



COUNTY OF PLACER
Community Development Resource Agency

**ENVIRONMENTAL
COORDINATION
SERVICES**

Michael J. Johnson, AICP
Agency Director

E. J. Ivaldi, Coordinator

**NOTICE OF INTENT
TO ADOPT A MITIGATED NEGATIVE DECLARATION**

The project listed below was reviewed for environmental impact by the Placer County Environmental Review Committee and was determined to have no significant effect upon the environment. A proposed Mitigated Negative Declaration has been prepared for this project and has been filed with the County Clerk's office.

PROJECT: Reynolds Minor Land Division (PMLD 20130357)

PROJECT DESCRIPTION: The project proposes the approval of a Parcel Map to subdivide a 2.38-acre residential property into two parcels, 1.26 acres for Parcel A and 1.12 acres for Parcel B.

PROJECT LOCATION: 7925 South Shadow Oaks Lane, Granite Bay, Placer County

APPLICANT: Sean Reynolds, 7925 South Shadow Oaks Lane, Granite Bay, CA 95746

The comment period for this document closes on **July 22, 2014**. A copy of the Mitigated Negative Declaration is available for public review at the County's web site <http://www.placer.ca.gov/Departments/CommunityDevelopment/EnvCoordSvcs/NegDec.aspx> Community Development Resource Agency public counter, and at the Granite Bay Public Library. Property owners within 300 feet of the subject site shall be notified by mail of the upcoming hearing before the Parcel Review Committee. Additional information may be obtained by contacting the Environmental Coordination Services, at (530)745-3132, between the hours of 8:00 am and 5:00 pm, at 3091 County Center Drive, Auburn, CA 95603.

Published in Sacramento Bee, Monday, June 23, 2014

**PROJECT
LOCATION**

S. SHADOW OAKS LANE



OLIVE RANCH RD

NORTH

BARTON RD

BERG ST.

BARTON RD

DOUGLAS BLVD





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MITIGATED NEGATIVE DECLARATION

In accordance with Placer County ordinances regarding implementation of the California Environmental Quality Act, Placer County has conducted an Initial Study to determine whether the following project may have a significant adverse effect on the environment, and on the basis of that study hereby finds:

- The proposed project will not have a significant adverse effect on the environment; therefore, it does not require the preparation of an Environmental Impact Report and this **Negative Declaration** has been prepared.
- Although the proposed project could have a significant adverse effect on the environment, there will not be a significant adverse effect in this case because the project has incorporated specific provisions to reduce impacts to a less than significant level and/or the mitigation measures described herein have been added to the project. A **Mitigated Negative Declaration** has thus been prepared.

The environmental documents, which constitute the Initial Study and provide the basis and reasons for this determination are attached and/or referenced herein and are hereby made a part of this document.

PROJECT INFORMATION

Title: Reynolds Minor Land Division	Plus# PMLD 20130357
Description: The project proposes the approval of a Parcel Map to subdivide a 2.38-acre residential property into two parcels, 1.26 acres for Parcel A and 1.12 acres for Parcel B.	
Location: 7925 South Shadow Oaks Lane, north of Olive Ranch Road and east of South Shadow Oaks Lane, approximately 214 feet north of the intersection of Olive Ranch Road and South Shadow Oaks Lane, Granite Bay,	
Project Owner/Applicant: Sean Reynolds, 7925 South Shadow Oaks Lane, Granite Bay, CA 95746	
County Contact Person: Roy Schaefer	530-745-3061

PUBLIC NOTICE

The comment period for this document closes on **July 22, 2014**. A copy of the Negative Declaration is available for public review at the County's web site (<http://www.placer.ca.gov/Departments/CommunityDevelopment/EnvCoordSvc/NegDec.aspx>), Community Development Resource Agency public counter, and at the Granite Bay Public Library. Property owners within 300 feet of the subject site shall be notified by mail of the upcoming hearing before the Parcel Review Committee. Additional information may be obtained by contacting the Environmental Coordination Services, at (530)745-3132 between the hours of 8:00 am and 5:00 pm at 3091 County Center Drive, Auburn, CA 95603. For Tahoe projects, please visit our Tahoe Office, 775 North Lake Blvd., Tahoe City, CA 96146.

If you wish to appeal the appropriateness or adequacy of this document, address your written comments to our finding that the project will not have a significant adverse effect on the environment: (1) identify the environmental effect(s), why they would occur, and why they would be significant, and (2) suggest any mitigation measures which you believe would eliminate or reduce the effect to an acceptable level. Regarding item (1) above, explain the basis for your comments and submit any supporting data or references. Refer to Section 18.32 of the Placer County Code for important information regarding the timely filing of appeals.



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3091 County Center Drive, Suite 190 • Auburn • California 95603 • 530-745-3132 • fax 530-745-3080 • www.placer.ca.gov

INITIAL STUDY & CHECKLIST

This Initial Study has been prepared to identify and assess the anticipated environmental impacts of the following described project application. The document may rely on previous environmental documents (see Section C) and site-specific studies (see Section I) prepared to address in detail the effects or impacts associated with the project.

This document has been prepared to satisfy the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.) CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

The Initial Study is a public document used by the decision-making lead agency to determine whether a project may have a significant effect on the environment. If the lead agency finds substantial evidence that any aspect of the project, either individually or cumulatively, may have a significant effect on the environment, regardless of whether the overall effect of the project is adverse or beneficial, the lead agency is required to prepare an EIR, use a previously-prepared EIR and supplement that EIR, or prepare a Subsequent EIR to analyze the project at hand. If the agency finds no substantial evidence that the project or any of its aspects may cause a significant effect on the environment, a Negative Declaration shall be prepared. If in the course of analysis, the agency recognizes that the project may have a significant impact on the environment, but that by incorporating specific mitigation measures the impact will be reduced to a less than significant effect, a Mitigated Negative Declaration shall be prepared.

Project Title: Reynolds Minor Land Division	Plus# PMLD 20130357
Entitlement: Parcel Map	
Site Area: 2.38 acres	APN: 046-140-027-510
Location: The property is located at 7925 South Shadow Oaks Lane, north of Olive Ranch Road and east of South Shadow Oaks Lane, approximately 214 feet north of the intersection of Olive Ranch Road and South Shadow Oaks Lane, Granite Bay, Placer County.	

A. BACKGROUND:

Project Description:

The applicant is requesting approval of a Parcel Map to subdivide a 2.38-acre residential property into two parcels (Parcel A is 1.26 acres and Parcel B is 1.12 acres). The property is currently developed with a single-family residence and residential accessory structures that would remain as constructed. The proposed new parcels would be required to connect to the sewer system (Sewer Maintenance District 2) and a new access driveway is required for the project.

This Minor Land Division project would require the construction of a Plate R-17 connection onto Olive Ranch Road, and to improve 200 feet of offsite roadway to the current County standard Plate R-1, Minor Land Division (20 feet of pavement width with a 2 foot AB shoulder on both sides) and associated private driveway improvements for Parcel B. Each lot will be a minimum of 40,000 square feet in area.

The project does not propose any tree removal or grading, with the exception of the construction of the new driveway and off-site road improvements.

Project Site (Background/Existing Setting):

The project site is characterized by an existing home with an attached garage and a paved driveway, typical of rural resident uses. The project site is zoned Residential Single-Family, combining Agriculture and combining a minimum building site of 40,000 square foot (RS-AG-B 40) and is designated Rural Low Density Residential 0.9 to 2.3 acre minimum parcel size in the Granite Bay Community Plan. The project site is approximately 214 feet north of the intersection of Olive Ranch Road and South Shadow Oaks Lane. The area immediately surrounding the project site and vicinity is characterized by residential land uses and residential subdivisions.

Access to the property is from South Shadow Oaks Lane along the western project boundary. The rectangular-shaped parcel is relatively level, and an existing single family residence with an attached garage is located on the western half of the site.

