

**SAN BERNARDINO COUNTY
INITIAL STUDY/MITIGATED NEGATIVE DECLARATION
ENVIRONMENTAL CHECKLIST FORM**

This form and the descriptive information in the application package constitute the contents of Initial Study pursuant to County Guidelines under Ordinance 3040 and Section 15063 of the State CEQA Guidelines.

PROJECT LABEL:

APNs:	0589-183-35	USGS Quad:	Joshua Tree South
Applicant:	Lobo Pass Partners LLC 331 Calle Pescador San Clemente, CA 92672	T, R, Section:	T 01S R 07E SEC 7
Location	Southeast Corner of Tortuga Road and Roadrunner Lane, Joshua Tree, CA		
Project No:	P201700503/TPM19931	Community Plan:	Joshua Tree Planning Area
Rep	Mark Williams	LUZD:	Joshua Tree/Rural Living (JT/RL)
Proposal:	Tentative Parcel Map 19931 for a subdivision of 7.5 gross acres into 3 parcels within the Joshua Tree/ Rural Living (JT/RL) land use zoning district.		
		Overlays:	Biotic – Desert Tortoise

PROJECT CONTACT INFORMATION:

Lead agency: County of San Bernardino
Land Use Services Department
385 N. Arrowhead Avenue, 1st Floor
San Bernardino, CA 92415-0182

Contact person: Jessie Bruckhart, Planner
Phone No: (909) 387-4738 **Fax No:** (909) 387-3223
E-mail: Jessie.Bruckhart@lus.sbcounty.gov

Project Sponsor Mark Williams
331 Calle Pescador
San Clemente, CA 92672

PROJECT DESCRIPTION:

Summary

The proposed project is Tentative Parcel Map (TPM) Number 19931 to create three, 2.5 acre parcels from one 7.5 gross acre parcel for future development, no land disturbance or grading is proposed at this time. The project site lies within the unincorporated portion of the County of San Bernardino in the Joshua Tree Planning Area. The project is located on the southwest corner of Roadrunner Lane and Lobos Pass Road. The County's General Plan designates the project area as Joshua Tree/ Rural Living (JT/RL). The site is located within the Biological Resources Overlay. The property is assigned the Assessor Parcel Number: 0589-183-35.

Surrounding Land Uses and Setting

Land uses on the project site and surrounding parcels are governed by the San Bernardino County General Plan/Development Code. The following table lists the existing land uses and zoning districts. The property is zoned Rural Living (RL). The property to the north is zoned the same and consists of a single family residence. One single family home has been established to the east is also zoned Rural Living. To the west single family home with the same zoning as the subject property, and to the south is a vacant and zoned Rural Living

Existing Land Use and Land Use Zoning Districts		
Location	Existing Land Use	Land Use Zoning District
Project Site	Vacant	JT/RL
North	Single Family Residence	JT/RL
South	Vacant	JT/RL
East	Single Family Residence	JT/RL
West	Single Family Residence	JT/RL

Project Site Location, Existing Site Land Uses and Conditions

The site is located on the southwest corner of Roadrunner Lane and Lobo Pass Road, in the community of Joshua Tree. The project proposed to subdivide a 7.5 acre parcel of land into three, 2.5 acre parcels in order to support future development. The project site is located within the Joshua Tree Planning Area and is zoned Rural Living per the County of San Bernardino General Plan. The project site consists of relatively flat areas (less than 10% slopes) with rock outcroppings occurring to the south east of the property. Elevations within the project area range from approximately 970-980 feet above mean sea level (AMSL). There are no known animal habitats or historical features on site. Ephemeral drainage cross the project area from west to east.

ADDITIONAL APPROVAL REQUIRED BY OTHER PUBLIC AGENCIES

Other public agencies whose approval may be required (e.g., permits, financing approval, or participation agreement.):

Federal: None.

State of California: Fish and Wildlife.

County of San Bernardino: Land Use Services Department-Building and Safety, Public Health-Environmental Health Services, Special Districts, and Public Works.

Regional: Mojave Desert Air Quality Management District.

