MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
5. Biological Resources						
5-1	Impacts to special-status plants.	*5-1*	*Prior to the issuance of a grading permit, focused surveys shall be performed in order to determine the presence or absence of the following special-status plant species: Ahart's dwarf rush, Bogg's Lake hedge-hyssop, dwarf downingia, legenere, pincushion navarretia, and/or Sanford's arrowhead. The survey shall be conducted by a qualified biologist during the identification periods for all of the special-status plant species listed above. If any of the special-status plant species are found, a mitigation plan conceived from consultation with the appropriate agencies shall be prepared. The plan shall detail the various mitigation approaches to ensure no net loss of special-status plants. Mitigation could include, but would not be limited to, avoidance of the plant species, salvage of plant materials where possible, acquisition of credits at an approved mitigation bank, or acquisition and preservation of property that supports the plant species.*	County Planning Department	Prior to the issuance of a grading permit/ improvement plans	
5-3	Impacts to freshwater invertebrates.	*5-3(a)*	*If impacts to invertebrate habitat cannot be avoided, prior to issuance of a grading permit, protocol-level surveys shall be conducted by a qualified biologist to*	County Planning Department	Prior to the issuance of a grading permit/ improvement	

74

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			determine the presence or absence of freshwater invertebrate species, for the review and approval of the Planning Department. If the species are absent and USFWS accepts the survey findings, further mitigation is not necessary. If the species are present (or if the project applicant chooses to assume presence without conducting the surveys), the applicant shall implement Mitigation Measure 5-3(b).	USFWS	plans	
		5-3(b)	*Prior to issuance of a grading permit, the project applicant shall coordinate with USFWS to determine appropriate invertebrate habitat mitigation for project impacts. Typically, the USFWS requires compensatory mitigation for impacts to these species at a 3:1 ratio (2:1 preservation and 1:1 creation). Mitigation could include, but would not be limited to, on-site or off-site preservation and creation of seasonal wetlands or purchase of seasonal wetland credits at a qualified mitigation bank.*	USFWS	Prior to the issuance of a grading permit/ improvement plans	
5-4	Impacts to valley elderberry longhorn beetle.	*5-4*	*Prior to the initiation of any construction activities that could impact elderberry shrubs, ground disturbance activities shall be restricted by constructing a 100-foot buffer around any existing elderberry shrubs on-*	County Planning Department USFWS	Prior to the initiation of any construction activities that could impact	

SL

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			site. The 100-foot buffer shall include installation of protective fencing around existing elderberry shrubs. Should avoidance of one or more of the shrubs be infeasible, the applicant(s) shall consult with the USFWS to determine if authorization is needed to remove the elderberry shrubs.		elderberry shrubs	
5-5	Impacts to western burrowing owl.	*5-5(a)*	*Prior to issuance of a grading permit, pre-construction burrowing owl surveys shall be conducted by a qualified biologist no more than 30 days prior to initiation of construction activities on the project site and within 250 feet of the project site boundary. Presence or signs of burrowing owls and all potentially occupied burrows shall be recorded and monitored according to CDFG and California Burrowing Owl Consortium guidelines. If burrowing owls are not detected by sign or direct observation, further mitigation is not necessary. If burrowing owls are detected, the project applicant shall implement Mitigation Measure 5-5(b).*	County Planning Department CDFG	Prior to issuance of a grading permit / improvement plans and no more than 30 days prior to initiation of construction activities	
		5-5(b)	*Prior to initiation of any construction activities, a 250-foot buffer zone shall be established around each burrow with an active nest until the young have fledged and are able to exit the burrow. In the case of*	County Planning Department CDFG	Prior to initiation of any construction activities	

96

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			occupied burrows without active nesting, active burrows after the young have fledged, or if development commences after the breeding season (February 1 to August 31), passive relocation, which involves installing a one-way door at the burrow entrance to encourage the owls to move from the occupied burrow, shall be performed by a qualified biologist. The CDFG shall be consulted for current guidelines and methods for passive relocation of any owls found on the site.			
5-6	Impacts to raptors and migratory birds.	*5-6(a)*	*Prior to issuance of a grading permit, if construction is expected to occur during the raptor nesting season (February 1 to August 31), a pre-construction raptor survey shall be performed to determine if active raptor nests are present on-site. The survey shall be conducted by a qualified biologist not more than 30 days prior to the onset of construction activities. If active raptor nests are not found on or within 500 feet of the project site, further mitigation is not necessary. In addition, if construction activities are proposed to occur during the non-breeding season (September 1 to January 31), a survey is not required and further studies are not necessary. However, if active raptor nests are found on or within 500 feet of the site, the*	County Planning Department	Prior to issuance of a grading permit/ improvement plans	

66

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			project applicant shall implement Mitigation Measure 5-6(b).			
		5-6(b)	*During construction, construction activities shall not occur within 500 feet of the active raptor nests until the young have fledged or until the biologist has determined that the nest is not active any longer.*	County Planning Department	During construction	
		5-6(c)	*Prior to issuance of a grading permit, if any vegetation removal is expected to occur as a result of the project during the typical avian nesting season (February 1 to August 31), a pre-construction survey shall be performed to determine if active migratory bird nests are present on-site. The survey shall be conducted by a qualified biologist not more than two weeks prior to the onset of vegetation removal. If active migratory bird nests are found on-site, disturbance or removal of the nest shall be avoided until the young have fledged and the nest is not active any longer.* *It should be noted that extensive buffers, such as those recommended for nesting raptors, are not necessary for nesting avian species protected solely by the Migratory Bird Treaty Act. However, depending on the bird species, site conditions, and the proposed*	County Planning Department	Prior to issuance of a grading permit/ improvement plans	

