THE CITY OF SAN DIEGO

MITIGATED NEGATIVE DECLARATION

Project No. 610681
SCH No. N/A

SUBJECT: **Arroyo Sorrento TM** The project requests a TENTATIVE MAP (TM), COASTAL DEVELOPMENT PERMIT (CDP), SITE DEVELOPMENT PERMIT (SDP), and PLANNED DEVELOPMENT PERMIT (PDP) to subdivide a 101,470-square-foot lot into two parcels and construct a 3,328-square-foot single-family residence and a 900-square-foot companion unit on the second parcel. Parcel 1, comprising of 56,820-square-feet, contains an existing 2,888-square-foot single-family residence to remain. Parcel 2, comprising of 44,650-square-feet, contains an existing sand volleyball court, storage shed, retaining walls, and undeveloped features that will be removed with the construction of the new residence. The 2.33-acre site is located at 3790 Arroyo Sorrento Road and is designated Spaced Rural Residential (1 DU/AC) in Neighborhood 8/8b of the Carmel Valley Community Plan and is subject to the AR-1-2 zoning requirements. The project is also subject to Environmentally Sensitive Lands (ESL) - Steep Hillsides, Coastal Overlay Zone - Non-appealable Area 1, Fire Brush Management - 100' Setback, Fire - 300' Buffer Zone, Very High Fire Hazard Severity zone, and Transit Priority Area, and Council District 1. (LEGAL DESCRIPTION: Portion of Northeast Quarter of Section 30, Township 14 South, Range 3 West, San Bernardino Base and Meridian, City of San Diego, County of San Diego)

I. PROJECT DESCRIPTION:

See attached Initial Study.

II. ENVIRONMENTAL SETTING:

See attached Initial Study.

III. DETERMINATION:

The City of San Diego conducted an Initial Study which determined that the proposed project could have a significant environmental effect in the following areas(s): **CULTURAL RESOURCES** (**ARCHAEOLOGY), TRIBAL CULTURAL RESOURCES**. Subsequent revisions in the project proposal create the specific mitigation identified in Section V of this Mitigated Negative Declaration. The project as revised now avoids or mitigates the potentially

significant environmental effects previously identified, and the preparation of an Environmental Impact Report will not be required.

IV. DOCUMENTATION:

The attached Initial Study documents the reasons to support the above Determination.

V. MITIGATION, MONITORING AND REPORTING PROGRAM:

A. GENERAL REQUIREMENTS – PART I
Plan Check Phase (prior to permit issuance)

1. Prior to the issuance of a Notice To Proceed (NTP) for a subdivision, or any construction permits, such as Demolition, Grading or Building, or beginning any construction related activity on-site, the Development Services Department (DSD) Director's Environmental Designee (ED) shall review and approve all Construction Documents (CD), (plans, specification, details, etc.) to ensure the MMRP requirements are incorporated into the design.

2. In addition, the ED shall verify that the MMRP Conditions/Notes that apply ONLY to the construction phases of this project are included VERBATIM, under the heading, "**ENVIRONMENTAL/MITIGATION REQUIREMENTS**."

3. These notes must be shown within the first three (3) sheets of the construction documents in the format specified for engineering construction document templates as shown on the City website:

   https://www.sandiego.gov/development-services/forms-publications/design-guidelines-templates

4. The **TITLE INDEX SHEET** must also show on which pages the "Environmental/Mitigation Requirements" notes are provided.

5. **SURETY AND COST RECOVERY –** The Development Services Director or City Manager may require appropriate surety instruments or bonds from private Permit Holders to ensure the long-term performance or implementation of required mitigation measures or programs. The City is authorized to recover its cost to offset the salary, overhead, and expenses for City personnel and programs to monitor qualifying projects.

B. GENERAL REQUIREMENTS – PART II
Post Plan Check (After permit issuance/Prior to start of construction)

1. **PRE-CONSTRUCTION MEETING IS REQUIRED TEN (10) WORKING DAYS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.** The PERMIT HOLDER/OWNER is responsible to arrange and perform this meeting by contacting the CITY RESIDENT ENGINEER (RE) of the Field Engineering Division and City staff from MITIGATION MONITORING COORDINATION (MMC). Attendees must also include the Permit holder's Representative(s), Job Site Superintendent and the following consultants:

Qualified Archaeologist
Qualified Native American Monitor

Note: Failure of all responsible Permit Holder's representatives and consultants to attend shall require an additional meeting with all parties present.

CONTACT INFORMATION:
a) The PRIMARY POINT OF CONTACT is the **RE** at the **Field Engineering Division – 858-627-3200**
b) For Clarification of ENVIRONMENTAL REQUIREMENTS, it is also required to call **RE and MMC at 858-627-3360**

2. **MMRP COMPLIANCE:** This Project, Project Tracking System (PTS) #610681 and /or Environmental Document #610681, shall conform to the mitigation requirements contained in the associated Environmental Document and implemented to the satisfaction of the DSD's Environmental Designee (MMC) and the City Engineer (RE). The requirements may not be reduced or changed but may be annotated (i.e. to explain when and how compliance is being met and location of verifying proof, etc.). Additional clarifying information may also be added to other relevant plan sheets and/or specifications as appropriate (i.e., specific locations, times of monitoring, methodology, etc.

   Note: Permit Holder's Representatives must alert RE and MMC if there are any discrepancies in the plans or notes, or any changes due to field conditions. All conflicts must be approved by RE and MMC BEFORE the work is performed.

3. **OTHER AGENCY REQUIREMENTS:** Evidence of compliance with all other agency requirements or permits shall be submitted to the RE and MMC for review and acceptance prior to the beginning of work or within one week of the Permit Holder obtaining documentation of those permits or requirements. Evidence shall include copies of permits, letters of resolution or other documentation issued by the responsible agency.

   None Required

4. **MONITORING EXHIBITS**
   All consultants are required to submit, to RE and MMC, a monitoring exhibit on a 11x17 reduction of the appropriate construction plan, such as site plan, grading, landscape, etc., marked to clearly show the specific areas including the LIMIT OF WORK, scope of that discipline's work, and notes indicating when in the construction schedule that work will be performed. When necessary for clarification, a detailed methodology of how the work will be performed shall be included.

   NOTE: Surety and Cost Recovery – When deemed necessary by the Development Services Director or City Manager, additional surety instruments or bonds from the private Permit Holder may be required to ensure the long-term performance or implementation of required mitigation measures or programs. The City is

authorized to recover its cost to offset the salary, overhead, and expenses for City personnel and programs to monitor qualifying projects.

5. **OTHER SUBMITTALS AND INSPECTIONS:**
   The Permit Holder/Owner's representative shall submit all required documentation, verification letters, and requests for all associated inspections to the RE and MMC for approval per the following schedule:

Document Submittal/Inspection Checklist		
Issue Area	**Document Submittal**	**Associated Inspection/Approvals/ Notes**
General	Consultant Qualification Letters	Prior to Preconstruction Meeting
General	Consultant Construction Monitoring Exhibits	Prior to Preconstruction Meeting
Biology	Biologist Limit of Work Verification	Limit of Work Inspection
Cultural Resources (Archaeology)	Monitoring Report(s)	Archaeology/Historic Site Observation
Bond Release	Request for Bond Release Letter	Final MMRP Inspections Prior to Bond Release Letter

C. SPECIFIC MMRP ISSUE AREA CONDITIONS/REQUIREMENTS

HISTORICAL RESOURCES ARCHAEOLOGICAL and NATIVE AMERICAN MONITORING

I. Prior to Permit Issuance or Bid Opening/Bid Award

A. Entitlements Plan Check
   1. Prior to permit issuance or Bid Opening/Bid Award, whichever is applicable, the Assistant Deputy Director (ADD) Environmental designee shall verify that the requirements for Archaeological Monitoring and Native American monitoring have been noted on the applicable construction documents through the plan check process.

B. Letters of Qualification have been submitted to ADD
   1. Prior to Bid Award, the applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the archaeological monitoring program, as defined in the City of San Diego Historical Resources Guidelines (HRG). If applicable, individuals involved in the archaeological monitoring program must have completed the 40-hour HAZWOPER training with certification documentation.
   2. MMC will provide a letter to the applicant confirming the qualifications of the PI and all persons involved in the archaeological monitoring of the project meet the qualifications established in the HRG.

3. Prior to the start of work, the applicant must obtain written approval from MMC for any personnel changes associated with the monitoring program.

II. Prior to Start of Construction

A. Verification of Records Search
   1. The PI shall provide verification to MMC that a site-specific records search (1/4-mile radius) has been completed. Verification includes but is not limited to a copy of a confirmation letter from South Coastal Information Center, or, if the search was in-house, a letter of verification from the PI stating that the search was completed.
   2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.
   3. The PI may submit a detailed letter to MMC requesting a reduction to the ¼ mile radius.

B. PI Shall Attend Precon Meetings
   1. Prior to beginning any work that requires monitoring; the Applicant shall arrange a Precon Meeting that shall include the PI, Native American consultant/monitor (where Native American resources may be impacted), Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified Archaeologist and Native American Monitor shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Archaeological Monitoring program with the Construction Manager and/or Grading Contractor.
      a. If the PI is unable to attend the Precon Meeting, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
   2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects)
      The applicant shall submit a letter to MMC acknowledging their responsibility for the cost of curation associated with all phases of the archaeological monitoring program.
   3. Identify Areas to be Monitored
      Prior to the start of any work that requires monitoring, the PI shall submit an Archaeological Monitoring Exhibit (AME) (with verification that the AME has been reviewed and approved by the Native American consultant/monitor when Native American resources may be impacted) based on the appropriate construction documents (reduced to 11x17) to MMC identifying the areas to be monitored including the delineation of grading/excavation limits.
      The AME shall be based on the results of a site-specific records search as well as information regarding the age of existing pipelines, laterals and associated appurtenances and/or any known soil conditions (native or formation).
      MMC shall notify the PI that the AME has been approved.
   4. When Monitoring Will Occur
      a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
      b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as age of existing pipe to be replaced,

depth of excavation and/or site graded to bedrock, etc., which may reduce or increase the potential for resources to be present.

