

**SAN BERNARDINO COUNTY  
INITIAL STUDY 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:**

|                    |   |
|--------------------|---|
| <b>APN:</b>        | 3037-211-04-0000  |
| <b>Applicant:</b>  | KIM, SARAH  |
| <b>Community:</b>  | PHELAN/1 <sup>ST</sup> SUPERVISORIAL DISTRICT                                 |
| <b>Location:</b>   | BUTTONWOOD ROAD, EAST SIDE; EXTENDING BETWEEN SUNDOWN DRIVE AND HILLTOP ROAD. |
| <b>Project No:</b> | P200700020/CF   |
| <b>Staff:</b>      | NINA SHABAZZ  |
| <b>Rep:</b>        | CUBIT ENGINEERING, INC.   |
| <b>Proposal:</b>   | TENTATIVE PARCEL MAP 17928 TO CREATE FOUR (4) PARCELS ON TEN (10) ACRES.      |

**USGS Quad:** PHELAN  
**T, R, Section:** T4N R6W Sec. 30 NE 1/4  
**Planning Area:** PHELAN  
**LUZD:** PH/RL  
**Overlays:** Biological Resources Overlay  
FS-2 Fire Safety Overlay

**PROJECT CONTACT INFORMATION:**

**Lead agency:** County of San Bernardino  
Land Use Services Department – Planning Division  
15900 Smoke Tree Street  
Hesperia, CA 92345

**Contact person:** Nina Shabazz, Associate Planner  
**Phone No:** (760) 995-8153  
**E-mail:** Nina.shabazz@lus.sbcounty.gov

**Fax No:** (760) 995-8167

**Project Sponsor:** Cubit Engineering, Inc.  
16490 Walnut Street, Unit B-3  
Hesperia, CA 92345

**PROJECT DESCRIPTION:**

The proposed project is **Tentative Parcel Map Number 17928** to create four (4) parcels on ten (10) acres. The project site lies within the unincorporated portion of the County of San Bernardino in the Phelan Planning Area. The project is located on the east side of Buttonwood Road, extending between Sun Down Drive and Hilltop Road. The County's General Plan designates the project area as Phelan/Rural Living (PH/RL). The site is regulated by the FS-2 Fire Safety Overlay and by the Biological Resources Overlay.

**ENVIRONMENTAL/EXISTING SITE CONDITIONS:**

The project site is undeveloped. The properties to the north & west of the project site are developed with single-family residences, while the properties east and south are undeveloped/vacant. The existing native desert vegetation includes approximately 117 locally protected Joshua Trees. According to the Preliminary Drainage Study dated October 30, 2006, the project site slopes to the north at 7%. There is an existing drainage easement that traverses the project site in a north-south direction. No other significant topographic conditions exist on the site.

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| AREA  | EXISTING LAND USE        | LAND USE ZONING DISTRICT | OVERLAYS  |
|-------|--------------------------|--------------------------|-----------|
| Site  | Vacant                   | PH/RL                    | BIO; FS-2 |
| North | Single-Family Residences | PH/RL                    | BIO; FS-2 |
| South | Vacant                   | PH/RL                    | BIO; FS-2 |
| East  | Vacant                   | PH/RL                    | BIO; FS-2 |
| West  | Single-Family Residences | PH/RL                    | BIO; FS-2 |

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

Federal: Fish & Wildlife

State of California: Lahontan Regional Water Quality Control Board; Fish & Wildlife, MDAQMD

County of San Bernardino: Land Use Services – Building and Safety, Code Enforcement; Public Health – Environmental Health Services; Public Works – Roads/Drainage, Traffic, and Surveyor; and County Fire

Local: Mojave Water Agency

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## **EVALUATION FORMAT**

This initial study is prepared in compliance with the California Environmental Quality Act (CEQA) Guidelines. This format of the study is presented as follows. The project is evaluated based upon its effect on 18 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<br>Significant<br>Impact | Less than<br>Significant<br>with Mitigation | Less than<br>Significant | No<br>Impact |
|--------------------------------------|---|--------------------------|--------------|

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. Therefore, no impacts are identified or anticipated and no mitigation measures are required.
2. Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.
3. 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 mitigation measures)
4. Significant adverse impacts have been identified or anticipated. An Environmental Impact Report (EIR) is required to evaluate these impacts, which are (Listing 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:**