B. ENVIRONMENTAL SETTING:

Location	Zoning	General Plan/Community Plan Designations	Existing Conditions and Improvements
Site	Residential Single-Family, combining Agriculture, combining a Building Site of 40,000 square feet (RS-AG-B-40)	Granite Bay Community Plan / Rural Low Density Residential (0.9 to 2.3 acre minimum)	Single-Family Residence and Residential Accessory Structures
North	Same as Project Site	Same as Project Site	Same as Project Site
South	Same as Project Site	Same as Project Site	Same as Project Site
East	Residential-Multi-Family, combining Density Limitation of 10 Dwelling Units per acre (RM-DL10)	Granite Bay Community Plan / High Density Residential, combining 4-10 Dwelling Units per acre	Same as Project Site
West	Same as Project Site	Same as Project Site	Same as Project Site

C. PREVIOUS ENVIRONMENTAL DOCUMENT:

The County has determined that an Initial Study shall be prepared in order to determine whether the potential exists for unmitigatable impacts resulting from the proposed project. Relevant analysis from the County-wide General Plan and Community Plan Certified EIRs, and other project-specific studies and reports that have been generated to date, were used as the database for the Initial Study. The decision to prepare the Initial Study utilizing the analysis contained in the General Plan and Specific Plan Certified EIRs, and project-specific analysis summarized herein, is sustained by Sections 15168 and 15183 of the CEQA Guidelines.

Section 15168 relating to Program EIRs indicates that where subsequent activities involve site-specific operations, the agency would use a written checklist or similar device to document the evaluation of the site and the activity, to determine whether the environmental effects of the operation were covered in the earlier Program EIR. A Program EIR is intended to provide the basis in an Initial Study for determining whether the later activity may have any significant effects. It will also be incorporated by reference to address regional influences, secondary effects, cumulative impacts, broad alternatives, and other factors that apply to the program as a whole.

The following documents serve as Program-level EIRs from which incorporation by reference will occur:

- ➔ Placer County General Plan EIR
- ➔ Granite Bay Community Plan EIR

Section 15183 states that “projects which are consistent with the development density established by existing zoning, community plan or general plan policies for which an EIR was certified shall not require additional environmental review, except as may be necessary to examine whether there are project-specific significant effects which are peculiar to the project or site.” Thus, if an impact is not peculiar to the project or site, and it has been addressed as a significant effect in the prior EIR, or will be substantially mitigated by the imposition of uniformly applied development policies or standards, then additional environmental documentation need not be prepared for the project solely on the basis of that impact.

The above stated documents are available for review Monday through Friday, 8am to 5pm, at the Placer County Community Development Resource Agency, 3091 County Center Drive, Auburn, CA 95603. For Tahoe projects, the document will also be available in our Tahoe Division Office, 565 West Lake Blvd., Tahoe City, CA 96145.

D. EVALUATION OF ENVIRONMENTAL IMPACTS:

The Initial Study checklist recommended by the State of California Environmental Quality Act (CEQA) Guidelines is used to determine potential impacts of the proposed project on the physical environment. The checklist provides a list of questions concerning a comprehensive array of environmental issue areas potentially affected by the project (see CEQA Guidelines, Appendix G). Explanations to answers are provided in a discussion for each section of questions as follows:

- a) A brief explanation is required for all answers including "No Impact" answers.
- b) "Less Than Significant Impact" applies where the project's impacts are insubstantial and do not require any mitigation to reduce impacts.
- c) "Less Than Significant with Mitigation Measures" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less than Significant Impact." The County, as 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 may be cross-referenced).
- d) "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.
- e) All answers must take account of the entire 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 [CEQA Guidelines, Section 15063(a)(1)].
- f) 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 Negative Declaration [CEQA Guidelines, Section 15063(c)(3)(D)]. A brief discussion should be attached addressing the following:
 - ➔ **Earlier analyses used** – Identify earlier analyses and state where they are available for review.
 - ➔ **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. Also, state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - ➔ **Mitigation measures** – For effects that are checked as "Less Than Significant with Mitigation Measures," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- g) References to information sources for potential impacts (i.e. General Plans/Community Plans, zoning ordinances) should be incorporated into the checklist. Reference to a previously-prepared or outside document should include a reference to the pages or chapters where the statement is substantiated. A source list should be attached and other sources used, or individuals contacted, should be cited in the discussion.

I. AESTHETICS – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Have a substantial adverse effect on a scenic vista? (PLN)				X
2. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings, within a state scenic highway? (PLN)				X
3. Substantially degrade the existing visual character or quality of the site and its surroundings? (PLN)			X	
4. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area? (PLN)			X	

Discussion- Item I-1:

The proposed project will not have a substantial adverse effect on a scenic vista as it is not located on or near a scenic vista.

Discussion- Item I-2:

The proposed project will not substantially damage scenic resources within a state scenic highway as it is not located on or near a scenic highway.

Discussion- Items I-3,4:

The project site is developed with a single-family residence and residential accessory structures within the western portion of the property. The proposed project would result in the creation of one new residential parcel with the approval of a two-lot parcel map. The new parcel would be developed with residential land uses permitted by the Zoning District. The potential construction of one new residential development on Parcel B would be consistent with the character of surrounding properties and would result in a less than significant impact to the existing visual character of the site and its surroundings. The potential construction of such residential improvements would also result in an incremental increase in the amount of nighttime light or glare in the project vicinity associated with residential lighting applications. However impacts from new sources of light or glare would be less than significant. No mitigation measures are required.

II. AGRICULTURAL & FOREST RESOURCES – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide or Local 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? (PLN)				X
2. Conflict with General Plan or other policies regarding land use buffers for agricultural operations? (PLN)				X
3. Conflict with existing zoning for agricultural use, a Williamson Act contract or a Right-to-Farm Policy? (PLN)				X
4. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined				X

by Government Code section 51104(g))? (PLN)				
5. Involve other changes in the existing environment which, due to their location or nature, could result in the loss or conversion of Farmland (including livestock grazing) or forest land to non-agricultural or non-forest use? (PLN)				X

Discussion- All Items:

This is a single-family residential infill project within an urbanized area of Granite Bay that is surrounded by low density residential developments, and a high-density residential development to the east. The project site has not been historically used for agricultural purposes and is not designated as Prime, Unique, Statewide or Local Farmland as shown on maps pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. The property is not under a Williamson Act contract.

III. AIR QUALITY – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Conflict with or obstruct implementation of the applicable air quality plan? (PLN, Air Quality)			X	
2. Violate any air quality standard or contribute substantially to an existing or projected air quality violation? (PLN, Air Quality)		X		
3. Result in a cumulatively considerable net increase of any criteria 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)? (PLN, Air Quality)		X		
4. Expose sensitive receptors to substantial pollutant concentrations? (PLN, Air Quality)			X	
5. Create objectionable odors affecting a substantial number of people? (PLN, Air Quality)			X	

Discussion- Item III-1:

The project is located within the Sacramento Valley Air Basin (SVAB) portion of Placer County. The project proposes a Minor Land Division to create one additional parcel consistent with the land use designation. The increase in density resulting from one additional parcel would not contribute a significant impact to Region, as the related emissions would be below the significant level. The project will not result in a significant obstruction to the Sacramento Regional Air Quality Plan. No mitigation measures are required.

Discussion- Items III-2,3:

The SVAB is designated non-attainment for the federal and state ozone standards (ROG and NO_x), nonattainment for the federal particulate matter standard (PM_{2.5}) and non-attainment for the state particulate matter standard (PM₁₀).

Operational related emissions would result from future construction of one additional dwelling unit. The dwelling would be below the significant level and will not violate air quality standards or substantially contribute to existing air quality violations.

Minimal construction is proposed at this time with the project (approximately 10,000-12,000 square feet for the driveway and house pad). These improvements may result in short-term diesel exhaust emissions from on-site heavy-duty equipment and would generate diesel PM emissions from the use of off-road diesel equipment required for site grading. In order to reduce construction related air emissions, associated grading plans shall list the District’s Rules and State Regulations. With the implementation of the following mitigation measures and notes on

the grading improvement plans, construction related emissions would not result in a cumulatively considerable net increase of any non-attainment criteria.

