

APPENDIX N
PENFIELD AND SMITH DRAINAGE REPORT INFORMATION UPDATE (JULY 2010)

MEMORANDUM

TO: Diana White, City of Goleta

FROM: Robert A. Schmidt, P.E.

SUBJECT: Drainage Report, Dated July 23, 2008 Information Update

WORK ORDER: 17636.08

DATE: July 21, 2010

The purpose of this Memo is to summarize how the updates to the current grading and drainage plan dated June 16, 2010 affect the Goleta Marriott Residence Inn Drainage Report, dated July 23, 2008.

The major change from the March 2010 Design Review Board (DRB) comments to the grading and drainage plan is that the building has moved approximately 22 feet +/- to the north. Parking that was on the north side of the building has been relocated to the south side. Grades around the building have been updated to accommodate the move of the building. The finished floor elevation is the same as it was before, keeping the finish floor elevation 2 feet above flood elevation.

This grading update does not change the site drainage. The detention basin and bioswales are still in the same location and are the same sizes. The drainage patterns and drainage areas for the site are still relatively the same as they were before so peak flows for the site will remain close to what they were before. Post- peak runoff will be less than Pre- peak runoff for the latest grading plan. (Tabulation of impervious areas for the current grading and drainage plan dated June 16, 2010 is less than that of the July 23, 2008 drainage report.) The building footprint has been reduced and the parking square footage has also been reduced.

Therefore, the findings of the July 23, 2008 Drainage Report are sufficient for the current grading and drainage plan dated June 16, 2010.