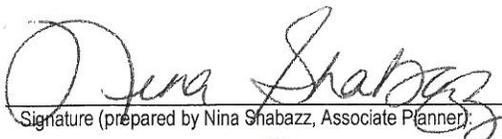
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

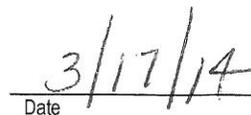
- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Aesthetics               | <input type="checkbox"/> Agriculture & Forestry Resources | <input type="checkbox"/> Air Quality                        |
| <input type="checkbox"/> Biological Resources     | <input type="checkbox"/> Cultural Resources               | <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/Traffic   | <input type="checkbox"/> Utilities & Service Systems      | <input type="checkbox"/> Mandatory Findings of Significance |

**DETERMINATION:** (To be completed by the Lead Agency)

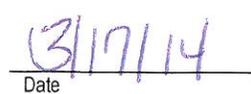
On the basis of this initial evaluation, the following finding is made:

- The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- Although the proposed project could have a significant effect on the environment, there will 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 will be prepared.
- The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- 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.
- 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 Nina Shabazz, Associate Planner)

  
Date

  
Signature: Heidi Duron, Supervising Planner

  
Date

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>I. AESTHETICS - Would the project</b>   |                                |  |                                     |                                     |
| 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) Substantially degrade the existing visual character or quality of the site and its surroundings?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Create a new source of substantial light or glare, which would 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):

- I a) **No Impact.** The proposed project is not located within a designated Scenic Corridor and will not have a substantial adverse effect on a scenic vista, as there are none identified within the vicinity of the project site that would be affected by the proposed subdivision.
- I b) **No Impact.** The proposed project will not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway, because the site is not adjacent to a state scenic highway and there are no rock outcroppings or historic buildings on the project site.
- I c) **Less Than Significant Impact.** The existing native desert vegetation includes approximately 117 locally protected Joshua Trees. The proposed project will not substantially degrade the existing visual character or quality of the site and its surroundings because all the newly created parcels will meet the minimum parcel size of 2.5 acres, per the Phelan/Rural Living (PH/RL) Land Use District Development Standards, allowing ample buildable area without significantly impacting the Joshua Trees. All building permits require a pre-construction inspection to verify the location of Joshua Trees and any such removal must comply with the County's ordinance regarding tree protection (County Development Code Section 89.0420).
- I d) **No Impact.** The proposed project will not create a new source of substantial light or glare that would adversely affect day or nighttime views in the area because at this time this project is only proposing the subdivision of ten (10) acres into four (4) parcels. No development is proposed at this time, therefore there will be no impact in this area.

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant    | No Impact                           |
|---|--------------------------------|--|--------------------------|-------------------------------------|
| <p><b>II. AGRICULTURE AND FORESTRY RESOURCES</b> - 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 Department 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:</p> |                                |  |                          |                                     |
| 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?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

II a-e) **No Impact.** The subject property is not identified or designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance on the maps prepared, pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. There are currently no agricultural uses on the site. The site is not under a Williamson Act land conservation contract. The site, within the High Desert of San Bernardino County,

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supports a mixed desert scrub community.

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

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>III. AIR QUALITY</b> - Where available, the significance criteria established by the applicable air quality management or air pollution control district may 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"/> |
| b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) 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 (including releasing emissions, which exceed quantitative thresholds for ozone precursors)? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Expose sensitive receptors to substantial pollutant concentrations?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) Create objectionable odors 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):

- III a) **No Impact.** The project will not conflict with or obstruct implementation of the Mojave Desert Air Quality Plan. Proposed project will not result in a traffic increase that is significant. The Air Quality Plan used development of one dwelling unit per 5 acres as the baseline. Because the subdivision proposes no development currently air quality will be significantly less impactful than the zoning designation allows.
- III b) **Less Than Significant Impact.** The project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation. The MDAQMD is in non-attainment for ozone and particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>). Although development is proposed as part of the environmental review, the proposed development will slightly contribute to particulate matter by using unpaved roads for access. As stated previously, proposed subdivision will be less than originally evaluated so will not contribute in any substantial way to the degradation of local air quality.
- III c) **Less Than Significant Impact.** The project will not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors), because future residential development will not exceed established thresholds of concern.
- III d) **No Impact.** The project will not expose any future or existing sensitive receptors to substantial pollutant concentrations, because there are no known or potential sources of concentrations of substantial pollutants within vicinity of the project site.
- III e) **No Impact.** The project will not create odors affecting a substantial number of people because there are no

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identified potential uses that will result in the production of objectionable odors.

