

Engineering has reviewed the plans for the Counseling Office of Tara Ferguson project submitted October 24, 2018 for TRC review and have the following comments:

1. The project is proposing less than 2,500 sf of newly constructed impervious surface. A stormwater permit will not be required. Please affix the 'No Permit Required' engineering approval stamp to each sheet in the plan set. The approval stamp can be found at:

<http://www.wilmingtonnc.gov/departments/engineering/plan-review-section/stormwater-permits>

2. The site plan is difficult to read. Please consider increasing the scale of the drawing and/or adding additional plan sheets to highlight the different aspects of the project (grading, utilities, landscaping, etc.).
3. The project must be designed by a NC licensed professional.
4. Will this site proposing one or two driveways. Please clarify. Coordinate with NCDOT for driveway location(s) and any permits.
5. Place the city details on a separate sheet and increase the scale of the details. At the current scale they are difficult to read and are not reproducible.
6. Provide a cross-section of the gravel section to support the gravel receiving pervious credit. Provide gravel type. Must be washed stone. Please work with the quarry to determine the most suitable gravel type for this application (drivability, reduce rutting). Provide the square footage of the gravel area.
7. Proposed sidewalk along Oleander must meet longitudinal and cross slope requirements. Please add spot grades along both edges of the sidewalk to demonstrate constructability. Sidewalk must be installed along the entire property frontage.
8. Provide spot grades on the commercial driveway along the edge of pavement, along both sides of the sidewalk and 5-10' inside the sidewalk to show grade transitions.
9. New curb and gutter must be installed where the existing driveway was removed. C&G must match existing.
10. A variance request must be submitted for the new driveway. Technical standards state that all driveways along major thoroughfares shall have a property line offset of 75 feet, measured at the curb line.
11. Please provide a grading/drainage plan that shows the drainage patterns. The proposed development must handle its runoff without negatively impacting adjacent properties. Show location of all roof drains.

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