



**Planning, Development
and Transportation**

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DATE: 10.02.2019

TO: ProTrak

FROM: Mitesh Baxi
Traffic Engineering

■ **17TH STREET MIXED USE [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 relevant 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.
<https://www.wilmingtonnc.gov/home/showdocument?id=1910>
- Show and label all the existing street lights off 17th St in front of the property.
- Include the post development 17th St road improvement for the intersection at Greenfield St.

NCDOT:

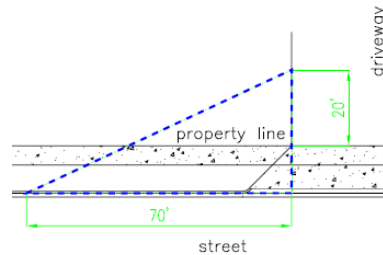
It is the Applicant's responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910-398-9100. Please note additional comments may be forthcoming once coordination occurs.

TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. This segment of 17th St 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] Applicable to both the driveways off 17th St.
2. 'Do not enter' signage shall be installed for 'Right-out only' one-way driveway to restrict the traffic from approaching.
3. Any of the required traffic signs shall not be installed in the public right-of-way when the signs being installed are intended to function as traffic control for a private driveway (Figure 1.4, Figure 2.1). [Sec 1 A (18) CofW Sign Specification]
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>

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

4. There is an existing driveway curb cut off 17th St adjacent to the southern boundary of the property. 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.
5. Show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 CofWTSSM]
6. Dimension the flare width of both the driveways.
7. Dimension the widths of 'Right-out only' driveway. [Sec.18-530 CofW LDC]
8. This section of 17th St is a one-way street. An appropriate signage is recommended at the driveway to restrict the egress traffic from turning left. [MUTCD]
9. Provide curbing detail SD 3-11 on the plan. [Sec. 18-529(b)(2) CofW LDC]
10. Show and label 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] [Sec. 18-812 CofW LDC].

**TECHNICAL STANDARDS – PARKING:**

11. Please show all the traffic control devices and pavement marking showing the traffic flow for the parking facility of this project.
12. Provide a turning movement analysis of the largest vehicle accessing this property.

TECHNICAL STANDARDS – ADA:

13. 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>
14. Note the required and proposed number of handicapped spaces in the development data. [Sec. 18-529(b)(2) CofW LDC]
15. Please show location of accessible ramp(s) and parking signs on the plan.
16. On parallel curb ramps, detectable warning surfaces shall be placed on the turning space at the flush transition. Detectable warning domes must be installed at the end of each parallel or perpendicular curb ramps before entering drive aisle/pavement surface. [City/ADA standards]. At other locations detectable warning domes shall be installed at the back of a curb (Regardless of ramps). Please show the graphics at all the locations like accessible aisles.

AMENDMENTS:

- Replace 'Street signs and location' SD 15-03 sheets with the updated 'Street & Traffic Signs Reference' SD 15-03 from City of Wilmington website.

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.