Local: None

Site Photographs

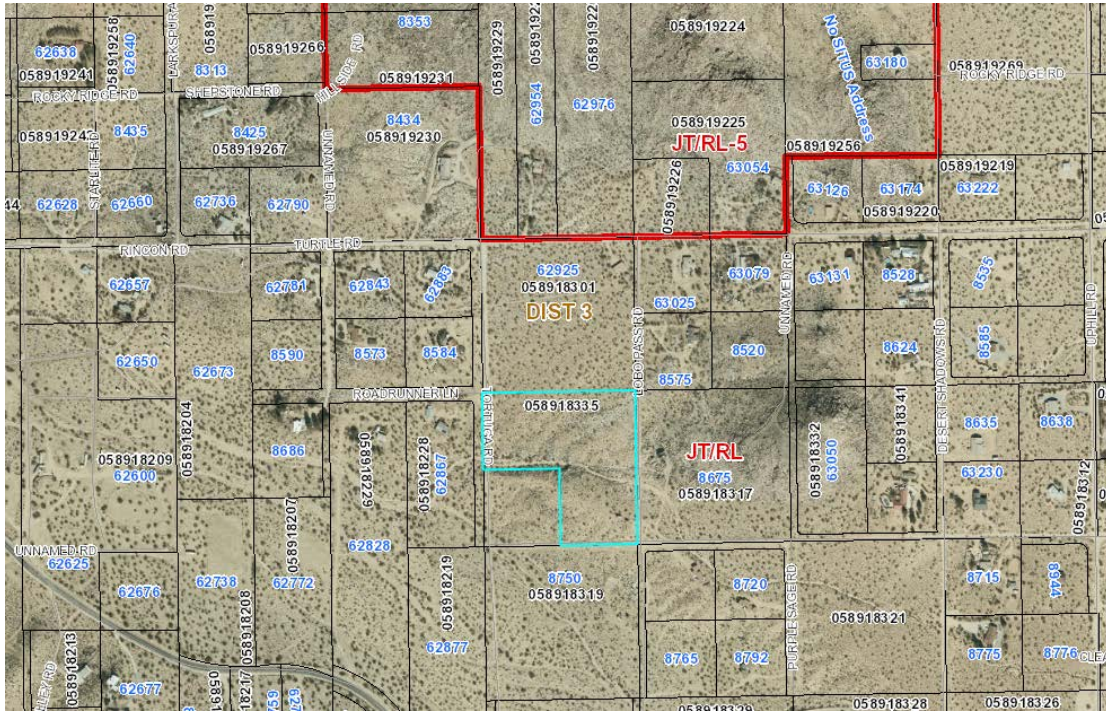


Figure 1 Land Use of the Property

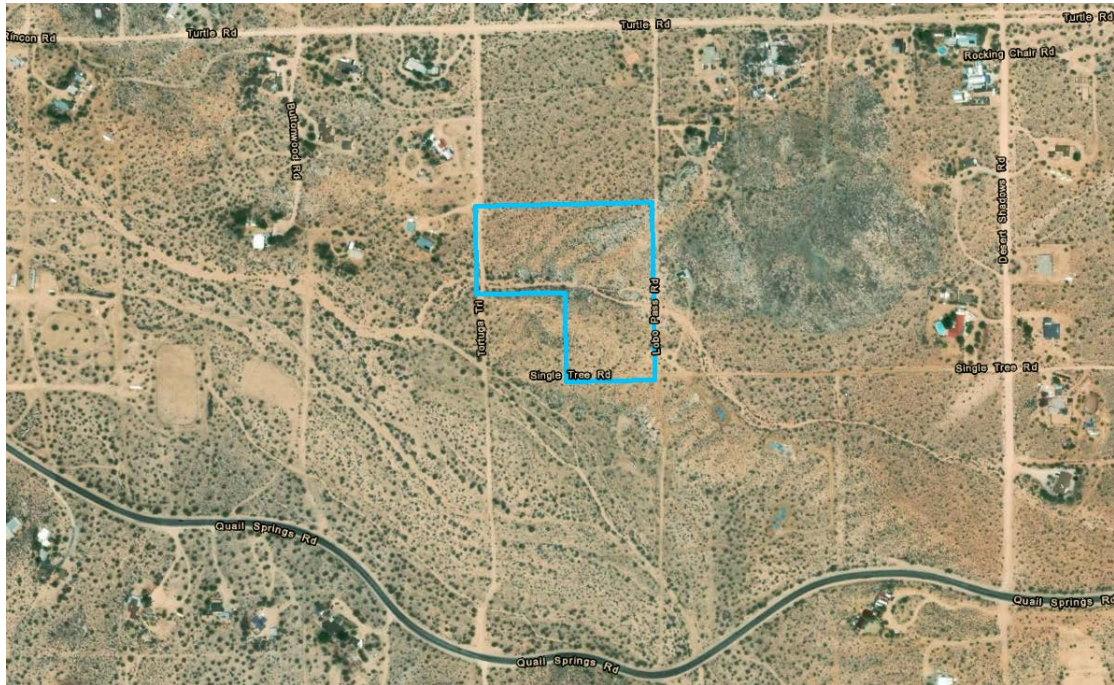


Figure 2 Project Vicinity Map

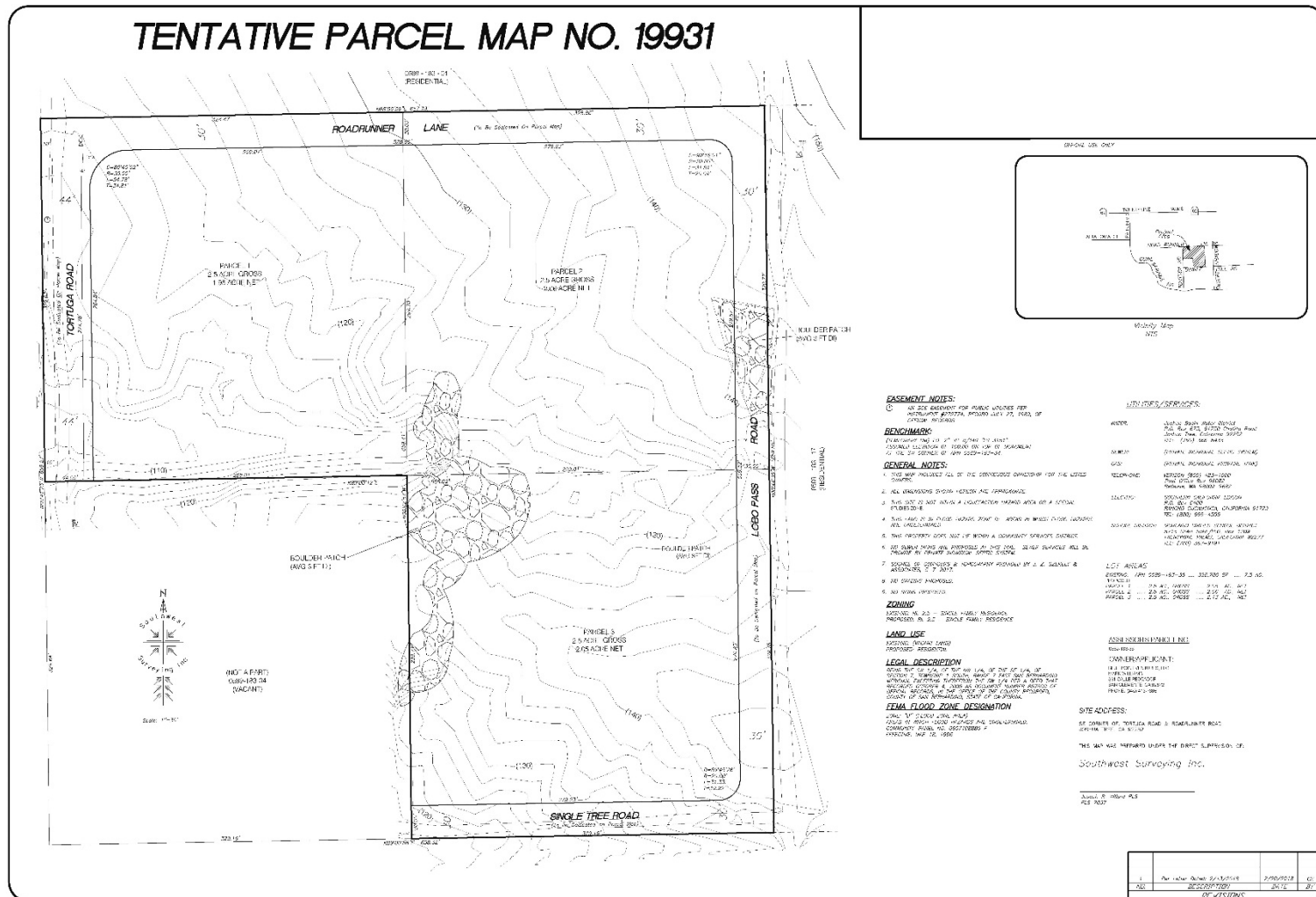


Figure 3 Site Plan

CONSULTATION WITH CALIFORNIA NATIVE AMERICAN TRIBES

Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21083.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

EVALUATION FORMAT

This Initial Study is prepared in compliance with the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the State CEQA Guidelines (California Code of Regulations Section 15000, et seq.). Specifically, the preparation of an Initial Study is guided by Section 15063 of the State CEQA Guidelines. This format of the study is presented as follows. The project is evaluated based on its effect on 20 major categories of environmental factors. Each factor is reviewed by responding to a series of questions regarding the impact of the project on each element of the overall factor. The Initial Study checklist provides a formatted analysis that provides a determination of the effect of the project on the factor and its elements. The effect of the project is categorized into one of the following four categories of possible determinations:

Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant	No Impact
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Substantiation is then provided to justify each determination. One of the four following conclusions is then provided as a summary of the analysis for each of the major environmental factors.

1. **No Impact:** No impacts are identified or anticipated and no mitigation measures are required.
2. **Less than Significant Impact:** No significant adverse impacts are identified or anticipated and no mitigation measures are required.
3. **Less than Significant Impact with Mitigation Incorporated:** Possible significant adverse impacts have been identified or anticipated and the following mitigation measures are required as a condition of project approval to reduce these impacts to a level below significant. The required mitigation measures are: (List of mitigation measures)
4. **Potentially Significant Impact:** Significant adverse impacts have been identified or anticipated. An Environmental Impact Report (EIR) is required to evaluate these impacts, which are (List of the impacts requiring analysis within the EIR).

At the end of the analysis the required mitigation measures are restated and categorized as being either self- monitoring or as requiring a Mitigation Monitoring and Reporting Program.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below will be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

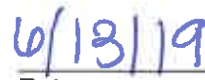
- | | | |
|--|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and Forestry Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Energy |
| <input type="checkbox"/> Geology/Soils | <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials |
| <input type="checkbox"/> Hydrology/Water Quality | <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Mineral Resources |
