

Engineering has reviewed the plans for the Raleigh Street Concrete Plant project submitted July 12, 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 on-site newly constructed impervious area. Please submit a \$1,000 permit processing fee, one full set of plans, a Stormwater Management Permit Application Form, calculations, supplement and O&M 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.
2. Extend proposed driveway flares to the edge of sidewalk per the commercial driveway detail (SD 3-03.3).
3. Driveway pipes are shown under the proposed driveways. Please illustrate the drainage pattern in the right-of-way.
4. All parking facilities containing twenty-five (25) or more spaces or stalls shall be paved with concrete or asphalt material, or with alternative paving material (e.g., concrete pavers, brick, "turfstone" or similar material) determined to exhibit equivalent wear resistance and load bearing characteristics as asphalt or concrete, according to the parking lot standards of the [city's] Technical Standards and Specifications Manual (LDC Sec. 18-529.C.4.e).
5. Provide sizes, lengths, inverts and slopes for all existing and proposed pipes.
6. Provide an inlet drainage area map with each inlet area labelled, delineated and listed.
7. 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.
8. City standard details must be the most recent pdf version downloaded from the City's website.
9. Please provide all appropriate details to support stormwater management systems.
10. Provide a drainage area map for the SCM (labelled, delineated and listed).
11. The project shall control and treat the run-off from the first one and a half (1-1/2) inches of rainfall.
12. The city has determined regardless of density classification or location the minimum control for safety of life and property to be the control of the post-development peak discharge rate of the two (2)-year, ten (10)-year and twenty-five (25)-year storms to not exceed the pre-development peak runoff discharge rate for the same storms.