From:	Rob Gordon
To:	dhollis@hdsilm.com
Cc:	Jim Diepenbrock; Genna Porter
Subject:	Eng Review - Barclay West
Date:	Tuesday, March 10, 2015 6:34:53 PM
Attachments:	image002.png

Engineering has reviewed the plans and application packet received Feb 10 and have the following comments:

1. The inlet DA map does not match the new layout. Please revise.
2. Many of the invert and rim elevations listed in the calcs & pipe schedule do not match the profile sheets. Please clarify.
3. The profile legend indicates that the elevation at the bottom of the profile (right side) is the top of curb at that station. Are the spot elevations supposed to be back of curb as well – so the spots for the rim would correspond to the hood elevation? How about the rim in the calcs – is that the flow line? They don't seem to match, but there does not appear to be a consistent difference, for example 0.5'. Please clarify.
4. The pond BUA was changed on the application to 3220135 sf, but only revised storm drain calcs were submitted. The supplement and previously submitted calcs still reference the old impervious figure. This figure was not updated on the pond detail sheet either. Please revise.
5. We will need 50-yr stormdrain analysis. There were two sets of HGL sheets, but the return period was not labeled. Was the second set the 50-yr analysis?
6. The Gallery Park Apartments plans were not resubmitted, so that stormdrain system was not reviewed. Again, my preference is to separate calcs for the apartments and Gallery Park Blvd. But if you would like to leave them combined – that is fine, I just cannot review the apartment calcs until those plans are submitted for final review.
7. Please place City/Engineering approval stamps on the erosion control sheets and update to the current roadway layout.

Please coordinate all the figures and submit one complete set of plans and complete set of sealed calcs for final review. I do not mind slip-sheeting revised forms, but I do not like to receive partial calcs because 1) I do not like to break a sealed set of calcs & 2) it is often very difficult to know which portions of the old calcs are being revised. Please call or email if there are any questions.

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Project Engineer

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