



Planning, Development and Transportation

Transportation Planning
305 Chestnut Street
PO Box 1810
Wilmington, NC 28402-1810

910 341-3258
910 341-7801 fax
www.wilmingtonnc.gov
Dial 711 TTY/Voice

DATE: 08.14.2019
TO: ProTrak
FROM: Mitesh Baxi
Traffic Engineering

■ **MASONBORO STATION 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.

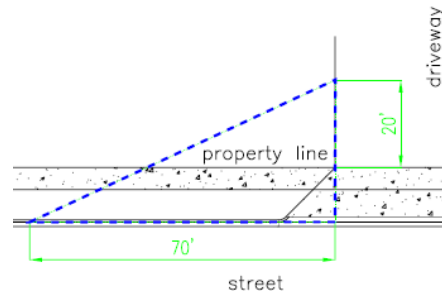


BASE INFORMATION:

- 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 of driveway off Masonboro Loop Rd and Navaho Trail 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>
- If pavement markings on site have weathered to the point they are not in accordance with the MUTCD standard of maintenance, it is developer’s responsibility to maintain it.

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

1. Dimension the width of proposed driveway accessing rear of the property. [Sec.18-530 CofW LDC]
2. The minimum two-lane driveway width is 23’. [7-9 CofW Tech Stds]
3. A stop sign shall be installed at the driveway accessing this property off Masonboro Loop Rd. [MUTCD]
4. Dimension the sidewalks.
5. Show and apply the City’s 20’x70’ sight distance triangle at each driveway, accessing this property, on the site plan and landscaping plan. [Sec.18-529(c) (3) CofW LDC] [Sec. 18-812 CofW LDC].

**ADA STANDARDS:**

6. If the sidewalk is flush with the parking spaces surface, provide wheel stops for the perpendicular parking spaces to allow for car overhang. 4' of the sidewalk must remain clear for pedestrian use [[Chapter VII, Detail SD 3-07 & SD 15-13 CofWTSSM](#)] [[Page 7-20 of CofWTSSM](#)]
7. Please show location of accessible ramp(s) and parking signs on the plan.
8. Note the required and proposed number of handicapped spaces in the development data. [[Sec. 18-529\(b\)\(2\) CofW LDC](#)]
9. Note/label the plan with spot elevations that clearly indicate the accessible route from the HC space(s) to the nearest entrance of the building. [[Sec. 18-529\(b\)\(2\) CofW LDC](#)]

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.