5. Approval of AME and Construction Schedule
   After approval of the AME by MMC, the PI shall submit to MMC written authorization of the AME and Construction Schedule from the CM.

III. During Construction

A. Monitor Shall be Present During Grading/Excavation/Trenching
   1. The Archaeological Monitor shall be present full-time during all soil disturbing and grading/excavation/trenching activities which could result in impacts to archaeological resources as identified on the AME. **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities such as in the case of a potential safety concern within the area being monitored. In certain circumstances OSHA safety requirements may necessitate modification of the AME.**
   2. The Native American consultant/monitor shall determine the extent of their presence during soil disturbing and grading/excavation/trenching activities based on the AME and provide that information to the PI and MMC. If prehistoric resources are encountered during the Native American consultant/monitor's absence, work shall stop and the Discovery Notification Process detailed in Section III.B-C and IV.A-D shall commence.
   3. The PI may submit a detailed letter to MMC during construction requesting a modification to the monitoring program when a field condition such as modern disturbance post-dating the previous grading/trenching activities, presence of fossil formations, or when native soils are encountered that may reduce or increase the potential for resources to be present.
   4. The archaeological and Native American consultant/monitor shall document field activity via the Consultant Site Visit Record (CSVR). The CSVR's shall be faxed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (**Notification of Monitoring Completion)**, and in the case of ANY discoveries. The RE shall forward copies to MMC.

B. Discovery Notification Process
   1. In the event of a discovery, the Archaeological Monitor shall direct the contractor to temporarily divert all soil disturbing activities, including but not limited to digging, trenching, excavating or grading activities in the area of discovery and in the area reasonably suspected to overlay adjacent resources and immediately notify the RE or BI, as appropriate.
   2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
   3. The PI shall immediately notify MMC by phone of the discovery and shall also submit written documentation to MMC within 24 hours by fax or email with photos of the resource in context, if possible.
   4. No soil shall be exported off-site until a determination can be made regarding the significance of the resource specifically if Native American resources are encountered.

C. Determination of Significance

1. The PI and Native American consultant/monitor, where Native American resources are discovered shall evaluate the significance of the resource. If Human Remains are involved, follow protocol in Section IV below.
    a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required.
    b. If the resource is significant, the PI shall submit an Archaeological Data Recovery Program (ADRP) and obtain written approval of the program from MMC, CM and RE. ADRP and any mitigation must be approved by MMC, RE and/or CM before ground disturbing activities in the area of discovery will be allowed to resume. **Note: If a unique archaeological site is also an historical resource as defined in CEQA Section 15064.5, then the limits on the amount(s) that a project applicant may be required to pay to cover mitigation costs as indicated in CEQA Section 21083.2 shall not apply.**
        (1). Note: For pipeline trenching and other linear projects in the public Right-of-Way, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D."
    c. If the resource is not significant, the PI shall submit a letter to MMC indicating that artifacts will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that that no further work is required.
        (1). Note: For Pipeline Trenching and other linear projects in the public Right-of-Way, if the deposit is limited in size, both in length and depth; the information value is limited and is not associated with any other resource; and there are no unique features/artifacts associated with the deposit, the discovery should be considered not significant.
        (2). Note, for Pipeline Trenching and other linear projects in the public Right-of-Way, if significance cannot be determined, the Final Monitoring Report and Site Record (DPR Form 523A/B) shall identify the discovery as Potentially Significant.

D. Discovery Process for Significant Resources - Pipeline Trenching and other Linear Projects in the Public Right-of-Way

The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities or for other linear project types within the Public Right-of-Way including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance:

1. Procedures for documentation, curation and reporting
    a. One hundred percent of the artifacts within the trench alignment and width shall be documented in-situ, to include photographic records, plan view of the trench and profiles of side walls, recovered, photographed after cleaning and analyzed and curated. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact.
    b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.
    c. The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) the resource(s) encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines. The DPR forms shall be submitted to

the South Coastal Information Center for either a Primary Record or SDI Number and included in the Final Monitoring Report.

d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

IV. Discovery of Human Remains

If human remains are discovered, work shall halt in that area and no soil shall be exported off-site until a determination can be made regarding the provenance of the human remains; and the following procedures as set forth in CEQA Section 15064.5(e), the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) shall be undertaken:

A. Notification
   1. Archaeological Monitor shall notify the RE or BI as appropriate, MMC, and the PI, if the Monitor is not qualified as a PI. MMC will notify the appropriate Senior Planner in the Environmental Analysis Section (EAS) of the Development Services Department to assist with the discovery notification process.
   2. The PI shall notify the Medical Examiner after consultation with the RE, either in person or via telephone.

B. Isolate discovery site
   1. Work shall be directed away from the location of the discovery and any nearby area reasonably suspected to overlay adjacent human remains until a determination can be made by the Medical Examiner in consultation with the PI concerning the provenience of the remains.
   2. The Medical Examiner, in consultation with the PI, will determine the need for a field examination to determine the provenience.
   3. If a field examination is not warranted, the Medical Examiner will determine with input from the PI, if the remains are or are most likely to be of Native American origin.

C. If Human Remains **ARE** determined to be Native American
   1. The Medical Examiner will notify the Native American Heritage Commission (NAHC) within 24 hours. By law, **ONLY** the Medical Examiner can make this call.
   2. NAHC will immediately identify the person or persons determined to be the Most Likely Descendent (MLD) and provide contact information.
   3. The MLD will contact the PI within 24 hours or sooner after the Medical Examiner has completed coordination, to begin the consultation process in accordance with CEQA Section 15064.5(e), the California Public Resources and Health & Safety Codes.
   4. The MLD will have 48 hours to make recommendations to the property owner or representative, for the treatment or disposition with proper dignity, of the human remains and associated grave goods.
   5. Disposition of Native American Human Remains will be determined between the MLD and the PI, and, if:
      a. The NAHC is unable to identify the MLD, OR the MLD failed to make a recommendation within 48 hours after being granted access to the site, OR;

b. The landowner or authorized representative rejects the recommendation of the MLD and mediation in accordance with PRC 5097.94 (k) by the NAHC fails to provide measures acceptable to the landowner, the landowner shall reinter the human remains, and items associated with Native American human remains with appropriate dignity on the property in a location not subject to further and future subsurface disturbance, THEN

c. To protect these sites, the landowner shall do one or more of the following:
   (1) Record the site with the NAHC;
   (2) Record an open space or conservation easement; or
   (3) Record a document with the County. The document shall be titled "Notice of Reinternment of Native American Remains" and shall include a legal description of the property, the name of the property owner, and the owner's acknowledged signature, in addition to any other information required by PRC 5097.98. The document shall be indexed as a notice under the name of the owner.

d. Upon the discovery of multiple Native American human remains during a ground disturbing land development activity, the landowner may agree that additional conferral with descendants is necessary to consider culturally appropriate treatment of multiple Native American human remains. Culturally appropriate treatment of such a discovery may be ascertained from review of the site utilizing cultural and archaeological standards. Where the parties are unable to agree on the appropriate treatment measures the human remains and items associated and buried with Native American human remains shall be reinterred with appropriate dignity, pursuant to Section 5.c., above.

D. If Human Remains are **NOT** Native American

1. The PI shall contact the Medical Examiner and notify them of the historic era context of the burial.
2. The Medical Examiner will determine the appropriate course of action with the PI and City staff (PRC 5097.98).
3. If the remains are of historic origin, they shall be appropriately removed and conveyed to the San Diego Museum of Man for analysis. The decision for internment of the human remains shall be made in consultation with MMC, EAS, the applicant/landowner, any known descendant group, and the San Diego Museum of Man.

V. Night and/or Weekend Work

A. If night and/or weekend work is included in the contract

1. When night and/or weekend work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
2. The following procedures shall be followed.

   a. No Discoveries
   In the event that no discoveries were encountered during night and/or weekend work, the PI shall record the information on the CSVR and submit to MMC via fax by 8AM of the next business day.

   b. Discoveries
   All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction, and IV – Discovery of Human Remains. Discovery of human remains shall always be treated as a significant discovery.

c. Potentially Significant Discoveries
If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction and IV-Discovery of Human Remains shall be followed.

d. The PI shall immediately contact the RE and MMC, or by 8AM of the next business day to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.

B. If night and/or weekend work becomes necessary during the course of construction
   1. The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
   2. The RE, or BI, as appropriate, shall notify MMC immediately.

C. All other procedures described above shall apply, as appropriate.

VI. Post Construction

A. Submittal of Draft Monitoring Report
   1. The PI shall submit two copies of the Draft Monitoring Report (even if negative), prepared in accordance with the Historical Resources Guidelines (Appendix C/D) which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90 days following the completion of monitoring. **It should be noted that if the PI is unable to submit the Draft Monitoring Report within the allotted 90-day timeframe as a result of delays with analysis, special study results or other complex issues, a schedule shall be submitted to MMC establishing agreed due dates and the provision for submittal of monthly status reports until this measure can be met.**
      a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.
      b. Recording Sites with State of California Department of Parks and Recreation
      The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.
   2. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or, for preparation of the Final Report.
   3. The PI shall submit revised Draft Monitoring Report to MMC via the RE for approval.
   4. MMC shall provide written verification to the PI of the approved report.
   5. MMC shall notify the RE or BI, as appropriate, of receipt of all Draft Monitoring Report submittals and approvals.

B. Handling of Artifacts
   1. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued

2. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.

