

Engineering has reviewed the plans for the Pine Valley Branch Library project submitted June 14, 2017 for TRC review and have the following comments:

1. The project will require full stormwater management review as the project proposes to construct more than 10,000 square feet of newly constructed impervious area. Please submit one full set of plans, a Stormwater Management Permit Application Form, calculations and a \$1000 review fee to Engineering for review. Please include a digital copy of the entire submittal package. Please note our review times are approximately 30-45 days right now. Please factor this into your submittal schedule. 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>
2. Provide sizes, lengths, inverts and slopes for all proposed pipes on the plans.
3. Show on the plans how the roof and hardscape area runoff will be conveyed to the pond.
4. Provide an inlet drainage area map with each inlet area delineated and labeled.
5. Piped collection systems shall be designed for the 10-year frequency storm event and analyzed for the 50-year frequency storm event to check the system for flooding.
6. City standard details must be the most recent pdf version downloaded from the City's website.
7. Please provide all appropriate details to support stormwater management systems.