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

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>IV. BIOLOGICAL RESOURCES - Would the project:</b>   |                                |  |                                     |                                     |
| 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 Game or U.S. Fish and Wildlife Service? | <input type="checkbox"/>       | <input checked="" type="checkbox"/>                | <input 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 Game or US Fish and Wildlife Service?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) 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?   | <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 ): Desert Tortoise; Mohave Ground Squirrel & Burrowing Owl

RCA Associates LLC., conducted a Focused Desert Tortoise on September 4, 2013. The report was prepared in September 2013.

IV a) **Less Than Significant Impact with Mitigation Incorporated.** The project site is located within designated Desert Tortoise habitat. A survey to determine the presence or absence of this species will be conducted prior to recordation of the Parcel map or prior to any ground disturbance. If any sensitive species is found on-site, implementation of any and all required mitigation measures will reduce potential impacts to a level below significance. **See Mitigation Measure IV-a.**

IV b) **No 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

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Fish and Wildlife or US Fish and Wildlife Service because no such habitat has been identified or is known to exist on the project site.

- IV 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.
- IV 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 the General Biological Resources Assessment found no such corridors or nursery sites within or near the project site.
- IV e) **Less Than Significant Impact.** The existing native desert vegetation includes approximately 117 locally protected Joshua Trees. The proposed 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 any such removal must comply with the County's ordinance regarding tree protection (County Development Code Section 89.0420).
- IV 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.

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Possible significant adverse impacts have been identified or anticipated and the following mitigation measure is required as a condition of project approval to reduce these impacts to a level below significant. The required mitigation measures are:

***[Mitigation Measure IV a]***

*A survey to determine whether the project site is within occupied Desert Tortoise habitat shall be completed prior to recordation of the Parcel Map or prior to any ground disturbance. The survey shall be made by a qualified biologist. A list of qualified biologists may be obtained from the County Planning Division. This survey is required because the Desert Tortoise was added to the Federal List of Threatened and Endangered Species on April 2, 1990. Federal law prohibits the "taking" of any endangered species, which includes any activity that would harm, kill, or harass the remaining population. A Section 10 (a) permit from the U.S. Fish and Wildlife Service, Department of the Interior may be required for "incidental taking" authorized in connection with otherwise legal activities. The State of California also lists the Desert Tortoise as a threatened species. The California Department of Fish and Wildlife (CDFW) may require a 2081 permit.*

- a) A biota report evaluating the effects of this proposed project shall be submitted to the County Planning Division. The report shall include a discussion of survey methodology, results, conclusions, and recommendations. If the project site is within occupied habitat, the applicant shall obtain a Section 10 (a) permit and a 2081 permit (or acknowledgment from the U.S. Fish and Wildlife Service and the California Department of Fish and Wildlife that said permits are not required). A copy of said permits or acknowledgments shall be submitted to the County Planning Division prior to recordation of the Parcel Map or prior to any ground disturbance.*
- b) Results of the biota survey, report, and any proposed mitigation measure, shall be reviewed and approved by the County Planning Division prior to recordation of the Parcel Map or prior to any ground disturbance.*

*Required mitigation measures shall be implemented and/or added to the Composite Development Plan and to the Conditions of Approval.*

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|---|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>V. CULTURAL RESOURCES - Would the project</b>  |                                |  |                                     |                                     |
| a) Cause a substantial adverse change in the significance of a historical resource as defined in §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) 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"/>            |
| d) Disturb any human remains, including those interred outside of formal cemeteries?                          | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

