



**Planning, Development
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DATE: 10.23.2019

TO: ProTrak

FROM: Mitesh Baxi
Traffic Engineering

■ **WILMINGTON TREATMENT CENTER [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.
<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 in accordance.

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

1. Stop sign is recommended at the proposed parking facility entrance.
2. Provide sidewalk detail SD 3-10 on the plan. [[Sec. 18-529\(b\)\(2\) CofW LDC](#)]

TECHNICAL STANDARDS – PARKING:

3. Dimension the sidewalk adjacent to proposed perpendicular parking spaces.
4. Dimension the southern additional proposed parking spaces.
5. The backing stub is to be 10' deep by 15' wide. Please dimension. [[Chapter VII ,Detail SD 15-12 CofWTSSM](#)]

TECHNICAL STANDARDS – ADA:

6. Replace typical handicap sign detail on sheet C212 to 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>

7. The sidewalk proposed adjacent to 90 degree parking spaces does not look like meeting ADA requirements. An allowance for a 2.5' vehicle overhang must be considered. 4' of the sidewalk must remain clear for pedestrian use [\[Chapter VII, Detail SD 3-07 & SD 15-13 CofWTSSM\]](#) [\[Page 7-20 of CofWTSSM\]](#). Alternatively provide wheel stops.
8. Note/label the plan with spot elevations that clearly indicate the accessible route from the HC space(s) to the building. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
9. Detectable warning domes must be installed at all the accessible routes before entering drive aisle/pavement surface. This includes accessible aisles also. [\[City/ADA standards\]](#)
10. Any existing wheelchair ramps shall be retrofitted with flexible surface-applied detectable warning mats, if it is not installed already. [\[Chapter II \(E\) \(6\) of CofWTSSM\]](#)

GENERAL NOTES TO ADD TO THE PLAN:

- A. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- B. Traffic Engineering may be contacted regarding the utilities in ROW. But contact 811 prior to contacting City of Wilmington.

NOTES TO BE AMENDED AT ALL THE LOCATIONS AS APPLICABLE:

- Revise note 20 on Sheet number C201 with the change in contact details; '.....Contact 341-5899 for more details.....'
- Replace note 22 on Sheet number C201; 'Traffic Engineering may be contacted regarding the utilities in ROW. But contact 811 prior to contacting City of Wilmington.'

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.