



Planning, Development and Transportation

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DATE: 05.15.2019
TO: ProTrak
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Traffic Engineering

■ **HENDRICK MAZDA OF WILMINGTON [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 relevant 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 full intersection of Market St and N Cardinal Extension Dr 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>

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. This segment of Market St is a major thoroughfare [Chap VII (C) (2) of CofW Tech Stds]. Driveways for lots along major thoroughfares must be at least 75’ offset from property lines measured at the curb line. [Chap VII (C) (2) (c) (2) of CofW Tech Stds]. A variance may be required for this project.
2. Maximum allowed driveways along major thoroughfares is 1 for 600 of frontage plus 1 every 300 feet additional or portion thereof as measured at the property line. [Chap VII (C) (2) (b) of CofW Tech Stds] A variance may be required for this project.
3. Wheelchair ramps shall be installed at the street type driveways, in accordance with ADA/City/NCDOT standards.

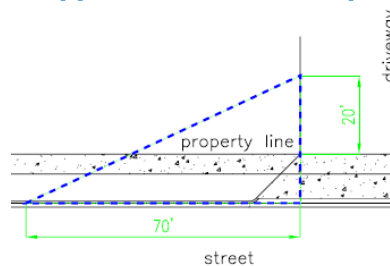
OR

Any ramps at the existing street type driveways, shall be retrofitted with flexible surface-applied detectable warning mats [Chapter II (E) (6) of CofWTSSM] [NCDOT]

4. A stop sign and stop bar shall be installed at the street type driveway abutting western boundary of the property in advance of the potential crosswalk.
5. Traffic regulatory (Do not enter) sign shall be required for one-way driveway aisle/s. [MUTCD]
6. Any of the required signs shall not be installed in the public right-of-way when the signs being installed are intended to function as traffic control for a private driveway (Figure 1.4, Figure 2.1). [Sec 1 A (18) CofW Sign Specification]
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>

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

7. Driveways shall be City-standard ramp-type driveways. Show City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 (Vertical curb) CofWTSSM]. Where no curb exists in the vicinity, a flat slab type or a street type entrance may be allowed or required by the City Engineer. [page 7-9 CofWTSSM]
8. Dimension driveway widths. [Sec.18-530 CofW LDC]
9. The minimum two-lane driveway width is 23'. [7-9 CofW Tech Stds]
10. The maximum two-lane driveway width is 30'. [7-9 CofW Tech Stds]
11. The maximum three-lane driveway width is 36'. [7-9 CofW Tech Stds]
12. A pavement marking plan is required for all driveways greater than 30' in width. [page 7-9 CofWTSSM]
13. City's 20'x70' sight distance triangle is not implemented correctly. Revise to show and apply the City's 20'x70' sight distance triangle at each driveway on the site plan and landscaping plan as per below image. [Sec.18-529(c) (3) CofW LDC] [Sec. 18-812 CofW LDC].



TECHNICAL STANDARDS – PARKING:

14. Please show all the traffic control devices and pavement marking showing the traffic flow for this project.
15. Please verify and revise the angle parking space and aisle dimensions as per [Chapter VII Table 6 of CofWTSSM]. And dimension the angle for the parking space.
16. Dimension the parallel parking.
17. The backing stub is to be minimum 10' deep by 15' wide. Please dimension. [Chapter VII, Detail SD 15-12 CofWTSSM]

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.