



**Planning, Development and Transportation**

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**DATE:** 07.17.2019  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **CAROLINA GYMNASTICS ACADEMY AUX PARKING [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:**

- Please provide the site plan and existing conditions plan.
- Accurately illustrate the existing conditions on and surrounding this parcel. Show all adjacent traffic signs, lane configurations, traffic control devices and pavement markings on Carolina Beach Rd. 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>

**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.

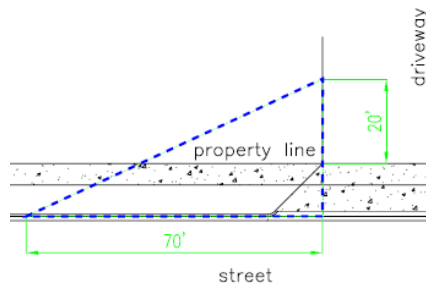
**TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):**

1. This segment of Carolina Beach Rd is a major thoroughfare [Chap VII (C) (2) of CofW Tech Stds]. Driveways for lots along major thoroughfares must be at least 75' offset from property lines measured at the curb line. [Chap VII (C) (2) (c) (2) of CofW Tech Stds]. A variance may be required. Please confirm with City's Engineering division.

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

2. 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]. Please label it accordingly.

3. Show driveways for adjacent lots and lots across the street.
4. 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\]](#).
5. Show proposed driveway centerline elevations at both the front and the back of each concrete driveway apron, at the curb line, property line & points at 26' and 52' behind the property line. [\[Chapter VII, C\(1\)\(a\)\(2\)12 CofWTSSM\]](#)
6. Dimension driveway widths and tapers. [\[Sec.18-530 CofW LDC\]](#)
7. The minimum two-lane driveway width is 23'. [\[7-9 CofW Tech Stds\]](#)
8. The maximum two-lane driveway width is 30'. [\[7-9 CofW Tech Stds\]](#)
9. Show and apply the City's 20'x70' sight distance triangle at the driveway on the site plan and landscaping plan. [\[Sec.18-529\(c\) \(3\) CofW LDC\]](#) [\[Sec. 18-812 CofW LDC\]](#). Add a note indicating that all proposed vegetation within sight triangles shall not interfere with clear visual sight lines from 30"-10'. [\[Sec.18-556 CofW LDC\]](#)



#### TECHNICAL STANDARDS – PARKING:

10. Dimension parking stalls, radii and parking aisles. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
11. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
12. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking. Please dimension. [\[Chapter VII Table 6 of CofWTSSM\]](#)
13. Provide an additional dimensions for angled parking stalls and drive aisle. Also specify the parking angle. [\[Page 7-19 Table 6 of CofW Tech Stds\]](#)

#### GENERAL NOTES TO ADD TO THE PLAN:

- A. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [\[Detail SD 15-13 CofW Tech Stds\]](#)
- B. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.

#### 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.