86

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			construction activities near an active nest, a small buffer could be prescribed, as determined by the biologist. Alternatively, vegetation removal could be scheduled to avoid all potential impacts. Vegetation removal conducted between September 1 and January 31 will prevent impacts to nesting birds and unfledged young.			
5-9	Impacts to oak woodland communities and significant trees.	*5-9(a)*	*To mitigate oak woodland losses within the development footprint and to account for habitat fragmentation, the project applicant shall make an in-lieu payment to the County consisting of two separate components, one for the higher value blue oak woodland (37.34 acres), and one lower per-acre payment for the poor quality live oak woodland (40.24 acres) on the project site, along with the very small amounts of valley oak woodland (0.06 acres) and mixed oak woodland (1.27 acres). The payment shall be equivalent to the fair market value of a conservation easement on oak woodland property in Placer County, with such fair market value established at the time of approval of the tentative subdivision map for the project. The in-lieu payment shall be paid at the time set forth below. The funds will include both a conservation component and an in perpetuity management component.*	County Planning Department	Fair share payment at the time of approval of improvement plans for the project	

64

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact		Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
			These funds will be used by the County to purchase conservation easements to other in-kind oak woodlands in the County.			
		5-9(b)	*Each "significant" oak tree (24 inches dbh or greater) identified for removal shall be replaced in the following manner:*	County Planning Department	Prior to acceptance of improvements by the Engineering and Surveying Department	
			1) Subdivision Improvements. For the 69 significant oak trees to be removed because of subdivision improvements, the project shall include planting of on-site 24-inch boxes and 15-gallon trees (cumulatively 25 percent), 5-gallon trees (25 percent), and D-pots (50percent) at the ratios outlined in Table 5-2 (See Chapter 5, Biological Resources, of this EIR).	DRC	In-lieu payments at the time of issuance of building permits for each lot	
			Mitigation tree planting shall occur in two open space areas specified on the project site. These planting areas on-site, once planted with replacement oak trees, will also serve as replacement habitat for oak woodland values lost on the project site. Mitigation tree planting shall be installed by the applicant and inspected and approved by the DRC prior to acceptance of improvements by the			

98

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		Engineering and Surveying Department. At its discretion, the DRC may establish an alternate deadline for installation of mitigation replacement trees if weather or other circumstances prevent the completion of this requirement. *2) Lot Development. A total of 2,131 inches of significant oak trees could be potentially impacted by lot development in the project within building lot setbacks on individual lots. Although the actual inches of oak tree impact from lot development may be substantially less than this total of impacted inches, all 2,131 inches of significant oak trees will be assumed removed for mitigation purposes, at $100.00 per inch at breast height, for a total mitigation of $213,100 for impacts to significant oak trees in individual lots.* *Total in-lieu payments (less the amount set forth below) for oak tree mitigation, for both oak woodland impacts and impacts to significant oak trees not mitigated on-site (i.e., for subdivision improvement impacts) shall be totaled and divided by the number of total residential lots in the project, and paid*			

18

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			on a per lot basis at building permit issuance for each lot. Each lot will thus pay a fair share of costs of oak tree and oak woodland mitigation costs distributed over the entire project site, except for the in-lieu payment for direct impacts to oak woodland acreage affected by subdivision improvements, or 5.27 acres, which will be paid in lump sum at the time of approval of improvement plans for the project.			
5-10	Impacts to jurisdictional wetlands or other waters of the United States.	*5-10(a)*	*To the extent feasible, the project shall be designed and constructed to avoid and minimize adverse effects to waters of the United States or jurisdictional waters of the State of California within the project area.*	County Planning Department	Prior to the issuance of a grading permit/ improvement plans	
		5-10(b)	*Prior to the issuance of a grading permit for the project site, a Section 404 permit for fill of jurisdictional wetlands shall be acquired, and mitigation for impacts to jurisdictional waters that cannot be avoided shall conform with the USACE "no-net-loss" policy and the USACE Regulatory Guidance Letter No. 02-2 establishing policies and guidance on appropriate mitigation for impacts to jurisdictional waters. Mitigation for impacts to both federal and State jurisdictional waters shall be addressed using these guidelines.*	USACE RWQCB	Prior to the issuance of a grading permit/ improvement plans	

e8

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			If a Section 404 permit is obtained, the applicant must also obtain a water quality certification from the RWQCB under Section 401 of the Clean Water Act (CWA).			
		5-10(c)	*Prior to the issuance of a grading permit that would affect any stream crossing, or bed, bank or associated riparian vegetation of the riverine perennial marsh, riverine riparian wetland, or Miners Ravine, a Streambed Alteration Agreement shall be entered into by the applicant, for the review and approval of the CDFG.*	CDFG	Prior to the issuance of a grading permit/ improvement plans that would affect any stream crossing, or bed, bank or associated riparian vegetation of the riverine perennial marsh, riverine riparian wetland, or Miners Ravine	
6. Cultural Resources						
6-1	Implementation of the proposed project may directly impact a portion of archaeological site CA-PLA-1870 (RDO#1) by road	*6-1*	*If any portion of archaeological site CA-PLA-1870 (RDO#1) and/or CA-PLA-1871 (RDO#2a) will be directly impacted by grading and trenching, and avoidance is not feasible, then a data recovery plan shall be prepared for each affected site by an*	County Planning Department	Prior to any ground-disturbing activity within 25 feet of archaeological	