| <input type="checkbox"/> Noise | <input type="checkbox"/> Population/Housing | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation | <input type="checkbox"/> Tribal Cultural Resources |
| <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Wildfire | <input type="checkbox"/> Mandatory Findings of Significance |

DETERMINATION: (To be completed by the Lead Agency)

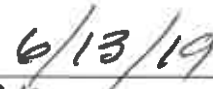
On the basis of this initial evaluation, the following finding is made:

<input checked="" type="checkbox"/>	The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION shall be prepared.
<input type="checkbox"/>	Although the proposed project could have a significant effect on the environment, there shall not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION shall be prepared.
<input type="checkbox"/>	The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
<input type="checkbox"/>	The proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
<input type="checkbox"/>	Although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION , including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.


Signature: (prepared by Jessie Bruckhart, Planner)


Date


Signature: (Chris Warrick, Supervising Planner)


Date

Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
I. AESTHETICS – Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare, which will adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION: (Check ☐ if project is located within the view-shed of any Scenic Route listed in the General Plan):

The following analysis is based in part on the San Bernardino General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The proposed project is located within an area where surrounding lands are sparsely developed with residential uses. The proposed project is for the subdivision of three (3) 2.5 -acre parcels from one (1) 7.5 -acre parcel. The project would not have an impact on the views because the Rural Living development standards restrict building heights to thirty-five (35) feet and front yard setbacks of 25 feet will ensure sufficient distance from the public view of any structure.
- b) **No Impact.** The site is not adjacent to a state scenic highway. There are no protected trees, rock outcroppings, or historic buildings on the project site; therefore, the proposed project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings. As a Minor Subdivision of Land there will be no impact.
- c) **No Impact.** The proposed project would not substantially degrade the existing visual character of the site and its surroundings. The proposed project would allow for future rural residential development pursuant to the current zoning/land use designation of RL. The use is similar in scale and character as the existing residential uses surrounding the site. The conditions of approval will include requirements for future development to

comply with all County Development Codes and ordinances. The current project would have no impact on the existing visual character and quality of the site and its surroundings.

