



Planning, Development and Transportation

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DATE: 06.05.2018
TO: ProTrak
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Traffic Engineering

■ **NEEDHAM ANIMAL HOSPITAL EXPANSION [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.

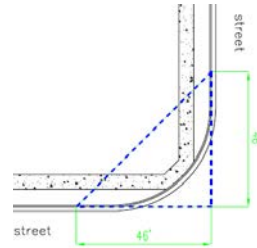
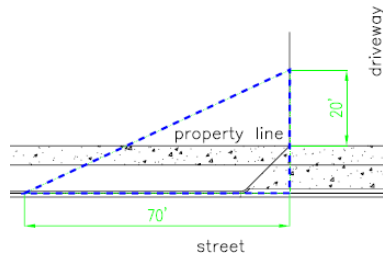


BASE INFORMATION:

- 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.
- If pavement markings on site have weathered to the point they are not in accordance with the MUTCD standard of maintenance, it must be maintained by the developer accordingly.

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

1. Dimension driveway widths and tapers. [[Sec.18-530 CofW LDC](#)]
2. Provide a crosswalk pavement marking connecting the proposed site sidewalk and the public sidewalk. [[Detail SD 11-11 CofW](#)].
3. Provide sidewalk detail SD 3-10 on the plan.
4. Provide curbing detail SD 3-11 on the plan.
5. Show and apply the City’s 20’x70’ sight distance triangle at each driveway and the City’s 46’x46’ sight distance triangle at each street corner intersection on the site plan and landscaping plan. [[Sec.18-529\(c\)\(3\)CofW LDC](#)]



TECHNICAL STANDARDS – PARKING:

- Please verify the accuracy of the location of existing bicycle parking for the south-east parking facility.

TECHNICAL STANDARDS – Barrier Free Design:

- Show the typical handicap sign detail on the plan as per ADA and City standards for all the handicap spaces. [Sheets A1 of 5 and A2 of 5, CofW Sign Specification] <https://www.wilmingtonnc.gov/home/showdocument?id=3940>
- The site plan does not show any handicap parking spaces for south-east parking facility. On sites, with multiple parking facilities, the minimum number of accessible spaces must be calculated separately for each parking facility. Consider providing handicap space for this parking facility [ADA Standards].
- All wheelchair ramps must be installed as per NCDOT and/or City standards. Show the detectable warning mats on the site plan. Include detail [SD 3-07](#), [SD 3-08](#) on the plans.

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.