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September 3, 2014

Andrew Darrow

Development Coordinator

Placer County Flood Control and Water Conservation District

3091 County Center Drive, Suite 220

Auburn, CA 95603

Subject: Newcastle Fire Station, PLN14-00044 (RDG project #13-262)
Responses to 1st Submittal Comments

Dear Mr. Darrow,

We have received your review comments dated July 31, 2014 and propose the following responses:

Hydraulics

1. It appears that both the pre- and post-project hydrology calculations use all of the project's overland and collector flow lengths to determine the peak flow runoff at the project's outfall point. The District recommends that the total response time be calculated only from the most hydraulically remote point of the contributing watershed to the project's outfall point. This total response time should then be used to determine the pre- and post-project peak flow rates for the entire project site.

Response: Arrows have been added to the shed maps to clarify the paths of travel. Various flow paths were shown for comparison purposes to demonstrate which is the critical path. Only the response time for the hydraulically most remote point is used in the calcs, pre- and post-project.

2. Have the applicant confirm that the appropriate n-values are used for all overland and collector flow reaches used in the calculations.

Response: Noted. See attached responses to Caltran's review comments.

3. Further review of the hydrology calculations will occur after the next submittal. At that time, the District will make a determination whether or not stormwater detention mitigation will be recommended for this project.

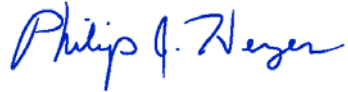
Response: Noted.

“Values from the Past, Experience for the Present, Preparing for the Future”

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Please let us know if you have any additional questions or comments.

Sincerely,
Roseville Design Group, Inc.



Philip J. Herzer, P.E.
Vice President

cc: File Copy