



**Planning, Development and Transportation**

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**DATE:** 05.15.2019  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **HOWARD RV 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:**

- The site is within 250' of a street intersections. Revise existing condition plan to accurately illustrate the existing conditions on and surrounding this parcel. Show all adjacent traffic signs, lane configurations, traffic control devices, pavement markings and ramps for the intersection of Market St and Station Rd 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>

**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 Market 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]. A variance may be required.
2. Site plan incorrectly shows a proposed sidewalk concrete across the street type driveway off Market St. Install wheelchair ramp at the entrance of street type driveway accessing this property, per NCDOT and/or City standards. Connect sidewalk with ramp.

**TECHNICAL STANDARDS – ACCESS (driveway):**

3. ADA ramps shall be installed at the end of proposed sidewalks at the corner of the street type driveway.
4. 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. Driveways shall be City-standard ramp-type driveways. Show City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 (Vertical curb) CofWTSSM]. Where no curb exists in the vicinity, a flat slab type or a street type entrance may be allowed or required by the City Engineer. [page 7-9 CofWTSSM]
6. A pavement marking plan is required for all driveways greater than 30' in width. [page 7-9 CofWTSSM]
7. A stop sign and stop bar shall be installed at the street type driveway in advance of the potential crosswalk.
8. Any of the required 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>
9. Provide sidewalk detail SD 3-10 on the plan. [Sec. 18-529(b)(2) CofW LDC]
10. Provide curbing detail SD 3-11 on the plan. [Sec. 18-529(b)(2) CofW LDC]

**TECHNICAL STANDARDS – PARKING:**

11. Dimension parking stalls. [Sec. 18-529(b)(2) CofW LDC]
12. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
13. A turnaround may be provided at the end of the driveway before control gate [SD 3-05 of COWTSSM]. Confirm with fire department. A parking restriction signage will be required for this turnaround. [MUTCD]

**TECHNICAL STANDARDS – Barrier Free Design:**

14. 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>
15. Please show location of accessible ramp(s) and parking signs.
16. 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]
17. Detectable warning domes must be installed at the end of each sidewalk (regardless of flush or ramp) before entering drive aisle/pavement surface. This is applicable for the sidewalk across the street type driveway, accessible aisle and any applicable locations.

**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.