83

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
	construction, grading and trenching, and may directly impact a portion of archaeological site CA-PLA-1871 (RDO#2a) by grading and trenching.	*archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards in prehistoric archaeology. Each data recovery plan must consider the results and recommendations in the Evaluation of Archaeological Sites CA-PLA-1870, CA-PLA-1871 & CA-PLA-1873, Rancho Del Oro Development, Placer County, California, which was prepared for the project in March 2009. Each data recovery plan shall be adopted by the County and all proposed field work outlined in the plan, including changes in field work strategy deemed necessary by the archaeologist due to the changing nature of discoveries, must be completed prior to any ground-disturbing activity within 25 feet of each respective archaeological site. Analysis of the finds and preparation of a final data recovery technical report for each site must meet current professional standards.*		sites CA-PLA-1870 (RDO#1) and/or CA-PLA-1871 (RDO#2a)	
6-2	Implementation of the proposed project may directly impact archaeological site RDO#2b by ground-disturbing activity.	*6-2* *If any portion of archaeological site RDO#2b will be directly impacted by ground disturbing activity including filling, and avoidance by direct burial of the site is not feasible, then the surface of the site's cultural deposit shall be first covered with chain link fencing placed flat on the ground surface and then covered with soil that is chemically*	County Planning Department	Prior to any ground-disturbing activity within 25 feet of archaeological site RDO#2b	

78

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		compatible with the cultural deposit. An archaeologist who meets the Secretary of the Interior's Professional Qualifications Standards in prehistoric archaeology shall monitor on-site placement of the chain link fencing and burial of the archaeological site. If direct burial of the site or other means of avoidance is not feasible, then the archaeologist must prepare a data recovery plan. The data recovery plan must be adopted by the County and all proposed field work outlined in the plan, including necessary changes in the field work strategy as work progresses, must be completed prior to any ground-disturbing activity within 25 feet of the archaeological site. Analysis of the finds and preparation of a final data recovery technical report for the site must meet current professional standards.			
6-3	Implementation of the proposed project may indirectly impact portions of those archaeological sites eligible for the California Register of Historical Resources and located within the open space.	*6-3* *The covenants, conditions, and restrictions (CC&Rs) for the project shall include a prohibition against any excavation or collecting of artifacts within the open space.*	County Planning Department	Prior to recordation of Final Map	

85

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
6-4	Disturbance or destruction of previously unknown archaeological resources within the vicinity of the project site.	*6-4* *Prior to the issuance of any grading permits, the applicant shall retain a qualified archaeologist to monitor excavation activities associated with the proposed project. The monitor shall be approved by the Placer County Planning Department. Monitoring shall consist of directly watching the major excavation process. Monitoring shall occur during the entire work day, and shall continue on a daily basis until a depth of excavation has been reached at which resources could not occur. This depth is estimated as usually about five feet below grade at the beginning of the project, but may require modification in specific cases, and shall be determined by the monitoring archaeologist based on observed soil conditions. Spot checks shall consist of partial monitoring of the progress of excavation over the course of the project. During spot checks, all spoils material, open excavations, recently grubbed areas, and other soil disturbances shall be inspected to determine if cultural materials are present. The frequency and duration of spot checks shall be based on the relative sensitivity of the exposed soils and active work areas. The monitoring archaeologist shall determine the relative sensitivity of the parcel. If any*	County Planning Department County Coroner NAHC	Prior to the issuance of any grading permits/ improvement plans	

58

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		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. *Equipment stoppages shall only involve those pieces of equipment that have actually encountered significant or potentially significant deposits, and should not be construed to mean a stoppage of all equipment on the site unless the cultural deposit covers the entire building site. 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 shall 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*			

87

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		additional mitigation measures necessary to address the unique or sensitive nature of the site.			
		7. Visual Resources			
7-3	Impacts associated with new sources of light and glare.	*7-3* *Prior to the issuance of building permits, the developer shall submit a lighting plan for the review and approval of the Placer County Building Official. The lighting plan shall include shielding on all light fixtures and shall address limiting light trespass and glare through the use of shielding and directional lighting methods, including but not limited to, fixture location and height. The lighting plan shall comply with the Placer County Design Guidelines for lighting, including, but not limited to, the following:* • *Maximum height for building and freestanding lighting should not exceed 14 feet.* • *If property is adjacent to a residential area or residentially zoned property, the lighting should not interfere with these areas.* • *Lighting shall be directed away from adjacent roadways and shall not interfere with traffic or create a*	County Building Official	Prior to the issuance of building permits	

88

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			traffic hazard. • *Upward lighting shall be minimized to the greatest extent possible.*			
8. Transportation and Circulation						
8-1	Impacts to traffic flow from construction traffic associated with development of the project site.	*8-1*	*In conjunction with submittal of Improvement Plans, a striping and signing plan shall be submitted. The striping and signing plan shall include all on- and off-site traffic control devices and shall be reviewed by the County Traffic Engineer. A construction signing plan shall also be provided with the Improvement Plans for review and approval by the County Traffic Engineer.*	County Engineering and Surveying Department	In conjunction with submittal of Improvement Plans	
8-6	Impacts to bicycle and pedestrian facilities.	*8-6*	*Prior to approval of Improvement Plans, the project applicant shall ensure that the pathway and sidewalk network meets ADA accessibility requirements, subject to review and approval of the Improvement Plans by the Engineering and Surveying Department.*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	
9. Air Quality						
9-1	Impacts related to fugitive particulate matter emissions from project-associated construction activities.	*9-1(a)*	*Prior to the approval of Improvement Plans, the applicant shall submit a Construction Emission / Dust Control Plan to the Placer County APCD. This plan must address the minimum Administrative Requirements found in section 300 and 400 of APCD Rule 228, Fugitive Dust. The applicant shall not break*	PCAPCD	Prior to approval of Improvement Plans	

89

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			ground prior to receiving APCD approval of the Construction Emission I Dust Control Plan.			
		9-1(b)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The prime contractor shall submit to the District a comprehensive inventory (i.e. make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower of greater) that will be used an aggregate of 40 or more hours for the construction project. The inventory shall be updated, beginning 30 days after any initial work on site has begun, and shall be submitted on a monthly basis throughout the duration of the project, except that an inventory shall not be required for any 30-day period in which no construction activity occurs. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, and name and phone number of the property owner, project manager, and on-site foreman.*	County Planning Department PCAPCD	Prior to approval of Improvement Plans	
		9-1(c)	*Prior to approval of Improvement Plans, the applicant shall provide a plan to the Placer*	PCAPCD	Prior to approval of Improvement	

