

Engineering has reviewed the plans for the Civil Works Contracting Raleigh Street project submitted May 17, 2017 and have the following comments:

1. The project is proposing to construct more than 10,000 sf of newly constructed impervious surface and is therefore subject to a full stormwater management review. Please submit a stormwater application, a \$1,000 permit processing fee, Supplements, Operation & Maintenance Agreements and any other necessary documentation in addition to the calculations and plans to Engineering. The CoW Engineering Plan Review Checklist is available for reference and can be found at:
<http://www.wilmingtonnc.gov/departments/engineering/plan-review-section/stormwater-permits>
Additional comments will be made once the full engineering submittal is received and reviewed. Please note our review times are approximately 45-60 days right now. Please factor this into your submittal schedule. The project will be logged in for review, but the submittal is currently incomplete. Submittal must be complete before project will be reviewed.
2. An appropriate outfall needs to be provided for each system (r/w, drainage easement or naturalized channel).
3. Please include an overall SCM drainage area map. Please make sure the drainage area is labeled and quantified.
4. The Engineering Approval Stamp must be on all sheets in the plan set. The approval stamp can be found at the link above.
5. Per Section 18-761 of the SW ordinance, the pre-development peak discharge rate shall be computed assuming that all land uses in the drainage area of the proposed facility are in a pre-development state. The city considers pre-development state to be woods in good condition for the purposes of determining runoff coefficients.
6. All impervious surface on the project site must be collected and treated in an SCM. There appear to be proposed impervious areas that bypass any type of proposed treatment system.

Feel free to call or email me if you have any questions since there will be no representation from Engineering present at TRC.