

Engineering has reviewed the plans for the Middleburg Apartment Community project submitted August 29, 2019 and have the following comments:

Stormwater Management Permit Application Form:

- 1) A second application is needed for Middleburg Apartments. A separate permit number will be given, to the apartments, which will reference the modified Riverlights permit SWP2016012R2 as the offsite stormwater system. Note: Appropriate review fee has been submitted for both applications.
- 2) IV. Project Information; Line Item 14: Why is BMP#1 information different from approved permit found on file? Are BUA #s being updated with this project?

Stormwater Calculations:

- 3) Provide 10yr & 50yr pipe calculations with HGL.
- 4) Provide Rip-Rap calculations for new pipe outlet discharging to basin.

Plans:

- 5) Grading Plans: Label Drainage Structures to match Table provided on CG-503.
- 6) Grading Plans: Show Rip-Rap Apron for new pipe outlet.
- 7) Grading Plans: Identify size and type of roof drain piping. Is this piping connected by yard inlets or clean outs? Please clarify.
- 8) Storm Drainage Table (CG-503): There looks to be more structures than are shown within the tables. Please make sure the full tables are shown.
- 9) DA Map: Please forward Phase II DA map showing BMP#s 9, 10, & 11 which are found within the permit application. This will help avoid confusion that Phase II is included with this permit revision.

Please submit revised plan sheets, application, calculations, and any other documentation to Engineering for additional review. Please call or email if there are any questions. Thank you.