90

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			County APCD for approval by the District demonstrating that the heavy-duty (> 50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent NO_X reduction and 45 percent particulate reduction compared to the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, aftertreatment products, and/or other options as they become available.		Plans	
		9-1(d)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The contractor shall suspend all grading operations when fugitive dust exceeds Placer County APCD Rule 228 (Fugitive Dust) limitations. The prime contractor shall be responsible for having an individual who is CARB-certified to perform Visible Emissions Evaluations (VEE). This individual shall evaluate compliance with Rule 228 on a weekly basis. It is to be noted that fugitive dust is not to exceed 40 percent opacity and not go beyond property boundary at any time.*	County Planning Department PCAPCD	Prior to approval of Improvement Plans	

16

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			If lime or other drying agents are utilized to dry out wet grading areas they shall be controlled as to not to exceed Placer County APCD Rule 228 Fugitive Dust limitations.			
		9-1(e)	*Prior to the approval of Improvement Plans, an enforcement plan shall be established, and submitted to the APCD for review, in order to weekly evaluate project-related on- and off-road heavy-duty vehicle engine emission opacities, using standards as defined in California Code of Regulations, Title 13, Sections 2180-2194. An Environmental Coordinator, CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project-related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified and the equipment must be repaired within 72 hours.*	PCAPCD	Prior to approval of Improvement Plans	
		9-1(f)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The prime contractor shall suspend all grading operations when wind speeds (including instantaneous gusts) exceed 25 miles per hour and dust is impacting adjacent properties.*	County Planning Department	Prior to approval of Improvement Plans	

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
		9-1(g)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: Construction equipment exhaust emissions shall not exceed District Rule 202 Visible Emission limitations. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified to cease operations and the equipment must be repaired within 72 hours. Additional information regarding Rule 202 can be found at: http://www.placer.ca.gov/Deuartments/Air/Rule.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(h)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: During construction, no open burning of removed vegetation shall be allowed. All removed vegetative material shall be either chipped on site or taken to an appropriate disposal site.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(i)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The prime contractor shall be responsible for keeping adjacent public thoroughfares clean*	County Planning Department	Prior to approval of Improvement Plans	

93

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			of silt, dirt, mud, and debris, and shall "wet broom" if silt, dirt, mud or debris is carried over to adjacent public thoroughfares. Dry mechanical sweeping is prohibited.			
		9-1(j)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(k)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The contractor shall apply water to control dust, as required by Rule 228, Fugitive Dust, to prevent dust impacts offsite. Operational water truck(s) shall be onsite, at all times, to control fugitive dust. Construction vehicles leaving the site shall be cleaned to prevent dust, silt, mud, and dirt from being released or tracked off-site.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(l)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: During construction, the contractor shall minimize idling time to a maximum of 5*	County Planning Department	Prior to approval of Improvement Plans	

94

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			minutes for all diesel powered equipment.			
		9-1(m)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The contractor shall use CARB ultra low diesel fuel for all diesel-powered equipment. In addition, low sulfur fuel shall be utilized for all stationary equipment.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(n)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators.*	County Planning Department	Prior to approval of Improvement Plans	
		9-1(o)	*Prior to the approval of Improvement Plans, the applicant shall include the following standard note on the Improvement Plans: All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a State-issued portable equipment permit or a Placer County APCD issued portable equipment permit.*	County Planning Department	Prior to approval of Improvement Plans	
9-2	Impacts related to a temporary increase in NO_X emissions.	*9-2*	*During construction, the project contractor shall use only low-VOC architectural coatings and asphalt in compliance with PCAPCD Rules and Regulations, for review*	County Building Official	During construction	

56

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			by the County Building Official.			
		10. Noise				
10-1	Construction noise impacts to nearby sensitive receptors.	*10-1(a)*	*Construction activities shall comply with the Placer County Noise Ordinance.*	County Building Official	During construction	
		10-1(b)	*Fixed construction equipment, which may include, but not be limited to, compressors and generators, shall be located as far away from sensitive receptors, as feasible. In addition, impact tools shall be shielded or shrouded. Intake and exhaust ports of powered construction equipment shall also be muffled or shielded.*	County Building Official	During construction	
		10-1(c)	*A disturbance coordinator shall be appointed for the project site who would receive any public noise-related complaints about construction equipment and practices. The disturbance coordinator shall be responsible for determining the cause of the complaint(s) and the implementation of any feasible measures to alleviate the complaint(s). The disturbance coordinator's contact information shall be posted throughout the site and adjacent public spaces.*	County Building Official	During construction	

96

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		11. Soils, Geology, and Seismicity			
11-1	Loss of structural support due to liquefaction.	*11-1(a)* *The preliminary geotechnical engineering study performed by Youngdahl Consulting Group, Inc., dated June 2006, indicated the presence of loose, saturated surface soils or other soil problems which, if not corrected, would lead to structural defects. Prior to Improvement Plan approval, the applicant shall submit for review and approval by the Engineering and Surveying Department a soil investigation of each non-pad graded lot in the subdivision produced by a California Registered Civil or Geotechnical Engineer (Section 17953-17955 California Health and Safety Code).* *In addition, prior to Final Acceptance of project improvements or consideration of early building permits, and after the completion of pad grading for Lots 8-11, 34, 36, 42, 52, 53, 55, 69, 71, 72, 75, 78, 81, 82, 86, and 89, as well as Lot G, the applicant shall submit for review and approval by the Engineering and Surveying Department a soil investigation of each pad-graded lot produced by a California Registered Civil or Geotechnical Engineer (Section 17953-17955 California Health and Safety Code). The soil*	County Engineering and Surveying Department County Planning Department	Prior to Improvement Plan approval and Prior to Final Acceptance of project improvements or consideration of early building permits, and after the completion of pad grading for Lots 8-11, 34, 36, 42, 52, 53, 55, 69, 71, 72, 75, 78, 81, 82, 86, 89, and Lot G	

