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**DATE:** 05.09.2018  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
 Traffic Engineering

■ **WILMINGTON PAWVILLE [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.
- If pavement markings on site have weathered to the point they are not in accordance with the MUTCD standard of maintenance, it is developer’s responsibility to maintain it accordingly.

**NCDOT:**

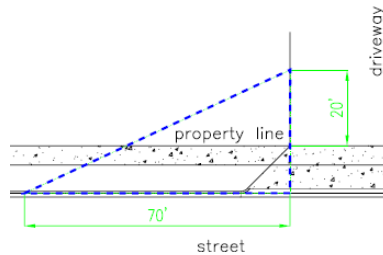
It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

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

1. 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. 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](#)]. A variance may be required.
3. Maximum allowed driveways along major thoroughfares is 1 for 600’ frontage plus 1 every 300’ additional or portion thereof as measured at the property line. [[Chap VII \(C\) \(2\) \(b\) of CofW Tech Stds](#)]. A variance may be required if this site is to utilize both the existing driveways.

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

4. The existing driveway/s shall be City-standard ramp-type. Show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 CofWTSSM]
5. Dimension driveway widths and tapers. [Sec.18-529 CofW LDC]
6. Provide sidewalk detail SD 3-10 on the plan.
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 and landscaping plan. [Sec.18-529(c)(3)CofW LDC]

**TECHNICAL STANDARDS – PARKING:**

9. Dimension parking island radii and existing parking aisles. [Sec. 18-529(b)(2) CofW LDC]
10. 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]
11. Twenty-four feet (24') is the minimum drive aisle width required behind perpendicular parking. This standard is applicable for the proposed as well as existing parking facility [Sec. 18-529(b) (1) CofW LDC].
12. Populate the parking details based on the total parking spaces for the whole site. [Sec. 18-529(b) (1) CofW LDC]
13. The site plan does not show any handicap parking spaces for an existing building onsite. On sites with multiple parking facilities, the minimum number of accessible spaces must be calculated separately for each parking facility. Consider providing handicap space for an existing building [ADA Standards].
14. Please show all the traffic control devices and pavement marking showing the traffic flow 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 revise the number of handicap spaces required based on the total parking spaces for the whole site. [Sec. 18-529(b) (1) CofW LDC]

**GENERAL NOTES TO ADD TO THE PLAN:**

- A. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- B. All parking stall markings and lane arrows within the parking areas shall be white.

**MISCELLANEOUS:**

- ❖ Permitting of business identification signage is a separate process. NCDOT/ City of Wilmington will not allow obstructions within the right of way.
- ❖ 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.