C. Curation of artifacts: Accession Agreement and Acceptance Verification
   1. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with MMC and the Native American representative, as applicable.
   2. When applicable to the situation, the PI shall include written verification from the Native American consultant/monitor indicating that Native American resources were treated in accordance with state law and/or applicable agreements. If the resources were reinterred, verification shall be provided to show what protective measures were taken to ensure no further disturbance occurs in accordance with Section IV – Discovery of Human Remains, Subsection C.
   3. The PI shall submit the Accession Agreement and catalogue record(s) to the RE or BI, as appropriate for donor signature with a copy submitted to MMC.
   4. The RE or BI, as appropriate shall obtain signature on the Accession Agreement and shall return to PI with copy submitted to MMC.
   5. The PI shall include the Acceptance Verification from the curation institution in the Final Monitoring Report submitted to the RE or BI and MMC.

D. Final Monitoring Report(s)
   1. The PI shall submit one copy of the approved Final Monitoring Report to the RE or BI as appropriate, and one copy to MMC (even if negative), within 90 days after notification from MMC of the approved report.
   2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.

VI. PUBLIC REVIEW DISTRIBUTION:

Draft copies or notice of this Mitigated Negative Declaration were distributed to:

CITY OF SAN DIEGO
Mayor's Office
Councilmember Barbara Bry, Council District 1
Development Services:
- Development Project Manager
- Engineering Review
- Environmental Review
- Fire
- Geology
- Landscaping
- Long-Range Planning
- MSCP
- Planning Review
- Transportation

MMC (77A)

City Attorney's Office (93C)

OTHER ORGANIZATIONS AND INTERESTED PARTIES
Historical Resources Board (87)
Carmen Lucas (206)
South Coastal Information Center (210)
San Diego Archaeological Center (212)
Save Our Heritage Organization (214)
Ron Christman (215)
Clint Linton (215B)
Frank Brown – Inter-Tribal Cultural Resources Council (216)
Campo Band of Mission Indians (217)
San Diego County Archaeological Society, Inc. (218)
Kumeyaay Cultural Heritage Preservation (223)
Kumeyaay Cultural Repatriation Committee (225)
Arroyo Sorrento Homeowners Assn, Cecelia Kemper (356)
City of Del Mar Planning Department (358)
Arroyo Sorrento Property Owners, Jill McCarthy (359)

VII. RESULTS OF PUBLIC REVIEW:

( ) No comments were received during the public input period.

( ) Comments were received but did not address the accuracy or completeness of the draft environmental document. No response is necessary and the letters are incorporated herein.

( ) Comments addressing the accuracy or completeness of the draft environmental document were received during the public input period. The letters and responses are incorporated herein.

Copies of the draft Mitigated Negative Declaration, the Mitigation, Monitoring and Reporting Program and any Initial Study material are available in the office of the Development Services Department for review, or for purchase at the cost of reproduction.

Sara Osborn, AICP
Senior Planner
Development Services Department

9/24/2020
Date of Draft Report

Date of Final Report

Analyst: Rachael Ferrell

Attachments: Initial Study Checklist
Figure 1 – Location Map
Figure 2 – Site Plan

INITIAL STUDY CHECKLIST

1. Project title/Project number: Arroyo Sorrento TM / 610681

2. Lead agency name and address: City of San Diego, 1222 First Avenue, MS-501, San Diego, California 92101

3. Contact person and phone number: Rachael Ferrell / (619) 446-5129

4. Project location: 3790 Arroyo Sorrento Road, San Diego, CA 92130

5. Project Applicant/Sponsor's name and address: Cole Stafford, 4340 Viewridge Ave, Ste B, San Diego, CA 92123, (858) 634-8620

6. General/Community Plan designation: Residential/ Spaced Rural Residential (0-1 DU/AC)

7. Zoning: AR-1-2

8. Description of project (Describe the whole action involved, including but not limited to, later phases of the project, and any secondary, support, or off-site features necessary for its implementation.):

   The project requests a TENTATIVE MAP (TM), COASTAL DEVELOPMENT PERMIT (CDP), SITE DEVELOPMENT PERMIT (SDP), and PLANNED DEVELOPMENT PERMIT (PDP) to subdivide a 101,470-square-foot lot into two parcels and construct a 3,328-square-foot single-family residence and a 900-square-foot companion unit on the second parcel. Parcel 1, comprising of 56,820-square-feet, contains an existing 2,888-square-foot single-family residence to remain, and Parcel 2, comprising of 44,650-square-feet, contains developed and undeveloped features.

   The upper lot, proposed as Parcel 1, contains an existing residential structure with associated hardscape and landscape features to remain, and a portion of the concrete driveway pad. The lower lot, proposed as Parcel 2, contains a sand volleyball court, retaining walls, and landscape features to be removed for the construction of the residence and companion unit. Additionally, City Multi-Habitat Planning Area (MHPA) is located upslope from proposed Parcel 1, and away from the development area.

   The project's landscaping has been reviewed by staff and would comply with all applicable City of San Diego Landscape ordinances and standards. Drainage would be directed into appropriate storm drain systems designated to carry surface runoff, which has been reviewed and accepted by City Engineering staff. Ingress to the project site would be via Arroyo Sorrento Road. All parking would be provided on-site.

9. Surrounding land uses and setting:

   The 2.33-acre site is located at 3790 Arroyo Sorrento Road and is designated Spaced Rural Residential (1 DU/AC) in Neighborhood 8/8b of the Carmel Valley Community Plan, and is subject to the AR-1-2 zoning requirements. The project is also subject to Environmentally

Sensitive Lands (ESL) - Steep Hillsides, Coastal Overlay Zone - Non-appealable Area 1, Fire Brush Management - 100' Setback, Fire - 300' Buffer Zone, Very High Fire Hazard Severity zone, and Transit Priority Area, and Council District 1.

The project site is situated East of Carmel Country Road, West of Interstate-5, South of State Route-56, and North of Carmel Mountain Road. The project is located in a residential area of similar residential development.

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

List or None required.

11. 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, has consultation begun?

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.

In accordance with the requirements of Assembly Bill (AB) 52, the City of San Diego sent Notifications via email to the Native American Tribes traditionally and culturally affiliated with the project area. Both tribes responded within the 30-day time period requesting consultation. Consultation began on March 19, 2019 and concluded via email on March 21, 2019. Please see Section XVII of the Initial Study for more detail.

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.

☐	Aesthetics	☐	Greenhouse Gas Emissions	☐	Population/Housing
☐	Agriculture and Forestry Resources	☐	Hazards & Hazardous Materials	☐	Public Services
☐	Air Quality	☐	Hydrology/Water Quality	☐	Recreation
☐	Biological Resources	☐	Land Use/Planning	☐	Transportation/Traffic
☒	Cultural Resources	☐	Mineral Resources	☒	Tribal Cultural Resources
☐	Energy	☐	Noise	☐	Utilities/Service System
☐	Geology/Soils	☐	Mandatory Findings Significance	☐	Wildfire

DETERMINATION: (To be completed by Lead Agency)

On the basis of this initial evaluation:

☐ 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 (a) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (b) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required.

☐ 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 (MITIGATED) NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or (MITIGATED) NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

EVALUATION OF ENVIRONMENTAL IMPACTS:

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact answer should be explained where it is based on project specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis.)

2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses", as described in (5) below, may be cross-referenced).

5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or (mitigated) negative declaration. *Section 15063(c)(3)(D).* In this case, a brief discussion should identify the following:

    a. Earlier Analysis Used. Identify and state where they are available for review.

    b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

    c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated", describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9) The explanation of each issue should identify:

    a. The significance criteria or threshold, if any, used to evaluate each question; and

    b. The mitigation measure identified, if any, to reduce the impact to less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS – Would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐

The project proposes to split one parcel into two parcels and construct a single-family residence and companion unit on the second parcel, in a residential neighborhood with similar development. The project would meet all required setbacks and height requirements; additionally, there are no designated scenic vistas or view corridors identified on-site per the Carmel Valley Community Plan. Therefore, the project would not have a substantial adverse effect on a scenic vista. Impacts would be less than significant.

b) Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☒	☐

The project is situated within a developed residential neighborhood. The project is not located within or adjacent to a state scenic highway and therefore would not substantially damage such scenic resources. Therefore, impacts would be less than significant.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☒	☐

The project site contains an existing single-family residence and would construct another single-family residence and companion unit on the second parcel, located in a neighborhood of similar development. The project is compatible with the surrounding development and permitted by the community plan and zoning designation. The project would not degrade the existing visual character or quality of the site and its surroundings; therefore, impacts would be less than significant.

d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

The project would comply with the outdoor lighting standards contained in Municipal Code Section 142.0740 (Outdoor Lighting Regulations) that require all outdoor lighting be installed, shielded, and adjusted so that the light is directed in a manner that minimizes negative impacts from light pollution, including trespass, glare, and to control light from falling onto surrounding properties. Therefore, lighting installed with the project would not adversely affect day or nighttime views in the area, resulting in a less than significant lighting impact.

The project would comply with Municipal Code Section 142.0730 (Glare Regulations) that requires exterior materials utilized for proposed structures be limited to specific reflectivity ratings. The structure would consist of tempered glass, stucco, and concrete. The project would have a less than significant glare impact.

