



Planning, Development and Transportation

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DATE: 05.23.2018
TO: ProTrak
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Traffic Engineering

■ **DOG DIGGITY DAYCARE AND BOARDING [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 developer accordingly.

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. Driveways for lots along major thoroughfares must at least 75' offset from property lines to the curb line. [[Chap VII \(C\) \(2\) \(c\) \(2\) of CofW Tech Stds](#)]

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

2. Driveways shall be City-standard ramp-type driveways. Show City standard detail(s) on plan. [[SD 3-03.3 & 3-03.4 \(Vertical curb\) CofWTSSM](#)].
3. Dimension driveway widths and tapers. [[Sec.18-530 CofW LDC](#)]

TECHNICAL STANDARDS – PARKING:

4. Please modify the shape and radius of the landscape island adjacent to the driveway to protect the full length of the parking stall from turning traffic.
5. Dimension parking stalls, radii and parking aisles. [Sec. 18-529(b)(2) CofW LDC]
6. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
7. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking.
8. Provide bicycle parking in accordance with Section 18-528 of the City of Wilmington Land development Code. Add the number required and proposed to the site development data. [Sec.18-528 CofW LDC]
9. Note the required and existing number of handicapped spaces in the site data. [Sec. 18-529(b)(2) CofW LDC]
10. Provide wheel stops for parking spaces perpendicular to any existing building/retaining walls to allow for car overhang and prevention of cars hitting the wall. [Chapter VII, Detail SD 15-13 CofWTSSM]
11. The proposed 5' sidewalk as proposed where adjacent to 90 degree parking spaces 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]

TECHNICAL STANDARDS – Barrier Free Design:

12. 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>
13. International symbol of Accessibility parking space marking as per fig. 3B-22 of MUTCD.
14. Provide an accessible route from accessible aisle serving parking spaces 20 and 21, connecting to access aisle with the nearest entrance of the building. [ADA Regulations]
15. There is an existing handicap sign shown beside parking space labelled '12' on the site plan. If it is for an accessible parking beside it, please show the full size accessible aisle and pavement marking for parking space and aisle in accordance with ADA standards.

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.