Mitigation Measures- Items III-2,3:

MM III.1

Include the following standard notes on the Grading Plan:

1. The prime contractor shall be responsible for keeping adjacent public thoroughfares clean of silt, dirt, mud, and debris, and shall “wet broom” the streets (or use another method to control dust as approved by the individual jurisdiction) if silt, dirt, mud or debris is carried over to adjacent public thoroughfares.
2. The contractor shall apply water or use other method to control dust impacts offsite. Construction vehicles leaving the site shall be cleaned to prevent dust, silt, mud, and dirt from being released or tracked off-site.
3. During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less.
4. The prime contractor shall suspend all grading operations when wind speeds (including instantaneous gusts) are excessive and dust is impacting adjacent properties.
5. In order to minimize wind driven dust during construction, the prime contractor shall apply methods such as surface stabilization, establishment of a vegetative cover, paving, (or use another method to control dust as approved by the individual jurisdiction).
6. Construction equipment exhaust emissions shall not exceed Placer County APCD Rule 202 Visible Emission limitations. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified by APCD to cease operations and the equipment must be repaired within 72 hours.
7. A person shall not discharge into the atmosphere volatile organic compounds (VOC's) caused by the use or manufacture of Cutback or Emulsified asphalts for paving, road construction or road maintenance, unless such manufacture or use complies with the provisions of Rule 217.
8. During construction the contractor shall utilize existing power sources (e.g., power poles) or clean fuel (i.e. gasoline, biodiesel, natural gas) generators rather than temporary diesel power generators.
9. During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment.
10. During construction, no open burning of removed vegetation shall be allowed unless permitted by the PCAPCD. All removed vegetative material shall be either chipped on site or taken to an appropriate recycling site, or if a site is not available, a licensed disposal site.

Discussion- Items III-4,5:

The project includes minor grading operations that would result in short-term diesel exhaust emissions from on-site heavy-duty equipment and would generate diesel PM emissions and odor from the use of off-road diesel equipment required for site grading. Because of the dispersive properties of diesel PM and the temporary nature of the mobilized equipment use, short-term construction-generated odor and TAC emissions would not expose sensitive receptors to substantial pollutant concentrations and therefore would have a less than significant effect. No mitigation measures are required.

IV. BIOLOGICAL RESOURCES – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Have a substantial adverse effect, 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 & Game, U.S. Fish & Wildlife Service or National Oceanic and Atmospheric Administration Fisheries? (PLN)			X	
2. Substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number of restrict the range of an endangered, rare, or threatened species? (PLN)			X	
3. Have a substantial adverse effect on the environment by converting oak woodlands? (PLN)				X

4. Have a substantial adverse effect on any riparian habitat or other sensitive natural community, including oak woodlands, identified in local or regional plans, policies or regulations, or by the California Department of Fish & Game, U.S. Fish & Wildlife Service, U.S. Army Corps of Engineers or National Oceanic and Atmospheric Administration Fisheries? (PLN)				X
5. Have a substantial adverse effect on federal or state protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) or as defined by state statute, through direct removal, filling, hydrological interruption, or other means? (PLN)				X
6. Interfere substantially with the movement of any native resident or migratory wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nesting or breeding sites? (PLN)			X	
7. Conflict with any local policies or ordinances that protect biological resources, including oak woodland resources? (PLN)			X	
8. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? (PLN)				X

Discussion- Items IV-1,2:

A Biological Resources Assessment was conducted by Adanta, Inc. and was dated February 24, 2014. A review of resources and a site walk of the property (February 4, 2014) resulted in the identification of the presence of California native oaks such as Valley Oak, Blue Oak, and Interior Live Oak. The presence of vascular plant species was noted, indicating the presence of a wet environment. However, there was no evidence of vernal pools or special status species. All trees have been identified and shown on the tentative Parcel Map. The proposed development of the property will not impact any of the existing native oak trees. The location of the proposed driveway for Parcel B would result in a potential negative impact to a 30-inch diameter cottonwood tree. According to the assessment, the project will not result in any adverse impacts to any sensitive or special status species as none are known or expected to occur on the project site. The project will not substantially reduce the habitat of a fish or wildlife species, eliminate a plant or animal community, or reduce the number or restrict the range of an endangered, rare, or threatened species because none are known or expected to occur on the project site. No special-status species were observed on the project site. No mitigation measures are required.

Discussion- Item IV-3:

The project site contains a total of 23 trees and 18 of the trees are oak trees (interior live oaks, blue oaks, and valley oaks) that are protected under the Placer County Tree Ordinance (See Discussion item IV-7). These trees do not constitute "oak woodlands" as they do not account for at least ten percent of the canopy onsite, nor do they signify any significant stand of oak trees. As such, the proposed project will not result in the conversion of oak woodlands.

Discussion- Item IV-4:

Project development will not occur within areas of riparian habitat or other sensitive natural community as required by County Code and future residential development will be subject to setback requirements and Best Management Practices (BMPs).

Discussion- Item IV-5:

According to the Biological Resources Assessment there are no aquatic habitats onsite and no wetland presence was found.

Discussion- Item IV-6:

The project will not interfere with the movement of any known 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. No mitigation measures are required.

Discussion- Item IV-7:

No protected oak trees are proposed to be removed with the proposed Minor Land Division improvements. No mitigation measures are required.

Discussion- Item IV-8:

The project site is not located in an area subject to a Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

V. CULTURAL RESOURCES – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Substantially cause adverse change in the significance of a historical resource as defined in CEQA Guidelines, Section 15064.5? (PLN)				X
2. Substantially cause adverse change in the significance of a unique archaeological resource pursuant to CEQA Guidelines, Section 15064.5? (PLN)			X	
3. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (PLN)			X	
4. Have the potential to cause a physical change, which would affect unique ethnic cultural values? (PLN)				X
5. Restrict existing religious or sacred uses within the potential impact area? (PLN)				X
6. Disturb any human remains, including those interred outside of formal cemeteries? (PLN)			X	

Discussion- Item V-1:

A Cultural Records Search by Adanta, Inc. was conducted and the report is dated February 24, 2014. The review of available surveys and studies conducted in proximity to the proposed project has resulted in identifying five sites and one historic-era Isolate in the area. No recorded sites of eligibility were identified through review of the California Office of Historic Preservation for the subject property. No mitigation measures are required.

Discussion- Items V-2,3,6:

The project site is not included in any known local register of historical resources, as defined in section 5020.1(k) of the Public Resources Code or identified as significant in the General Plan Background Report, Figure 8-4 “Concentrations of Historical Sites and Buildings”. The project will not cause a substantial adverse change in the significance of a known unique archeological resource, directly or indirectly destroy any known unique paleontological resource, or site, or disturb any known human remains, including those that are located outside of a formal cemetery.

Although impacts are not anticipated to occur given the above project findings which are based on factual research and reports prepared by the North Central Information Center and the Native American Heritage Commission, construction of improvements required to vest the project could result in accidental discovery of previously unknown resources. Therefore, the following standardized condition of approval will be placed on the project in accordance with General Plan policy in the event of accidental discovery of archaeological or paleontological resources, or human remains:

“If any archaeological artifacts, exotic rock (non-native), or unusual amounts of shell or bone are uncovered during any on-site construction activities, all work must stop immediately in the area and an archaeologist shall be retained to evaluate the deposit. The Placer County Planning Department and Department of Museums must also be contacted for review of the archaeological find(s).

If the discovery consists of human remains, the Placer County Coroner and Native American Heritage Commission must also be contacted. Work in the area may only proceed after authorization is granted by the Placer County Planning Department. A note to this effect will be provided on the Improvement Plans for the project.

Following a review of the new find and consultation with appropriate experts, if necessary, the authority to proceed may be accompanied by the addition of development requirements which provide protection of the site and/or additional mitigation measures necessary to address the unique or sensitive nature of the site.

