



**Planning, Development and Transportation**

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**DATE:** 11.06.2018  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **COUNSELING OFFICE OF TARA FERGUSON [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 plan/s 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>
- Please revise to show all the dimensions and other graphics clear and readable.

**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 910-398-9100. Please note additional comments may be forthcoming once coordination occurs.

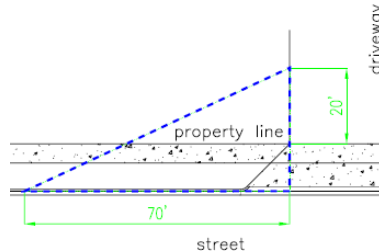
**TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):**

1. Traffic Engineering’s stance on sites that interconnect along a major thoroughfare is that the combined frontage must meet all driveway spacing requirements per the City’s technical standards.
2. Maximum allowed driveways along major thoroughfares is 1/600 feet of continuous frontage plus 1/every 300 additional feet or portion thereof as measured at the property line. [7-13 #b CofW Tech Stds]. A variance may be required if more than one driveway is proposed for this site.

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

3. When the use of any driveway has been permanently discontinued, replace all necessary curbs, gutters, aprons, sidewalks, and appurtenances thereto [Sec. 18-530 CofW LDC]. Please label if an existing driveway is proposed to be abandoned.

4. Dimension driveway widths and tapers. [Sec.18-530 CofW LDC]
5. The minimum two-lane driveway width is 23'. [7-9 CofW Tech Stds]
6. A sidewalk connection between the site and the public sidewalk shall be in accordance with ADA. Please provide the ADA ramp at the building entrance and provide the grades.
7. Provide curbing detail SD 3-11 on the plan.
8. Show and apply the City's 20'x70' sight distance triangle at each driveway on the site plan. [Sec.18-529(c)(3)CofW LDC]



#### TECHNICAL STANDARDS – PARKING:

9. Dimension parking stalls, radii and parking aisles. [Sec. 18-529(b)(2) CofW LDC]
10. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
11. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking. Please dimension. [Chapter VII Table 6 of CofWTSSM]
12. International symbol of Accessibility parking space marking as per fig. 3B-22 of MUTCD.
13. The backing stub is to be 10' deep by 15' wide. Please dimension. [Chapter VII ,Detail SD 15-12 CofWTSSM]
14. Provide a turning movement analysis of an emergency service vehicle for this project.

#### TECHNICAL STANDARDS – Barrier Free Design:

15. 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>
16. Please show location of accessible ramp(s) and parking signs and provide details on the plan.
17. Note the required and proposed number of handicapped spaces in the development data. [Sec. 18-529(b)(2) CofW LDC]
18. Note/label the plan with spot elevations that clearly indicate the accessible route from the HC space(s) to the building. [Sec. 18-529(b)(2) CofW LDC]

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

- A. 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]
- B. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.

#### MISCELLANEOUS:

- ❖ 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.