- d) **No Impact.** The project does not propose any additional light-poles, or lighting. Any future proposed on site lighting must comply with the Glare and Outdoor Lighting requirements in the Desert Region, which includes shielding. The project would result in no impact relative to light and glare.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

	<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
II.	AGRICULTURE AND FORESTRY RESOURCES - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d)	Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? ☐ ☐ ☐ ☒

SUBSTANTIATION: (Check ☐ if project is located in the Important Farmlands Overlay):

San Bernardino County General Plan, 2007; California Department of Conservation Farmland Mapping and Monitoring Program; Submitted Project Materials

- a) **No Impact.** The California Department of Conservation, Farmland Mapping and Monitoring Program, is responsible with mapping Prime Farmland, Unique Farmland, Farmland of Statewide Importance, and Farmland of Local Importance (Farmland) across the state. This site is designated as "Other" land surrounded by the same as well. As proposed the project would not convert Farmland to non-agricultural use. There will be no impact.
- b) **No Impact.** The proposed project would not conflict with existing zoning for agricultural use, or a Williamson Act contract. The proposed project area is not under a Williamson Act contract. There is no impact and no further analysis is warranted. No impact is expected.
- c) **No Impact.** The proposed project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. The proposed project area has never been designated as forest land or timberland because the site is within the desert region which does not contain forested lands. There will be no impact.
- d) **No Impact.** The proposed project would not result in the loss of forest land or conversion of forest land to non-forest use. The proposed project site is within the desert region of the county and does not contain forested lands. There is no impact and no further analysis is warranted. There will be no impact.
- e) **No Impact.** The proposed project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use. The proposed project site does not contain forested lands. There is no impact and no further analysis is warranted. There will be no impact.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>		<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
III.	AIR QUALITY - Where available, the significance criteria established by the applicable air quality management district or air pollution control district might be relied upon to make the following determinations. Would the project:				
a)	Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Expose sensitive receptors to substantial pollutant concentrations? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Result in other emissions (such as those leading to odors adversely affecting a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION: *(Discuss conformity with the Mojave Desert Air Quality Management Plan, if applicable):*

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** A project is consistent with a regional Air Quality Management Plan (AQMP) if it does not exceed the MDAQMD daily threshold or cause a significant impact on air quality, or if the project is already included in the AQMP projection. As proposed, the project will not be performing any ground disturbing activities or construction. There will be no impact.
- b) **No Impact.** The proposed project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation. Air quality impacts include construction exhaust emissions generated from diesel and gasoline-powered construction equipment, vegetation clearing, grading, fugitive dust, construction worker commuting, construction material deliveries, and operational activities upon project completion. As proposed, the project will not engage in any of the aforementioned activities. There will be no impact.
- c) **No Impact.** As discussed in previous responses, there is no proposed grading or construction associated with this project. As such, the project would not exceed MDAQMD criteria pollutant emission thresholds. Cumulative emissions are part of the emission inventory included in the AQMP for the project area. Therefore, there would be no cumulatively considerable net increase of the criteria pollutants that are in nonattainment status in the Mojave Desert Air Basin.
- d) **No Impact.** The proposed project would not expose sensitive receptors to any pollutant concentrations. No construction is proposed thus would not result in any air pollutant emissions.
- e) **No Impact.** The project does not contain land uses typically associated with emitting objectionable odors. As proposed potential odor sources associated with the project do not exist. Future development will be required to comply with all County Development Code and ordinances that aim to mitigate objectionable odors that may result from a specific land use. There will be no impact.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
IV. BIOLOGICAL RESOURCES - Would the project:				
a) Have substantial adverse effects, either directly or through habitat modifications, on any species identified as a candidate, sensitive or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION: (Check if project is located in the Biological Resources Overlay or contains habitat for any species listed in the California Natural Diversity Database ☒):

San Bernardino County General Plan, 2007; Submitted Project Materials; Biological Survey prepared by Circle Mountain Biological Consultants, Inc.

- a) **Less than Significant Impact.** The project site is within the historical range of Desert Tortoise. A Biological Survey was prepared by Circle Mountain Biological Consultants, Inc. The report made the following conclusions:
- The 7.5 acre property does not support any tortoises and no tortoise sign was identified during the survey on the site. However, older scat of a desert tortoise was found 120 meters south of the site indicating that a desert tortoise has recently (within the last several years but not in 2017) occurred south of the site and as this time is absent from the site. Since the survey was performed in April and tortoises are likely to be intermittently active though about October of 2017 before going into dormancy, there is some chance that this or another tortoise may enter the site in the interim. Although no desert tortoises were found on the site, this species has been observed in the general region, therefore pre-construction surveys for the Desert Tortoise will be required prior to any ground disturbance.

The property does not support suitable habitat for the burrowing owl due to the dense vegetation of the site, and future construction activities are not expected to impact the species or result in the loss of habitat. Therefore it is the opinion of Circle Mountain Biological Consultants that no mitigation measures should be required for the proposed project.

- b) **Less than Significant Impact.** This project will not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service because this project will be conditioned to notify California Department of Fish and Wildlife Service if a streambed is altered.
- c) **No Impact.** This project will not have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means, because the project is not within an identified protected wetland. This project will also be conditioned to notify California Fish and Wildlife if a streambed is altered.
- d) **No Impact.** This project will not interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites, because there are no such corridors or nursery sites within or near the project site. The required building setbacks and maximum lot coverage requirements will allow for sufficient migration through the site.
- e) **Less than Significant Impact.** The existing native desert vegetation includes locally protected Joshua Trees, Catclaw acacia, Mojave yucca, silver cholla, pencil cholla, cottontop cactus, hedgehog cactus Yaqui mammillaria and beavertail cactus. All of the newly created parcels will meet the minimum lot size of two and a half acres, per Joshua Tree/ Rural Living (JT/RL) Land Use District Development Standards, allowing ample buildable area without significantly impacting the native desert plants. This project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance because all building permits require a pre-construction inspection to verify the location of Joshua Trees and other protected plant species. Any removal must comply with the County's ordinance regarding tree protection (County Development Code Section 88.01.060), so there will be no impact in this area.

