



**Planning, Development
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DATE: 02.13.2018
TO: ProTrak
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Traffic Engineering

■ **PARKWAY AUTOMOTIVE PARKING [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:

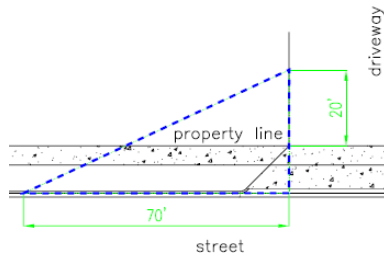
- Revise all sheets to accurately illustrate the existing conditions on and surrounding this parcel. Show all adjacent traffic signs, lane configurations, traffic control devices and pavement markings on the site inventory plan. Please refer to the Technical Standards and Specifications Manual (link 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.

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

1. There are multiple existing driveways on Market St accessing this property. Please label which existing driveways will 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]
2. Label and dimension the width and any tapers of proposed driveway connector to the adjacent property. [Sec.18-529 CofW LDC]
3. The minimum two-lane driveway width is 23'. [7-9 CofW Tech Stds]
4. Show and apply the City's 20'x70' sight distance triangle at the driveway accessing this property, 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:

5. Parking lot must meet requirements of standard details [SD 15-12 and 15-13 CofW Tech Stds](#) for parking lots above 25 stalls.
6. All parking facilities containing twenty-five (25) or more spaces or stalls shall be paved with concrete or asphalt material, or with alternative paving material. [[Sec. 18-529\(c\)\(4\)\(e\) CofW LDC](#)]
7. Dimension parking stalls, radii and parking aisles. [[Sec. 18-529\(b\)\(2\) CofW LDC](#)]
8. The minimum standard vehicle parking space size is 8.5' in width by 18' in length.
9. 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](#)]
10. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking.
11. The backing stub is to be 10' deep by 15' wide. Please dimension. [[Chapter VII, Detail SD 15-12 CofWTSSM](#)]
12. Please show all the traffic control devices and pavement marking showing the traffic flow for this project.

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. 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.