Vicinity Map*). Refer to Figures 1 and 2.

The study area included APNs 436-030-001, 436-040-006, 436-040-008, and a 150-meter (500-foot) buffer around the site, where accessible (Figure 4).

## **Project Contact Information**

Owner/Applicant: Hunsaker & Associates  
3 Hughes  
Irvine, CA 92618

Principal Investigator: Juan J. Hernandez  
Hernandez Environmental Services  
17037 Lakeshore Drive  
Lake Elsinore, CA 92530  
(909) 772-9009

### Field Survey Methods

HES implemented the three steps as described in the *Burrowing Owl Survey Instructions for the Western Riverside County Multiple Species Habitat Conservation Plan Area*. During the May 12, 2023 habitat assessment on site it was determined that the project site does not support burrowing habitat however there is suitable habitat within the 500-foot buffer. In accordance with the *Burrowing Owl Survey Instructions for the Western Riverside County Multiple Species Habitat Conservation Plan Area*, focused burrow and focused BUOW surveys (Part A and Part B, respectively) were conducted on four separate days during the breeding season: May 12, June 1, June 22, and June 29, 2023. Survey times, weather, and sunrise/sunset information is described in Table 1 below.

**Table 1. Survey Information**

Survey	Date	Survey Start Time	Sunrise/Sunset	Weather
1	May 12, 2023	0600 hours	0748 hours	50-55 degrees Fahrenheit, cloudy, winds 0-1 miles per hour to the south
2	June 1, 2023	0600 hours	0737 hours	53-56 degrees Fahrenheit, cloudy, winds 0-2 miles per hour to the northeast
3	June 22, 2023	0620 hours	0710 hours	53-54 degrees Fahrenheit, cloudy, winds 0-2 miles per hour to the northeast
4	June 29, 2023	0630 hours	0730 hours	56-58 degrees Fahrenheit, clear, winds 0-2 miles per hour to the northwest.

Surveys were conducted from one hour before sunrise to two hours after sunrise or two hours before sunset to one hour after sunset and during weather that was conducive to observing owls outside their burrows and detecting BUOW sign. The surveys were not conducted during rain, high winds (> 20 miles per hour), dense fog, or temperatures above 90 degrees Fahrenheit. Surveys involved walking through potentially suitable habitat within the survey area. The

pedestrian survey transects were spaced approximately 30 to 50 feet apart to allow 100 percent visual coverage of the ground surface. Special attention was paid to those habitat areas that appeared to provide suitable habitat for BUOW. Where permission to access the buffer areas could not be obtained, the biologist visually inspects adjacent habitats with binoculars.

All encountered burrows or structure entrances were checked for the presence of BUOW, molted feathers, cast pellets, prey remains, eggshell fragments, tracks, or excrement. Natural or man-made structures and debris piles that could support BUOW were also surveyed. The locations of all suitable BUOW habitat, potential burrows, BUOW sign, and any BUOW observed was recorded and mapped with a handheld Global Positioning System (GPS) unit.

All wildlife species encountered visually or audibly during the field survey were identified and recorded in field notes. Binoculars were used to aid in the identification of observed wildlife. Photographs were taken to document existing conditions within the survey area.

## Results

The project site contains three different habitat types: agricultural, disturbed, and developed. Soils at the project site are classified as Dello loamy fine sand (DrA), 0 to 2 percent slopes, gravelly substratum Grangeville sandy loam (GpB), 0 to 5 percent slopes, drained, saline-alkali, Grangeville sandy loam (GsB), 0 to 5 percent slopes, poorly drained, saline-alk ali, Grangeville fine sandy loam (GvB), 0 to 5 percent slopes, saline-alkali, and Water (W). The project site is flat with elevation ranges from 1,469 feet above mean sea-level (AMSL) to 1,482 AMSL. The site is disturbed, and continually disturbed for agricultural purposes. The dominant species on site are tumbleweed (*Salsola tragus*), prickly lettuce (*Lactuca serriola*), and stinknet (*Oncosiphon piluliferum*).

The habitat assessment conducted on May 12, 2023 found that the project site does provide suitable burrows/nesting opportunities for BUOW. Evidence of ground squirrels and ground squirrel activities was observed, and approximately 23 suitable burrows were identified and recorded on the project site and 6 burrows off site. BUOW signs such as molted feathers, cast pellets, and excrement found on rock outcroppings were not found. No BUOW were observed on the project site.

Based on the absence of BUOW and BUOW evidence (i.e., scat, pellets, and feathers) within the study area, it can be concluded that the study area is not in use by BUOW.

## Recommendations

It is recommended that the following measures be implemented to ensure that potential impacts to BUOW are less than significant:

- Conduct a presence/absence survey within 120 days prior to ground disturbance to determine if relocation is necessary.
- According to the MSHCP, if BUOW are detected on the project site then the action(s) taken will be as follows:
  - If the site is within the Criteria Area, then at least 90 percent of the area with long-term conservation value will be included in the MSHCP Conservation Area.
  - Otherwise:
    1. If the site contains, or is part of an area supporting less than 35 acres of suitable habitat or the survey reveals that the site and the surrounding area supports fewer than 3 pairs of BUOWs, then the on-site BUOWs will be passively or actively relocated following accepted protocols.
    2. If the site (including adjacent areas) supports three or more pairs of BUOWs, supports greater than 35 acres of suitable habitat and is non-contiguous with MSHCP Conservation Area lands, at least 90 percent of the area with long-term conservation value and BUOW pairs will be conserved onsite.
  - If the 37.87-acre project site is found to support BUOWs, a Determination of Biologically Equivalent or Superior Preservation (DBESP) Report and Burrowing Owl Relocation Plan will need to be prepared in coordination with the RCA and resource agencies.
    - The DBESP and Burrowing Owl Relocation Plan will include the following:
      - Location that BUOWs are being removed from;
      - Number of BUOWs being relocated, including number of pairs and number of singles;
      - Description of methods that will be used to ensure that onsite burrows are vacant prior to their collapse;
      - Location and landowner contact information for the release site;
      - Description of the release site, including habitat description, presence/absence of ground squirrels, presence/absence of other BUOWs, results of predator survey, results of prey survey, and plans to maintain artificial burrow systems and manage the land for BUOWs long-term.
- If the presence/absence survey finds that BUOW no longer occupy the study area, conduct an MSHCP preconstruction survey within 30 days prior to the start of any ground disturbing activities a 30-day preconstruction survey is required prior to the commencement of project activities (e.g. vegetation clearing, clearing and grubbing, tree removal, site watering) to ensure that no owls have colonized the site in the days or weeks preceding project activities.

