



**Planning, Development
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DATE: 04.11.2018
TO: ProTrak
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Traffic Engineering

■ **ROBERT HIGH 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.



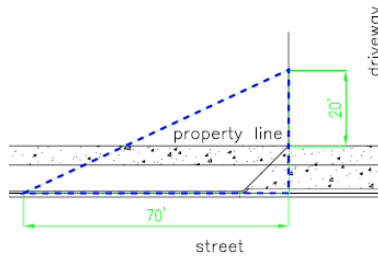
BASE INFORMATION:

- The site is within 250' of a street intersection. 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 for the intersection of Wrightsville Ave and Greenville Ave 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.

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

1. Show driveways for adjacent lots and lots across the street.
2. Proposed driveway shall be City-standard ramp-type. Show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 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]
3. Existing driveways are proposed to be removed. When the use of any driveway has been permanently discontinued, replace all necessary curbs, gutters, aprons, sidewalks, and appurtenances thereto [Sec. 18-530 CofW LDC].
4. Dimension driveway width at the property line and tapers. [Sec.18-529 CofW LDC]
5. Dimension the driveway connecting to the property abutting western boundary.
6. Dimension all the sidewalks in the vicinity of proposed and existing building.
7. Provide sidewalk detail SD 3-10 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 stalls and radii. [Sec. 18-529(b)(2) CofW LDC]
10. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
11. Provide an additional dimension for the small/compact parking spaces.
12. Small/Compact vehicle parking spaces shall be designated by proper signage alerting drivers to the limitation of space size. [Sec. 18-529(c)(4)(b) CofW LDC]
13. 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]
14. A parking stall proposed adjacent to the accessible aisle located to the north of proposed building addition, is in conflict with the accessible parking space and aisle. Please revise accordingly.

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 provide the wheel stops for the parking spaces perpendicular to the sidewalk, where sidewalk does not meet ADA requirements. An allowance for a 2.5' vehicle overhang must be considered. 4' of the sidewalk must remain clear for pedestrian use [Chapter VII, Detail SD 3-07 & SD 15-13 CofWTSSM]
17. Please show location of handicap ramp(s) and signs and provide details on the plan.

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.