

# FLOWERS & ASSOCIATES, INC.

C I V I L E N G I N E E R S

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W.O. 0421

NOVEMBER 12, 2007

~~March 25, 2004~~

RECEIVED  
DEC 21 2007

CITY OF SANTA BARBARA  
PLANNING DIVISION

Mr. Pete Ehlan  
East Beach Ventures  
401 East Haley Street  
Santa Barbara, CA 93101

## Subject: Drainage Evaluation for 210 Meigs Road, Additional Information

Following up on our meeting and discussion of the DART Comments dated October 11, 2007, specifically Section B. Engineering Division, Item 9., which notes that the off-site water was not addressed in the August 24, 2007 Preliminary Drainage Study prepared by our office. We understand that the project is a joint project between the 201 Meigs Road property owner and the School District, and that the off-site water would be addressed with the proposed school improvements. However, we can quantify the approximate volume of water and estimate the size of proposed improvements to handle the drainage.

Referencing our Drainage Evaluation dated March 25, 2004, the off-site drainage for the original project was estimated at 3.0 cfs for the 25 year frequency storm. This value will remain largely unchanged with the currently proposed configuration. Off-site water quantity will remain unchanged with the proposed development and will not require retention. To convey this flow of water will probably require an 18" storm drain. We would anticipate City standard drainage inlets located at the end of Lighthouse Road and additional drainage inlets for the paved area proposed with the school improvements. Drainage will ultimately discharge to Meigs Road, to be conveyed in existing drainage facilities, where this drainage has historically gone.

The final configuration of drainage improvements should be a coordinated effort between the developer and School District once there is an approved project. The proposed school improvements will generate additional flow, if the area of pavement is increased. Whatever the calculated increase is, will have to be retained on-site. Then when the final configuration of the parking and drop off area is complete, a drainage collection and

conveyance system with appropriate retention facilities can be designed to accommodate both the Lighthouse Road and on-site school drainage flows.

Sincerely,  
FLOWERS & ASSOCIATES, INC.

By:  \_\_\_\_\_

Eric L. Flavell, P.E.  
Vice President

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