II. AGRICULTURAL AND FOREST 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 Department of Conservation as an optional model to use in assessing

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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) Converts 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?	☐	☐	☐	☒

The project is consistent with the community plan's land use designation and is located within a developed residential neighborhood. As such, the project site does not contain, and is not adjacent to, any lands identified as Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as show on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resource Agency. Therefore, the project would not result in the conversion of such lands to non-agricultural use. No significant impacts would occur, and no mitigation measures are required.

b) Conflict with existing zoning for agricultural use, or a Williamson Act Contract?	☐	☐	☐	☒

Refer to response II (a), above. There are no Williamson Act Contract lands on or within the vicinity of the project. The project is consistent with the existing land use and the underlying zone. The project would not conflict with any properties zoned for agricultural use or be affected by a Williamson Act Contract. Therefore, no impacts would result.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 1220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒

The project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. No designated forest land or timberland occur onsite as the project is consistent with the community plan, and the underlying zone. No impacts would result.

d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒

Refer to response II (c) above. Additionally, the project would not contribute to the conversion of any forested land to non-forest use, as surrounding properties are developed and land uses are generally built out. No impacts would result.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?	☐	☐	☐	☒

Refer to response II (a) and II (c), above. The project and surrounding areas do not contain any farmland or forest land. No changes to any such lands would result from project implementation. Therefore, no impact would result.

III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied on to make the following determinations – Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒

The San Diego Air Pollution Control District (SDAPCD) and San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the San Diego Air Basin (SDAB). The County Regional Air Quality Strategy (RAQS) was initially adopted in 1991, and is updated on a triennial basis (most recently in 2009). The RAQS outlines the SDAPCD's plans and control measures designed to attain the state air quality standards for ozone (O3). The RAQS relies on information from the California Air Resources Board (CARB) and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the county, to project future emissions and then determine the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by San Diego County and the cities in the county as part of the development of their general plans.

The RAQS relies on SANDAG growth projections based on population, vehicle trends, and land use plans developed by the cities and by the county as part of the development of their general plans. As such, projects that propose development that is consistent with the growth anticipated by local plans would be consistent with the RAQS. However, if a project proposes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the RAQS and may contribute to a potentially significant cumulative impact on air quality.

The project would split one parcel into two parcels and construct a single-family residence and companion unit on the second parcel within a developed neighborhood of similar residential uses. The project is consistent with the General Plan, community plan, and the underlying zoning for single-family residential development. Therefore, the project would be consistent at a sub-regional level with the underlying growth forecasts in the RAQS and would not obstruct implementation of the RAQS. As such, no impacts would result.

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☐	☒	☐

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

Short-Term (Construction) Emissions

Construction-related activities are temporary, short-term sources of air emissions. Sources of construction-related air emissions include fugitive dust from grading activities; construction equipment exhaust; construction-related trips by workers, delivery trucks, and material-hauling trucks; and construction-related power consumption.

Variables that factor into the total construction emissions potentially generated include the level of activity, length of construction period, number of pieces and types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported on or offsite.

Fugitive dust emissions are generally associated with land-clearing and grading operations. Construction operations would include standard measures as required by City of San Diego grading permit to limit potential air quality impacts. Any impacts associated with fugitive dust are considered less than significant and would not violate an air quality standard or contribute substantially to an existing or projected air quality violation. No mitigation measures are required.

Long-Term (Operational) Emissions

Long-term air emission impacts are those associated with stationary sources and mobile sources related to any change caused by a project. The project would produce minimal stationary sources emissions. The project is compatible with the surrounding development and is permitted by the community plan and zone designation. Based on the residential land use, project emissions over the long-term are not anticipated to violate any air quality standard or contribute substantially to an existing or projected air quality violation. Impacts would be less than significant, and no mitigation measures are required.

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)?	☐	☐	☒	☐

As described in III (b) above, construction operations could temporarily increase the emissions of dust and
other pollutants. However, construction emissions would be temporary and short-term in duration; implementation of Best Management Practices (BMPs) would reduce potential impacts related to construction activities to a less than significant level. Therefore, the project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a nonattainment under applicable federal or state ambient air quality standards. Impacts would be less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Create objectionable odors affecting a substantial number of people?	☐	☐	☒	☐

Short-term (Construction)
Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and architectural coatings. Such odors are temporary and generally occur at magnitudes that would not affect a substantial number of people. Therefore, impacts would be less than significant.

Long-term (Operational)
Typical long-term operational characteristics of the project are not associated with the creation of such odors nor anticipated to generate odors affecting a substantial number of people. The project would construct a single-family residence. Residential units, in the long-term operation, are not typically associated with the creation of such odors nor are they anticipated to generate odors affecting a substantial number or people. Therefore, project operations would result in less than significant impacts.

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 Game or U.S. Fish and Wildlife Service?	☐	☐	☒	☐

Direct Impacts

A Biological Resource Letter Report (BLR) was prepared by Ryan Quilley (September 15, 2018) for the Arroyo Sorrento Project. The report analyzed the impacts of the proposed project on the biological resources located in the vicinity of the project. The BLR indicated that MHPA lands do not exist on-site but are adjacent north of the site, and away from the proposed development, and that the site contains 1.5-acres of Tier IV habitat (developed lands, disturbed land, ornamental landscaping). Additionally, the site contains 0.13-acres of Coastal sage scrub and 0.02-acres of Southern mixed chaparral, but from the survey it was determined that both were very disturbed and located outside of the development footprint. In conclusion, the project would not directly impact any biological resources, and no mitigation would be required.

Indirect Impacts

The BLR identified that the project would be conditioned to comply with the City's Land Use Adjacency Guidelines (LUAG) to avoid any indirect impacts to the adjacent MHPA. Please see section IV (e) below.

Special Status Species

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

The project was found to not have suitable habitat for any special status species. Cooper's hawk and California gnatcatcher were observed during the field survey, but both were located off-site. It was determined that non-suitable habitat exists on-site for Cooper's hawk. The California gnatcatcher was observed outside of the MHPA, which is protected under the Migratory Bird Treaty Act (MBTA). Therefore, the project would not impact special status species and no mitigation would be required.

b) Have a substantial adverse effect on any riparian habitat or other community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒

The BLR did not identify any sensitive riparian habitat or other community identified in local or regional plans, policies, and regulations. Therefore, no impacts would result, and no mitigation is required.

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?	☐	☐	☐	☒

Wetlands or waters do not occur on-site. Wetlands or waters as regulated by the United States Army Corps of Engineers (USACE), the Regional Water Quality Control Board (RWQCB) or the California Department of Fish and Wildlife (CDFW) do not occur on-site and therefore will not be impacted by the project. No impacts would occur, and no mitigation measures are required.

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?	☐	☐	☐	☒

The project site is surrounded by existing residential development and is not located adjacent to any established wildlife corridor and would not impede the movement of any wildlife or the use of any wildlife nursery sites. Therefore, no impact would occur, and no mitigation measures are required.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐

The project site is adjacent to the City's MHPA and therefore is subject to the City's MSCP Subarea Plan. The project is conditioned to comply with the City's Land Use Adjacency Guidelines to protect any habitat within the MHPA that might be indirectly impacted by the project. Land Use Adjacency Guidelines address indirect impacts caused by drainage, toxics, lighting, noise, barriers, invasive species, brush management, grading, and bird strikes. Any impacts would be less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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?	☐	☐	☐	☒

Please refer to IV (e) above. The project does not conflict with any other local, regional, or state habitat conservation plan.

V. CULTURAL RESOURCES – Would the project:

a) Cause a substantial adverse change in the significance of an historical resource as defined in §15064.5?	☐	☐	☐	☒

The purpose and intent of the Historical Resources Regulations of the Land Development Code (Chapter 14, Division 3, and Article 2) is to protect, preserve and, where damaged, restore the historical resources of San Diego. The regulations apply to all proposed development within the City of San Diego when historical resources are present on the premises. Before approving discretionary projects, CEQA requires the Lead Agency to identify and examine the significant adverse environmental effects which may result from that project. A project that may cause a substantial adverse change in the significance of a historical resource may have a significant effect on the environment (sections 15064.5(b) and 21084.1). A substantial adverse change is defined as demolition, destruction, relocation, or alteration activities, which would impair historical significance (sections 15064.5(b)(1)). Any historical resource listed in, or eligible to be listed in the California Register of Historical Resources, including archaeological resources, is considered to be historically or culturally significant.

The City of San Diego criteria for determination of historic significance, pursuant to CEQA, is evaluated based upon age (over 45 years), location, context, association with an important event, uniqueness, or structural integrity of the building. Projects requiring the demolition and/or modification of structures that are 45 years or older have the potential to result in potential impacts to a historical resource.

The project site is constructing a single-family residence and companion unit on the second parcel as a result of a lot split, therefore the project would not be demolishing any existing structures over 45 years old which could impact a significant historical resource. No impacts would result.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐

Many areas of San Diego County, including mesas and the coast, are known for intense and diverse prehistoric occupation and important archaeological and historical resources. The region has been inhabited by various cultural groups spanning 10,000 years or more. The project area is located within an area identified as sensitive on the City of San Diego's Historical Resources Sensitivity Maps.

Therefore, a record search of the California Historic Resources Information System (CHRIS) digital database was reviewed to determine presence or absence of potential resources within the project

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

site by qualified archaeological City staff. Previously recorded historic and prehistoric sites have been identified in the near project vicinity. Due to the close proximity of the recorded resources and undeveloped nature of the site, a Cultural Resources Survey and report was required.

The Cultural Resources Survey and Report for the Arroyo Sorrento Lot Split project (Laguna Mountain Environmental Inc., January 2019) summarized that even though there were no cultural resources present in the project area, and no artifacts or other cultural material were observed, the southern portion of the project area included alluvial soils which could have the potential to contain any unknown buried resources. As such, an archaeological and Native American monitor must be present during all grading activities in order to reduce any potential impacts to a level below significance.