No mitigation measures are required.

Discussion- Item V-4:

The project does not have the potential to cause a physical change that will affect any known unique ethnic cultural values.

Discussion- Item V-5:

No record exists of any known existing religious or sacred uses on the project site.

VI. GEOLOGY & SOILS – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Expose people or structures to unstable earth conditions or changes in geologic substructures? (ESD)				X
2. Result in significant disruptions, displacements, compaction or overcrowding of the soil? (ESD)			X	
3. Result in substantial change in topography or ground surface relief features? (ESD)				X
4. Result in the destruction, covering or modification of any unique geologic or physical features? (ESD)				X
5. Result in any significant increase in wind or water erosion of soils, either on or off the site? (ESD)		X		
6. Result in changes in deposition or erosion or changes in siltation which may modify the channel of a river, stream, or lake? (ESD)			X	
7. Result in exposure of people or property to geologic and geomorphological (i.e. Avalanches) hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? (ESD)			X	
8. Be located on a geological 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? (ESD)			X	
9. Be located on expansive soils, as defined in Chapter 18 of the California Building Code, creating substantial risks to life or property? (ESD)				X

Discussion- Items VI-1,4,9:

According to the United States Department of Agriculture (USDA) Soil Survey of Placer County and the United States Department of Agriculture ~ Natural Resources Conservation Service Web Soil Survey, the proposed project is located on soils classified as Caperton gravelly coarse sandy loam. The Caperton series consists of shallow, somewhat excessively drained soil that formed in residuum from granitic rock. The Soil Survey does not identify any unique geologic or physical features for the Caperton soil type and did not identify any expansive soil limitations. No known unique geologic or physical features exist on the site that will be destroyed or modified. Creation of this Parcel Map and associated improvements will not create any unstable earth conditions or change any geologic substructure. There is no impact.

Discussion- Item VI-2:

In order to construct the residences and associated driveway and road improvements, minimal grading is proposed. Site topography is relatively flat, sloping slightly from east to west at elevations of 300 to 310 feet above sea level. The soil unit is Caperton gravelly coarse sandy loam and soil permeability onsite is high. These soils have potential construction limitations due to depth to weathered rock of 8-40 inches.

The earthwork is proposed to be minimal and close to existing grade, as shown on the Tentative Map dated March 25, 2014. Retaining walls are not proposed as part of the project. All resulting finished grades are proposed to be no steeper than 2:1. The proposed project's impacts associated with unstable earth conditions, soil disruptions, displacements, compaction of the soil, and overcrowding of the soil are less than significant. No mitigation measures are required.

Discussion- Item VI-3:

The two parcel minor land division project is not proposing a substantial change in topography or ground surface relief features. The one new proposed driveway is approximately 200 feet long, with only minor grading required to construct the access improvements at South Shadow Oaks Lane and Olive Ranch Road. There is not a substantial change in site topography as a result of this project. There is no impact.

Discussion- Item VI-5:

This project proposal would result in limited soil disturbance and grading to construct a new driveway and modified Plate R-17 roadway connection of South Shadow Oaks Lane onto Olive Ranch Road in order to serve one of the parcels created on the subject site. The disruption of soils on this previously disturbed property increases the risk of erosion and creates a potential for contamination of stormwater runoff with disturbed soils or other pollutants introduced through typical grading practices. The construction phase will create significant potential for erosion as disturbed soil may come in contact with wind or precipitation that could transport sediment to the air and/or adjacent waterways. Discharge of concentrated runoff in the post-development condition could also contribute to the erosion potential in the long-term; however, due to runoff flows from this project being directed through existing overland flow patterns, downstream water quality impacts are less than significant. Erosion potential and water quality impacts are always present and occur when protective vegetative cover is removed and soils are disturbed. This disruption of soils on the site has the potential to result in significant increases in erosion of soils both on- and off-site. The proposed project's impacts associated with soil erosion will be mitigated to a less than significant level by implementing the following mitigation measures:

Mitigation Measures- Item VI-5:

MM VI.1 The applicant shall prepare and submit Improvement Plans, specifications and cost estimates (per the requirements of Section II of the Land Development Manual [LDM] that are in effect at the time of submittal) to the Engineering and Surveying Division (ESD) for review and approval. The plans shall show all physical improvements as required by the conditions for the project as well as pertinent topographical features both on and off site. All existing and proposed utilities and easements, on site and adjacent to the project, which may be affected by planned construction, shall be shown on the plans. All landscaping and irrigation facilities within the public right-of-way (or public easements), or landscaping within sight distance areas at intersections, shall be included in the Improvement Plans. The applicant shall pay plan check and inspection fees with the 1st Improvement Plan submittal. (NOTE: Prior to plan approval, all applicable recording and reproduction costs shall be paid). The cost of the above-noted landscape and irrigation facilities shall be included in the estimates used to determine these fees. It is the applicant's responsibility to obtain all required agency signatures on the plans and to secure department approvals. Record drawings shall be prepared and signed by a California Registered Civil Engineer at the applicant's expense and shall be submitted to the ESD in both hard copy and electronic versions in a format to be approved by the ESD prior to acceptance by the County of site improvements.

MM VI.2 The Improvement Plans shall show all proposed grading, drainage improvements, vegetation and tree removal and all work shall conform to provisions of the County Grading Ordinance (Ref. Article 15.48, Placer County Code) and Stormwater Quality Ordinance (Ref. Article 8.28, Placer County Code) that are in effect at the time of submittal. No grading, clearing, or tree disturbance shall occur until the Improvement Plans are approved and all temporary construction fencing has been installed and inspected by a member of the Development Review Committee (DRC). All cut/fill slopes shall be at a maximum of 2:1 (horizontal: vertical) unless a soils report supports a steeper slope and the Engineering and Surveying Division (ESD) concurs with said recommendation. Fill slopes shall not exceed 1.5:1 (horizontal: vertical)

The applicant shall revegetate all disturbed areas. Revegetation, undertaken from April 1 to October 1, shall include regular watering to ensure adequate growth. A winterization plan shall be provided with project Improvement Plans. It is the applicant's responsibility to ensure proper installation and maintenance of erosion control/winterization

before, during, and after project construction. Soil stockpiling or borrow areas, shall have proper erosion control measures applied for the duration of the construction as specified in the Improvement Plans. Provide for erosion control where roadside drainage is off of the pavement, to the satisfaction of the Engineering and Surveying Division (ESD).

The applicant shall submit to the ESD a letter of credit or cash deposit in the amount of 110 percent of an approved engineer's estimate for winterization and permanent erosion control work prior to Improvement Plan approval to guarantee protection against erosion and improper grading practices. Upon the County's acceptance of improvements, and satisfactory completion of a one-year maintenance period, unused portions of said deposit shall be refunded to the project applicant or authorized agent.

If, at any time during construction, a field review by County personnel indicates a significant deviation from the proposed grading shown on the Improvement Plans, specifically with regard to slope heights, slope ratios, erosion control, winterization, tree disturbance, and/or pad elevations and configurations, the plans shall be reviewed by the DRC/ESD for a determination of substantial conformance to the project approvals prior to any further work proceeding. Failure of the DRC/ESD to make a determination of substantial conformance may serve as grounds for the revocation/modification of the project approval by the appropriate hearing body.

MM VI.3 Water quality Best Management Practices (BMPs) shall be designed according to the California Stormwater Quality Association Stormwater Best Management Practice Handbooks for Construction, for New Development / Redevelopment, and/or for Industrial and Commercial, (and/or other similar source as approved by the Engineering and Surveying Division (ESD)).

Construction (temporary) BMPs for the project may include, but are not limited to: Fiber Rolls (SE-5), Hydroseeding (EC-4), Stabilized Construction Entrance (LDM Plate C-4), Silt Fence (SE-1), straw bales, revegetation techniques, dust control measures, concrete truck washout areas, weekly street sweeping, and limiting the soil disturbance.