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

- V 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.
- V b) **No Impact.** This project will not cause a substantial adverse change to any archaeological resource because no resources have been identified on the site. To further reduce the potential for impacts, a condition shall be added to the project that requires the developer to contact the San Bernardino County Museum for determination of appropriate measures, if any finds are made during project construction.
- V c) **Less Than Significant Impact.** This project will not directly or indirectly destroy a unique paleontological resource or site or unique geologic feature, because no resources have been identified on the site. To further reduce the potential for impacts, a condition shall be added to the project which requires the developer to contact the County Museum for determination of appropriate measures, if any finds are made during project construction.
- V d) **No Impact.** This project will not disturb any human remains, including those interred outside of formal cemeteries, because no such burials grounds are identified on this project site. If any human remains are discovered, during construction of this project, the developer is required to contact the County Coroner, County Museum for determination of appropriate measures and a Native American representative, if the remains are determined to be of Native American origin.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|---|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VI. GEOLOGY AND SOILS - Would the project:</b>   |                                |  |                                     |                                     |
| a) 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, 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 | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| ii. Strong seismic ground shaking?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| iii. Seismic-related ground failure, including liquefaction?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| iv. Landslides?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) Result in substantial soil erosion or the loss of topsoil?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input 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 California Building Code (2001) creating substantial 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 on-site wastewater treatment tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**SUBSTANTIATION** (Check  if project is located in the Geologic Hazards Overlay District):

- VI a) **Less Than Significant Impact.** (i-iv) 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.
- VI b) **Less Than Significant Impact.** The project will not result in substantial soil erosion or the loss of topsoil because no development is proposed at this time.
- VI 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.
- VI 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.

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VI e) **No Impact.** Using the Lahontan Regional Water Quality Control Board standards and requirements, the County Environmental Health Services Department will require a percolation test prior to on-site wastewater treatment system installation. Therefore, there will be no significant impact.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                |
|---|--------------------------------|--|-------------------------------------|--------------------------|
| <b>VII. GREENHOUSE GAS EMISSIONS – Would the project:</b>   |                                |  |                                     |                          |
| 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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> |

SUBSTANTIATION:

VII a,b) **Less Than Significant Impact.** As discussed in Section III of this document, the proposed project does not include any development. It is a residential subdivision to create four 2.5 acre parcels on 10 acres. The Air Quality Plan used the underlying zoning to evaluate impacts is based on. The subdivision creates parcels that are consistent with what is allowed by the zoning. However, future residential development will contribute to particulate matter by using unpaved roads for access.

On December 6, 2011, the San Bernardino County Board of Supervisors adopted the County Greenhouse Gas (GHG) Emissions Reduction Plan. As part of the GHG Plan, sample project sizes that exceed the 3000 MTCO<sub>2e</sub> level were established. The threshold for single family residential development is 60 to 80 units. GHGs and criteria pollutants associated with residences will remain unchanged as there are no residences currently proposed. For this reason, it is unlikely that this project would impede the state's ability to meet the reduction targets of AB32.

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

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>VIII. HAZARDS AND HAZARDOUS MATERIALS - Would the project:</b>  |                                |  |                                     |                                     |
| 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 for people residing or working in the project area? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) 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"/> |
| h) Expose people or structures to a significant risk of loss, injury or death involving wild land fires, including where wild lands are adjacent to urbanized areas or where residences are intermixed with wild lands?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**SUBSTANTIATION**

VIII 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.

VIII 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,

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because the project is a subdivision only. Any proposed future 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.

- VIII 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 one-quarter mile away from the project site.
- VIII 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.
- VIII e) **No Impact.** The project site is not within the vicinity or approach/departure flight path of a public airport.
- VIII f) **No Impact.** The project site is not within the vicinity or approach/departure flight path of a private airstrip.
- VIII 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.
- VIII h) **Less Than Significant Impact.** Prior to any construction occurring on any parcel, the applicant shall contact the County Fire Department for verification of current fire protection requirements. Any new construction shall comply with the current Uniform Fire Code requirements and all applicable statutes, codes, ordinances, and standards of the Fire Department. The project site is in the FS-2 Fire Safety Overlay. The requirements of the overlay district are designed to reduce fire hazard risk to below a level of significance.

