



**Planning, Development and Transportation**

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**DATE:** 07.10.2018  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **SOCIAL COFFEE AND SUPPLY COMPANY [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:**

- 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 on the site inventory plan. 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. <https://www.wilmingtonnc.gov/home/showdocument?id=1910>
- Show the existing curb ramp located at outside the south-east corner of the property boundary. Detectable warning mats must be installed to the existing ramp to comply with the ADA standards [Chapter II (E) (6) of CofWTSSM] [CofW SD 3-07, SD 3-09 & SD 11-11].
- When the traffic signs being installed are intended to function as traffic control for a private driveway, it shall not be installed in the public right-of-way (Figure 1.4, Figure 2.1). [Sec 1 A (18) CofW Sign Specification]

**NCDOT:**

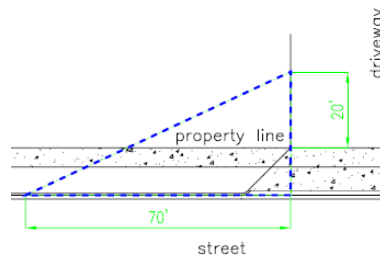
It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

**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. A variance may be required. Please coordinate with City’s Engineering division.

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

2. Proposed driveway shall be City-standard ramp-type. Please maintain it accordingly and show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 CofWTSSM]
3. Dimension driveway widths and tapers. [Sec.18-530 CofW LDC]
4. Provide the driveway profile in conjunction with the proposed sidewalk.
5. Please note that the cross slope of the sidewalk must not exceed 2% at the driveway entrance.
6. 'Do not enter' sign must be installed for both the one-way driveways facing relevant vehicular traffic. The location of one of the signs must be such that it restricts traffic from entering into ingress driveway from the rear parking facility. [MUTCD]
7. The plan show 8' wide area striped north of ingress driveway. 'No parking' sign is recommended to restrict parking in this space.
8. Signage is required at the ingress driveway indicating the restriction on the size of vehicle. It should be installed diagonally just inside the property boundary so that it could be readable from Wrightsville Ave before entering the driveway. The design of the signage must be in accordance with MUTCD standards.
9. Show driveways for adjacent lots and lots across the street.
10. Provide dimension for width of the sidewalks.
11. Provide a sidewalk connection between the site and the public sidewalk.
12. Provide sidewalk detail SD 3-10 on the plan.
13. Provide curbing detail SD 3-11 on the plan.
14. Show and apply the City's 20'x70' sight distance triangle at each driveway on the plan. [Sec.18-529(c)(3)CofW LDC]



15. The monument sign in the south-east corner of the lot must be kept clear of the sight distance triangle.

#### TECHNICAL STANDARDS – PARKING:

16. Dimension parking stall width and radii. [Sec. 18-529(b)(2) CofW LDC]
17. The minimum standard vehicle parking space size is 8.5' in width.
18. 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]
19. Parking area is proposed to be of the existing gravel material. Please note that the handicap parking, accessible aisle and route shall be paved. Show the graphics and legend for the material. [SD 15-10 CofWTSSM]

#### TECHNICAL STANDARDS – Barrier Free Design:

20. Note the required and proposed number of handicapped spaces in the development data. [Sec. 18-529(b)(2) CofW LDC]
21. Please show location of handicap parking sign and provide details on the plan.
22. 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]  
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>

#### GENERAL NOTES TO ADD TO THE PLAN:

- A. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards. [[Detail SD 11-03 and SD 15-13 CofW Tech Stds](#)]
- B. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [[Detail SD 15-13 CofW Tech Stds](#)]
- C. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- D. A utility cut permit is required for each open cut of a City street. Note this on the plan and contact 341-5888 for more details. In certain cases an entire resurfacing of the area being open cut may be required.
- E. Any broken or missing sidewalk panels, driveway panels and curbing will be replaced.
- F. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

**MISCELLANEOUS:**

- ❖ Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.
- ❖ We will reserve comments on the parking lot, driveway geometry and other technical issues until a full construction drawing is submitted.

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.