



**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:** 10.30.2019  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

■ **CROSSROADS INFINITI [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>

**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.

- Install wheelchair ramp at both the corners of proposed street type driveway per NCDOT and/or City standards. Connect sidewalk with ramp.

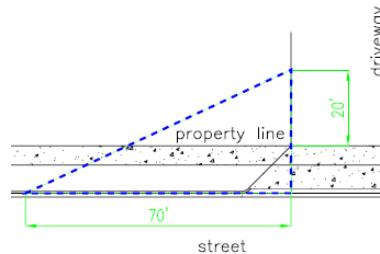
**TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):**

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] Coordinate with Engineering regarding the variance requirement.
2. A stop sign and stop bar is recommended for the street type driveway to be installed outside the Market St ROW and in advance of the potential crosswalk.

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

3. 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.

4. 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]
5. Provide sidewalk detail SD 3-10 on the plan. [Sec. 18-529(b)(2) CofW LDC]
6. Provide curbing detail SD 3-11 on the plan. [Sec. 18-529(b)(2) CofW LDC]
7. Show and apply the City's 20'x70' sight distance triangle at the driveway on the site plan and landscaping plan as per below image. [Sec.18-529(c) (3) CofW LDC] [Sec. 18-812 CofW LDC].



#### TECHNICAL STANDARDS – PARKING:

8. The minimum 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'. [Chapter VII, Detail SD 15-13 CofWTSSM]. Please contact Engineering division for this request.
9. Provide a turning movement analysis of the largest vehicle accessing this property.
10. Traffic regulatory signage is recommended for the one-way drive aisles. [MUTCD]
11. Portions of the proposed development do not appear to be in compliance with the 500'/800' rule pertaining to the maximum length of a private drive/parking lot. [Chapter VII, C (4), pg 7-15 to 7-16 CofWTSSM]. Coordinate with Engineering regarding the variance requirement.

#### TECHNICAL STANDARDS – ADA:

12. 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>
13. The 5' sidewalk as proposed where adjacent to 90 degree parking spaces does not meet 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]
14. Please show location of accessible ramp(s) for handicap spaces.
15. 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]
16. Detectable warning domes must be installed at the end of each sidewalk before entering drive aisle/pavement surface regardless of ramp. [City/ADA standards]. Applicable to accessible aisle ramps.

#### NOTES TO BE AMENDED:

- Note 7. Sheet C-2.0: Revise the note with new contact 341-5899.
- Note 8. Sheet C-2.0: 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.

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.