Discussion- Item VI-6:

The vacant portion of the property is generally flat. The project will not result in changes in deposition or erosion or changes in siltation which may modify the channel of a river, stream, or lake. No mitigation measures are required.

Discussion- Items VI-7,8:

The site is located within Seismic Zone 3. Because structures will be constructed according to the current edition of the California Building Code, which contains seismic standards, the likelihood of severe damage due to ground shaking should be minimal. There is no landsliding or slope instability related to the project site. No avalanches, mud slides or other geologic or geomorphological hazards have been observed at or near this project site. No mitigation measures are required.

VII. GREENHOUSE GAS EMISSIONS – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant and/or cumulative impact on the environment? (PLN, Air Quality)			X	
2. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? (PLN, Air Quality)			X	

Discussion- All Items:

Greenhouse gas (GHG) emissions of primary concern from land use projects include carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Construction related activities resulting in exhaust emissions may come from fuel combustion for heavy-duty diesel and gasoline-powered equipment, portable auxiliary equipment, material delivery trucks, and worker commuter trips. Operational GHG emissions would result from motor vehicle trips generated by the additional residents, on-site fuel combustion for space and water heating, landscape maintenance equipment, and fireplaces/stoves; and off site emissions at utility providers associated with the project's electricity and water demands.

The project would result in minor grading and the possible addition of one dwelling unit. Construction and operational related GHG emissions resulting from the project would not substantially hinder the State's ability to attain the goals identified in AB 32 (i.e., reduction of statewide GHG emissions to 1990 levels by 2020; approximately a 30 percent reduction from projected 2020 emissions). Thus, the construction and operation of the project would not generate substantial greenhouse gas emissions, either directly or indirectly, which may be considered to have a significant impact on the environment, nor conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases and is therefore considered to have a less than significant impact. No mitigation measures are required.

VIII. HAZARDS & HAZARDOUS MATERIALS – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Create a significant hazard to the public or the environment through the routine handling, transport, use, or disposal of hazardous or acutely hazardous materials? (EHS)			X	
2. 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? (EHS)			X	
3. Emit hazardous emissions, substances, or waste within one-quarter mile of an existing or proposed school? (PLN, Air Quality)				X
4. 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? (EHS)				X
5. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? (PLN)				X
6. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area? (PLN)				X
7. 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? (PLN)				X
8. Create any health hazard or potential health hazard? (EHS)			X	
9. Expose people to existing sources of potential health hazards? (EHS)				X

Discussion- Items VIII-1,2:

The use of hazardous substances during normal construction activities is expected to be limited in nature, and will be subject to standard handling and storage requirements. Accordingly, impacts related to the release of hazardous substances are considered less than significant. No mitigation measures are required.

Discussion- Item VIII-3:

There are no known existing or proposed schools within one-quarter mile of the site. Green Hills Elementary School is located approximately .50 miles southwest of the project location. However, the project does not propose a use that typically would involve any activities that would emit hazardous substances or waste that would affect a substantial number of people and is therefore considered to have no impact.

Discussion- Items VIII-4,9:

The project is not located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. A Phase 2 Soil Sampling Environmental Site Assessment was completed by Adanta, dated March 19, 2014 in order to evaluate potential contamination related to past land uses as an orchard. Soil sample results are below published screening levels and therefore no additional soil sampling related to past land use is required.

Discussion- Item VIII-5:

The project is not located within an airport land use plan or, where such a plan has been adopted, or within two miles of a public airport or public use airport. As such, the project would not result in a safety hazard for people residing or working in the project area.

Discussion- Item VIII-6:

The project is not within the vicinity of a private airstrip and as such, would not result in a safety hazard for people residing in the project area.

Discussion- Item VIII-7:

Based on the project analysis, the project would not expose people or structures to a significant risk of loss, injury or death involving wildland fires because there are no wildlands adjacent to residential parcels in the immediate developed area of Granite Bay.

Discussion- Item VIII-8:

Mosquito breeding is not expected to significantly impact this project. Common problems associated with over watering of landscaping and residential irrigation have the potential to breed mosquitoes. As a condition of this project, it is recommended that drip irrigation be used for landscaping areas. No mitigation measures are required.

IX. HYDROLOGY & WATER QUALITY – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Violate any federal, state or county potable water quality standards? (EHS)				X
2. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lessening of local groundwater supplies (i.e. 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)? (EHS)				X
3. Substantially alter the existing drainage pattern of the site or area? (ESD)			X	
4. Increase the rate or amount of surface runoff? (ESD)		X		
5. Create or contribute runoff water which would include substantial additional sources of polluted water? (ESD)		X		
6. Otherwise substantially degrade surface water quality?(ESD)		X		
7. Otherwise substantially degrade ground water quality? (EHS)			X	
8. 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? (ESD)				X
9. Place within a 100-year flood hazard area improvements which would impede or redirect flood flows? (ESD)				X

10. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? (ESD)				X
11. Alter the direction or rate of flow of groundwater? (EHS)				X
12. Impact the watershed of important surface water resources, including but not limited to Lake Tahoe, Folsom Lake, Hell Hole Reservoir, Rock Creek Reservoir, Sugar Pine Reservoir, French Meadows Reservoir, Combie Lake, and Rollins Lake? (EHS, ESD)				X

Discussion- Item IX-1:

This project will not rely on groundwater wells as a potable water source. Potable water for this project will be treated water from San Juan water District. Therefore, the project will not violate water quality standards with respect to potable water.

Discussion- Item IX-2:

This project will not utilize groundwater, and is not located in an area where soils are conducive to groundwater recharge. Therefore, the project will not substantially deplete groundwater supplies or interfere with groundwater recharge.

Discussion- Item IX-3:

This residential parcel map project would create two new residential parcels, each approximately 1.1 acres in size, from the 2.2 acre site. To construct the required driveway and access improvements, only minimal site grading is proposed. The residential parcels will not be pad graded as a part of the project. The parcel map improvements will not cause a significant change to site hydrology. While on site drainage patterns are slightly altered due to the proposed development of this site, the direction of discharge of runoff from the site remains essentially the same as pre-development conditions. No mitigation measures are required.

Discussion- Item IX-4:

The new impervious surfaces for the undeveloped parcel will only slightly increase the overall rate and amount of surface runoff from the site. The project proposes to subdivide the 2.2 gross acre parcel that already has one single family residence constructed on it in order to create two new residential single family parcels, each approximately 1.1 acres in size. The additional impervious areas of the paved private driveway and future home site created by the project are small compared to the overall watersheds.

The subject project is within the Dry Creek Watershed Flood Control Plan area. Flooding along Dry Creek and its tributaries (this property is in the Miners Ravine watershed) is well documented. Cumulative downstream impacts were studied in the Dry Creek Watershed Flood Control Plan dated 1992 in order to plan for flood control projects and set flood control policies. Mitigation measures for development in this area based on the 1992 plan included local, on-site detention where necessary to reduce post-development flows from the ten and 100-year storms to pre-development levels as well as flood control development fees to fund regional detention basins to reduce flooding on major streams in the Dry Creek watershed. A recently adopted Update to the Dry Creek Watershed Flood Control Plan dated November 2011 concluded that land development projects are no longer required to provide onsite stormwater detention within the Dry Creek Watershed unless existing downstream drainage facilities cannot accommodate the project's increases in stormwater runoff. Therefore, this project is not required to provide stormwater detention.

However, Dry Creek Watershed fees are still required as mitigation measures for new projects within the Dry Creek Watershed. If these fees are not collected on a project by project basis to fund regional detention facilities, these types of capital improvements may not be realized and flooding impacts to properties within the Dry Creek Watershed area will persist. Cumulative flood control impacts are considered to be potentially significant impacts and the payment of Dry Creek Watershed fees are required as mitigation measures.