97

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		investigations shall include recommended corrective action that is likely to prevent structural damage to each proposed dwelling. The applicant shall include in the Development Notebook or modify the Development Notebook to include the soil problems encountered on each specific lot, as well as the recommended corrective actions. A note that indicates the requirements of this condition shall be included on the Improvement Plans, CC&Rs, and the Informational Sheet filed with the Final Map(s). Once approved by the Engineering and Surveying Department, two copies of the final soil investigations for each lot shall be provided to the Engineering and Surveying Department and one copy to the Building Department for their use.			
		11-1(b) *The applicant shall submit for review and approval by the Engineering and Surveying Department a geotechnical engineering report produced by a California Registered Civil Engineer or Geotechnical Engineer. The report shall address and make recommendations on the following:* • *Road, pavement, and parking area design*	County Engineering and Surveying Department	Prior to Improvement Plan approval	

98

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		• *Structural foundations, including retaining wall design (if applicable)* • *Grading practices* • *Erosion/winterization* • *Special problems discovered on-site, (i.e., groundwater, expansive/unstable soils, etc.)* • *Slope stability* *Once approved by the Engineering and Surveying Department, two copies of the final report shall be provided to the Engineering and Surveying Department and one copy to the Building Department for their use. If the soils report indicates the presence of critically expansive or other soils problems which, if not corrected, could lead to structural defects, a certification of completion of the requirements of the soils report will be required for subdivisions, prior to issuance of Building Permits. This certification may be completed on a Lot by Lot basis or on a Tract basis. This shall be so noted in the CC&Rs and on the Informational Sheet filed with the Final Map(s). The developer shall provide for engineering inspection and certification that earthwork has been performed in conformity with recommendations contained in the report*			

66

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		11-1(c) *The project 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 Department for review and approval. The plans shall show all 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. (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. If the Design/Site Review process and/or DRC*	County Engineering and Surveying Department DRC	Concurrent with submittal of Improvement Plans If DRC review required, prior to submittal of Improvement Plans	

001

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		review is required as a condition of approval for the project, said review process shall be completed prior to submittal of Improvement Plans. 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 prior to acceptance by the County of site improvements.			
		11-1(d) *All proposed grading, drainage improvements, vegetation and tree removal shall be shown on the Improvement Plans and all work shall conform to provisions of the County Grading Ordinance (Ref. Article 15.48, Placer County Code) that are in effect at the time of submittal. Grading, clearing, or tree disturbance shall not occur until the Improvement Plans are approved and all temporary construction fencing has been installed and inspected by a member of the DRC. All cut/fill slopes shall be at 2:1 (horizontal:vertical) unless a soils report supports a steeper slope and the Engineering and Surveying Department concurs with said recommendation.*	County Engineering and Surveying Department	Prior to approval of Improvement Plans and During construction	
		The applicant shall revegetate all disturbed areas. Revegetation undertaken from April 1 to October 1 shall include regular watering to			

101

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		ensure adequate growth. A winterization plan shall be provided with project Improvement Plans. The applicant shall assure proper installation and maintenance of erosion control/winterization during project construction. Where soil stockpiling or borrow areas are to remain for more than one construction season, proper erosion control measures shall be applied as specified in the Improvement Plans/Grading Plans. Erosion control shall be provided for where roadside drainage is off of the pavement, to the satisfaction of the Engineering and Surveying Department. *The applicant shall submit to the Engineering and Surveying Department 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.*			

101

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		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 Design Review Committee/Engineering and Surveying Department for a determination of substantial conformance to the project approvals prior to any further work proceeding. Failure of the Design Review Committee/Engineering and Surveying Department to make a determination of substantial conformance may serve as grounds for the revocation/modification of the project approval by the appropriate hearing body.			
		11-1(e) *Any proposed subdivision grading beyond that necessary for construction of streets, utilities, and drainage improvements (i.e., mass grading, residential pad grading) must be approved by the Design Review Committee prior to approval of project Improvement Plans. The intent of this condition is to allow detailed Design Review Committee review of lot or contour grading impacts, and to ensure that grading activities do not exceed those*	DRC	Prior to Improvement Plan approval	

103

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			indicated on the preliminary grading plan for this project. Grading plans, of a suitable scale and providing specific engineering detail, including limits of grading, identification of trees, existing and proposed contours, drainage patterns, etc., shall be prepared and submitted for Design Review Committee review. If grading, beyond that indicated on the preliminary grading plan, and/or environmental documents is/are proposed with subdivision construction, the matter shall be referred back to the Planning Commission for consideration.			
11-2	Structural damage from potentially expansive soils.	*11-2*	*Implement Mitigation Measures 11-1(a), 11-1(b), and 11-1(e).*	See Mitigation Measures 11-1(a), 11-1(b), and 11-1(e)	See Mitigation Measures 11-1(a), 11-1(b), and 11-1(e)	
11-4	Construction-related increases in soil erosion.	*11-4(a)*	*The project's ground disturbance exceeds one acre; therefore, the project is subject to the construction stormwater quality permit requirements of the National Pollutant Discharge Elimination System (NPDES) program. The applicant shall obtain such permit from the State Regional Water Quality Control Board and shall provide to the Engineering and Surveying Department evidence of a state-issued WDID number or filing of a Notice of Intent and fees prior to start of construction.*	County Engineering and Surveying Department	Prior to start of construction	

