

From: [Rob Gordon](#)
To: [Genna Porter](#)
Subject: FW: Eng review - Rankin Place Apts
Date: Wednesday, June 04, 2014 4:18:09 PM
Attachments: [image003.png](#)

Please upload these comments to protract and the X drive. Thanks.

Robert Gordon, PE
Project Engineer
City of Wilmington/Engineering
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From: Rob Gordon
Sent: Wednesday, June 04, 2014 4:17 PM
To: J. Branch Smith (BrSmith@mckimcreed.com)
Cc: emcarthur@mckimcreed.com; Derek Pielech; Jeff Walton
Subject: Eng review - Rankin Place Apts

Engineering has reviewed the plans for Rankin Place Terrace and have the following comments:

1. Please address the separation to the SHWT issue discussed in the email earlier today.
2. I was not able to find where an O&M document for the PC was submitted. Please provide the document.
3. Baffles will be required in addition to terracing if the subgrade exceeds 0.5%. Please see figure 18-7 of the State BMP manual.
4. Runoff from pervious areas are supposed to be directed away from the surface of the PC. Both lots appear to be receiving pervious runoff, but the lot adjacent to the parking lot appears to be receiving a considerable amount of runoff. Please eliminate or at least minimize the amount of runoff from pervious areas.
5. Signage for the pervious concrete is required. See section 18.3.13 of the State BMP manual.
6. Observation/monitoring wells are required. See section 18.3.10 of the State BMP manual.
7. Please provide a detail for the golf cart access. Will it be pavers or a strip of concrete.
8. Is there a reason why City Standard driveway entrances are not being proposed? If you must construct a driveway entrance for the golf cart access, please adequately sign the drive so it is not used for vehicles other than golf carts.

Please submit revised set of drawings, calcs & forms (if necessary) to Engineering for further review. Please call or email if there are

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