The proposed project's impacts associated with increasing the rate or amount of surface runoff will be mitigated to a less than significant level by implementing the following mitigation measures:

Mitigation Measures- Item IX-4:

MM VI.1, MM VI.2, MM VI.3, See Item VI-5 for the text of these mitigation measures as well as the following:

MM IX.1 This project is subject to the one-time payment of drainage improvement and flood control fees pursuant to the "Dry Creek Watershed Interim Drainage Improvement Ordinance" (Ref. Chapter 15, Article 15.32, Placer County Code.) The current estimated development fee is \$775 per single-family residence, payable to the Engineering and Surveying Division prior to Building Permit issuance. The actual fee shall be that in effect at the time payment occurs.

MM IX.2 This project is subject to payment of annual drainage improvement and flood control fees pursuant to the "Dry Creek Watershed Interim Drainage Improvement Ordinance" (Ref. Chapter 15, Article 15.32, Placer County Code). Prior to Building Permit issuance, the applicant shall cause the subject property to become a participant in the existing Dry Creek Watershed County Service Area for purposes of collecting these annual assessments. The current estimated annual fee is \$117 per single-family residence.

Discussion- Items IX-5,6:

The water quality of all natural waterways is important to maintain for public health and safety and the health of the ecosystem. Potential water quality impacts are present both during project construction and after project development. Construction activities will disturb soils and cause potential introduction of sediment into stormwater during rain events. Through the implementation of Best Management Practices (BMPs) for minimizing contact with potential stormwater pollutants at the source and erosion control methods, this potentially significant impact will be reduced to less than significant levels. In the post-development condition, the project could potentially introduce contaminants such as oil and grease, sediment, nutrients, metals, organics, pesticides, and trash from activities such as roadway runoff, outdoor storage, landscape fertilizing and maintenance, and refuse collection. During construction, the building pad preparation and driveway improvements will potentially cause erosion, sediment, and water quality impacts to the Dry Creek watershed. Erosion potential and water quality impacts are always present and occur when protective vegetative cover is removed and soils are disturbed. This disruption of soils on the site has the potential to result in significant increases in erosion of soils both on- and off-site. The proposed project's impacts associated with soil erosion will be mitigated to a less than significant level by implementing the following mitigation measures:

Mitigation Measures- Items IX-5,6:

MM VI.1, MM VI.2, MM VI.3, See Item VI-5 for the text of these mitigation measures as well as the following:

MM IX.3 Water quality Best Management Practices (BMPs) shall be designed according to the California Stormwater Quality Association Stormwater Best Management Practice Handbooks for Construction, for New Development / Redevelopment, and/or for Industrial and Commercial, (and/or other similar source as approved by the Engineering and Surveying Division (ESD)).

Storm drainage from on- and off-site impervious surfaces (including roads) shall be collected and routed through specially designed catch basins, vegetated swales, vaults, infiltration basins, water quality basins, filters, etc. for entrapment of sediment, debris and oils/greases or other identified pollutants, as approved by the Engineering and Surveying Division (ESD). BMPs shall be designed at a minimum in accordance with the Placer County Guidance Document for Volume and Flow-Based Sizing of Permanent Post-Construction Best Management Practices for Stormwater Quality Protection. Post-development (permanent) BMPs for the project include, but are not limited to: vegetated/grassy swales. No water quality facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals.

Discussion- Item IX-7:

The project could result in urban stormwater runoff. Standard Best Management Practices (BMPs) will be used and as such, the potential for this project to violate any water quality standards is considered to be less than significant. No mitigation measures are required.

Discussion- Items IX-8,9,10:

The project site is not located within an area shown on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) and there are no proposed building sites within a FEMA-designated Flood Zone or Special Flood Hazard Area. There is no impact.

Discussion- Item IX-11:

The project will not alter the direction or rate of flow of groundwater as it does not propose the use of a groundwater source.

Discussion- Item IX-12:

Stormwater runoff from the site eventually flows overland into the Miner’s Ravine; however the runoff will be treated and infiltrate prior to reaching Miners Ravine. The improvements proposed do not substantially impact an important surface water resource. There is no impact.

X. LAND USE & PLANNING – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Physically divide an established community? (PLN)				X
2. Conflict with General Plan/Community Plan/Specific Plan designations or zoning, or Plan policies adopted for the purpose of avoiding or mitigating an environmental effect? (EHS, ESD, PLN)				X
3. Conflict with any applicable habitat conservation plan or natural community conservation plan or other County policies, plans, or regulations adopted for purposes of avoiding or mitigating environmental effects? (PLN)				X
4. Result in the development of incompatible uses and/or the creation of land use conflicts? (PLN)				X
5. Affect agricultural and timber resources or operations (i.e. impacts to soils or farmlands and timber harvest plans, or impacts from incompatible land uses)? (PLN)				X
6. Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)? (PLN)				X
7. Result in a substantial alteration of the present or planned land use of an area? (PLN)				X
8. Cause economic or social changes that would result in significant adverse physical changes to the environment such as urban decay or deterioration? (PLN)				X

Discussion- Item X-1:

The project will not divide an established community because the project and surrounding area has already been developed with residential land uses. This project would add one new residence and residential accessory structures on Parcel B. The Minor Land Division and subsequent residential development would be compatible with the established Granite Bay community and consistent with the Placer County Zoning Ordinance.

Discussion- Item X-2:

The project does not conflict with General Plan/Granite Bay Community Plan/Specific Plan designations or zoning, or Plan policies adopted for the purpose of avoiding or mitigating an environmental effect as the property is already zoned residential (RS-AG-B-40) and therefore residential uses are allowed within the zone district.

Discussion- Item X-3:

The project site is not located in an area subject to a Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

Discussion- Item X-4:

The project will not result in the development of incompatible land uses or create land use conflicts as the project is consistent with the Granite Bay Community Plan, Placer County Zoning Ordinance and is compatible with surrounding land uses.

Discussion- Item X-5:

The project site does not include any commercial agricultural use and does not include timber resources. These allowed land uses will not result in significant impacts to agricultural or timber resources as the parcels allow for hobby farms and small scale agricultural activities, No mitigation measures are required.

Discussion- Item X-6:

The project will not disrupt or divide the physical arrangement of an established community. The project could potentially add two residential units (primary and secondary dwelling) on a newly created parcel within an established residential community.

Discussion- Item X-7:

The project will not result in any alteration of the present or planned land use of the project area. The planned land use of the site allows for the proposed parcel size.

Discussion- Item X-8:

The project will not cause economic or social changes that will result in significant adverse physical changes to the environment.

XI. MINERAL RESOURCES – Would the project result in:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. The loss of availability of a known mineral resource that would be of value to the region and the residents of the state? (PLN)				X
2. 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? (PLN)				X

Discussion- All Items:

No valuable, locally important mineral resources have been identified by the Department of Conservation’s “Mineral Land Classification of Placer County” (dated 1995) on the project site. Development of the project would not result in impacts to mineral resources.

XII. NOISE – Would the project result in:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Exposure of persons to or generation of noise levels in excess of standards established in the local General Plan, Community Plan or noise ordinance, or applicable standards of other agencies? (PLN)				X
2. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (PLN)				X
3. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (PLN)			X	
4. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? (PLN)				X

5. 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? (PLN)				X
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Discussion- Items XII-1,2:

The project will not result in any substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project. Completion of the project would result in one, new single-family residence with a new driveway and off-site road improvements, which will not result in a substantial increase in ambient noise levels.

Discussion- Item XII-3:

The project may result in a moderate temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project resulting from construction of required project improvements such as one new single-family residence with a driveway and off-site road improvements. This temporary increase due to limited short term construction activities will be less than significant. A condition of approval for the project will be recommended that limits construction hours so that early evening and early mornings, as well as all day Sunday, will be free of construction noise. No mitigation measures are required.

Discussion- Item XII-4:

The project is not located within an airport land use plan or within two miles of a public use airport.

Discussion- Item XII-5:

The project is not located in the vicinity of a private airstrip.

