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We have been asked to determine the location of the bluff edge for a property located at 109 South La Senda Drive, Laguna Beach, CA. The following information has been used in our review of this property and it forms a basis for the determination:

- CCC Staff Report for CDP# 5-99-432, 109 South La Senda Drive, Laguna Beach, Proposed stabilization of a portion of a coastal bluff by installing a rock anchor system consisting of a 288 sq. ft. shotcrete wall with tiebacks.
- Eric Hilde, June 19, 2017. E-mail correspondence to Morris Skenderian; Subject: 109 La Senda Drive; subsequently forwarded to Marlene Alvarado.
- Eric Hilde, June 22, 2017. E-mail correspondence to Morris Skenderian; Subject: 109 La Senda; subsequently forwarded to Marlene Alvarado.
- Hannes Richter, July 5, 2017. E-mail correspondence to Marlene Alvarado; Subject: 109 La Senda.
- GeoSoils, August 11, 2015. Wave Runup and Bluff/Shoreline Erosion Analysis for Remodel Project, 109 S. La Senda Drive, Laguna Beach, Orange County, California.

**Bluff Edge Location**: The provided topography shows that the house occupies the bulk of the inland portion of the lot and the topography contours do not extend beyond the property lines. Two different bluff edge locations have been provided for this property. The applicant has provided plans that show the bluff edge to be close to the 73’ contour. The property and the concerns regarding the location of the bluff edge for this property were reviewed by Dr. Mark Johnsson, and prior to his departure, he provided a verbal opinion that the bluff edge was most closely represented by the +81’ contour line. This bluff edge has been plotted by the applicant’s geotechnical consultant, GeoFirm, and is shown on site plan CCC-1, that is included in the plan set developed by Morris Skenderian. Based on a review of this information and the other referenced material, we are of the opinion that there is no need to revise or modify the bluff edge as identified previously by Dr. Johnsson.

If we can provide further information, please do not hesitate to ask.