104

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		11-4(b) *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 Department).* *Construction (temporary) BMPs for the project include, but are not limited to, the following: Fiber Rolls (SE-5), Hydroseeding (EC-4), Stabilized Construction Entrance (LDM Plate C-4), Storm Drain Inlet Protection (SE-10), Silt Fence (SE-1), revegetation techniques, gravel bags, diversion swales, dust control measures, limiting the soil disturbance, and concrete washout areas.*	County Engineering and Surveying Department	Prior to start of construction	
		11-4(c) *Stockpiling and/or vehicle staging areas shall be identified on the Improvement Plans and located as far as practical from existing dwellings and protected resources in the area.*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	
		11-4(d) *In order to protect site resources, grading activities of any kind shall not take place*	County Engineering	During any grading or	

105

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			within the 100-year floodplain of Miners Ravine unless otherwise approved as a part of this project.	and Surveying Department	construction	
			12. Hydrology and Water Quality			
12-1	Project impacts to the existing drainage pattern and surface runoff.	*12-1(a)*	*The project applicant shall prepare and submit with the project Improvement Plans a drainage report, in conformance with the requirements of Section 5 of the Land Use Development Manual (LDM) and the Placer County Storm Water Management Manual that are in effect at the time of submittal, to the Engineering and Surveying Department for review and approval. The report shall be prepared by a Registered Civil Engineer and shall, at a minimum, include the following: a written text addressing existing conditions, the effects of the improvements, all appropriate calculations, a watershed map, increases in downstream flows, and proposed on- and off-site improvements and drainage easements to accommodate flows from this project. The report shall identify water quality protection features and methods to be used both during construction and for long-term post-construction water quality protection. Best Management Practices (BMPs) shall be provided to reduce erosion and water quality degradation, and to prevent the discharge of*	County Engineering and Surveying Department	Concurrent with submittal of Improvement Plans	

101

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			pollutants to stormwater to the maximum extent practicable.			
		12-1(b)	*Drainage facilities, for purposes of collecting runoff on individual lots, shall be designed in accordance with the requirements of the County Storm Water Management Manual that are in effect at the time of submittal, and shall be in compliance with applicable stormwater quality standards, to the satisfaction of the Engineering and Surveying Department (ESD). These facilities shall be constructed with subdivision improvements and easements provided as required by the ESD. Maintenance of these facilities shall be provided by the Homeowners' Association.*	County Engineering and Surveying Department	Concurrent with submittal of Improvement Plans	
12-2	Construction-related impacts to surface water quality.	*12-2(a)*	*Implement Mitigation Measure 12-1(a).*	See Mitigation Measure 12-1(a)	See Mitigation Measure 12-1(a)	
		12-2(b)	*Water quality 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 Department (ESD).*	County Engineering and Surveying Department HOA	Concurrent with submittal of Improvement Plans and ongoing maintenance by HOA	

107

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		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 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, the following: infiltration trenches (TC-10), water quality vaults, and a water quality treatment pond. Water quality facility construction shall not be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals. *All BMPs shall be maintained as required to ensure effectiveness. The applicant shall provide for the establishment of vegetation, where specified, by means of proper irrigation. Maintenance of these facilities shall*			

108

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			be provided by the project owners/permittees.			
12-3	Operational water quality degradation associated with urban runoff from the project site.	*12-3(a)*	*Implement Mitigation Measures 12-1(a) and 12-2(b).*	See Mitigation Measures 12-1(a) and 12-2(b)	See Mitigation Measures 12-1(a) and 12-2(b)	
		12-3(b)	*This project is located within the area covered by Placer County's municipal stormwater quality permit, pursuant to the National Pollutant Discharge Elimination System (NPDES) Phase II program. Project-related stormwater discharges are subject to all applicable requirements of said permit. BMPs shall be designed to mitigate (minimize, infiltrate, filter, or treat) stormwater runoff in accordance with "Attachment 4" of Placer County's NPDES Municipal Stormwater Permit (State Water Resources Control Board NPDES General Permit No. CAS000004).*	County Engineering and Surveying Department	Concurrent with submittal of Improvement Plans	
		12-3(c)	*All storm drain inlets and catch basins within the project area shall be permanently marked/embossed with prohibitive language such as "No Dumping! Flows to Creek" or other language as approved by the Engineering and Surveying Department and/or graphical icons to discourage illegal dumping. Message details, placement, and*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	

109

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			locations shall be included on the Improvement Plans. ESD-approved signs and prohibitive language and/or graphical icons, which prohibit illegal dumping, shall be posted at public access points along channels and creeks within the project area. The Homeowners' association is responsible for maintaining the legibility of stamped messages and signs.			
12-4	Exposure of people and structures to flood hazards on the project site.	*12-4(a)*	*Implement Mitigation Measure 12-1(a).*	See Mitigation Measure 12-1(a)	See Mitigation Measure 12-1(a)	
		12-4(b)	*Stormwater runoff for Swale A shall be reduced to pre-project conditions through the installation of on-site detention facilities. (On-site stormwater detention is only recommended for the portion of the project that drains into Swale A and not for the project's impacts on runoff within the main stem of Miners Ravine.) Detention facilities shall be designed in accordance with the requirements of the Placer County Storm Water Management Manual that are in effect at the time of submittal, and to the satisfaction of the Engineering and Surveying Department (ESD). No detention facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	

011

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			authorized by project approvals.			
		12-4(c)	*The limits of the future, unmitigated, fully developed, 100-year floodplain (after grading) for Miners Ravine shall be shown on the Improvement Plans and Informational Sheet(s) filed with the Final Map and shall designate the same as a building setback line, unless greater setbacks are required by other project conditions.*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	
		12-4(d)	*Finished house pad elevations shall be shown two feet above the 100-year floodplain line for Lots 5, 6, 7-11, 13, and 14 and finished lift station and chemical building pad elevations shall be shown two feet above the 100-year floodplain line for Lot G on the Improvement Plans and Informational Sheet(s) filed with the Final Map. Pad elevations shall be certified by a California registered civil engineer or licensed land surveyor and submitted to the Engineering and Surveying Department. This certification shall be completed prior to construction of the foundation or at the completion of final grading, whichever comes first. No construction is allowed until this certification has been received by the Engineering and Surveying Department and approved by the Flood Plain Manager.*	County Engineering and Surveying Department	Prior to approval of Improvement Plans	