## Certification

I hereby certify that the statements furnished above and in the attached exhibits present 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: August 4, 2023

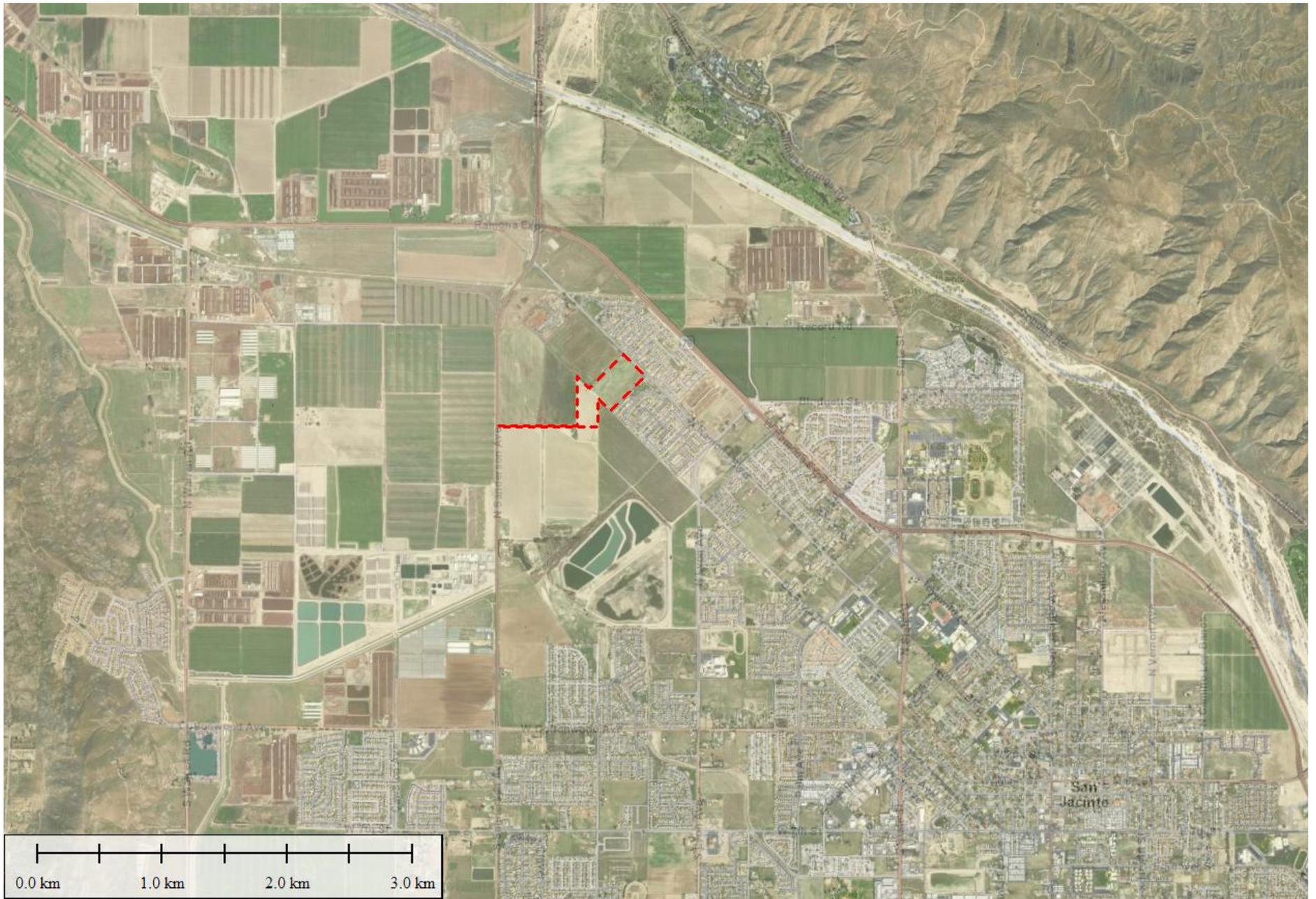


Juan J. Hernandez  
Principal Biologist

## Enclosures:

- Figure 1: Project Location Map
- Figure 2: Project Vicinity Map
- Figure 3: Project Plans
- Figure 4: Survey Area Map
- Figure 5: Results Map
- Appendix A: Site Photographs

# FIGURE 1



**Figure 1**  
Location Map  
TTM 38066  
San Jacinto  
Riverside County, California

**Legend**

 Project Site



## **FIGURE 2**



**Figure 2**  
 Vicinity Map  
 TTM 38066  
 San Jacinto  
 Riverside County, California

**Legend**

 Project Site



## **FIGURE 3**

# CITY OF SAN JACINTO TENTATIVE TRACT MAP 38066

## SHEET INDEX

- 1 & 2 TENTATIVE TRACT MAP
- 3 CONCEPTUAL GRADING DRAINAGE PLAN
- 4 CONCEPTUAL UTILITY PLAN
- 5 CONCEPTUAL SIGNING & STRIPING PLAN ALONG RAMONA BLVD
- 6 PRELIMINARY WOMP SITE PLAN

## LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE:  
THAT PORTION OF FARM LOT 129 OF LAND OF SAN JACINTO LAND ASSOCIATION IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEASTELY CORNER OF SAID LOT 129 WHICH CORNER IS ALSO THE NORTHEASTELY CORNER OF FARM LOT 133 OF SAID LANDS OF SAN JACINTO LAND ASSOCIATION AS SHOWN BY MAP ON FILE IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA; THENCE WESTERLY ALONG THE NORTHERLY LINE OF SAID LOT 133, A DISTANCE OF 561.00 FEET; THENCE NORTHERLY AND PARALLEL TO THE EASTERLY LINE OF SAID LOT 129, A DISTANCE OF 1,325.00 FEET, MORE OR LESS; TO THE NORTHEASTELY CORNER OF SAID LOT 129; THENCE SOUTHEASTELY ALONG THE NORTHEASTELY LINE OF SAID LOT 129, A DISTANCE OF 740.00 FEET, MORE OR LESS; TO THE MOST NORTHERLY CORNER OF FARM LOT 130 OF LANDS OF SAN JACINTO LAND ASSOCIATION AS SHOWN BY MAP ON FILE IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA; THENCE SOUTHERLY ALONG THE EASTERLY LINE OF SAID LOT 129, A DISTANCE OF 750.00 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING.

APN PORTION OF 439-030-001

PARCEL THREE:

THE SOUTHEASTELY HALF OF FARM LOT 7 OF LANDS OF SAN JACINTO LAND ASSOCIATION, IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORDS OF SAN DIEGO COUNTY.

APN: 436-040-006

PARCEL FOUR:

THE NORTHWESTELY QUARTER OF FARM LOT 9 OF LANDS OF SAN JACINTO LAND ASSOCIATION, IN THE CITY OF SAN JACINTO, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 8, PAGE 357 OF MAPS, RECORD OF SAN DIEGO COUNTY.

APN: 436-040-008

## LEGEND:

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- RETAINING WALL

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
<b>TOTAL</b>	<b>206 LOTS</b>

## TITLE EXCEPTION AND EASEMENTS:

PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019  
ORDER NUMBER: 00214622-994VNO-CH

\*AN EASEMENT IN FAVOR OF THE PUBLIC FOR ROAD PURPOSES (DE ANZA DRIVE) PER MAP OF THE "LANDS OF SAN JACINTO LAND ASSOCIATION", M.B. 8/357 SAN DIEGO COUNTY.

RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE, A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE

RECORDING DATE: JANUARY 27, 1953  
RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

**BENCHMARK:**  
RIVERSIDE COUNTY BENCH MARK  
H-48, AUGUST 1985  
ELEV. = 1464.075

0.3 MILE S'ELY ALONG RAMONA BLVD., FROM THE INTERSECTION OF SANDERSON AVE AND RAMONA BLVD., 1 FT. ± N'LY OF THE S'LY END OF A 5FT LONG X 2 FT HIGH CONCRETE HEADWALL; 4 1/2 FT ± ELY OF THE N'ELY CORNER OF A CONCRETE DRIVEWAY AT 37835 RAMONA BLVD., SET A STD. 3" DIA. ALUM. DISK, STAMPED AS ABOVE, IN THE TOP OF HEADWALL.