- f) **No Impact.** This project will not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan, because no such plan has been adopted in the area of the project site. There will be no impact.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required

Issues		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
V. CULTURAL RESOURCES - Would the project:					
a)	Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	Disturb any human remains, including those outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SUBSTANTIATION: (Check if the project is located in the Cultural ☐ or Paleontologic ☐ Resources overlays or cite results of cultural resource review): **San**

Bernardino County General Plan, 2007; Cultural Historical Resources Information System (CHRIS), South Central Coast Information Center, California State University, Fullerton; Submitted Project Materials

- a) **No Impact.** This project will not impact nor cause a substantial adverse change in the significance of an historical resource because the project site is not located on or near any known historical resource, as defined in §15064.5.
- b) **No Impact.** This project will not cause a substantial adverse change to any archaeological resource because the South Central Coastal Information Center (SCCIC) was notified of this project and had no comment regarding archaeological resources on the site, as defined by §15064.5
- c) **Less than Significant Impact.** As proposed the project will not disturb any human remains, including those interred outside of formal cemeteries because no such burial grounds are known to exist or have been identified in the project area and no land disturbance is proposed at this time.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

Issues		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
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VI. ENERGY – Would the project:

- a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? ☐ ☐ ☐ ☒
- b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? ☐ ☐ ☐ ☒

SUBSTANTIATION: San Bernardino County General Plan, 2007; Submitted Materials

- a) **No Impact.** This project will not impact nor cause a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during the project construction or operation because no construction is being proposed.
- b) **No Impact.** This project will not conflict or obstruct a state or local plan for renewable energy or energy efficiency. The use of renewable energy will not be effected the proposed subdivision of land.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
VII.	GEOLOGY AND SOILS - Would the project:				

- a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:
- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map Issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. ☐ ☐ ☐ ☒
- ii. Strong seismic ground shaking? ☐ ☐ ☐ ☒
- iii. Seismic-related ground failure, including liquefaction? ☐ ☐ ☐ ☒
- iv. Landslides? ☐ ☐ ☐ ☒

- | | | | | | |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| b) | Result in substantial soil erosion or the loss of topsoil? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off site landslide, lateral spreading, subsidence, liquefaction or collapse? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) | Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SUBSTANTIATION: (Check ☐ if project is located in the Geologic Hazards Overlay District): **San Bernardino County General Plan, 2007; Submitted Project Materials**

- a) i-iv) **No Impact.** The project will not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving; i) rupture of a known earthquake fault, ii) strong seismic ground shaking, iii) seismic-related ground failure, including liquefaction or, iv) landslides, because there are no such geologic hazards identified in the immediate vicinity of the project site.
- b) **No Impact.** As proposed the project will not result in substantial soil erosion or the loss of topsoil because no development is proposed at this time. When development is proposed, erosion control plans and grading plans will be required to be submitted, approved, and implemented.
- c) **No Impact.** The project is not identified as being located on a geologic unit or soil that has been identified as being unstable or having the potential to result in on- or off- site landslide, lateral spreading, subsidence, liquefaction, or collapse. The project is not located within a Geologic Hazards Overlay District and there is no development proposed at this time.
- d) **No Impact.** The project site is not located in an area that has been identified by the County Building and Safety Geologist as having the potential for expansive soils. The project is not located within a Geologic Hazards Overlay and there is no development proposed at this time.

- e) **Less than Significant Impact.** The County Environmental Health Services Department will require a percolation test prior to onsite wastewater treatment system installation. Therefore, no significant adverse impacts will arise.
- f) **No Impact.** The project will not directly or indirectly destroy a unique paleontological resource or site or unique geologic feature. The site is not identified as a paleontological area or have any unique geological features and the project does not propose any development or grading at this time.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
VIII. GREENHOUSE GAS EMISSIONS – Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The County's Greenhouse Gas Emissions Reduction Plan (GHG Plan) was adopted on December 6, 2011 and became effective on January 6, 2012. The GHG Plan establishes a GHG emissions reduction target for the year 2020 that is 15 percent below 2007 emissions. The plan is consistent with AB 32 and sets the County on a path to achieve more substantial long-term reductions in the post-2020 period. Achieving this level of emissions will ensure that the contribution to greenhouse gas emissions from activities covered by the GHG Plan will not be cumulatively considerable.

In 2007, the California State Legislature adopted Senate Bill 97 (SB97) requiring that the CEQA Guidelines be amended to include provisions addressing the effects and mitigation of GHG emissions. New CEQA Guidelines have been adopted that require: inclusion of a GHG analyses in CEQA documents; quantification of GHG emissions; a determination of significance for GHG emissions; and, adoption of feasible mitigation to address significant impacts.

The CEQA Guidelines [Cal. Code of Regulations Section 15083.5 (b)] also provide that the environmental analysis of specific projects may be tiered from a programmatic GHG plan that substantially lessens the cumulative effect of GHG emissions. If a public agency adopts such a programmatic GHG Plan, the environmental review of subsequent projects may be streamlined. A project's incremental contribution of GHG

emissions will not be considered cumulatively significant if the project is consistent with the adopted GHG plan.

Implementation of the County's GHG Plan is achieved through the Development Review Process by applying appropriate reduction requirements to projects, which reduce GHG emissions. All new development is required to quantify the project's GHG emissions and adopt feasible mitigation to reduce project emissions below a level of significance. A review standard of 3,000 metric tons of carbon dioxide equivalent (MTCO₂e) per year is used to identify and mitigate project emissions.

- b) **No Impact.** The proposed project is not anticipated to conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases. In January of 2012, the County of San Bernardino adopted a Greenhouse Gas Emissions Reduction Plan (GHG Plan). The proposed project is consistent with the GHG Reduction Plan as described in Section a) above. Any Project that Does not exceed MTCO₂e per year will be considered to be consistent with the Plan and determined to have less than significant individual and cumulative impact for GHG emissions. A single family home, according to the Greenhouse Gas Emission plan, was determined to emit 9.2 MTCO₂e per residential unit. Since only three homes are possible with the proposed Tentative Parcel Map, the project is considered to be in compliance with the GHG Plan given that only 27.6 MTCO₂e of emissions are estimated. Therefore, no significant adverse impacts are anticipated and no mitigation measures are required.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>		<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:					
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| d) | Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) | Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) | Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, because no use approved on the site is anticipated to be involved in such activities. If such uses are proposed on-site in the future, they will be subject to permit and inspection by the Hazardous Materials Division of the County Fire Department and in some instances additional land use review.
- b) **No Impact.** The project will not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment, because any proposed use or construction activity that might use hazardous materials is subject to permit and inspection by the Hazardous Materials Division of the County Fire Department.
- c) **No Impact.** The project uses will not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school, because the project does not propose the use of hazardous materials and all existing and proposed schools are more than 1/4 mile away from the project site. The nearest school, Joshua Tree School of Self Mastery, is approximately Three miles northwest of the project site.
- d) **No Impact.** The project site is not included on the San Bernardino County list of hazardous materials sites compiled pursuant to Government Code 65962.5 and therefore, will not create a significant hazard to the public or environment.
- e) **No Impact.** The project site is not within the vicinity or approach/departure flight path of a public airport. The nearest public airport is Roy Williams Airport which is located approximately 5 miles northeast of the project site.