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

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>IX. HYDROLOGY AND WATER QUALITY - Would the project:</b>  |                                |  |                                     |                                     |
| a) Violate any water quality standards or waste discharge requirements?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) 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 (e.g., the production rate of pre-existing nearby wells would drop to a level, which would not support existing land uses or planned uses for which permits have been granted)? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input 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, in a manner that would result in substantial erosion or siltation on- or off-site?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e) Create or contribute runoff water, which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Otherwise substantially degrade water quality?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) Place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| h) Place within a 100-year flood hazard area structure, which would impede or redirect flood flows?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| j) Inundation by seiche, tsunami, or mudflow?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

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## SUBSTANTIATION

- IX a) **No Impact.** The project will not violate any water quality standards or waste discharge requirements because the on-site septic systems must be approved by the County Environmental Health Services based on requirements by the Lahontan Region Water Quality Control Board.
- IX b) **Less Than Significant 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 the project is served by CSA, Zone L, which has indicated that there is currently sufficient capacity in the existing water system to serve the anticipated needs of this project.
- IX c) **Less Than Significant Impact.** The project will not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in substantial erosion or siltation, on or off the site. The following CDP note will be required as part of the Conditions of Approval for this project: "Any natural drainage course and easement shall not be occupied or obstructed or disturbed without prior approval of the Land Development Engineering Division of the Land Use Services Department." This will reduce any potentially significant impact to non-significant.
- IX d) **Less Than Significant Impact.** The project will not substantially alter any existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site because the project does not propose any alteration to a drainage pattern, stream or river. The following CDP notes will be required as part of the Conditions of Approval for this project: "Any natural drainage course and easement shall not be occupied or obstructed or disturbed without prior approval of the Land Development Engineering Division of the Land Use Services Department." This will reduce any potentially significant impact to non-significant.
- IX e) **No Impact.** The future development of a single-family residence will not create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems because the drainage of the residences will be handled by the natural drainage courses on the property. Land Use Services Department has reviewed the proposed project drainage and has determined that the existing and proposed systems are adequate to handle anticipated flows. There will be adequate capacity in the local and regional drainage systems, so that downstream properties are not negatively impacted by any increases or changes in volume, velocity or direction of storm water flows originating from or altered by the project.
- IX f) **No Impact.** The project will not otherwise substantially degrade water quality, because appropriate measures relating to water quality protection, including erosion control measures will be required and implemented when the site is developed, although no development is proposed at this time.

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- IX g, h) **Less Than Significant Impact.** This project does not lie in any floodplain overlays. All future construction must meet the requirements from the County Land Development Division (Roads/Drainage). This will reduce any potential impacts to a level below significance.

The project site is in Zone D as designated by the Federal Emergency Management Agency (FEMA). The Zone D designation is used for areas where there are possible but undetermined flood hazards, as no analysis of flood hazards has been conducted.

- IX i) **No Impact.** The project will not expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam, because the project site is not within any identified path of a potential inundation flow that might result in the event of a dam or levee failure or that might occur from a river, stream, lake, or sheet flow situation.
- IX j) **No Impact.** The project will not be impacted by inundation by seiche, tsunami, or mudflow. The project is not adjacent to any body of water that has the potential of seiche or tsunami or is the project site in the path of any potential mudflow.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant    | No Impact                           |
|---|--------------------------------|--|--------------------------|-------------------------------------|
| <b>X. LAND USE AND PLANNING - Would the project:</b>  |                                |  |                          |                                     |
| a) Physically divide an established community?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Conflict with any applicable habitat conservation plan or natural community conservation plan?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**SUBSTANTIATION**

- X 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 Phelan/Rural Living (PH/RL) land use district, which allows a single-family residence on a minimum 2.5-acre lot.
- X 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 Code and General Plan. The project complies with all hazard protection, resource preservation, and land-use-modifying Overlay District regulations.
- X c) **No Impact.** The project will not conflict with any applicable habitat conservation plan or natural community conservation plan, because there is no habitat conservation plan or natural community conservation plan within the area surrounding the project site and no habitat conservation lands are required to be purchased as mitigation for the proposed project.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                |
|---|--------------------------------|--|-------------------------------------|--------------------------|
| <b>XI. MINERAL RESOURCES - Would the project:</b>   |                                |  |                                     |                          |
| a) 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?                                | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> |