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			Benchmark elevation and location shall be shown on the Improvement Plans and Informational Sheet(s), to the satisfaction of the Design Review Committee.			
12-5	Potential impacts to important local watershed or important surface resources.	*12-5*	*Implement Mitigation Measures 12-3(a) through 12-3(c).*	See Mitigation Measures 12-3(a) through 12-3(c)	See Mitigation Measures 12-3(a) through 12-3(c)	
13. Public Services and Utilities						
13-1	Adequate water supply and delivery for new residents.	*13-1*	*Prior to approval of Improvement Plans, the project applicant shall receive a water availability letter from SJWD confirming adequate water supply and system service capacity exists to serve the proposed project. The project applicant shall submit water system improvement plans for the review and approval of San Juan Water District (SJWD) and the Placer County Development Review Committee. The project applicant shall fund and construct all necessary water system improvements needed for the project and comply with SJWD requirements and standards. The applicant shall connect the project to this treated domestic water supply. Individual will-serve applications, payment of fees, and charges for each metered connection are required prior to receiving*	SJWD Placer County Development Review Committee	Prior to approval of Improvement Plans	

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			water service to each parcel and prior to building permit issuance for each residence.			
13-2	Adequate wastewater facilities for new residents.	*13-2(a)*	*The project shall include the construction of a new sanitary sewer system to serve the proposed project. The system shall include a new lift station and sanitary sewer pipelines. All sewage conveyance infrastructure to be constructed on site and in the offsite improvement area shall be included on the project Improvement Plans, which are subject to approval by the Engineering and Surveying Department and the Facility Services Department, Environmental Engineering Division.*	County Engineering and Surveying Department Facility Services Department, Environmental Engineering Division	Prior to approval of Improvement Plans	
		13-2(b)	*The project applicant shall provide a Sewer Study and Lift Station Design Report to the Environmental Engineering and Utilities Division for review and approval concurrent with submittal of the project Improvement Plans. This Sewer Study, Lift Station Design Report, and sewer utility plan shall be in general conformance with Placer County standards. The lift station for this project shall be designed and constructed to accommodate the ultimate shed area that it will serve. The developer shall have a Registered Civil Engineer develop a master plan for the shed*	Facility Services Department, Environmental Engineering and Utilities Division Engineering and Surveying Department	Concurrent with submittal of Improvement Plans	

311

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		area to determine ultimate flows and the required size of the lift station. The overflow tank shall be sized at least for the existing average dry weather flows of the specific development but the design shall include easements for additional overflow tanks based on the ultimate flows of the entire shed area. Certain costs associated with the over sizing of the lift station to serve the off-site areas may be eligible for reimbursement. *The sewer utility plan shall depict sewage infrastructure extension to the parcels to the east, Sewer Line "A," between parcels 18 and 19 to the eastern property boundary and to the parcels to the north, Sewer Line "B," to the northern property boundary of Common Lot 'G'. The sewer utility plan shall depict the demolition of the existing Lawrence Drive Lift Station and the plan for collection and transmission, Sewer Line "C," of the existing sewage flow from the facility to the new lift station located in Common Lot G. The Sewer Study shall demonstrate that gravity sewer service has been provided to the maximum number of parcels feasible. The Sewer Study shall describe the average daily wastewater generation from the site and the methodology used to derive the estimates. The sewer utility*			

119

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			plan shall show paved vehicular access to all sewer manholes. The Sewer Study and Lift Station Design Report shall be approved prior to or concurrent with approval of the Improvement Plans.			
		13-2(c)	*The CC&Rs for the proposed Rancho Del Oro subdivision shall include the following provisions:* • *Upon presentation of proper identification, Environmental Engineering and Utilities Division personnel and their representatives shall be provided access to all public sewer infrastructure easements for the purposes of inspection, maintenance, and repair of the sewer facilities.* • *Homeowners shall be prohibited from planting trees or constructing structures or significant landscaping within any sewer easement. Language to this effect shall be included in any easement agreement for easements located onsite or in the offsite improvement area. The requirement shall also be included in the project*	Engineering and Surveying Department	Prior to recordation of Final Map	

511

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		Development Notebook. • *The access entry code for the gate entrance to the project site shall be provided to the Environmental Engineering and Utilities Division for use by their maintenance personnel.* *Notification shall be made to all future property owners within 500 feet of the sewer lift station via CC&Rs and Developer's Notebook, that they may experience some unwanted elements associated with the maintenance of the lift station, i.e. truck traffic, noise, alarms, odors, etc.*			
13-4	Impacts to current schools.	*13-4* *Prior to construction, the project applicant shall participate in the Mutual Benefit Agreement and pay minimum statutory developer fees of $1.15 per square foot to provide revenue for overcrowding and funding shortfalls.*	County Planning Department	Prior to construction	
16. Cumulative Impacts					
16-2	Cumulative loss of biological resources in Placer County and the effects of ongoing urbanization in the	*16-2* *Implement Mitigation Measures 5-1, 5-3(a), 5-3(b), 5-4, 5-5(a), 5-5(b), 5-6(a), 5-6(b), 5-6(c), 5-9(a), 5-9(b), 5-10(a), 5-10(b), and 5-10(c).*	See Mitigation Measures 5-1, 5-3(a), 5-3(b), 5-4, 5-5(a), 5-5(b), 5-6(a), 5-	See Mitigation Measures 5-1, 5-3(a), 5-3(b), 5-4, 5-5(a), 5-5(b), 5-6(a), 5-6(b), 5-	