- f) **No Impact.** The project site is not within the vicinity or approach/departure flight path of a private airstrip. The nearest private airstrip is Holiday Ranch which is located 3.5 miles northeast of the project site.
- g) **No Impact.** The project will not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, because the project has adequate access from two or more directions.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>		<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
X. HYDROLOGY AND WATER QUALITY - Would the project:					
a)	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
	i. result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	iv. impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The project will not violate any water quality standards or waste discharge requirements because the on-site waste water treatment systems must be approved by the County Environmental Health Services based on requirements by the Colorado Region Water Quality Control Board.
- b) **No Impact.** The project will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level, because future development will have to comply with the conditions placed by the Joshua Basin Water District, which has indicated that in order to serve “parcel 2” improvements must be installed. Therefore there will be no impact to groundwater supplies or recharge.
- c) **Less than Significant Impact.** Based on the Project Specific Drainage Analysis prepared by Ventura Engineering Inland LLC, the project site’s improvements do not infringe on the edges of the stream as determined by site-specific topographic data and the presented hydrology conditions.
 - i. Based off of the findings in the preliminary drainage analysis, the proposed project would not substantially alter the existing drainage pattern of the site or area, including through alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on – or off-site.
 - ii. The project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite based off of the findings in the preliminary drainage analysis prepared by Ventura Engineering Inland LLC that states “This project will continue to discharge at the same general confluence points and will be utilizing harvest and use techniques and design elements.”
 - iii. The project will not create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of runoff. Based off of the project description, no development is being proposed. The preliminary drainage analysis findings state that the project will be utilizing harvest and use techniques and design elements.
 - iv. The project site is in a mapped FEMA area that is determined to be Zone D with no BFE’s and is not subject to flooding. As such, the Project will not impede or redirect flood flows.
- d) **No Impact.** The project site is in a mapped FEMA area that is determined to be Zone D with no BFE’s and is not subject to flooding. According to the California Department of Conservation, California Official Tsunami Inundation Maps the site is not located within a tsunami inundation zone. The Project would not be at risk from seiche because the Project site is located upstream from the Salton Sea.
- e) **No Impact.** The Project will not conflict with or obstruct implementation of the *Colorado River Basin Plan (Basin Plan)* at this time, no development is proposed. If future development occurs, permits from the Land Development Division as well as Environmental Health will need to be obtained to ensure no conflict.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XI. LAND USE AND PLANNING - Would the project:				

- | | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Physically divide an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The project will not physically divide an established community, because the project is a logical and orderly extension of the planned land uses and development that are established within the surrounding area. The proposed subdivision will create residential parcels that conform to the existing RL land use district, which allows a single-family residence on a minimum two and a half (2.5) acre lot.
- b) **No Impact.** The project will not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect because the project is consistent with all applicable land use policies and regulations of the County Development Code, and General Plan. The project complies with all hazard protection, resource preservation, and land-use-modifying Overlay District regulations.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XII. MINERAL RESOURCES - Would the project:				

- | | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION: (Check ☐ if project is located within the Mineral Resource Zone Overlay):

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The project will not result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state, because there are no identified important mineral resources on the project site.
- b) **No Impact.** The project will not result in the loss of availability of locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan, because there are no identified locally important mineral resources on the project site.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XIII. NOISE - Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION: (Check if the project is located in the Noise Hazard Overlay District ☐ or is subject to severe noise levels according to the General Plan Noise Element ☐):

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** The project as proposed will not expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. The project is required to comply with the noise standards of the County Development Code and no noise exceeding these standards is anticipated to be generated by the proposed uses. An acoustical review sheet demonstrating that the County's exterior and interior residential noise standards will not be exceeded and if exceeded, the manner in which those levels will be mitigated to an

acceptable level shall be submitted to County Environmental Health Services for review and approval prior to recordation.

- b) **No Impact.** The project will not create exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels. The project is required to comply with the vibration standards of the County Development Code. No vibration exceeding these standards is anticipated to be generated by the proposed uses.
- c) **No Impact.** The project is not located within an airport land-use plan area or within two miles of a public/public use airport. The nearest public airport is Apple Valley Airport which is located approximately 5 miles northwest of the project site.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XIV. POPULATION AND HOUSING - Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials.

- a) **Less than Significant Impact.** The project will not induce substantial population growth in an area either directly or indirectly. The proposed three parcels will generate approximately 3 new residents at final build-out, which is not in development or proposed at this time.
- b) **No Impact.** The proposed use will not displace any housing units, necessitating the construction of replacement housing because no housing units are proposed to be demolished as a result of this proposal.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
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XV. PUBLIC SERVICES

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other Public Facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **Less than Significant Impact.** The proposed project will not result substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services, including fire and police protection, schools, parks, or other public facilities. Future development on the proposed parcels should increase property tax revenues to provide a source of funding that is sufficient to offset any increases in the anticipated demands for public services generated by this project.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
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XVI. RECREATION

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated?
- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **Less than Significant Impact.** This project will not increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. Any future impacts from development on the newly created parcels will be minimal because only approximately 3 new residences will be generated at final build-out.
- b) **Less than Significant Impact.** This project does not include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment, because the type of project proposed will not result in an increased demand for recreational facilities. No development of new parkland is required per the County General Plan because of the insignificant number of additional future home sites proposed.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XVII. TRANSPORTATION – Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Submitted Project Materials

- a) **No Impact.** . The future development of three parcels will not cause a substantial increase in traffic. Local roads are currently operating at a level of service at or above the standard established by the County General Plan.
- b) **No Impact.** The project will not exceed, either individually or cumulatively, a level of service [LOS] standard established by the county congestion management agency for designated roads or highways. County Public Works – Traffic Division has reviewed the

traffic generation of the proposed project and anticipates that traffic service will remain at an LOS of "C" or better, as required by the County General Plan.