**SUBSTANTIATION** (Check  if project is located within the Mineral Resource Zone Overlay): MRZ-4

- XI a) **Less Than Significant 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. The project lies within the Mineral Resources Zone Four (MRZ-4) Overlay which indicates an area of no known mineral occurrences where geologic information does not rule out either the presence or absence of significant mineral resources. There are no known mineral occurrences on the site.
- XI b) **Less Than Significant Impact.** The project will not 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, because there are no identified locally important mineral resources on the project site. The project lies within the Mineral Resources Zone Four (MRZ-4) Overlay which indicates an area of unknown mineral resource significance. There are no known mineral occurrences on the site.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|---|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>XII. NOISE - Would the project:</b>  |                                |  |                                     |                                     |
| a) Exposure of persons to or generation of noise levels 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) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input 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 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"/> |
| f) For a project within the vicinity of a private airstrip, 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 ):

- XII a) **No Impact.** The project 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 reduced to an acceptable level shall be submitted to County Environmental Health Services for review and approval prior to future residential construction. Adherence to any requirements resulting from the review shall reduce any potentially significant impacts to a level below significant.
- XII 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 subdivision.
- XII c) **No Impact.** The project will not generate a substantial permanent increase in ambient noise levels in the project vicinity above levels existing or allowed without the project. 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 project. 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

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reduced to an acceptable level shall be submitted to County Environmental Health Services for review and approval prior to future residential construction. Adherence to any requirements resulting from the review shall reduce any potentially significant impacts to a level below significant.

- XII d) **Less Than Significant Impact.** The project will not generate a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project because no development is proposed at this time. Future development of the proposed parcels may result in temporary or periodic noise increases associated with construction activities. These activities will be required to adhere to County Noise Standards including restricted days and hours of construction.
- XII e) **No Impact.** The project is not located within an airport land-use plan area or within two miles of a public/public use airport.
- XII f) **No Impact.** The project is not within the vicinity of a private airstrip.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|---|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>XIII. POPULATION AND HOUSING - Would the project:</b>  |                                |  |                                     |                                     |
| a) Induce substantial 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 housing, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**SUBSTANTIATION**

- XIII a) **Less Than Significant Impact.** The project will not induce substantial population growth in an area either directly or indirectly. The proposed four parcels will generate four households, which will add approximately 12 new residents at final build-out.
- XIII 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. The property is currently vacant.
- XIII c) **No Impact.** The proposed use will not displace any people necessitating the construction of replacement housing elsewhere, because the project will not displace any existing housing or existing residents. The property is currently vacant.

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

**XIV. 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:

|                          | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                |
|--------------------------|--------------------------------|--|-------------------------------------|--------------------------|
| 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**

XIV a) **Less Than Significant Impact.** The proposed project will not 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, 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.**

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                |
|--|--------------------------------|--|-------------------------------------|--------------------------|
| <b>XV. RECREATION</b>  |                                |  |                                     |                          |
| 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 would occur or be accelerated? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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?                       | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**SUBSTANTIATION**

- XV 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 impacts from this proposed minor subdivision will be minimal because only approximately 12 new residents in four households will be generated at final build-out.
- XV 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 home sites proposed.

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

|   | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|---|--------------------------------|--|-------------------------------------|-------------------------------------|
| <b>XVI. TRANSPORTATION/TRAFFIC - Would the project:</b>   |                                |  |                                     |                                     |
| a) Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways, and freeways, pedestrian and bicycle paths, and mass transit? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Substantially increase hazards due to a 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"/> |
| e) Result in inadequate emergency access?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**SUBSTANTIATION**

- XVI a) **Less Than Significant Impact.** The County Traffic Division found that there would be no adverse impacts on traffic because of the proposed subdivision. The subdivision will not result in an increase in the number of vehicle trips over what currently exists. The property is located within the High Desert Local Area Transportation Facilities Fee Plan. Developers of future residences will be required to contribute to that plan before building permits are issued. Fees collected by the plan are used for road improvements and maintenance within the plan area.
- XVI b) **No Impact.** The project will not exceed, either individually or cumulatively, a 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 LOS C or better, as required by the County General Plan.
- XVI c) **No Impact.** The project will not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. There are no airports in the vicinity of the project and there is no anticipated notable impact on air traffic volumes by passengers or freight generated by

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the proposed use. No new air traffic facilities are proposed.

