



**Planning, Development
and Transportation**
Transportation Planning
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DATE: 01.10.2018
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■ **PARKWAY VOLVO [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 500' of a signalized intersection. 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 intersection Market St with N Cardinal Dr. 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.

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. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

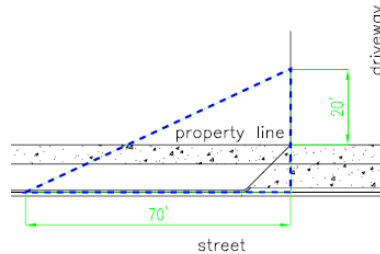
TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. Driveways for lots along major thoroughfares must at least 75' offset from property lines to the curb line. A variance may be required.

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

2. Show driveways for adjacent lots and lots across the street.
3. 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. [\[page 7-9 CofWTSSM\]](#)
4. Dimension driveway widths and tapers. [\[Sec.18-529 CofW LDC\]](#)

5. Few accesses for this site are proposed to be discontinued. Label the driveways to be discontinued. 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]
6. Provide curbing detail SD 3-11 on the plan.
7. Show all adjacent traffic signs and pavement markings on the plan. [Sec. 18-529(b)(2) CofW LDC]
8. Show and apply the City's 20'x70' sight distance triangle at driveway intersecting with Market St. on the site plan. [Sec.18-529(c)(3)CofW LDC] Add a note indicating that all proposed vegetation within sight triangles shall not interfere with clear visual sight lines from 30"-10'. [Sec.18-556 CofW LDC]



TECHNICAL STANDARDS – PARKING:

9. Dimension parking stalls, radii and parking aisles. [Sec. 18-529(b)(2) CofW LDC]
10. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
11. 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'. This request must be made in writing (an email message is acceptable). [Chapter VII, Detail SD 15-13 CofWTSSM]
12. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking.
13. Provide additional dimensions for the drive aisle widths behind angled parking.
14. 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. [Sec.18-528 CofW LDC]

TECHNICAL STANDARDS – Barrier Free Design:

15. 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]
16. Provide an accessible route connecting access aisle to the nearest entrance of the building. [ADA Regulations]
17. 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]

GENERAL NOTES TO ADD TO THE PLAN:

- A. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards. [Detail SD-13 CofW Tech Stds]
- B. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [Detail SD 15-13 CofW Tech Stds]
- C. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- D. All parking stall markings and lane arrows within the parking areas shall be white.
- E. Any broken or missing sidewalk panels and curbing will be replaced.
- F. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

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. [Sec.18-528(f) CofW LDC]