- c) **No Impact.** The project will not substantially increase hazards due to a design feature or incompatible uses because the project site is adjacent to an established road that is accessed at points with good site distance and properly controlled intersections. There are no incompatible uses proposed by the project that will impact surrounding land uses.
- d) **No Impact.** There will be a minimum of two access points on the property.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XVIII. TRIBAL CULTURAL RESOURCES				
a) Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

San Bernardino County General Plan, 2007; Cultural Historical Resources Information System (CHRIS), South Central Coast Information Center, California State University, Fullerton; Submitted Project Materials

Assembly Bill (AB) 52 took effect on July 1, 2015. AB 52 requires a lead agency to make best efforts to avoid, preserve, and protect tribal cultural resources.

Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21083.3.2.)

Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Public Resources Code section 21082.3(c) also contains provisions specific to confidentiality.

Prior to the release of the CEQA document for a project, AB 52 requires the lead agency to initiate consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project if: (1) the California Native American tribe requested the lead agency, in writing, to be informed by the lead agency through formal notification of proposed project in the geographic area that is traditionally and through formal notification of proposed projects in the geographic area that is traditionally and culturally affiliated with the tribe, and (2) the California Native American tribe responds, in writing, within 30 days of receipt of the formal notification, and requests the consultation.

Tribal consultation request letters were sent to the San Manuel Band of Mission Indians, Morongo Band of Mission Indians, Colorado River Indian Tribes, and Twenty-Nine Palms Band of Mission Indians.

- a) **No Impact.** According to the South Central Coast Information Center, California Historical Resources Information System records search, there were no listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k) within the project area.
- b) **No Impact.** The project proponent shall consider the significance of any possible resource to a California Native American tribe. With required mitigation and monitoring requested by tribes with ancestral interest in the project area, the impact will be reduced to a less than significant level.

No significant adverse impacts are identified or anticipated and no mitigation measures are required at this time. Tribal comments received include protocol, and procedures in the event human remains or other cultural resources are discovered once the properties are sold and subsequently developed. These comments are incorporated into the projects final conditions of approval prior to recordation of the Tentative Parcel Map and will apply to uses that are subject to CEQA review.

<i>Issues</i>		<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XIX. UTILITIES AND SERVICE SYSTEMS - Would the project:					

- | | | | | | |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

- | | | | | | |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| b) | Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) | Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Comply with federal, state, and local management and reduction statutes and regulations related to solid waste? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION:

County of San Bernardino General Plan 2007; Submitted Project Materials

- a) **Less Than Significant Impact.** The Project would require the expansion of new water system, relocation or construction wastewater (septic system), storm water drainage facilities, electric power, and telecommunications facilities to serve the Project.
- b) **Less Than Significant Impact.** The proposed project will require or result in the construction of new water expansion of existing facilities. The proposed project will have sufficient water supplies available to serve the project from existing entitlements and resources, as Joshua Basin Water District Company has given assurance that it has adequate water service capacity to serve the projected demand for the project after the requirements of the conditional availability of service have been met.
- c) **No Impact.** There is no wastewater treatment provider serving the project area. Onsite wastewater treatment systems will serve future residences. These onsite wastewater treatment systems, as well as the existing system, must be approved by the County Environmental Health Services based on requirements by the Colorado River Water Quality Control Board; therefore there will be no impact in this area.
- d) **No Impact.** The project is located within a County Franchise Area which is serviced by Burrtec. Solid waste generated in Joshua Tree is generally transported to the Landers Landfill. According to the Cal Recycle Facility/Site Summary Details website accessed on February 14, 2018 (<https://www2.calrecycle.ca.gov/swfacilities/Directory/36-AA-0057/>) the Landers landfill has a maximum capacity of 13,983,500 cy and is not anticipated to reach capacity until 2072. As such, the Project will not generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals.

- e) **No Impact.** The project is required to comply with federal, state, and local statutes and regulations related to solid waste.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

<i>Issues</i>		<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XX.	WILDFIRE: If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a)	Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b)	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c)	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water resources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d)	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

County of San Bernardino General Plan 2007; Submitted Project Materials

The County has mapped areas that are susceptible to wild land fires within the Fire Hazard Overlay. The Fire Hazard Overlay is derived from areas designated in high fire hazard areas in the General Plan and locations derived from the California Department of Forestry, U.S. Forest Service, and the County Fire Department. The Project site is not located within Fire Safety Area.

- a) **No Impact.** Access to the Project site is proposed from Roadrunner Lane, Tortuga Road and Lobos Pass Road and which are improved roadways. The Project site does not contain any emergency facilities nor does it serve as an emergency evacuation route. During construction and long-term use, the Project would be required to maintain adequate emergency access for emergency vehicles as required by the County. Furthermore, the Project would not result in a substantial alteration to

the design or capacity of any public road that would impair or interfere with the implementation of evacuation procedures. Because the Project would not interfere with an adopted emergency response or evacuation plan, there are not impacts.