- XVI d) **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.
- XVI e) **No Impact.** The project will not result in inadequate emergency access because there are a minimum of two access points.
- XVI f) **No Impact.** The project will not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities. This is a minor subdivision to create four parcels for residential purposes only and a remainder parcel. This project will have no impact on alternative methods of transportation. The Victor Valley Transit Authority provides services in the general area.

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

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant    | No Impact                           |
|--|--------------------------------|--|--------------------------|-------------------------------------|
| <b>XVII. UTILITIES AND SERVICE SYSTEMS - Would the project:</b>  |                                |  |                          |                                     |
| a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?                             | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?                                      | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new, or expanded, entitlements needed?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) 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"/> |
| f) Be served by a landfill(s) with sufficient permitted capacity to accommodate the project's solid waste disposal needs?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Comply with federal, state, and local statutes and regulations related to solid waste?  | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**SUBSTANTIATION**

- XVII a) **No Impact.** The proposed project does not impact wastewater treatment requirements. Future residential development must comply with requirements of the Regional Water Quality Control Board, *Lahontan* Region, as determined by County Public Health – Environmental Health Services.
- XVII b) **No Impact.** The proposed subdivision project will not require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities. There is no wastewater treatment provider serving the project area. On-site wastewater treatment systems will serve future residences. These on-site wastewater treatment systems must be approved by the County Environmental Health Services based on requirements by the *Lahontan* Region Water Quality Control Board; therefore there will be no impact in this area.
- XVII c) **No Impact.** The proposed project will not require or result in the construction of new storm water drainage facilities or expansion of existing facilities that cause significant environmental effects. County Public Works has determined that there is sufficient capacity in the existing storm water system to absorb any additional storm water drainage caused by the project. All future residential construction must meet the requirements from the County Public Works, Land Development Division (Roads/Drainage), including building elevation of a minimum of one foot above the existing grade.

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- XVII d) **No Impact.** The proposed project will have sufficient water supplies available to serve the project from existing entitlements and resources, as CSA, Zone L has given assurance that it has adequate water service capacity to serve the projected demand for the project, in addition to the provider's existing commitments.
- XVII e) **No Impact.** There is no wastewater treatment provider serving the project area. On-site wastewater treatment systems will serve future residences. These on-site wastewater treatment systems must be approved by the County Environmental Health Services based on requirements by the Lahontan Regional Water Quality Control Board.
- XVII f) **No Impact.** The proposed project is served by the Victorville Sanitary Landfill, which has sufficient permitted capacity to accommodate the proposed project's future solid waste disposal needs.
- XVII g) **No Impact.** The proposed 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.**

**XVIII. MANDATORY FINDINGS OF SIGNIFICANCE:**

|  | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant               | No Impact                           |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|
| a) Does the project have the potential to 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, 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 checked="" type="checkbox"/>                | <input type="checkbox"/>            | <input 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 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)?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?   | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**SUBSTANTIATION**

XVIII a) **Less Than Significant Impact with Mitigation Incorporated.** The project does not appear 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 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 117 locally protected Joshua Trees. The proposed project will not substantially degrade the existing visual character or quality of the site and its surroundings because all the newly created parcels will meet the minimum parcel size of 2.5 acres, per the Phelan/Rural Living (PH/RL) Land Use District Development Standards, allowing ample buildable area without significantly impacting the Joshua Trees. All building permits require a pre-construction inspection to verify the location of Joshua Trees and any such removal must comply with the County's ordinance regarding tree protection (County Development Code Section 89.0420).

The project site is located within designated Desert Tortoise habitat (Category 3). A survey to determine the presence or absence of this species will be conducted prior to recordation of the Parcel map or prior to any ground disturbance. If any sensitive species is found on-site, implementation of any and all required mitigation measures will reduce potential impacts to a level below significance.

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- XVIII b) **Less Than Significant 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.
- XVIII 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.

At a minimum, the project is required to meet the conditions of approval for the subdivision project to be implemented. Future development must comply with the requirements on the Composite Development Plan. It is anticipated that all such conditions of approval and requirements prior to construction will insure that no potential for adverse impacts will be introduced by the subdivision or future residential construction activities.