XIII. POPULATION & HOUSING – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Induce substantial population growth in an area, either directly (i.e. by proposing new homes and businesses) or indirectly (i.e. through extension of roads or other infrastructure)? (PLN)				X
2. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (PLN)				X

Discussion- Item XIII-1:

The project will not directly or indirectly result in substantial population growth in the area. Following recordation of the Parcel Map, the property owner will possess rights to develop one new lot with a single-family residence and associated residential accessory structures. The potential development of one additional residence would be allowed by the Placer County zoning ordinance and the residential use is anticipated in the Granite Bay Community Plan (zoning and land use designation). No mitigation measures are required.

Discussion- Item XIII-2:

The project will not displace existing housing necessitating the construction of replacement housing elsewhere.

XIV. PUBLIC SERVICES – Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental services and/or facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services?

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact

1. Fire protection? (ESD, PLN)			X	
2. Sheriff protection? (ESD, PLN)			X	
3. Schools? (ESD, PLN)			X	
4. Maintenance of public facilities, including roads? (ESD, PLN)			X	
5. Other governmental services? (ESD, PLN)			X	

Discussion- Item XIV-1:

The project could result in a modest incremental increase in the need for fire protection services due to one new single-family residence constructed on Parcel B. Any newly constructed dwelling unit will be required to comply with California Building Code Chapter 7A which, among other more specific requirements, requires new residences to be constructed with fire resistive exterior materials and prohibits unprotected exterior wall openings. Therefore, the project will not require the provision of new or physically altered fire protection facilities nor significantly impair service ratios, response times or other performance objectives. This would result in a less than significant impact to the provision of fire protection services. No mitigation measures are required.

Discussion- Item XIV-2:

The project could result in a modest incremental increase in the need for sheriff protection services. The addition of one new single-family residence would result in a less than significant impact to the provision of sheriff protection services. No mitigation measures are required.

Discussion- Items XIV-3,4,5:

The project could result in a modest incremental increase in the need for schools, roads, parks, and other governmental services. This increase would not result in a substantial adverse physical impact from the provision of new or expanded facilities or services. Additionally, the provision of these services would be offset by existing fee programs regulated by ordinance (such as the countywide traffic fee program, park fee program, school fees, etc.) that are integrated into the residential Building Permit process. No mitigation measures are required.

XV. RECREATION – Would the project result in:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. 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? (PLN)			X	
2. 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? (PLN)				X

Discussion- All Items:

The project could result in a modest incremental increase in the use of and need for neighborhood and regional parks or other recreational facilities. This increase would not result in a substantial physical deterioration of these facilities. This would result in a less than significant impact to the provision of recreational facilities because provision of these services would be offset by collection of Park Preservation Fund fees regulated by county ordinance (Sections 15.34.010, 16.08.100 and/or 17.54.100.D). No mitigation measures are required.

This project does not include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment and therefore there is no impact.

XVI. TRANSPORTATION & TRAFFIC – Would the project result in:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. An increase in traffic which may be substantial in relation to the existing and/or planned future year traffic load and capacity of the roadway system (i.e. result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)? (ESD)		X		
2. Exceeding, either individually or cumulatively, a level of service standard established by the County General Plan and/or Community Plan for roads affected by project traffic? (ESD)			X	
3. Increased impacts to vehicle safety due to roadway design features (i.e. sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (ESD)		X		
4. Inadequate emergency access or access to nearby uses? (ESD)				X
5. Insufficient parking capacity on-site or off-site? (ESD, PLN)				X
6. Hazards or barriers for pedestrians or bicyclists? (ESD)				X
7. Conflicts with adopted policies, plans, or programs supporting alternative transportation (i.e. bus turnouts, bicycle lanes, bicycle racks, public transit, pedestrian facilities, etc.) or otherwise decrease the performance or safety of such facilities? (ESD)				X
8. Change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? (PLN)				X

Discussion- Item XVI-1:

This project proposal would result in the creation of a two lot Parcel Map where one residential structure already exists. The creation of one additional residential single-family parcel will result in the construction of one additional residence. The proposed project will generate approximately one additional PM peak hour trip. The peak hour trip generation of the proposed project is consistent with the land use zoning for this property.

The proposed project creates site-specific impacts on local transportation systems that are considered less than significant when analyzed against the existing baseline traffic conditions and roadway segment / intersection existing LOS; however, the cumulative effect of an increase in traffic has the potential to create significant impacts to the area’s transportation system. Article 15.28.010 of the Placer County Code establishes a road network Capital Improvement Program (CIP). This project is subject to this code and, therefore, required to pay traffic impact fees to fund the CIP for area roadway improvements. With the payment of traffic mitigation fees for the ultimate construction of the CIP improvements, the traffic impacts are considered less than significant.

Mitigation Measures- Item XVI-1:

MM XVI.1 This project will be subject to the payment of traffic impact fees that are in effect in this area (Granite Bay Fee District), pursuant to applicable Ordinances and Resolutions. The applicant is notified that the following traffic mitigation fee(s) will be required and shall be paid to Placer County DPW prior to issuance of any Building Permits for the project:

- A) County Wide Traffic Limitation Zone: Article 15.28.010, Placer County Code
- B) South Placer Regional Transportation Authority (SPRTA)

The current estimated fee is \$6,776 per single family residence. The fees were calculated using the information supplied. If either the use or the square footage changes, then the fees will change. The actual fees paid will be those in effect at the time the payment occurs.

Discussion- Item XVI-2:

This proposed Minor Land Division would ultimately result in the creation of one new residential single-family lot. The level of service standard established by the County General Plan and/or Community Plan for roads affected by project traffic will not be exceeded. No mitigation measures are required.

Discussion- Item XVI-3:

The project proposes improvements to the existing, substandard encroachment of South Shadow Oaks Lane onto Olive Ranch Road. Currently there is a utility pole in the middle of the encroachment with narrow lane widths on either side that limits driver safety. The project proposes to improve the encroachment to meet a modified Plate R-17 Placer County standard, as shown on Page 2 of the Tentative Parcel Map dated March 25, 2014. These improvements will provide a substantial increase to driver safety by allowing more room for acceleration/deceleration, providing wider lanes around the existing pole, and constructing curbing around the pole.

Mitigation Measures- Item XVI-3:

MM VI.1, MM VI.2, See Item VI-5 for the text of these mitigation measures as well as the following:

MM XVI.2 The Improvement Plans shall show the construction of a public road entrance/driveway onto to a modified Plate R-17 Land Development Manual (LMD) standard. The design speed of Olive Ranch Road shall be 40 miles per hour (mph), unless an alternate design speed is approved by the Department of Public Works (DPW). The improvements shall begin at the outside edge of any future lane(s) as directed by the DPW and the Engineering and Surveying Division (ESD). An Encroachment Permit shall be obtained by the applicant or authorized agent from ESD. The Plate R-17 structural section within the main roadway right-of-way shall be designed for a Traffic Index of 7.5, but said section shall not be less than 3 inches Asphalt Concrete (AC)/8 inches Class 2 Aggregate Base (AB) unless otherwise approved by the ESD.

Discussion- Item XVI-4:

The servicing fire district has reviewed the proposed project and has not identified any impacts to emergency access. There is no impact.

Discussion- Item XVI-5:

The proposed project would create one residential lot, which would be required to provide off-street parking for two vehicles per dwelling unit in conformance with Section 17.54.060 of the Placer County Zoning Ordinance (Parking Standards). Additionally, off-street parking would be provided within the private driveway. No mitigation measures are required.

Discussion- Item XVI-6:

The proposed project will not cause hazards or barriers to pedestrians or bicyclists. There is no impact.

Discussion- Item XVI-7:

The project will not conflict with any existing, or preclude anticipated future policies, plans, or programs supporting alternative transportation. There is no impact.

Discussion- Item XVI-8:

The proposed project will not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks.