**FLOODZONE:**  
ACCORDING TO THE COUNTY OF MORENO VALLEY FLOOD AND BASED UPON THE NATIONAL INSURANCE PROGRAM MAPS THIS SITE LIES WITHIN FLOOD ZONE A SHADED, COMMUNITY PANEL NO. 06065C1490H DATED APRIL 19, 2017 AND 06065C1470H, AUGUST 28, 2008 AND 06065C1480H, AUGUST 28, 2008 PUBLISHED BY THE FEDERAL INSURANCE ADMINISTRATION.

## GENERAL NOTES:

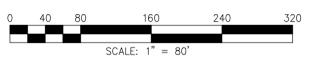
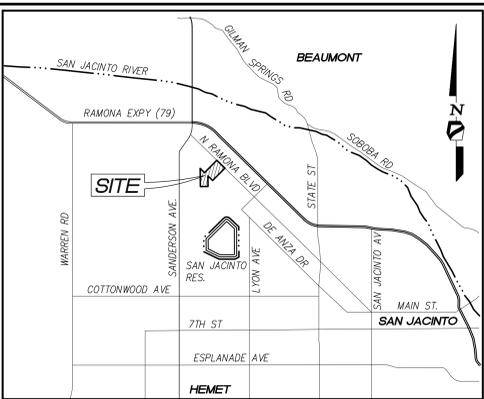
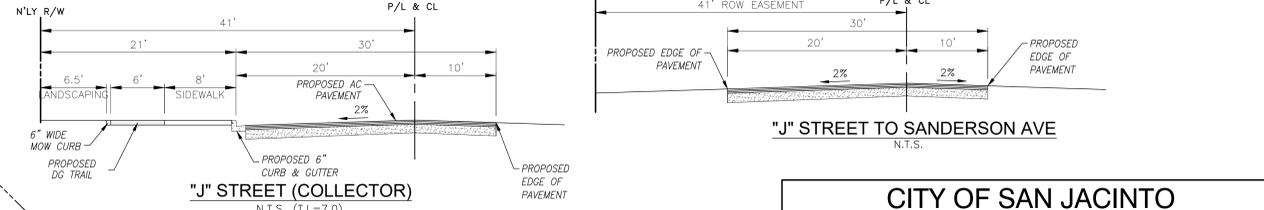
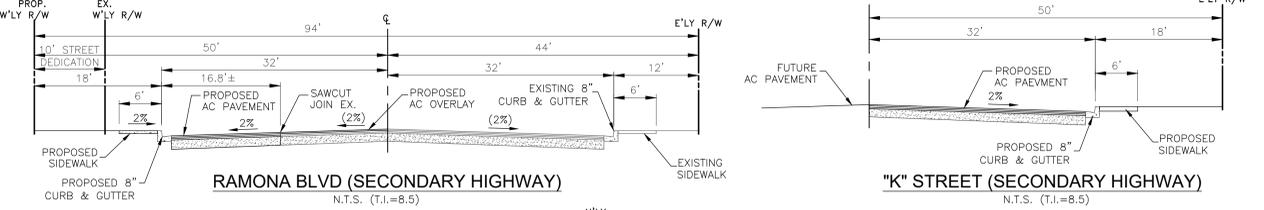
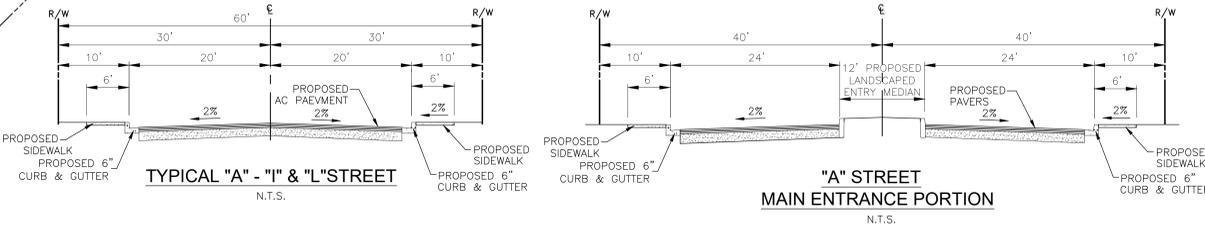
- PROJECT LOCATION:** SW SIDE OF RAMONA BLVD BETWEEN SHIMMERING WAY AND RANCH VIEW LANE, SAN JACINTO, CA 92582
- ASSESSOR PARCEL NUMBER:** 436-030-001, 436-040-006 & 436-040-008
- EXISTING AND PROPOSED ZONING DESIGNATION:** RM / RL
- PLAN DESIGNATION:** RM / RL
- SUBDIVISION ACREAGE:** 37.87 ACRE
- DATE MAP PREPARED:** OCTOBER, 2022
- NUMBERED LOTS / DWELLING UNITS:** 184 LOTS
- MIN. LOT SIZE:** 4,800 SF
- NUMBER OF OPEN SPACE LOTS:** 3 LOTS

## UTILITY PURVEYORS

- WATER & SEWER:**  
EASTERN MUNICIPAL WATER DISTRICT  
2270 TRUMBLE ROAD, PERRIS, CALIFORNIA 92572  
PH: (951) 928-3777
- TELEPHONE/FRONTIER:**  
REBECCA SMITH  
PH: (951) 748-6643  
REBECCA.SMITH@FTR.COM
- SCC:**  
LETICIA MENDOZA  
PH: (951) 748-2366  
LETICIA.MENDOZA@SCC.COM
- SCHOOL DISTRICT:**  
SAN JACINTO UNIFIED SCHOOL DISTRICT  
20455 SOUTH SAN JACINTO AVENUE  
SAN JACINTO, CA 92583  
PH: (800) 892-2253

## OWNER/DEVELOPER:

CAMELLIA HOMES  
8201 GRAND DRIVE  
HUNTINGTON BEACH, CA 92646  
PHONE: (858) 997-7973



VACANT  
APN: 438-040-005

LOT "A"  
WATER QUALITY  
BASIN  
TB=72.2  
BOT=67.2  
BOT AREA=5,850 SF  
SUBDRAIN=63.2

LOT "B"  
WQ DETENTION  
BASIN  
TB=71.0  
SPILLWAY=69.5  
WQ BOT=62.0  
WQ SUBDRAIN=58.0  
WQ AREA=18,292 SF

EXISTING BASIN  
APN: 438-051-004  
OPEN SPACE  
TRACT MAP NO. 31037-1  
MB 37175-78

MATCH LINE - SEE SHEET 2

PARCEL TWO  
VACANT LAND  
APN: PORTION OF 438-030-001

REVISION	DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
IRVINE INC.  
PLANNING ENGINEERING SURVEYING  
Three Hughes Irvine, CA 92618 PH: (949) 583-1010 FX: (949) 583-0799

