



**Planning, Development
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DATE: 02.06.2018
TO: ProTrak
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 Traffic Engineering

■ **AAA CAR WASH SOUTH COLLEGE ROAD [TRC Plan Review]**

↻ Initial Review Note ↻

All comments are based on adopted policy documents, specific City of Wilmington Land Development Code (CofW LDC) and City of Wilmington Technical Standards and Specifications Manual (CofWTSSM) requirements in effect at the time of this review. These have been noted after the comment as appropriate for your ease in further research.

The City Engineer may administratively approve dimensional variance requests per LDC Sec. 18-348. If the Applicant feels further interpretation is in order, please contact Transportation Planning directly to discuss in additional detail. Please apply for all administrative variances in writing, an email is acceptable or this may be included on the plan set. Please see Sec. 18-348 of the Land Development Code for the information required to process a variance request.



BASE INFORMATION:

- The site is within 500’ of a Traffic Signal. Revise all sheets to accurately illustrate the existing conditions on and surrounding this parcel. Show all adjacent traffic signs, lane configurations, traffic control devices and pavement markings for the intersection of S College Rd and Bragg Dr. Please refer to the Technical Standards and Specifications Manual (link is below) Ch. VII C.1.a.2. for specific information and distance requirements. Contact Traffic Engineering at 341-7888 if you need assistance locating these elements.

NCDOT:

It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

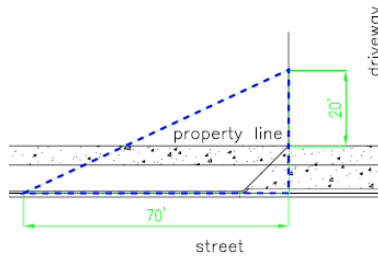
TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. Driveways for lots along major thoroughfares must at least 75’ offset from property lines to the curb line. [Chap VII (C) (2) (c) (2) of CofW Tech Stds]. The site does not meet this condition. A variance may be required.

TECHNICAL STANDARDS – ACCESS (driveway, sidewalk, and sight distance):

2. Show driveways for adjacent lots and lots across the street.
3. Dimension driveway tapers. [Sec.18-529 CofW LDC]
4. Show all adjacent traffic signs and pavement markings on the plan. [Sec. 18-529(b)(2) CofW LDC]

5. Show and apply the City's 20'x70' sight distance triangle at the driveway on the site plan and landscape plan [Sec.18-529(c) (3) CofW LDC].



TECHNICAL STANDARDS – PARKING:

6. The minimum radius is 25' for any portion of a parking lot adjacent to a travel way (i.e. islands at the end of a parking bay) for parking that is open to the public. If the travel way will not be used for emergency service vehicles or truck traffic, you may request a tighter radius, the minimum is 15'. This request must be made in writing (an email message is acceptable). [Chapter VII, Detail SD 15-13 CofWTSSM]
7. Provide a turning movement analysis of a dumpster and a fire vehicle.

TECHNICAL STANDARDS – Barrier Free Design:

8. The sidewalk proposed adjacent to angled parking spaces and north of the car wash building, does not meet ADA requirements. An allowance for a 3' vehicle overhang must be considered. 4' of the sidewalk must remain clear for pedestrian use. [Chapter VII, Detail SD 15-13 CofWTSSM]
9. Provide wheel stops for parking spaces angled to proposed car wash building to allow for car overhang and pedestrian use. [Chapter VII, Detail SD 15-13 CofWTSSM]
10. The ADA ramp shown as 'G' on the site plan is not as per City's detail SD3-07. Please amend.
11. Show the typical handicap sign detail on the plan as per ADA and City standards. [Sheets A1 of 5 and A2 of 5, CofW Sign Specification]

GENERAL NOTES TO ADD TO THE PLAN:

- A. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

REVISIONS TO NOTES ON THE PLAN:

- ❖ Revise the comment 12 in City of Wilmington Plan Notes on site plan sheet drawing 4 as below; 'CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.'

MISCELLANEOUS:

- ❖ Include appropriate City of Wilmington approval stamps prior to submitting final plans.
- ❖ Permitting of business identification signage is a separate process. NCDOT/ City of Wilmington will not allow obstructions within the right of way.

Please let me know if you have any questions or if I can be of further assistance as this development moves through the review process.