A Mitigation Monitoring and Reporting Program, as detailed within Section V of the Mitigated Negative Declaration would be implemented to reduce impacts related to Historical Resources (archaeology) to below a level of significance.

c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

According to the "Geology of the San Diego Metropolitan Area, California, Del Mar, 7.5 Minute Quadrangle Maps" (Kennedy and Peterson, 1975), and the Geotechnical Investigation (August 5, 2019), the project site is mostly underlain with the highly sensitive bedrock Bay point and Torrey Sandstone formations, which have a higher probability of containing important paleontological resources. The City's Significance Determination Thresholds state paleontological monitoring during grading activities may be required if it is determined that the project's earth movement quantity exceeds the Paleontological threshold (if greater than 1,000 cubic yards and ten feet deep for formations with a high sensitivity rating and if greater than 2,000 cubic yards and ten feet deep for formations with a moderate sensitivity rating). The project does not propose any grading activities which would exceed the grading thresholds in a moderate or high sensitive formation. Therefore, impacts would remain less than significant.

d) Disturb human remains, including those interred outside of dedicated cemeteries?	☐	☒	☐	☐

Refer to response V (b) above. Section V of the Mitigation Monitoring and Reporting Program contains provisions for the discovery of human remains. If human remains are discovered, work shall halt in that area and no soil shall be exported off-site until a determination can be made regarding the provenance of the human remains; and the following procedures as set forth in CEQA Section 15064.5(e), the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) shall be undertaken. Based upon the required mitigation measure impacts would be less than significant.

VI. ENERGY – Would the project:

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary	☐	☐	☒	☐

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
consumption of energy resources, during project construction or operation?				

The project would be required to meet mandatory energy standards of the current California energy code. Construction of the single-family residence would require operation of heavy equipment but would be temporary and short-term in duration. Additionally, long-term energy usage from the building would be reduced through design measures that incorporate energy conservation features in heating, ventilation and air conditioning systems, lighting and window treatments, and insulation and weather stripping. The project would also incorporate cool-roofing materials. Development of the project would not result in a significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources. Impacts would remain less than significant.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

The project is consistent with the General Plan and the Carmel Valley Community Plan's land use designation. The project is required in comply with the City's Climate Action Plan (CAP) by implementing energy reducing design measures, therefore the project would not obstruct a state or local plan for renewable energy or energy efficiency. No impacts would result.

VII. GEOLOGY AND SOILS – Would the project:

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.	☐	☐	☒	☐

According to the Geotechnical Investigation Report (August 5, 2019), the closest known active faults are the Rose Canyon fault located 5 miles southwest of the site and the Elsinore (Julian) fault located 29 miles northeast of the site. The site is not located in an Alquist-Priolo Earthquake Fault Zone. No active faults are known to underlie or project toward the site. Therefore, the probability of fault rupture is considered low. Additionally, the project would be required to comply with seismic requirement of the California Building Code, utilize proper engineering design and utilization of standard construction practices, to be verified at the building permit stage, in order to ensure that potential impacts based on regional geologic hazards would remain less than significant.

ii) Strong seismic ground shaking?	☐	☐	☒	☐

The site could be affected by seismic activity as a result of earthquakes on major active faults located throughout the Southern California area. The project would utilize proper engineering design and utilization of standard construction practices, to be verified at the building permit stage,

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

in order to ensure that potential impacts from regional geologic hazards would remain less than significant.

iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐

Liquefaction generally occurs when loose, unconsolidated, water-laden soils are subject to shaking, causing the soils to lose cohesion. The potential for soil liquefaction at the subject site is low due to the dense nature of the underlying bedrock materials beneath the site. The project would be required to comply with the California Building Code that would reduce impacts to people or structures to an acceptable level of risk. Implementation of proper engineering design and utilization of standard construction practices, to be verified at the building permit stage, would ensure that the potential for impacts from regional geologic hazards would remain less than significant.

iv) Landslides?	☐	☐	☒	☐

According to the Geotechnical Investigation Report (August 5, 2019), no evidence of landslides or slope instabilities were observed on-site. Therefore, the possibility of deep-seated slope stability problems at the site is low. Implementation of proper engineering design and utilization of standard construction practices, to be verified at the building permit stage, would ensure that the potential for impacts would be reduced to an acceptable level of risk. Impacts would be less than significant.

b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐

Demolition and construction activities would temporarily expose soils to increased erosion potential. The project would be required to comply with the City's Storm Water Standards which requires the implementation of appropriate Best Management Practices (BMPs). Grading activities within the site would be required to comply with the City of San Diego Grading Ordinance as well as the Storm Water Standards, which would ensure soil erosion and topsoil loss is minimized to less than significant levels. Furthermore, permanent storm water BMPs would also be required postconstruction consistent with the City's regulations. Therefore, the project would not result in substantial soils erosion or loss of topsoil, therefore impacts would be less than significant.

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?	☐	☐	☒	☐

As discussed in Section VII (a) and VII (b), the project site is not likely to be subject to landslides, and the potential for liquefaction and subsidence is low. The soils and geologic units underlying the site are considered to have a "low" expansion potential. The project design would be required to comply with the requirements of the California Building Code, ensuring hazards associated with expansive soils would be reduced to an acceptable level of risk. As such, impacts are expected to be less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☒	☐

The project site is considered to have very low expansive soil potential. The project would be required to comply with seismic requirements of the California Building Code that would reduce impacts to people or structures due to local seismic events to an acceptable level of risk. Implementation of proper engineering design and utilization of standard construction practices, to be verified at the building permit stage, would ensure that the potential for impacts from regional geologic hazards would remain less than significant.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒

The project site is located within an area that is already developed with existing infrastructure (i.e., water and sewer lines) and does not propose any septic system. In addition, the project does not require the construction of any new facilities as it relates to wastewater, as services are available to serve the project. No impact would occur.

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?	☐	☐	☒	☐

The City's Climate Action Plan (CAP) outlines the actions that the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions. A CAP Consistency Checklist is part of the CAP and contains measures that are required to be implemented on a project-by-project basis to ensure that the specified emission targets identified in the CAP are achieved. The project is consistent with the General Plan and the Carmel Valley Community Plan's land use and zoning designations. Further, based upon review and evaluation of the completed CAP Consistency Checklist, the project is consistent with the applicable strategies and actions of the CAP.

Based on the project's consistency with the City's CAP Checklist, the project's contribution of GHG's to cumulative statewide emissions would be less than cumulatively considerable. Therefore, the projects direct and cumulative GHG emissions would have a less than significant impact.

b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

The project would not conflict with an applicable plan, policy, or regulation adopted for the purposes of reducing the emissions of greenhouse gasses. The project is consistent with the existing General Plan and Community Plan land use and zoning designations. Further based upon review and evaluation of the completed CAP Consistency Checklist for the project, the project is consistent with

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

the applicable strategies and actions of the CAP. Therefore, the project is consistent with the assumptions for relevant CAP strategies toward achieving the identified GHG reduction targets. Impacts are considered less than significant.

IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:

a) Create a significant hazard to the public or the environment through routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐

The project would construct a single-family residence and companion unit as a result of the lot split. Although minimal amounts of such substances may be present during construction, they are not anticipated to create a significant public hazard. Once constructed, due to the nature of the project, the routine transport, use, or disposal of hazardous materials on or through the subject site is not anticipated. Therefore, impacts would be less than significant.

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?	☐	☐	☒	☐

Refer to response IX (a) above. Impacts would be less than significant.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐

Refer to response IX (a) above. The project site is not within one quarter mile of a school. Future risk of releases of hazardous substances would not occur as a result of project operations because it is anticipated that future on-site operations would not require the routine use or transport of acutely hazardous materials. Construction of the project may require the use of hazardous materials (fuels, lubricants, solvents, etc.), which would require proper storage, handling, use and disposal. Further, the project would be required to comply with all federal, state and local requirements associated with hazardous materials; therefore, impacts would be less than significant.

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?	☐	☐	☐	☒

A hazardous waste site record search was completed in August 2018 using Geo Tracker, an online website which discloses any type of hazardous clean-up site pursuant to Government Code section 65962.5: http://geotracker.waterboards.ca.gov/ The records search identified that no hazardous waste sites exist onsite or in the surrounding area. No Impacts would result.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two mile 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?	☐	☐	☐	☒

The proposed project is not located within an airport land use plan, or within two miles of a public airport or public use airport. No impacts would result.

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?	☐	☐	☐	☒

The project site is not located within the vicinity of a private airstrip, nor would the project result in a safety hazard for people residing or working in the project area. No impacts would result.

g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒

The project would not impair the implementation of, or physically interfere with an adopted emergency response plan or evacuation plan. No roadway improvements are proposed that would interfere with circulation or access, and all construction would take place on-site. No impacts would result.

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☒	☐

The project is located within a Very High Fire Severity Zone. The project would be conditioned to follow design guidelines and standards with fire resistant building materials, and conditioned to have brush management plans. Additionally, the project is located in a developed residential neighborhood. Further discussion can be found in Section XX below. Any impacts would be less than significant.

X. HYDROLOGY AND WATER QUALITY - Would the project:

a) Violate any water quality standards or waste discharge requirements?	☐	☐	☒	☐

The project would comply with the City's Storm Water Regulations during and after construction, and appropriate best management practices (BMP's) would be utilized. Implementation of project specific BMP's would preclude violations of any existing water quality standards or discharge requirements. Impacts would be less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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)?	☐	☐	☒	☐

The project does not require the construction of wells or the use of groundwater. Furthermore, the project would include pervious design features and appropriate drainage. Therefore, the project would not introduce a significant amount of new impervious surfaces that could interfere with groundwater recharge. The project as designed was reviewed by qualified City staff and would not substantially deplete groundwater supplies or interfere substantially with groundwater recharge. The project is located in a residential neighborhood where all infrastructures exist. The project would connect to the existing public water system. Impacts would be less than significant.

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, which would result in substantial erosion or siltation on- or off-site?	☐	☐	☒	☐

Proper landscaping would prevent substantial erosion onsite. No stream or river is located on or adjacent to the site, all runoff would be routed to the existing storm drain system and would therefore not substantially alter existing drainage patterns. The project would be required to implement BMPs to ensure that substantial erosion or siltation on or off-site during construction activities would not occur. Impacts would be less than significant.

