



**Planning, Development and Transportation**

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**DATE:** 02.27.2019  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **FLOW ACURA [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 Bob King Dr and New Centre 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>
- 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 in accordance.

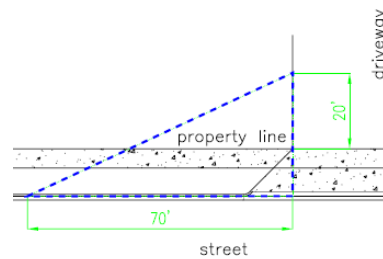
**NCDOT:**

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

1. Show driveways for adjacent lots and lots across the street.
2. Dimension the driveway at the property line.
3. A pavement marking is required for all driveways greater than 30’ in width. [page 7-9 CofWTSSM]
4. Provide sidewalk detail SD 3-10 on the plan. [Sec. 18-529(b)(2) CofW LDC]
5. Provide curbing detail SD 3-11 on the plan. [Sec. 18-529(b)(2) CofW LDC]
6. 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] Add a note indicating that all proposed vegetation

within sight triangles shall not interfere with clear visual sight lines from 30"-10'. [Sec.18-556 CofW LDC] [ Sec. 18-812 CofW LDC]



#### TECHNICAL STANDARDS – PARKING:

7. Please revise to show the existing/revision to the parking spaces to the south of the building accurately on the site plan.
8. Provide additional dimensions to clearly indicate the drive aisle widths at areas where proposed improvements alter the width to the south of the building in subject.
9. Please show all the traffic control devices and pavement marking showing the traffic flow for this project.

#### TECHNICAL STANDARDS – Barrier Free Design:

10. Note any existing/proposed number of handicapped spaces in the development data. [Sec. 18-529(b)(2) CofW LDC]
11. Please show location of handicap parking spaces/aisles, accessible ramp(s), parking signs and accessible route from the handicap space(s) to the building.
12. Replace the typical handicap sign detail with ADA and City standards. [Sheets A1 of 5 and A2 of 5, CofW Sign Specification] <https://www.wilmingtonnc.gov/home/showdocument?id=3940>
13. Detectable warning domes must be installed both the sides of the crosswalks and at the end of each sidewalk before entering drive aisle/pavement surface. Show this at all the applicable locations [City/ADA standards].

#### 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. Any broken or missing sidewalk panels and curbing will be replaced.

#### 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.