



**Planning, Development and Transportation**

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**DATE:** 11.28.2018  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **TAKE 5 OIL CHANGE MARKET ST [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 relevant 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 Market St and Kerr Ave on the existing conditions 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>
- 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.
- ‘Do not enter’ or appropriate signage shall be installed at the end of one-way drive aisles for this project. [MUTCD]

**NCDOT:**

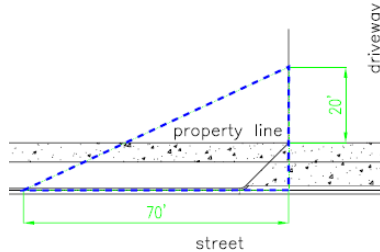
It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910-398-9100. Please note additional comments may be forthcoming once coordination occurs.

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

1. 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.

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

2. Show driveways for adjacent lots and lots across the street.
3. Proposed driveway shall be City-standard ramp-type. Show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 CofWTSSM]
4. Show and apply the City's 20'x70' sight distance triangle at the driveway on the site plan and landscaping plan. [Sec.18-529(c)(3)CofW LDC]



#### TECHNICAL STANDARDS – PARKING:

5. The minimum standard vehicle parking space size is 8.5' in width. This is applicable to the angled parking also. Please revise where applicable.
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. The backing stub is to be 10' deep by 15' wide. Please dimension. [Chapter VII ,Detail SD 15-12 CofWTSSM]
8. Provide a turning movement analysis of the vehicle exiting from oil change bays up to Market St exit.
9. Demonstrate how you would stop the left turning movement just before egress to Market St.

#### TECHNICAL STANDARDS – Barrier Free Design:

10. 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>
11. A depressed curb is shown connected to the accessible aisle. Show the graphics for the warning domes for this curb.

#### NOTES TO BE AMENDED:

- ❖ Note 16. of general notes on Site plan shall be replaced with; 'Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options'.

#### 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.