711

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
	region.		6(b), 5-6(c), 5-9(a), 5-9(b), 5-10(a), 5-10(b), and 5-10(c)	6(c), 5-9(a), 5-9(b), 5-10(a), 5-10(b), and 5-10(c)	
16-5	Cumulative impacts to study area intersections and roadway segments resulting from project implementation.	*16-5(a)* *The project applicant shall be responsible for contributing a fair share of the cost for the necessary improvements to the Douglas Boulevard / Cavitt-Stallman Road intersection (Intersection #6). Necessary improvements shall include the westbound (Douglas Boulevard) approach being re-striped to include an additional through lane. With this mitigation measure, the westbound approach of Douglas Boulevard would include one left-turn lane, two through lanes, and one shared through-right lane. The project applicant shall be responsible for payment of the proposed project's equitable share of improvement costs, in the amount of three percent (3%) of the total costs for the abovementioned improvement to the Douglas Boulevard / Cavitt-Stallman Road intersection.*	County Department of Public Works, Engineering and Surveying Department	Prior to the approval of Improvement Plans	
		16-5(b) *The project shall be subject to the payment of traffic impact fees that are in effect in this area (Granite Bay Benefit District), pursuant to applicable Ordinances and Resolutions.*	County Department of Public Works	Prior to the issuance of any building permits for the project	

119

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact		Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
			The project applicant is notified that the following traffic mitigation fees will be required and shall be paid to the Department of Public Works prior to the issuance of any building permits for the project: • *County Wide Traffic Limitation Zone: Article 15.28.010, Placer County Code;* • *South Placer Regional Transportation Authority (SPRTA); and* • *Placer County / City of Roseville JPA (PC/CR).* *The current total combined estimated fee is $7,734 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.*			
16-6	Cumulative impacts to regional air quality.	*16-6*	*In order to mitigate the project's contribution to long-term emission of pollutants, the applicant shall participate in the Placer County Air Pollution District Offsite Mitigation Program by paying the equivalent amount of money, which is equal to the projects contribution of pollutants (ROG) that*	PCAPCD County Planning Department	Prior to recordation of Final Map	

118

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			exceed the cumulative threshold of 10 pounds per day. The estimated total amount of excessive ROG for this project is approximately 0.26 tons per year. Therefore, the estimated payment for the proposed project is $1,859 based on $14,300 per ton. The actual amount to be paid shall be determined, per current California Air Resource Board guidelines, at the time of recordation of the Final Map. This condition shall be satisfied prior to recordation of a Final Map.			
16-10	Long-term increases in peak stormwater runoff flow and flooding related to the proposed project and in combination with existing and future developments in Placer County.	*16-10(a)*	*The project shall be 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 $224 per single family residence, payable to the Engineering and Surveying Department prior to each building permit issuance. The actual fee shall be that in effect at the time payment occurs.*	County Engineering and Surveying Department	Prior to each building permit issuance	
		16-10(b)	*The project shall be subject to payment of annual drainage improvement and flood control fees pursuant to the "Dry Creek Watershed Interim Drainage Improvement*	Engineering and Surveying Department	Prior to each building permit issuance	

611

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		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 $35 per single family residence.			
16-11	Increase in demand for additional public services and utilities as a result of the proposed project and other projects proposed in the Granite Bay area.	*16-11* *The applicant shall pay their fair share fee per EDU, prior to Improvement Plan approval, toward the cost of the future improvement projects (including design and construction management along with actual construction costs) as identified in the RMC Technical Memorandum Trunk Sewer Hydraulic Analysis (TM 3b) dated October 31, 2006 of the June 2007 South Placer Regional Wastewater and Recycled Water Systems Evaluation (Systems Evaluation). The Environmental Engineering Division will use this money to reduce surcharging within the trunk sewer by replacement, and/or rehabilitation of existing sewer infrastructure. The applicant is notified that the fair share fee per EDU to be approved by the Environmental Engineering Division will be contributed to the cost to construct the recommended improvement projects and such*	Environmental Engineering Division Engineering and Surveying Department	Prior to Improvement Plan approval	

130

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			fee will be required prior to Improvement Plan approval.			
			Initial Study			
II-2	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?	*MM II.1*	*The developer will be required to notify future owners of the County's Right to Farm Ordinance, which discloses the potential effects of residing near ongoing agricultural operations. This statement shall inform lot owners that farm operators have a "right to farm" their lands despite potential nuisance to neighboring residences, including noise, odors, and use of toxic and hazardous materials.*	County Planning Department	Prior to occupancy of project residences	
V-2	Substantially cause adverse change in the significance of a unique archaeological resource pursuant to CEQA Guidelines, Section 15064.5?	*MM V.1*	*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. 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*	County Planning Department County Department of Museums County Coroner NAHC	During any on-site construction activities	

(2)

MITIGATION MONITORING and REPORTING PLAN
RANCHO DEL ORO ESTATES

Impact Number	Impact	Mitigation Measure		Monitoring Agency	Implementation Schedule	Sign-off
			is granted by the Placer County Planning Department. A note to this effect shall 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.			
VII-8	Create any health hazard or potential health hazard?	*MM VII.1*	*The project proponent agrees to abide by a mosquito abatement program with the Mosquito Abatement District. The project will be conditioned to allow the Mosquito Abatement District to review the Improvement Plans. As a condition of this project, drip irrigation will be used for landscaping areas.*	Mosquito Abatement District	Prior to approval of Improvement Plans	
IX-4	Result in the development of incompatible uses and/or the creation of land use conflicts?	*MM-IX.1*	*To mitigate potential impacts to any agricultural uses in the project area, a condition of approval will be included notifying any residents of this development of the County's "Right to Farm" ordinance which allows existing and future agricultural operations to continue where allowed by zoning. Implementation of this mitigation measure will reduce any potential impacts to a less than significant level.*	County Planning Department	Prior to approval of Tentative Map	

e21