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?	☐	☐	☒	☐

Refer to response X (c) above. No flooding would occur. Impacts would be less than significant.

e) Create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	☒	☐

The project would be required to comply with all City storm water standards during and after construction. Appropriate BMPs would be implemented to ensure that water quality is not degraded; therefore, ensuring that project runoff is directed to appropriate drainage systems. Any

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

runoff from the site is not anticipated to exceed the capacity of existing storm water systems or provide substantial additional sources of polluted runoff. Impacts would be less than significant, and no mitigation measures are required.

f) Otherwise substantially degrade water quality?	☐	☐	☒	☐

Refer to response X (a) above. The project would be required to comply with all City storm water standards both during and after construction, using appropriate BMP's that would ensure that water quality is not degraded. Impacts would be less than significant.0

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?	☐	☐	☐	☒

The project site is not located within a 100-year flood hazard area or any other known flood area. Therefore, no impacts would occur.

h) Place within a 100-year flood hazard area, structures that would impede or redirect flood flows?	☐	☐	☐	☒

The project site is not located within a 100-year flood hazard area or any other known flood area. Therefore, no impacts would occur.

XI. LAND USE AND PLANNING – Would the project:

a) Physically divide an established community?	☐	☐	☐	☒

The project would construct a new single-family residence and a companion unit as a result of a lot split. The project is consistent with the General Plan and the Carmel Valley Community Plan's land use designation (Spaced Rural Residential, 1 du/ac) and is within a previously developed lot with access to a public roadway. The project site is located within a developed residential neighborhood and surrounded by similar residential development. The project would not substantially change the nature of the surrounding area and would not introduce any barriers or project features that could physically divide the community. No impacts would result.

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?	☐	☐	☐	☒

As a result of the proposed lot split, the project requires a Planned Development Permit (PDP) to deviate from the 100-foot street frontage for Parcel 1 to meet the development regulations for AR-1-

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

2, per the Land Development Code. The project would be required to obtain a Planned Development Permit (PDP) for this deviation, therefore, the project does not conflict with the zoning ordinance. The project is consistent with the General Plan and the Carmel Valley Community Plan's land use designation which allows up to 1 dwelling unit per acre. The project site is 2.33 acres. The AR-1-2 allows for 1 dwelling unit per lot, and the project is proposing a lot split. Therefore, the 2.33-acre lot split allows up to 2 dwelling units which is proposed. There are no conflicts with the applicable land use plan, policy, or regulations and therefore, impacts would remain below a level of significance.

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☒	☐

Please refer to section IV (e) above. The project is located within a developed residential neighborhood and would not conflict with any applicable habitat conservation plan or natural community conservation plan. The project site is adjacent to MHPA land and is therefore subject to the City' MSCP, and the project would be conditioned to follow Land Use Adjacency Guidelines in order to avoid indirect impacts to the habitat. Impacts would be less than significant.

XII. MINERAL RESOURCES – Would the project:

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?	☐	☐	☐	☒

There are no known mineral resources located on the project site. The urbanized and developed nature of the project site and vicinity would preclude the extraction of any such resources. No impacts would result.

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?	☐	☐	☐	☒

See XII (a), above. The project site has not been delineated on a local general, specific or other land use plan as a locally important mineral resource recovery site, and no such resources would be affected with project implementation. Therefore, no impacts were identified.

XIII. NOISE – Would the project result in:

a) Generation of, noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐

<u>Short-term (Construction)</u>
Short-term noise impacts would be associated with onsite grading, and construction activities of the project. Construction-related short-term noise levels would be higher than existing ambient noise levels in the project area but would no longer occur once construction is completed. Sensitive receptors (e.g. residential uses) occur in the immediate area and may be temporarily affected by

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

construction noise; however, construction activities would be required to comply with the construction hours specified in the City's Municipal Code (Section 59.5.0404, Construction Noise) which are intended to reduce potential adverse effects resulting from construction noise. Additionally, the project is adjacent to the City's MHPA, but would be conditioned to follow noise reducing measures outlined in the City's LUAG mentioned in Section IV (e) above. With compliance to the City's noise ordinance and LUAG, project construction noise levels would be reduced to less than significant, and no mitigation measures are required.

Long-term (Operation)

For the long-term, typical noise levels associated with residential uses are anticipated, and the project would not result in an increase in the existing ambient noise level. The project would not result in noise levels in excess of standards established in the City of San Diego General Plan or Noise Ordinance. Impacts would remain below a level of significance.

b) Generation of, excessive ground borne vibration or ground borne noise levels?	☐	☐	☒	☐

Potential effects from construction noise would be reduced through compliance with the City restrictions. Pile driving activities that would potentially result in ground borne vibration or ground borne noise are not anticipated with construction of the project. Impacts would be less than significant.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	☒	☐

The project would not significantly increase long-term (ambient) noise levels. The project would not introduce a new land use or significantly increase the intensity of the allowed land use. Post construction noise levels and traffic would be generally unchanged as compared to noise with the existing residential use. Therefore, no substantial permanent increase in ambient noise levels is anticipated. Impacts would be less than significant.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above existing without the project?	☐	☐	☒	☐

The project would not expose people to a substantial increase in temporary or periodic ambient noise levels. Construction noise would result during construction activities but would be temporary in nature. Construction-related noise impacts from the project would generally be higher than existing ambient noise levels in the project area but would no longer occur once construction is completed. In addition, the project would be required to comply with the San Diego Municipal Code, Article 9.5 "Noise Abatement and Control." Implementation of these standard measures would reduce potential impacts from an increase in ambient noise level during construction to a less than significant level.

e) For a project located within an airport land use plan, or, where such a plan	☐	☐	☐	☒

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 area to excessive noise levels?				

The project site is not located within an airport land use plan. The project site is also not located within two miles of a public airport or public use airport. No impacts would result.

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?	☐	☐	☐	☒

The project site is not located within the vicinity of a private airstrip. No impacts would result.

XIV. POPULATION AND HOUSING – Would the project:

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)?	☐	☐	☐	☒

The project would develop a single-family residence and a companion unit on a second lot as the result of a lot split. The project is consistent with the underlying zone and is consistent with the Carmel Valley Community Plan. The project site is currently developed with the connections to receive water and sewer service from the City, and no extension of infrastructure to new areas is required. As such, the project would not substantially increase housing or population growth in the area. No roadway improvements are proposed as part of the project. No impacts would result.

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

The project would construct one new single-family residence and a companion unit located in a neighborhood of similar residential development; therefore, no such displacement would occur. No impacts would result.

c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Refer to response XIV (b) above. No impacts would result.

XV. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provisions of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
construction of which could cause significant environmental impacts, in order to maintain acceptable service rations, response times or other performance objectives for any of the public services:				
i) Fire protection	☐	☐	☒	☐

The project site is located in an urbanized and developed area where fire protection services are already provided. The project would not adversely affect existing levels of fire protection services to the area, and would not require the construction of new or expansion of existing governmental facilities. Impacts would be less than significant.

ii) Police protection	☐	☐	☒	☐

The project site is located in an urbanized and developed area within the City of San Diego where police protection services are already provided. The project would not adversely affect existing levels of police protection services or create a new significant demand, and would not require the construction of new or expansion of existing governmental facilities. Impacts would be less than significant.

iii) Schools	☐	☐	☒	☐

The project would not affect existing levels of public services and would not require the construction or expansion of a school facility. The project site is located in an urbanized and developed area where public school services are available. The project would not significantly increase the demand on public schools over that which currently exists and is not anticipated to result in a significant increase in demand for public educational services. Impacts would be less than significant.

iv) Parks	☐	☐	☒	☐

The project site is located in an urbanized and developed area where City-operated parks are available. The project would not significantly increase the demand on existing neighborhood or regional parks or other recreational facilities over that which presently exists and is not anticipated to result in a significant increase in demand for parks or other offsite recreational facilities. Impacts would be less than significant.

v) Other public facilities	☐	☐	☒	☐

The project site is located in an urbanized and developed area where City services are already available. The project would not adversely affect existing levels of public services and not require the construction or expansion of an existing governmental facility. Therefore, no new public facilities beyond existing conditions would be required. Impacts would be less than significant.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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 would occur or be accelerated?	☐	☐	☒	☐

The project would not adversely affect the availability of and/or need for new or expanded recreational resources. The project would not adversely affect existing levels of public services and would not require the construction or expansion of an existing park facility. The project would not significantly increase the use of existing neighborhood or regional parks or other recreational facilities. Therefore, the project is not anticipated to result in the use of available parks or facilities such that substantial deterioration occurs, or that would require the construction or expansion of recreational facilities to satisfy demand. As such, impacts would remain less than significant.

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?	☐	☐	☒	☐

Refer to XVI (a) above. The project does not propose recreation facilities nor require the construction or expansion of any such facilities. As such, impacts would remain less than significant.

XVII. TRANSPORTATION/TRAFFIC – Would the project?				
a) Would the project or plan/policy conflict with an adopted program, plan, ordinance or policy addressing the transportation system, including transit, roadways, bicycle and pedestrian facilities?	☐	☐	☐	☒

The project proposes to construct a single-family residence and a companion unit as a result of a lot split, in a neighborhood with similar development, therefore, the project would not result in design measures that would conflict with existing policies, plan, or programs supporting alternative transportation. No impacts would result.

b) Would the project or plan/policy result in VMT exceeding thresholds identified in the City of San Diego Transportation Study Manual?	☐	☐	☒	☐

On September 27, 2013, Governor Edmund G. Brown, Jr. signed SB-743 into law, starting a process that fundamentally changes the way transportation impact analysis is conducted under CEQA. Related revisions to the State's CEQA Guidelines include elimination of auto delay, level of service (LOS), and similar measurements of vehicular roadway capacity and traffic congestion as the basis for determining significant impacts.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

In December 2018, the California Resources Agency certified and adopted revised CEQA Guidelines, including new section 15064.3. Under the new section, vehicle miles traveled (VMT), which includes the amount and distance of automobile traffic attributable to a project, is identified as the "most appropriate measure of transportation impacts." As of July 1, 2020, all CEQA lead agencies must analyze a project's transportation impacts using VMT.

