



**Planning, Development
and Transportation**
Transportation Planning
305 Chestnut Street
PO Box 1810
Wilmington, NC 28402-1810

DATE: 09.20.2017

TO: ProTrak

FROM: Mitesh Baxi, Traffic Engineering
Bill McDow, Transportation Planning

910 341-3258
910 341-7801 fax
www.wilmingtonnc.gov
Dial 711 TTY/Voice

■ **COASTAL FINANCE OFFICES [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.

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.

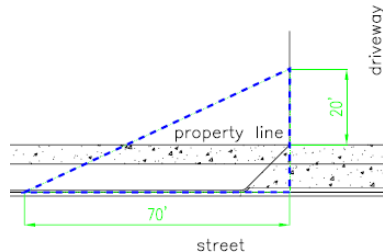
TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. The proposed commercial driveway does not have the standard taper width for a commercial driveway. Please revise to show 13' tapers.
2. Driveways for lots along major thoroughfares must at least 75' offset from property lines to the curb line. A variance may be required for this project.

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

3. Driveways shall be City-standard ramp-type driveways. Show appropriate City standard detail(s) on plan. [[Chapter VII ,Detail SD 3-03.3 & 3-03.4\) CofWTSSM](#)]
4. Dimension driveway widths and tapers. [[Sec.18-529 CofW LDC](#)]
5. The minimum two-lane driveway width is 23'. [[7-9 CofW Tech Stds](#)]

6. The proposed sidewalk along S. Kerr Avenue does not appear to meet the NCDOT Clear Zone Requirements for a 45 mph roadway with greater than 6000 vehicles per day traffic volume. The clear zone requirements will require either vertical separation or a minimum clear zone of 18' to 20'.
7. The site plans do not show the correct City of Wilmington 20'x70' Sight Distance Triangles. 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'. [\[Sec.18-566 CofW LDC\]](#)



TECHNICAL STANDARDS – PARKING:

8. Please dimension the backing stub. [\[Chapter VII ,Detail SD 15-12 CofWTSSM\]](#)
9. Please verify that a Fire Truck can safely enter and exit this site. Provide a turning movement analysis of a Fire Engine at this location.
10. Please verify the parking space dimensions for the proposed parking. The minimum standard vehicle parking space size is 8.5' in width by 18' in length. Some of the parking stalls do not appear to meet the minimum 8.5' width.
11. Although not a requirement, it is requested the Applicant consider adding some bicycle parking. Please add the proposed number to the site data table and graphically indicate on the plans the location of bike parking. [\[Sec.18-528 CofW LDC\]](#)

TECHNICAL STANDARDS – Barrier Free Design:

12. The proposed Accessible Aisle that is adjacent to Van Accessible Parking Spaces does not appear to meet ADA requirements. The Van Accessible Access Aisle should be located on the Right Side of the vehicle. Please revise the location of the Accessible Aisle and Handicap Ramp.

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 341-7888 to discuss street lighting options.
- ❖ Transportation Planning Staff reserves the right to review and comment on any additional plans submitted for this development.

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.