

Engineering has reviewed the plans for the **Woodlands at Echo Farms-Tract 3B-Phase I** project submitted October 18, 2017 for TRC review and have the following comments:

1. This project is proposing the construction of on-site newly constructed impervious surface greater than 10,000 sf, therefore the project is subject to full stormwater review. Please submit the Stormwater Management Permit Application Form, a \$1,000 permit application processing fee, one full set of design plans, etc. and include a digital copy of the entire submittal package. Please see the Engineering Plan review Checklist for submittal requirements. Additional comments will be made once the full engineering submittal is reviewed. Please note our review times are approximately 30-45 days right now. Please factor this into your submittal schedule.
2. Provide wetland delineations/determinations.
3. There appears to be an existing curb cut in the Belfairs/McCarley/Appleton roundabout. This offsite drainage needs to be addressed.
4. Coordinate with Bret Russell for the correct pavement markings where Road J connects to the roundabout.
5. Are the 6-foot paths to be pervious or impervious? If impervious, runoff from trails will need to be collected and treated.
6. All SCM's must have an appropriate outfall (See Engineering Plan Review Checklist).
7. Provide inlet drainage area maps and SCM drainage area maps.
8. Will the single family lots be part of a mass grading effort? Lot grading will need to be shown to demonstrate that lot impervious runoff will drain to intended treatment device.
9. Provide road profiles.
10. The City prefers NCDOT roadway details for infrastructure in lieu of city details.

Please call or email if there are any questions. Thank you.