



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

**DATE:** 12.04.2017

**TO:** ProTrak

**FROM:** Mitesh Baxi  
Traffic Engineering

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■ **CUSTOM HOME FURNITURE [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.
- If pavement markings of the existing driveway access for the site have weathered to the point they are not in accordance with the MUTCD standard of maintenance, it is developer's responsibility to maintain that.

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

1. Provide sidewalk detail SD 3-10 on the plan.
2. Provide curbing detail SD 3-11 on the plan.
3. There is an existing stub from the discontinued driveway along the eastern 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]

**TECHNICAL STANDARDS – PARKING:**

4. Parking lot must meet requirements of standard details SD 15-12 and 15-13 CofW Tech Stds for parking lots above 25 stalls.
5. Dimension the proposed parking stalls, radii and parking aisles. [Sec. 18-529(b)(2) CofW LDC]
6. Provide an additional dimension for the proposed parking spaces, where length varies due to the landscaping above the northern boundary proposed striping.

7. Please provide a landscape island between the existing angled parking and proposed perpendicular parking. And label the area of that island. Landscape shall be required at the ends of all parking rows [\[SD 15-14 CofW Tech Stds\]](#).
8. Show Stop Signs, Yield Signs, Stop Bars, other signs and pavement marking showing the traffic flow for this project.
9. Provide bicycle parking in accordance with the City of Wilmington Land development Code [\[Sec.18-528 CofW LDC\]](#). Add the number required and proposed to the site development data and graphically indicate on the plans the location of bike parking.

**TECHNICAL STANDARDS – Barrier Free Design:**

10. Please show location of handicap ramp(s) and signs and provide details on the plan.
11. Note the required and proposed number of handicapped spaces in the development data. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
12. Provide the typical handicap sign detail on the plan as per ADA and City standards. [\[Sheets A1 of 5 and A2 of 5, CofW Sign Specification\]](#)
13. The existing handicap parking space located outside the eastern boundary of the existing building, does not have an accessible aisle. An accessible route must be provided connecting to the existing ramp. [\[ADA Regulations\]](#)
14. 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\]](#)

**NOTE TO BE REMOVED:**

- ❖ Please remove the contact person's name from Traffic Note# 7, on sheet C3.

**MISCELLANEOUS:**

- ❖ Include appropriate City of Wilmington approval stamps prior to submitting final plans.

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.