



Memorandum

TO: DENNIS CAMPBELL, PROJECT PLANNER
FROM: Jim Bennett, Staff Geologist
SUBJECT: Rockfall Hazards Condition Project Number 3810 04-001 The Meadowood Project;
Date: March 11, 2011

Hi Dennis,

There was a draft "Response to County of San Diego Review Comments for Rockfall" prepared by Geocon, Inc. dated February 20, 2009 (Project No. 06931-42-01). This report is required to be finalized as there are a number of additional boulders that were identified within this report as requiring mitigation and/or monitoring during grading. The "Response to Comments..." that went out for public review was dated September 16, 2008 and is not acceptable for County use. The condition would be updated to reflect the finalized document date.

. GEOLOGIC HAZARDS [DPLU, PCC] [BP, UO [DPLU, FEE]

Intent: In order to mitigate rockfall hazards that threaten a proposed roadway and structures, the boulders located in a hazardous position shall be removed and/or remediated. **Description of requirement:** The boulders identified as having a high potential of rockfall in the Response to County of San Diego Review Comments for Rockfall prepared by Geocon Incorporated dated March XX, 2011 shall be broken and removed from the slope, or alternatively rock bolted to the slope as part of the grading of the site. Boulders identified as having a less than significant rockfall potential shall be tested by applying pressure with an excavator. If the boulders move they shall be mitigated using the same techniques described for boulders with high potential for rockfall. Boulders identified as having a less than significant rockfall potential shall be monitored during grading after any heavy rains if they should occur. If any undermining on the downhill side of any of the boulders has occurred, removal and/or breaking of the boulder(s) as recommended shall be performed to mitigate the rockfall hazard. **Documentation:** A letter of certification shall be provided by a California Registered Professional Engineer or Certified Engineering Geologist to the [DPLU, PCC], which states that the identified rockfall hazards at the site have been mitigated to a level of less than significant and any proposed buildings are safe for human occupancy. **Timing:** The above certification letter shall be provided prior to approval of any building plans and issuance of any building permit. **Monitoring:** The [DPLU, PCC] shall review the rockfall hazard certification report for compliance with this condition.