PREPARED UNDER THE SUPERVISION OF:  
TIN N. HUYNH R.C.E. NO. 69273 DATE

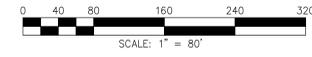
**CITY OF SAN JACINTO CALIFORNIA**

**VALLE RESEDA TENTATIVE TRACT MAP**  
N. RAMONA BLVD SAN JACINTO, CA 92582

SCALE: AS SHOWN

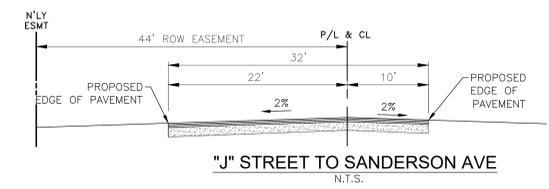
DRAWING NO. PROJECT NO. SHEET 1 OF 6 SHEETS

# CITY OF SAN JACINTO TENTATIVE TRACT MAP 38066



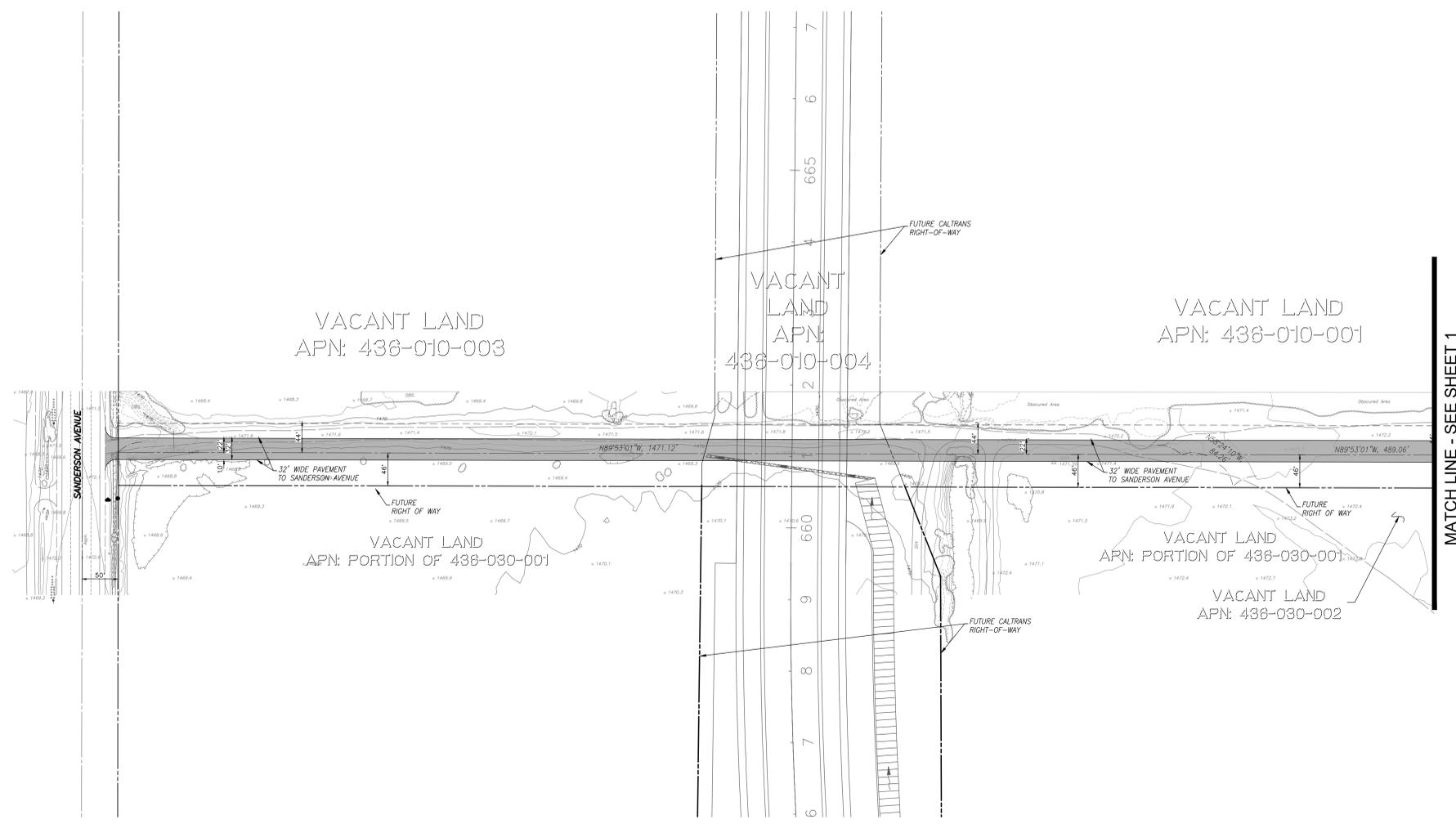
**LEGEND:**

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- PROPOSED AC PAVEMENT



**LOT AREA TABLE**

TTM TRACT 38066 LOT AREA TABLE							
Lot No.	Lot Area (SF)	Lot No.	Lot Area (SF)	Lot No.	Lot Area (SF)	Lot No.	Lot Area (SF)
1	5,345	51	5,973	101	4,601	151	4,650
2	5,300	52	5,504	102	4,601	152	5,488
3	5,300	53	5,170	103	4,601	153	4,535
4	5,300	54	5,170	104	4,601	154	4,600
5	5,300	55	5,115	105	4,601	155	4,471
6	5,300	56	4,607	106	4,601	156	5,916
7	5,300	57	4,404	107	4,601	157	3,849
8	5,300	58	6,567	108	4,601	158	6,093
9	5,300	59	6,663	109	4,601	159	6,735
10	5,200	60	4,404	110	4,592	160	3,554
11	6,200	61	4,607	111	4,450	161	3,852
12	5,200	62	5,115	112	4,605	162	4,359
13	5,200	63	5,170	113	5,234	163	4,425
14	5,200	64	5,170	114	4,650	164	4,503
15	5,200	65	5,507	115	4,650	165	4,511
16	5,200	66	5,504	116	4,650	166	4,431
17	5,200	67	5,170	117	4,650	167	4,365
18	5,200	68	5,170	118	4,650	168	3,859
19	5,200	69	5,116	119	4,650	169	3,557
20	5,005	70	4,609	120	4,650	170	6,731
21	5,406	71	4,402	121	4,650	171	6,742
22	7,558	72	6,661	122	4,650	172	3,556
23	5,001	73	7,740	123	4,650	173	3,854
24	5,839	74	5,412	124	4,650	174	4,361
25	4,601	75	5,367	125	4,650	175	4,427
26	4,600	76	5,369	126	4,650	176	4,507
27	4,600	77	5,170	127	4,650	177	4,505
28	4,600	78	5,170	128	4,650	178	4,425
29	4,600	79	5,499	129	4,650	179	4,356
30	4,600	80	7,039	130	4,650	180	3,847
31	4,600	81	7,092	131	4,650	181	3,555
32	4,600	82	6,930	132	5,560	182	6,545
33	4,599	83	5,786	133	5,550	183	6,960
34	4,689	84	8,197	134	4,650	184	3,561
35	6,535	85	7,364	135	4,650	185	3,847
36	6,186	86	4,953	136	4,650	186	4,358
37	7,419	87	5,945	137	4,650	187	4,427
38	6,875	88	4,600	138	4,650	188	4,507
39	6,251	89	4,600	139	4,650	189	4,501
40	5,617	90	4,600	140	4,650	190	4,419
41	5,520	91	4,600	141	4,650	191	4,348
42	5,520	92	4,600	142	4,650	192	3,835
43	5,520	93	4,600	143	4,650	193	3,554
44	5,520	94	4,600	144	4,650	194	6,761
45	5,520	95	4,600	145	4,650	195	6,672
46	5,520	96	4,600	146	4,650	196	3,570
47	5,520	97	4,600	147	4,650	197	3,846
48	5,520	98	4,600	148	4,650	198	4,360
49	5,520	99	4,601	149	4,650	199	4,432
50	5,520	100	4,601	150	4,650	200	4,511