XVII. UTILITIES & SERVICE SYSTEMS – Would the project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Measures	Less Than Significant Impact	No Impact
1. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (ESD)				X

2. Require or result in the construction of new water or wastewater delivery, collection or treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (EHS, ESD)		X		
3. Require or result in the construction of new on-site sewage systems? (EHS)				X
4. 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? (ESD)			X	
5. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (EHS)			X	
6. Require sewer service that may not be available by the area's waste water treatment provider? (EHS, ESD)			X	
7. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs in compliance with all applicable laws? (EHS)				X

Discussion- Item XVII-1:

The type of wastewater expected to be produced by this residential parcel is typical of wastewater already collected by the Placer County Sewer Maintenance District No. 2 and treated at the Dry Creek Wastewater Treatment Plant. The treatment facility is capable of handling and treating the additional volume of wastewater from one new residence without overwhelming the existing system. There is no impact.

Discussion- Item XVII-2:

The project is located within the San Juan Water District service area. A new water service connection will be made to the existing public water line in South Shadow Oaks Lane in accordance with requirements of the San Juan Water District. The current land use consists of one residential single-family parcel and the proposed project includes the creation of one additional new residential parcel. To gravity sewer the two new parcels, on and off-site public sewer construction will be required along South Shadow Oaks Lane to serve the proposed parcels in accordance with requirements of the Placer County Sewer Maintenance District No. 2. The proposed project's impacts associated with construction of new water or wastewater delivery, collection or treatment facilities will be mitigated to a less than significant level by implementing the following mitigation measures:

Mitigation Measures- Item XVII-2:

MM VI.1, MM VI.2, See Items VI-5 for the text of these mitigation measures as well as the following:

MM XVII.1 Prior to Improvement Plan approval and recordation of the Final Map, provide to the Development Review Committee "will-serve" letters from the following public service providers, as required:

- A) Placer County Sewer Maintenance District 2 (SMD 2) (See Requirements for Sewer Service letter dated December 18, 2013)
- B) San Juan Water District

Discussion- Item XVII-3:

The project will be served by public sewer, and will not require or result in the construction of a new septic system. There is no impact.

Discussion- Item XVII-4:

The construction for the driveway, access improvements and the future home is included in the grading and drainage impacts analysis and will not cause significant environmental effects. No mitigation measures are required.

Discussion- Items XVII-5,6:

The agencies charged with providing treated water, sewer services, and refuse disposal have indicated their requirements to serve the project. These requirements are routine in nature and do not represent significant impacts. The project will not result in the construction of new treatment facilities or create an expansion of an existing facility. Typical project conditions of approval require submission of "will-serve" letters from each agency. No mitigation measures are required.

Discussion- Item XVII-7:

The project will be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs.

E. MANDATORY FINDINGS OF SIGNIFICANCE:

Environmental Issue	Yes	No
1. Does the project have the potential to degrade the quality of the environment, substantially impact biological resources, or eliminate important examples of the major periods of California history or prehistory?		X
2. 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.)		X
3. Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?		X

F. OTHER RESPONSIBLE AND TRUSTEE AGENCIES whose approval is required:

<input checked="" type="checkbox"/> California Department of Fish and Wildlife	<input type="checkbox"/> Local Agency Formation Commission (LAFCO)
<input type="checkbox"/> California Department of Forestry	<input type="checkbox"/> National Marine Fisheries Service
<input type="checkbox"/> California Department of Health Services	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> California Department of Toxic Substances	<input type="checkbox"/> U.S. Army Corp of Engineers
<input type="checkbox"/> California Department of Transportation	<input type="checkbox"/> U.S. Fish and Wildlife Service
<input type="checkbox"/> California Integrated Waste Management Board	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> California Regional Water Quality Control Board	<input type="checkbox"/> _____

G. DETERMINATION – The Environmental Review Committee finds that:

Although the proposed project **COULD** have a significant effect on the environment, there **WILL NOT** be a significant effect in this case because the mitigation measures described herein have been added to the project. A **MITIGATED NEGATIVE DECLARATION** will be prepared.

H. ENVIRONMENTAL REVIEW COMMITTEE (Persons/Departments consulted):

- Planning Services Division, Roy Schaefer, Chairperson
- Planning Services Division, Air Quality, Lisa Carnahan
- Engineering and Surveying Division, Sarah Gillmore
- Department of Public Works, Transportation, Amber Conboy
- Environmental Health Services, Laura Rath
- Flood Control Districts, Andrew Darrow
- Facility Services, Parks, Andy Fisher
- Environmental Engineering Division, Heather Knutson



Signature _____ Date June 20, 2014
 E. J. Ivaldi, Environmental Coordinator

I. SUPPORTING INFORMATION SOURCES: The following public documents were utilized and site-specific studies prepared to evaluate in detail the effects or impacts associated with the project. This information is available for public review, Monday through Friday, 8am to 5pm, at the Placer County Community Development Resource Agency, Environmental Coordination Services, 3091 County Center Drive, Auburn, CA 95603. For Tahoe projects, the document will also be available in our Tahoe Division office, 775 North Lake Blvd., Tahoe City, CA 96145.

County Documents	<input checked="" type="checkbox"/> Air Pollution Control District Rules & Regulations	
	<input checked="" type="checkbox"/> Community Plan	
	<input checked="" type="checkbox"/> Environmental Review Ordinance	
	<input checked="" type="checkbox"/> General Plan	
	<input checked="" type="checkbox"/> Grading Ordinance	
	<input checked="" type="checkbox"/> Land Development Manual	
	<input checked="" type="checkbox"/> Land Division Ordinance	
	<input checked="" type="checkbox"/> Stormwater Management Manual	
	<input checked="" type="checkbox"/> Tree Ordinance	
	<input type="checkbox"/> _____	
Trustee Agency Documents	<input type="checkbox"/> Department of Toxic Substances Control	
	<input type="checkbox"/> _____	
Site-Specific Studies	Planning Services Division	<input checked="" type="checkbox"/> Biological Study
		<input checked="" type="checkbox"/> Cultural Resources Pedestrian Survey
		<input checked="" type="checkbox"/> Cultural Resources Records Search
		<input type="checkbox"/> Lighting & Photometric Plan
		<input type="checkbox"/> Paleontological Survey
		<input type="checkbox"/> Tree Survey & Arborist Report
		<input type="checkbox"/> Visual Impact Analysis
		<input type="checkbox"/> Wetland Delineation
		<input type="checkbox"/> Acoustical Analysis
		<input type="checkbox"/> _____
	Engineering & Surveying Division, Flood Control District	<input type="checkbox"/> Phasing Plan
		<input type="checkbox"/> Preliminary Grading Plan
		<input type="checkbox"/> Preliminary Geotechnical Report
		<input type="checkbox"/> Preliminary Drainage Report
		<input type="checkbox"/> Stormwater & Surface Water Quality BMP Plan
		<input type="checkbox"/> Traffic Study
		<input type="checkbox"/> Sewer Pipeline Capacity Analysis
		<input type="checkbox"/> Placer County Commercial/Industrial Waste Survey (where public sewer is available)
		<input type="checkbox"/> Sewer Master Plan
		<input type="checkbox"/> Utility Plan
<input checked="" type="checkbox"/> Tentative Map		

	Environmental Health Services	<input type="checkbox"/> Groundwater Contamination Report
		<input type="checkbox"/> Hydro-Geological Study
		<input type="checkbox"/> Phase I Environmental Site Assessment
		<input type="checkbox"/> Soils Screening
		<input type="checkbox"/> Preliminary Endangerment Assessment
		<input checked="" type="checkbox"/> Phase II Environmental Site Assessment _____
	Planning Services Division, Air Quality	<input type="checkbox"/> CALINE4 Carbon Monoxide Analysis
		<input type="checkbox"/> Construction Emission & Dust Control Plan
		<input type="checkbox"/> Geotechnical Report (for naturally occurring asbestos)
		<input type="checkbox"/> Health Risk Assessment
		<input type="checkbox"/> CalEEMod Model Output
		<input type="checkbox"/> _____
	Fire Department	<input type="checkbox"/> Emergency Response and/or Evacuation Plan
		<input type="checkbox"/> Traffic & Circulation Plan
		<input type="checkbox"/> _____