**Possible significant adverse impacts have been identified or anticipated and the mitigation measures listed in the following section are required as conditions of project approval to reduce these impacts to a level below significant.**

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## **XIX. MITIGATION MEASURES**

(Any mitigation measures, which are not 'self-monitoring', shall have a Mitigation Monitoring and Reporting Program prepared and adopted at time of project approval)

**SELF MONITORING MITIGATION MEASURES:** (Condition compliance will be verified by existing procedure)

### ***[Mitigation Measure IV a-1]***

The following note shall be placed on the CDP:

“For all grading or other land disturbing activity proposed after 10/31/2013, a preconstruction inspection shall be completed by a County approved biologist to either confirm the continued absence of the desert tortoise on the project site or to verify the intensity and location of recently migrated Desert Tortoise on the project site. If a desert tortoise is discovered on the site all activities shall cease. The developer shall notify the U. S. Fish and Wildlife Service and shall initiate a Section 2081 consultation with the CDFW for the incidental take of the desert tortoise.”

Add the following note to the CDP:

“Pursuant to the California Endangered Species Act and regulations of the California Department of Fish and Wildlife (CDFW), the following provisions are required. These requirements are based on the Focused Survey prepared for the project (*Focused Desert Tortoise Survey*), RCA Associates 9/4/2013).

a) This report is valid for 12 months from the date of survey as per CDFW and USFWS requirements. An updated report will be required if project activities do not occur within the next 12-month period as per CDFW and USFWS requirements.

b) NOTE ON GRADING AND/OR CONSTRUCTION PERMIT: "The results of this report do not constitute authorization to “take” of the desert tortoise or any other listed or sensitive wildlife species. The authorization to impact the tortoise can only be granted by CDFW and USFWS. If desert tortoises are observed during future project activities, project activities should cease immediately and CDFW and USFWS should be contacted to discuss mitigation measures which may be required for the desert tortoise. Contact the San Bernardino County Land Use Services Department - Planning Division at 760.995.8140 for more information of the land owner's responsibilities."

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## **GENERAL REFERENCES**

Alquist-Priolo Special Studies Zone Act Map Series (PRC 27500)

California Department of Conservation. 2008. *San Bernardino County North Desert Region Parcels Under Agricultural Contract Map*. Sacramento, California.

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California Department of Water Resources, California's Ground Water Bulletin #118 Update, 2003

CEQA Guidelines, Appendix G

California Standard Specifications, July 1992

County of San Bernardino Museum, Archaeological Information Center

County of San Bernardino, Circulation and Infrastructure Background Report, February 21, 2006

County of San Bernardino, Countywide Integrated Waste Management Plan, 2007 Fire-Year Review Report, December 2007

County of San Bernardino. 2007. *County of San Bernardino 2007 Development Code*.

<http://cms.sbcounty.gov/lus/Planning/DevelopmentCode.aspx>

County of San Bernardino. General Plan, Land Use Element Map

County of San Bernardino Hazard Overlay Map FH30-B. <http://www.sbcounty.gov/Uploads/lus/HazMaps/FH-30B.pdf>

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

County of San Bernardino, *San Bernardino County Storm Water Program, Model Water Quality Management Plan Guidance*, June 2004.

County of San Bernardino Road Planning and Design Standards, [http://www.co.san-bernardino.ca.us/dpw/transportation/tr\\_standards.asp](http://www.co.san-bernardino.ca.us/dpw/transportation/tr_standards.asp)

Environmental Impact Report, San Bernardino County General Plan, 2007

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

Mojave Desert Air Quality Management District, *Mojave Desert Planning Area – Federal Particulate Matter (PM<sub>10</sub>) Attainment Plan*, July 1995

Mojave Desert Air Quality Management District, *Rule 403.2 Fugitive Dust Control for the Mojave Desert Planning Area*. 1996. <http://222.mdaqmd.ca.gov>

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Mojave Desert Air Quality Management District, *California Environmental Quality Act (CEQA) and Federal Conformity Guidelines*, June 2007

**PROJECT SPECIFIC REFERENCES**

RCA Associates, *Focused Desert Tortoise Survey*, September 4, 2013