REVISION			
DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
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PREPARED UNDER THE SUPERVISION OF:  
TIN N. HUYNH R.C.E. NO. 69273 DATE: \_\_\_\_\_

**CITY OF SAN JACINTO  
CALIFORNIA**

**VALLE RESEDA  
TENTATIVE TRACT MAP  
N. RAMONA BLVD SAN JACINTO, CA 92582**

SCALE: AS SHOWN

DRAWING NO. PROJECT NO. SHEET 2 OF 6 SHEETS

# CITY OF SAN JACINTO CONCEPTUAL GRADING DRAINAGE PLAN

EARTHWORK QUANTITIES	
RAW CUT	70,230 CU. YDS.
RAW FILL	70,230 CU. YDS.
NET EXPORT	0 CU. YDS.

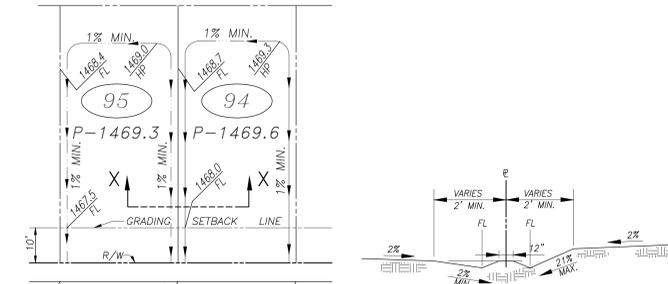
**TITLE EXCEPTIONS AND EASEMENTS**  
 PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019, ORDER NUMBER: 00214622-994-WO-CH  
 4 RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE. A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE  
 RECORDING DATE: JANUARY 27, 1953  
 RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
<b>TOTAL</b>	<b>206 LOTS</b>

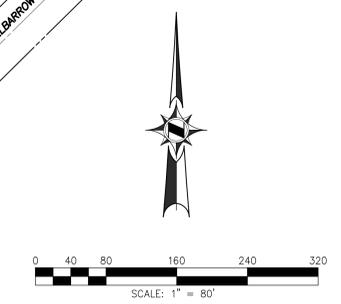
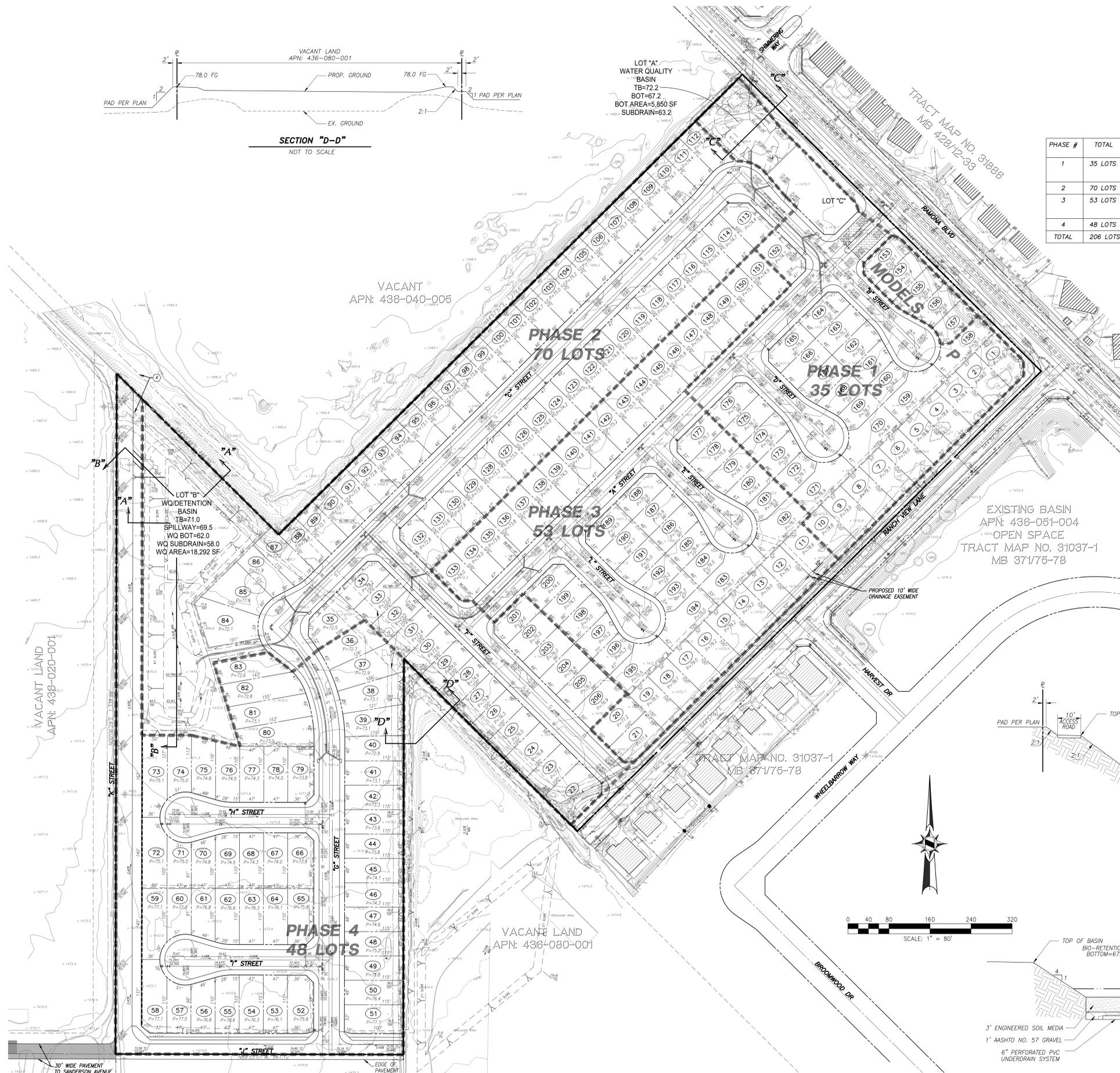
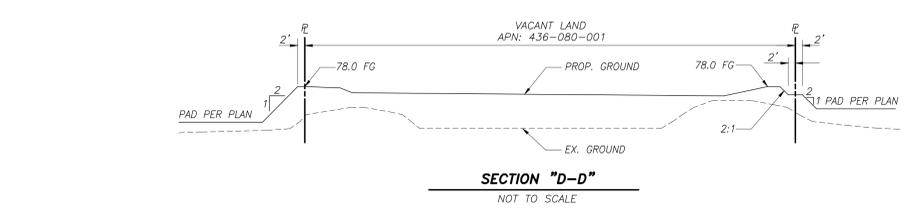
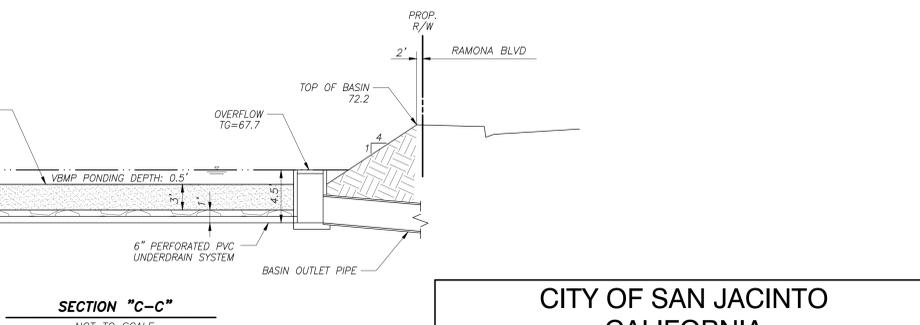
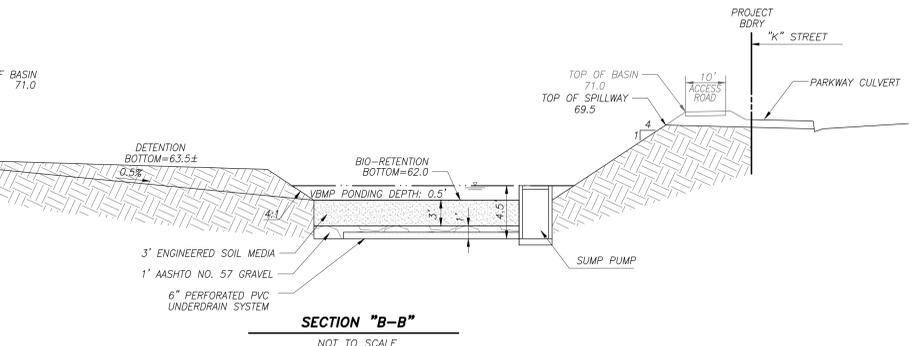
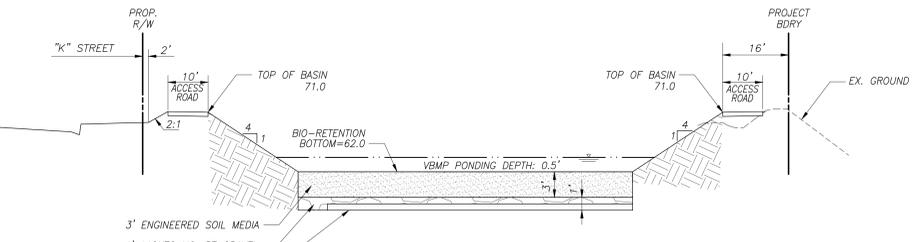
**LEGEND:**

