



**Planning, Development
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DATE: 11.17.2017
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Traffic Engineering

■ **INTRACOASTAL INTERNAL MEDICINE [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.

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

1. The driveways in the vicinity of the property, as shown on the site plan, does not match the onsite existing conditions. Please amend.
2. Show appropriate City standard detail(s) for proposed driveway on the site plan. [Chapter VII ,Detail SD 3-03.3 & 3-03.4 CofWTSSM]
3. Provide sidewalk detail SD 3-10 on the plan.
4. Provide curbing detail SD 3-11 on the plan.
5. Show Stop Signs, Yield Signs, Stop Bars, other signs and pavement marking showing the traffic flow for this project.

TECHNICAL STANDARDS – PARKING:

6. All off street parking areas shall be arranged so that ingress and egress is by forward motion of vehicles. [Sec.18-526 CofW LDC]
7. The landscape island to the east of handicap parking row does not meet the standard requirement. Please revise to show an island for the full length of parking space. [SD 15-14 CofWTSSM]
8. Provide the radii for islands at the end of the parking bays. [Sec. 18-529(b)(2) CofW LDC]

9. The minimum turning radius is 25' for any portion of a parking lot adjacent to a travel way (i.e. islands at the end of a parking bay) for parking that is open to the public. If the travel way will not be used for emergency service vehicles or truck traffic, you may request a tighter radius, the minimum is 15'. This request must be made in writing (an email message is acceptable). [[Chapter VII, Detail SD 15-13 CofWTSSM](#)]
10. There are eight parking spaces within the facility with the drive aisle of 18 feet. 24 feet is the minimum drive aisle width required behind perpendicular parking. Please revise.
11. 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 and show the location on the site plan graphically. [[Sec.18-528\(f\) CofW LDC](#)]
12. A dumpster pad is shown at the end parking area in the site plan. If pad is placed in a parking area, design shall be such as to prohibit parking in the immediate vicinity of the container. Please consider relocating the dumpster pad. [[Chapter IX, A, pg. 9-1 of CofWTSSM](#)].

TECHNICAL STANDARDS – Barrier Free Design:

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](#)]

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. All parking stall markings and lane arrows within the parking areas shall be white.

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.

[Bicycle parking:](#)

Each new multifamily, commercial, or office development or major redevelopment requiring twenty-five (25) or more automobile parking spaces shall make provisions for parking a minimum of five (5) bicycles. Each additional one hundred (100) automobile parking spaces above the twenty-five (25) minimum shall require provisions for parking an additional five (5) bicycles up to a bicycle parking system that can accommodate a maximum of twenty (20) bicycles. Bicycle parking facilities shall be provided within two hundred (200) feet of the primary entrance to the facility. In the event of multiple entrances, bicycle-parking facilities shall be dispersed for easy access to the multiple entrances.