- b) **Less Than Significant Impact.** The project site is located 4 miles from Bartlett mountain. It is bounded by Roadrunner Lane to the north, Tortuga Road to the west, Lobo Pass Road to the east and Single Tree Road to the South. The project site also contains boulder patches. All of these features serve as fire breaks which will protect the area from wildfire or uncontrolled spread of wildfire.
- c) **Less Than Significant Impact.** The project site is located in an area characterized by residential development and vacant land. The North, West and East side of the property is surrounded by single family homes on large lots. To the south, is vacant land. The installation of new infrastructure facilities is minimal and primarily consists of ensuring each lot has fire protection water systems (fire flow), and surfacing of access roads and driveways, automatic fire sprinklers will also be required if and when structures are built. Given the above described conditions and location of the site, the construction of the infrastructure will not exacerbate fire risk or result in temporary or ongoing impacts to the environment.
- d) **No Impact.** The site is relatively flat and contains no slopes that may be subject to landslides. As such, the Project will not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes

<i>Issues</i>	<i>Potentially Significant Impact</i>	<i>Less than Significant with Mitigation Incorporated</i>	<i>Less than Significant</i>	<i>No Impact</i>
XXI. MANDATORY FINDINGS OF SIGNIFICANCE:				

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- c) Does the project have environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly? ☐ ☐ ☐ ☒

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- a) **No Impact.** . As a Minor Subdivision to create three parcels with no proposed grading or development, the project is not expected to have the potential to significantly degrade the overall quality of the region's environment, or substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population or drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory.

There are no identified historic or prehistoric resources identified on this site. No archaeological or paleontological resources have been identified in the project area.

The existing native desert vegetation includes approximately 97 different species of plant life including Joshua Trees. All of the newly created parcels will meet the minimum lot size of 2.5 acres, per RL Land Use District Development Standards, allowing ample buildable area without significantly impacting the Joshua Trees or other protected native species. This project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance because all building permits require a pre-construction inspection to verify the location of Joshua Trees. Any removal must comply with the County's ordinance regarding tree protection (County Development Code Section 88.01.060), so there will be no impact in this area.

The project site is within the historical range of Desert Tortoise and Burrowing Owl. A Biological Survey was prepared by Circle Mountain Biological Consultants, Inc. on 05/2017. The report made the following conclusions:

- Based on the presence of an older scat of an adult tortoise deposited about 120 meters south of the site yet no evidence of tortoises on site CMBC concludes that the Agassiz's desert tortoise has recently (within the last several years but not in 2017) occurred south of the site and at this time is absent from the site. Since the survey was performed in April and tortoises are likely to be intermittently active through about October of 2017 before going into dormancy, there is some change that this or another tortoise may enter the site in the interim. Given these findings, we recommend that if the site is to be developed prior to 28 April 2018, it should be resurveyed prior to ground disturbance to confirm that tortoises continue to be absent. If the site will not be developed until after 28 April 2018, according to USFWS (2010) pre-project survey protocol the results of this survey will remain valid for one year, or until April 28, 2018, after which time, if the site has not been developed in the interim, another survey would be required to confirm the absence of tortoises on-site.

The property does not support suitable habitat for the Burrowing Owl due to the site being too densely vegetated to support burrowing owl habitat. Burrowing owls use existing burrows. When the site was surveyed, no burrows were found. Therefore it is

the opinion of Circle Mountain Biological Consultants that no mitigations should be required for the proposed project.

- b) **No Impact.** The project does not have impacts that are individually limited, but cumulatively considerable. The sites of projects in the area to which this project would add cumulative impacts have either existing or planned infrastructure that is sufficient for all planned uses. These sites either are occupied or are capable of absorbing such uses without generating any cumulatively significant impacts.
- c) **No Impact.** The project will not have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly, as there are no such impacts identified by the studies conducted for this project or identified by review of other sources or by other agencies.

All potential impacts have been thoroughly evaluated and have been deemed to be neither individually significant nor cumulatively considerable in terms of any adverse effects upon the region, the local community or its inhabitants. At a minimum, the project will be required to meet the conditions of approval for the project to be implemented. It is anticipated that all such conditions of approval will further insure that no potential for adverse impacts will be introduced by construction activities, initial or future land uses authorized by the project approval.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

GENERAL REFERENCES

California Department of Conservation, California Geological Survey, Mineral Resources and Mineral Hazards

County of San Bernardino 2007 Development Code

County of San Bernardino Geologic Hazards Overlays Map

County of San Bernardino Hazard Overlay Map

County of San Bernardino Identified Hazardous Materials Waste Sites List, April 1998.

County of San Bernardino, Countywide Integrated Waste Management Plan, March 1995.

San Bernardino County General Plan, 2007.

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County of San Bernardino, Greenhouse Gas Emissions Reduction Plan, January 6, 2012.

County of San Bernardino, *San Bernardino County Storm Water Program, Model Water Quality Management Plan Guidance*.

County of San Bernardino Road Planning and Design Standards.

Federal Emergency Management Agency Flood Insurance Rate Map and Flood Boundary Map.

South Coast Air Quality Management District, CEQA Air Quality Handbook, November 1993.

U.S. Department of Agriculture, Natural Resources Conservation Service. Web Soil Survey. Available at <http://websoilsurvey.nrcs.usda.gov/>

State of California, Department of Conservation, Division of Land Resource Protection, Farmland Mapping and Monitoring Program.

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Cal Recycle, Solid Waste Information System (SWIS), <https://www2.calrecycle.ca.gov/SWFacilities/Directory/>

California Department of Transportation. *Caltrans Scenic Highway Corridor Map*.

http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/index.htm

Census 2000 Urbanized Area Maps. <https://www.census.gov/geo/maps-data/maps/ua2kmaps.html>.

CEQA Guidelines, Appendix G.

County of San Bernardino Hazard Overlay Map FI30B. <http://cms.sbcounty.gov/lus/Planning/ZoningOverlayMaps/HazardMaps.aspx>

PROJECT-SPECIFIC REFERENCES

- A. DUDEK, *Cultural Resources Investigations for Joshua Tree Land Split Project*, August 11, 2017.
- B. Circle Mountain Biological Consultants, Inc., *Focused Survey for Agassiz's Desert Tortoise Habitat Evaluation for Burrowing Owl, and General Biological Resource Assessment for 7.5 acre Site (APN 0589-183-35) in the Community of Joshua Tree, San Bernardino County, California, May 2017*.
- C. Ventura Engineering Inland LLC, *Drainage Analysis*, April 16, 2019.