The Draft City of San Diego Transportation Study Manual (TSM) dated June 10, 2020 is consistent with the California Environmental Quality Act (CEQA) guidelines and utilizes VMT as a metric for evaluating transportation-related impacts. Based on these guidelines, all projects shall go through a screening process to determine the level of transportation analysis that is required.

The project would construct a single-family residence and a companion unit in a neighborhood which serves similar development. A "Small Project" is defined as a project generating less than 300 daily unadjusted driveway trips using the City of San Diego trip generation rates/procedures.

Based upon the screening criteria identified above, the project qualifies as a "Small Project" and is screened out from further VMT analysis. Therefore, as recommended in the City of San Diego Draft TSM, June 10, 2020, the project would have a less than significant impact.

c) Would the project or plan/policy substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒

The project would construct a single-family residence and a companion unit as a result of a lot split, in a neighborhood with similar residential development. The project complies with the Carmel Valley Community Plan and is consistent with the land use and underlying zoning, therefore, the project does not include any design features that would substantially increase hazards. No impacts would result.

d) Result in inadequate emergency access?	☐	☐	☒	☐

Adequate emergency access would be provided during both short-term construction (with construction operating protocols) and long-term operations of the project. Emergency access to the site would be provided from the driveway entrance on Arroyo Sorrento Road. As such, the project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Impacts would be less than significant.

XVIII. TRIBAL CULTURAL RESOURCES – 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:

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of	☐	☐	☐	☒

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
historical resources as defined in Public Resources Code section 5020.1(k), or				

The project site is not listed nor is it 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). In addition, please see section V (b) above.

b) 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.	☐	☒	☐	☐

Tribal Cultural Resources include sites, features, places, cultural landscapes, and sacred places or objects that have cultural value or significance to a Native American Tribe. Tribal Cultural Resources include "non-unique archaeological resources" that, instead of being important for "scientific" value as a resource, can also be significant because of the sacred and/or cultural tribal value of the resource. Tribal representatives are considered experts appropriate for providing substantial evidence regarding the locations, types, and significance of tribal cultural resources within their traditionally and cultural affiliated geographic area (PRC § 21080.3.1(a)).

In accordance with the requirements of Assembly Bill (AB) 52, The City of San Diego sent notification to the Native American Tribes traditionally and culturally affiliated with the project area. The Jamul Indian Village and the Iipay Nation of Santa Ysabel responded requesting consultation. Consultation began on May 19, 2019 and concluded via email on March 21, 2019. It was determined that there are no sites, features, places or cultural landscapes that would be substantially adversely impacted by the proposed project. Although no Tribal Cultural Resources were identified within the project site, there is a potential for the construction of the project to impact buried and unknown Tribal Cultural Resources due to its location to known recorded resources in the near vicinity, and the alluvial soil that exists in the southwest corner of the development footprint. Therefore, it was agreed upon that archaeological and Native American monitoring should be included in the MMRP. The Jamul Indian Village identified that no further evaluation was required and concluded consultation. Mitigation in the form of archaeological and Native American monitoring would reduce all impacts to Tribal Cultural Resources to below a level of significance. See section V of the MND and the Mitigation, Monitoring and Reporting Program (MMRP) for further details.

XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	☒	☐

Implementation of the project would not interrupt existing sewer service to the project site or other surrounding uses. No significant increase in demand for wastewater disposal or treatment would be created by the project, as compared to current conditions. The project is not anticipated to generate

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

significant amounts of wastewater. Wastewater facilities used by the project would be operated in accordance with the applicable wastewater treatment requirements of the Regional Water Quality Control Board (RWQCB). Additionally, the project site is located in an urbanized and developed area. Adequate services are already available to serve the project. Impacts would remain below a level of significance.

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?	☐	☐	☐	☒

Refer to response XIX (a) above. Adequate services are available to serve the project site. Additionally, the project would not significantly increase the demand for water or wastewater treatment services and thus, would not trigger the need for new treatment facilities. No impacts would result.

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?	☐	☐	☐	☒

The project would not exceed the capacity of the existing storm water drainage systems and therefore, would not require construction of new or expansion of existing storm water drainage facilities of which could cause significant environmental effects. The project was reviewed by qualified City staff who determined that the existing facilities are adequately sized to accommodate the proposed development. No impacts would result.

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☐	☐	☒

The 2015 City Urban Water Management Plan (UWMP) serves as the water resources planning document for the City's residents, businesses, interest groups, and public officials. The UWMP assess the current and future water supply and needs for the City. Implementation of the project would not result in new or expanded water entitlements from the water service provider, as the project is consistent with existing demand projections contained in the UWMP (which are based on the allowed land uses for the project site). The Public Utilities Department local water supply is generated from recycled water, local surface supply, and groundwater, which accounts for approximately 20 percent of the total water requirements for the City. The City purchases water from the San Diego County Water Authority to make up the difference between total water demands and local supplies (City of San Diego 2015). Therefore, the project would not require new or expanded entitlements. No impacts would result.

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	☐	☐	☐	☒

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
project's projected demand in addition to the provider's existing commitments?				

The project would not adversely affect existing wastewater treatment services. Adequate services are available to serve the project site without requiring new or expanded entitlements. No impacts would result.

f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☒	☐

Construction debris and waste would be generated from the construction of the project. All construction waste from the project site would be transported to an appropriate facility, which would have sufficient permitted capacity to accept that generated by the project. Long-term operation of the residential use is anticipated to generate typical amounts of solid waste associated with residential uses. Furthermore, the project would be required to comply with the City's Municipal Code requirement for diversion of both construction waste during the short-term, construction phase and solid waste during the long-term, operational phase. Impacts are considered to be less than significant.

g) Comply with federal, state, and local statutes and regulation related to solid waste?	☐	☐	☒	☐

The project would comply with all Federal, State, and local statutes and regulations related to solid waste. The project would not result in the generation of large amounts of solid waste, nor generate or require the transport of hazardous waste materials, other than minimal amounts generated during the construction phase. All demolition activities would comply with any City of San Diego requirements for diversion of both construction waste during the demolition phase and solid waste during the long-term, operational phase. Impacts would be less than significant.

XX. WILDFIRE – Would the project:

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐

The City of San Diego participates in the San Diego County Multi-Jurisdictional Hazard Mitigation Plan. The project complies with the General Plan and is consistent with the Carmel Valley Community Plan's land use and the Land Development Code's zoning designation. The project is located in an urbanized area of San Diego and construction of a single-family residence and companion unit would not disrupt any emergency evacuation routes as identified in the Hazard Mitigation Plan. Therefore, the project would have a less-than-significant impact on an emergency response and evacuation plan during construction and operation.

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of wildfire?	☐	☐	☒	☐

The project is located in a Very High Fire Severity Zone, in a residential neighborhood with similar development. The project would provide defensible space from a wildfire by complying with the City's Brush Management Plan (SDMC 142.0412) which conditions the project to have a 35-foot zone 1 and a 65-foot zone 2, additionally the project would be conditioned to use fire-resistant building materials. The project would be increasing the pervious area of the site and decreasing the on-site natural vegetation. Therefore, the project would have a less-than-significant impact on exposing project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of wildfire.

c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐

The project is located in a residential neighborhood with similar development. The site is currently serviced by existing infrastructure which would service the site after construction is completed. No new construction of roads, fuel breaks, emergency water sources, power lines, or other utilities would be constructed that would exacerbate fire risk, therefore impacts would be less-than-significant.

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?	☐	☐	☒	☐

Refer to response XX (b) above. The project would comply with the City's Brush Management Plan and appropriate Best Management Practices (BMP) for drainage and therefore would not expose people or structures to significant risks as a result of run-off, post-fire slope instability, or drainage changes. Therefore, less-than-significant impact would result.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE –

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?	☐	☒	☐	☐

Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact

This analysis has determined that, although there is the potential of significant impacts related to Cultural Resources (Archaeology) and Tribal Cultural Resources. As such, mitigation measures included in this document would reduce these potential impacts to a less than significant level as outlined within the Mitigated Negative Declaration.

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)?	☐	☒	☐	☐

As documented in this Initial Study, the project may have the potential to degrade the quality of the environment, notably with respect to Cultural Resources (Archaeology) and Tribal Cultural Resources, which may have cumulatively considerable impacts. As such, mitigation measures have been incorporated to reduce impacts to less than significant. Other future projects within the surrounding neighborhood or community would be required to comply with applicable local, State, and Federal regulations to reduce the potential impacts to less than significant, or to the extent possible. As such, the project is not anticipated to contribute potentially significant cumulative environmental impacts.

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

The project would construct a single-family residence and a companion unit as a result of a lot split. The project is consistent with the environmental setting and with the use as anticipated by the City. Based on the analysis presented above, implementation of the mitigation measures would reduce environmental impacts such that no substantial adverse effects on humans would occur.