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- EDF — EDGE OF DEEPEEN FOOTING
- BTM — BOTTOM
- C — CUT FILL TRANSITION LINE
- F — PROPOSED DRAINAGE PATTERN
- EXISTING DRAINAGE PATTERN
- PROPOSED AC PAVEMENT

- TC — TOP OF CURB
- FL — FLOWLINE
- BW — BACK OF WALK
- HP — HIGH POINT
- P — PAD ELEVATION
- FF — FINISH FLOOR
- FS — FINISH SURFACE
- GB — GRADE BREAK
- BSL — BUILDING SETBACK LINE
- FG — FINISH GROUND
- NG — NATURAL GROUND
- TG — TOP OF BLOCK WALL FOOTING
- TO — TOP OF GRATE
- S — SEWER
- W — WATER
- INV — INVERT



**SECTION "X-X"**  
N.T.S.



REVISION	DESCRIPTION	REC.	APPR.	DATE



**HUNSAKER & ASSOCIATES**  
 IRVINE INC.  
 ENGINEERING PLANNING SURVEYING  
 Three Hughes Irvine, CA 92618 • PH: (949) 583-1010 • FX: (949) 583-0799  
 PREPARED UNDER THE SUPERVISION OF:  
 TIN N. HUYNH R.C.E. NO. 69273 DATE

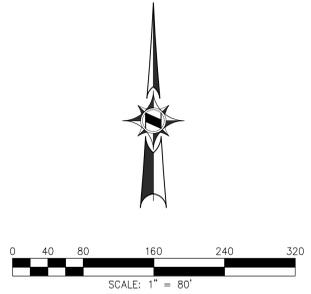
**CITY OF SAN JACINTO  
CALIFORNIA**

**VALLE RESEDA  
CONCEPTUAL GRADING DRAINAGE PLAN**  
 N. RAMONA BLVD SAN JACINTO, CA 92582

SCALE: AS SHOWN

SHEET 3 OF 6 SHEETS

# CITY OF SAN JACINTO CONCEPTUAL UTILITY PLAN



VACANT  
APN: 438-040-005

LOT "A"  
WATER QUALITY  
BASIN  
TB=72.2  
BOT=67.2  
BOT AREA=5,850 SF  
SUBDRAIN=63.2

EXISTING BASIN  
APN: 438-051-004  
OPEN SPACE  
TRACT MAP NO. 31037-1  
MB 37175-78

PHASE 3  
53 LOTS

PHASE 2  
70 LOTS

PHASE 1  
35 LOTS

PHASE 4  
48 LOTS

VACANT LAND  
APN: 438-080-001

PARCEL TWO  
VACANT LAND  
APN: PORTION OF 438-030-001

**LEGEND:**

- PROJECT BOUNDARY LINE
- LOT LINE
- CENTER LINE
- R/W
- EASEMENTS
- STORM DRAIN
- SEWER LINE
- WATER LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- EXISTING FIRE HYDRANT
- ⊗ WV WATER VALVE
- ⊕ PP POWER POLE
- ⊗ WM WATER METER
- ⊕ PB PULL-BOX
- CO SEWER CLEAN-OUT
- ⊕ EXISTING STREET SIGNAL
- ⊕ PARKING LIGHT
- ⊕ IRR. WM IRRIGATION WATER METER
- ⊕ DDC DOUBLE DETECTOR CHECK VALVE
- ⊕ SMH SEWER MANHOLE
- ⊕ CB CATCH BASIN
- ⊕ FDC FIRE DETECTOR CHECK VALVE

**TITLE EXCEPTIONS AND EASEMENTS**

PER TITLE REPORT BY FIDELITY NATIONAL TITLE COMPANY DATED ON JANUARY 14, 2019, ORDER NUMBER: 00214622-994-VNO-CH  
 4 RIGHTS OF THE PUBLIC IN AND TO ANY PORTION OF THE PROPERTY HEREIN DESCRIBED LYING WITHIN DE ANZA DRIVE, A PORTION OF WHICH WAS ACCEPTED IN A RESOLUTION EXECUTED BY THE BOARD OF SUPERVISORS FOR THE COUNTY OF RIVERSIDE  
 RECORDING DATE: JANUARY 27, 1953  
 RECORDING NO.: BOOK 1435, PAGE 487, OFFICIAL RECORDS

