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To: [Kathryn Espinoza \(KEspinoza@mckimcreed.com\)](mailto:KEspinoza@mckimcreed.com)
Cc: [Emily McArthur \(EMcarthur@mckimcreed.com\)](mailto:EMcarthur@mckimcreed.com); [Trent Butler](#); [Brian Chambers](#)
Subject: Eng Review - AQ 4 & 5
Date: Monday, January 28, 2019 5:08:58 PM
Attachments: [image001.png](#)

Engineering has reviewed the plans for Riverlights AQ 4 & 5 and have the following comments:

1. Note - Please provide a revised post development DA map for the file with the boundary lines darkened. It is easy to tell what is hatched and what is not, but the boundary lines of each DA are difficult to tell apart.
2. There is only ribbon curb on Fox Sedge with inverse Crown. Please either add curb to the turnaround(s) or pull the DI's (6-2 & 6-7) back slightly to create a sag. We don't want runoff to flow off the road if it bypasses the inlet.
3. What are the grades of Barnards Landing beyond the clear project area? Our GIS shows it is fairly flat, but is not entirely clear. Does there need to be a vertical curve transition?
4. I see the (survey) monument detail, but I do not see where the monuments are being proposed. Please clarify.
5. There is no pavement schedule provided for the 41' r/w on sht 29 (no C1, J1...).
6. Note - You have a 12" ribbon curb detail, but there is already a standard 12" header curb detail on SD 3-11. Please clarify which is to be used on the pavement schedule.
7. Can the Public Drainage Easement be extended to the edge of the non-municipal easement on the West side of Tackabury Run (Southern half)?
8. Note – Don will be in contact with you about the Laughing Gull/Tackabury and Craddock/Barnards Landing intersections.

We will review the next submittal of TRC plans through protrak. No additional submittal to Engineering is necessary (please email revised DA map). The calcs on file will be considered final unless there is a design change. Thank you.

Robert Gordon, PE
Plan Review Engineer

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