INITIAL STUDY CHECKLIST

REFERENCES

I. Aesthetics / Neighborhood Character

_X_ City of San Diego General Plan
_X_ Community Plans: Carmel Valley

II. Agricultural Resources & Forest Resources

_X_ City of San Diego General Plan
___ U.S. Department of Agriculture, Soil Survey - San Diego Area, California, Part I and II, 1973
___ California Agricultural Land Evaluation and Site Assessment Model (1997)
___ Site Specific Report:

III. Air Quality

___ California Clean Air Act Guidelines (Indirect Source Control Programs) 1990
_X_ Regional Air Quality Strategies (RAQS) - APCD
___ Site Specific Report:

IV. Biology

_X_ City of San Diego, Multiple Species Conservation Program (MSCP), Subarea Plan, 1997
_X_ City of San Diego, MSCP, "Vegetation Communities with Sensitive Species and Vernal Pools" Maps, 1996
_X_ City of San Diego, MSCP, "Multiple Habitat Planning Area" maps, 1997
___ Community Plan - Resource Element
___ California Department of Fish and Game, California Natural Diversity Database, "State and Federally-listed Endangered, Threatened, and Rare Plants of California," January 2001
___ California Department of Fish and Game, California Natural Diversity Database, "State and Federally-listed Endangered and Threatened Animals of California, "January 2001
___ City of San Diego Land Development Code Biology Guidelines
_X_ Site Specific Report: *Biological Survey for MSCP,* prepared by Ryan Quilley (December 15, 2018)

V. Cultural Resources (includes Historical Resources)

_X_ City of San Diego Historical Resources Guidelines
_X_ City of San Diego Archaeology Library
_X_ Historical Resources Board List
___ Community Historical Survey:
_X_ Site Specific Report: *Cultural Resources Survey for the Arroyo Sorrento Lot Split,* prepared by Laguna Mountain Environmental, Inc. (January 2019)

VI. Energy

_X_ City of San Diego Climate Action Plan (CAP), (City of San Diego 2015)
_X_ City of San Diego Climate Action Plan Consistency Checklist – Arroyo Sorrento TM Project

VII. Geology/Soils

_X_ City of San Diego Seismic Safety Study

_X_ U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973 and Part III, 1975
_X_ Site Specific Report: *Preliminary Geotechnical Investigation*, prepared by Martin R. Owen, Geotechnical Engineer (March 2, 2019)

VIII. Greenhouse Gas Emissions

_X_ City of San Diego Climate Action Plan (CAP), (City of San Diego 2015)
_X_ City of San Diego Climate Action Plan Consistency Checklist – Arroyo Sorrento TM Project

IX. Hazards and Hazardous Materials

_X_ San Diego County Hazardous Materials Environmental Assessment Listing
_X_ San Diego County Hazardous Materials Management Division
___ FAA Determination
_X_ State Assessment and Mitigation, Unauthorized Release Listing, Public Use Authorized, GeoTracker: https://geotracker.waterboards.ca.gov/
_X_ State Assessment and Mitigation, Unauthorized Release Listing, Public Use Authorized
___ Airport Land Use Compatibility Plan
___ Site Specific Report:

X. Hydrology/Drainage

___ Flood Insurance Rate Map (FIRM)
_X_ Federal Emergency Management Agency (FEMA), National Flood Insurance Program-Flood Boundary and Floodway Map
___ Clean Water Act Section 303(b) list, http://www.swrcb.ca.gov/tmdl/303d_lists.html
___ Site Specific Report:

XI. Land Use and Planning

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
___ Airport Land Use Compatibility Plan
_X_ City of San Diego Zoning Maps
___ FAA Determination
___ Other Plans:

XII. Mineral Resources

_X_ City of San Diego General Plan
_X_ California Department of Conservation - Division of Mines and Geology, Mineral Land Classification
___ Division of Mines and Geology, Special Report 153 - Significant Resources Maps
___ Site Specific Report:

XIII. Noise

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
___ San Diego International Airport - Lindbergh Field CNEL Maps
___ Brown Field Airport Master Plan CNEL Maps
___ Montgomery Field CNEL Maps

_X_ San Diego Association of Governments - San Diego Regional Average Weekday Traffic Volumes
_X_ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG
___ Site Specific Report:

XIV. Paleontological Resources

_X_ City of San Diego Paleontological Guidelines
___ Deméré, Thomas A., and Stephen L. Walsh, "Paleontological Resources City of San Diego," Department of Paleontology San Diego Natural History Museum, 1996
_X_ Kennedy, Michael P., and Gary L. Peterson, "Geology of the San Diego Metropolitan Area, California. Del Mar, La Jolla, Point Loma, La Mesa, Poway, and SW 1/4 Escondido 7 1/2 Minute Quadrangles," *California Division of Mines and Geology Bulletin* 200, Sacramento, 1975
___ Kennedy, Michael P., and Siang S. Tan, "Geology of National City, Imperial Beach and Otay Mesa Quadrangles, Southern San Diego Metropolitan Area, California," Map Sheet 29, 1977
___ Site Specific Report:

XV. Population / Housing

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
___ Series 11/Series 12 Population Forecasts, SANDAG
___ Other:

XVI. Public Services

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley

XVII. Recreational Resources

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
___ Department of Park and Recreation
___ City of San Diego - San Diego Regional Bicycling Map
___ Additional Resources:

XVIII. Transportation / Circulation

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
_X_ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG
_X_ San Diego Region Weekday Traffic Volumes, SANDAG
_X_ City of San Diego Draft Transportation Manual
___ Site Specific Report:

XIX. Utilities

_X_ City of San Diego General Plan
_X_ Community Plan: Carmel Valley
___ Site Specific Report:

XX. Water Conservation

____ Sunset Magazine, *New Western Garden Book*, Rev. ed. Menlo Park, CA: Sunset Magazine

XXI. Water Quality

_X_ Clean Water Act Section 303(b) list, http://www.swrcb.ca.gov/tmdl/303d_lists.html

___ Site Specific Report:

XXII. Wildfire

_X_ City of San Diego General Plan

_X_ Community Plan: Carmel Valley

_X_ San Diego County Multi-Jurisdictional Hazard Mitigation Plan

_X_ Very High Fire Severity Zone Map, City of San Diego

_X_ City of San Diego Brush Management Regulations, Landscape Regulations (SDMC 142.0412)

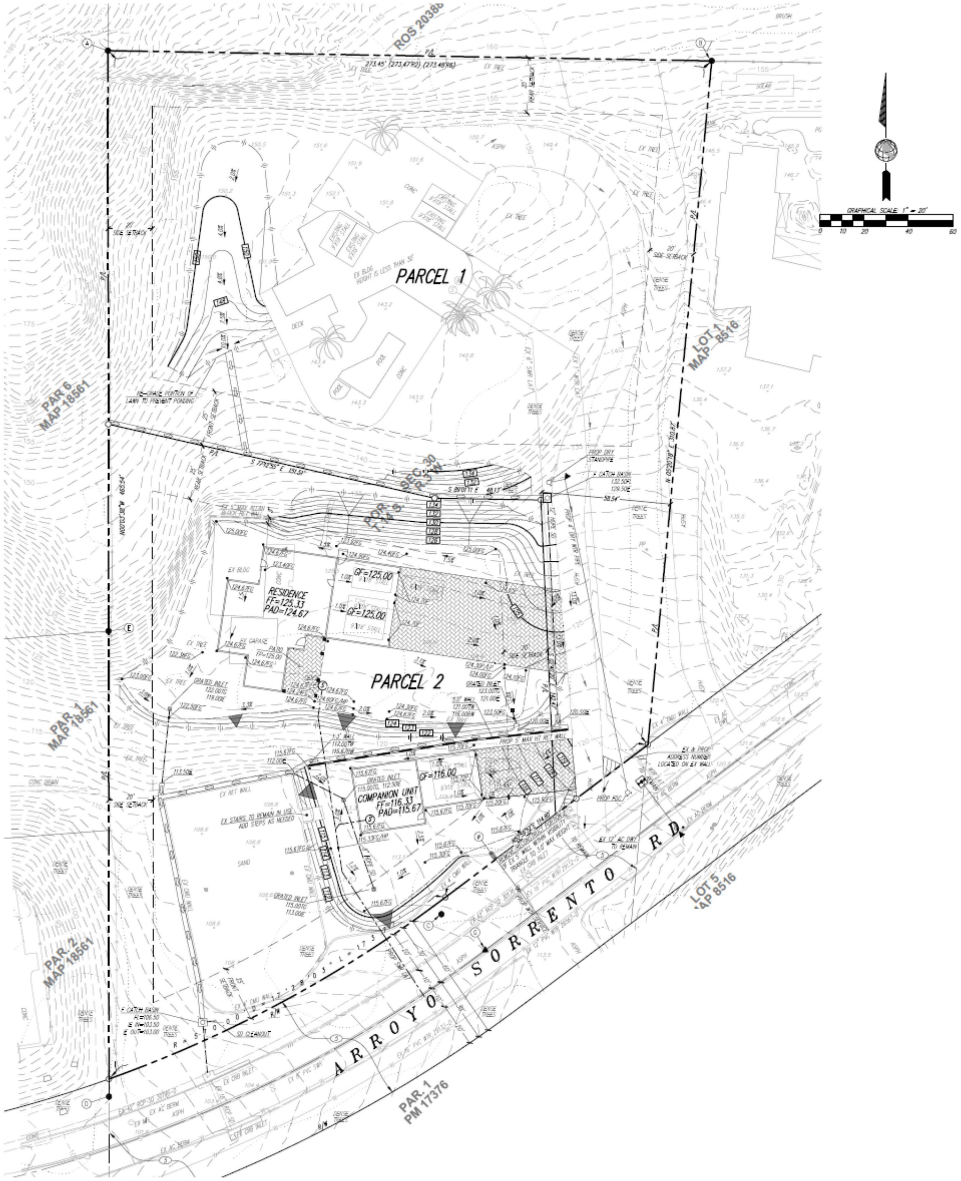
___ Site Specific Report:

Location Map

Arroyo Sorrento TM - Project No. 610681
3790 Arroyo Sorrento Road

North

Figure 1



Site Plan

Arroyo Sorrento TM - No. 610681

3790 Arroyo Sorrento Road

Figure 2