**UTILITY & SERVICE AGENCIES:**

- ELECTRIC:** SOUTHERN CALIFORNIA EDISON  
PH: (800) 655-4555
- GAS:** THE GAS COMPANY  
527 N. SAN JACINTO AVE, HEMET, CA 92583  
PH: 1-800-427-2200
- WATER & SEWER:** EASTERN MUNICIPAL/WATER DISTRICT  
2270 TRUMBLE ROAD  
(951) 928-3777
- CABLE/BROADBAND:** TIME WARNER  
PH: 1-800-892-2253
- TELEPHONE/FIOS TV /BROADBAND:** VERIZON CALIFORNIA  
PH: 1-800-483-4000
- SCHOOL DISTRICT:** SAN JACINTO UNIFIED SCHOOL DISTRICT  
2045 S. SAN JACINTO AVENUE, SAN JACINTO, CA 92583  
PH: 1-800-892-2253

PHASE #	TOTAL
1	35 LOTS
2	70 LOTS
3	53 LOTS
4	48 LOTS
<b>TOTAL</b>	<b>206 LOTS</b>

REVISION	DESCRIPTION	REC.	APPR.	DATE

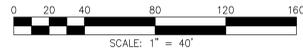


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 TIN N. HUYNH R.C.E. NO. 69273 DATE

**CITY OF SAN JACINTO  
CALIFORNIA**  
 VALLE RESEDA  
 CONCEPTUAL UTILITY PLAN  
 N. RAMONA BLVD SAN JACINTO, CA 92582

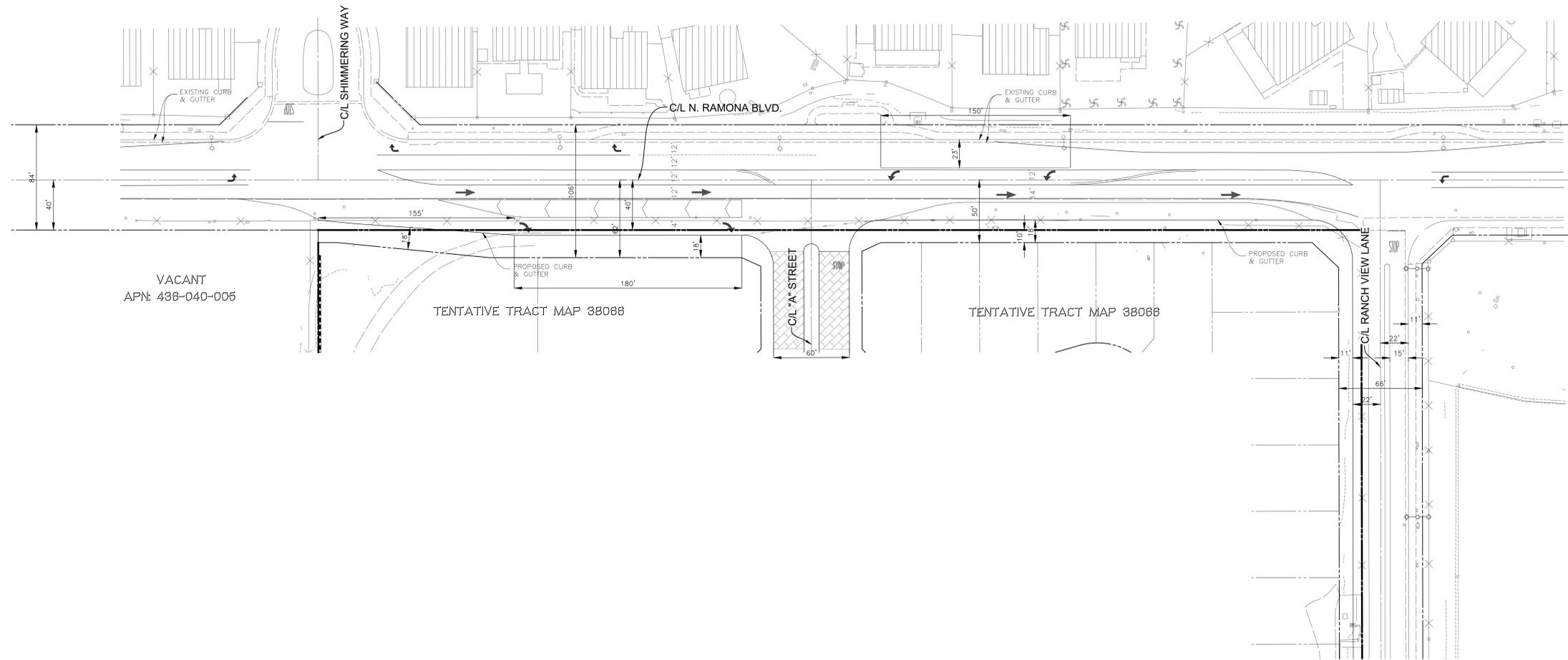
DRAWING NO. PROJECT NO. SCALE: AS SHOWN  
 SHEET 4 OF 6 SHEETS

CITY OF SAN JACINTO, COUNTY OF RIVERSIDE  
**CONCEPTUAL SIGNING & STRIPING PLAN**  
 RAMONA BLVD., TTM 38066

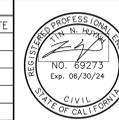


**LEGEND:**

	PROJECT BOUNDARY LINE
	LOT LINE
	CENTER LINE
	R/W
	EASEMENTS



REVISION			
DESCRIPTION	REC.	APPR.	DATE



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**CITY OF SAN JACINTO**  
 CALIFORNIA

VALLE RESEDA  
 CONCEPTUAL SIGNING & STRIPING PLAN  
 N. RAMONA BLVD SAN JACINTO, CA 92582

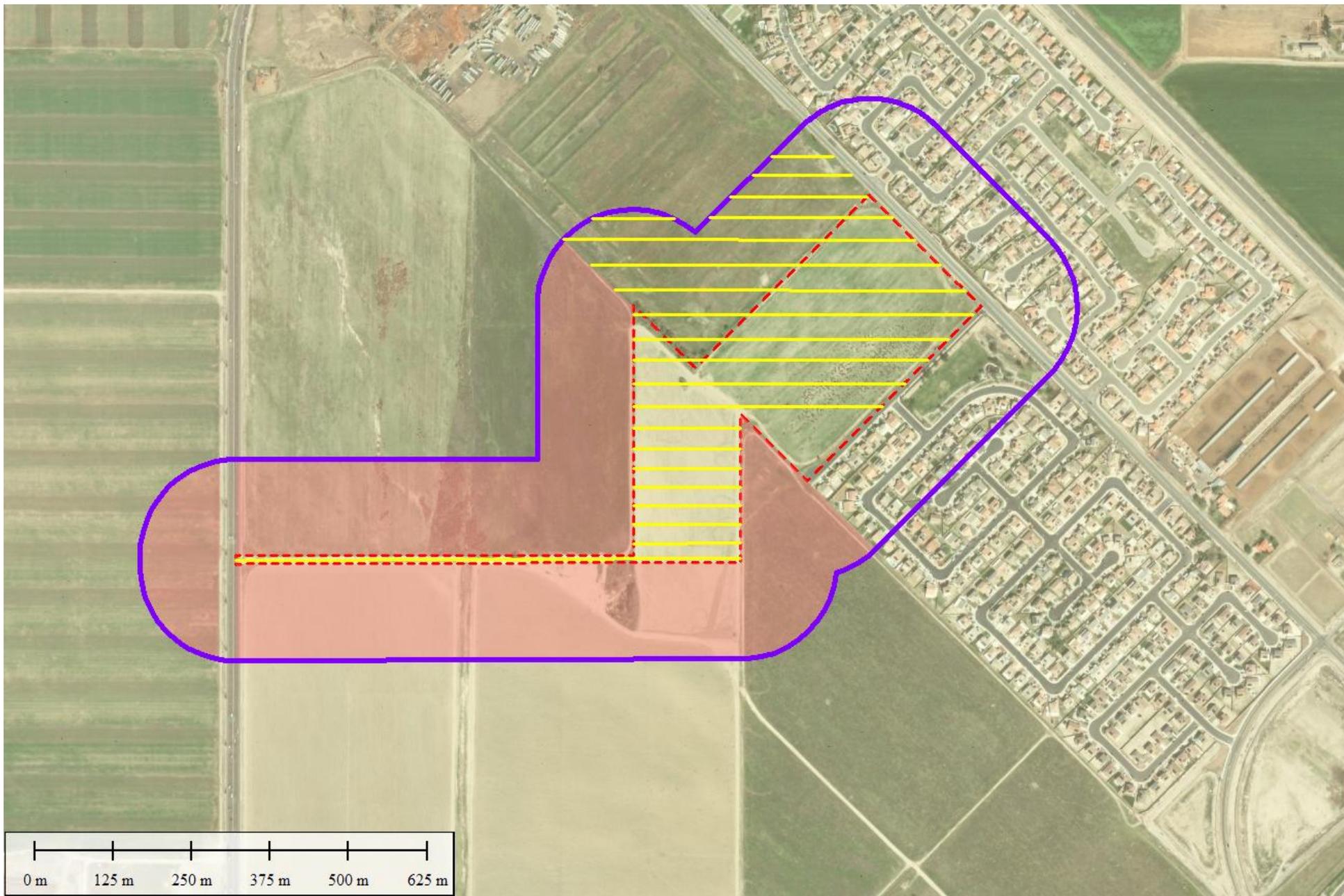
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SHEET 5 OF 6 SHEETS

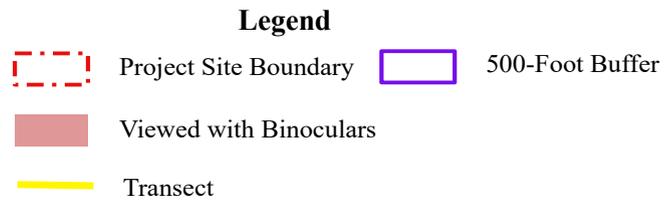
W.O. 4513-1 TRACT NO. 38066 TENTATIVE TRACT MAP



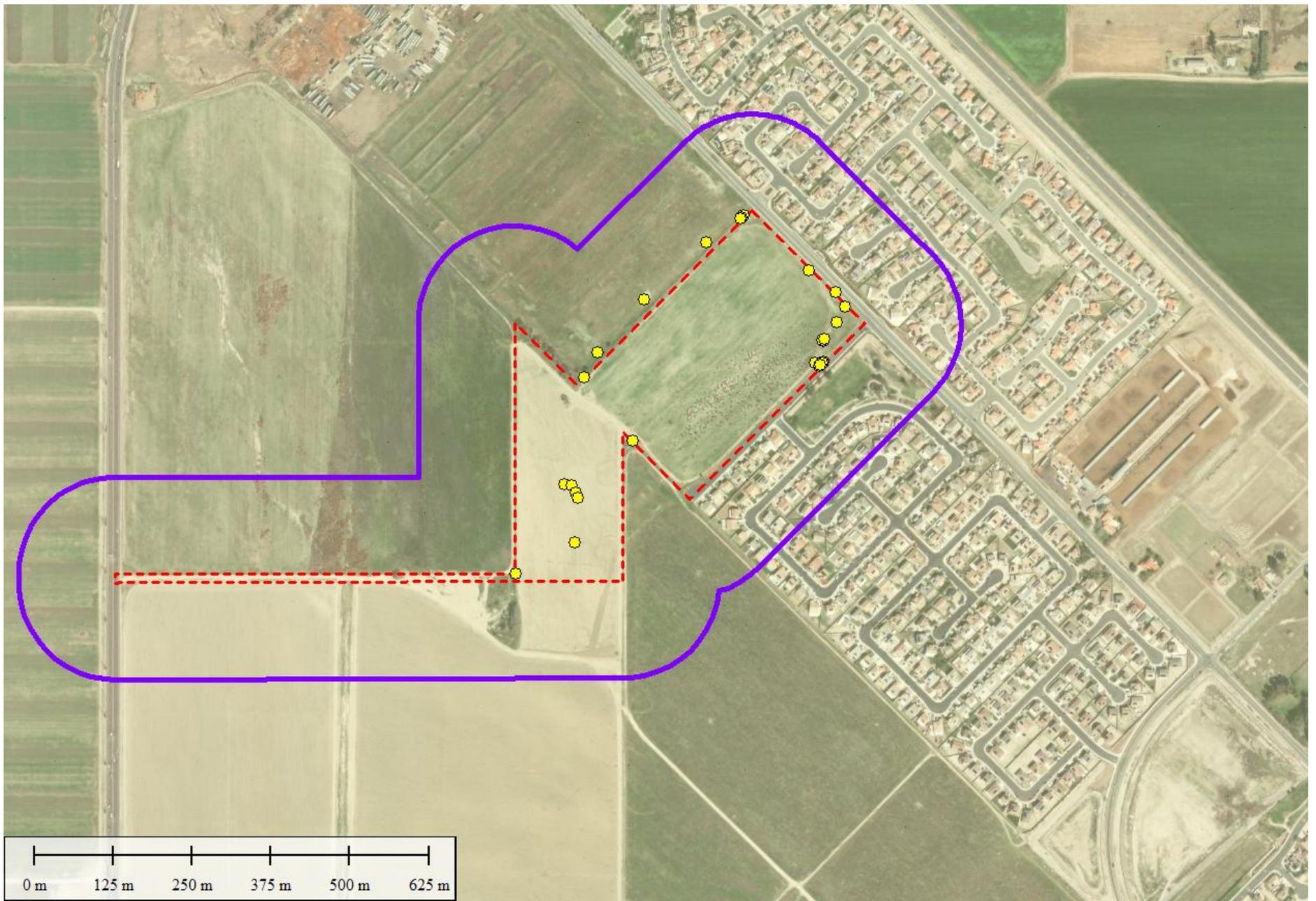
## **FIGURE 4**



**Figure 4**  
 Survey Area Map  
 TTM 38066  
 San Jacinto  
 Riverside County, California



## **FIGURE 5**



**Figure 5**  
 Survey Results Map  
 TTM 38066  
 San Jacinto  
 Riverside County, California

- Legend**
- Project Site Boundary
  - 500-Foot Buffer
  - Suitable Burrow, Inactive (x29)



# **APPENDIX A**



Northern border of site where potentially suitable burrows were found. View facing northeast.



Ruderal habitat within the center of the site. View looking northwest.



Potentially suitable burrowing owl burrow complex surrounded by ruderal vegetation.