



Planning, Development and Transportation

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DATE: 04.18.2018
TO: ProTrak
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Traffic Engineering

■ **MIKE'Z EXPRESS CARWASH [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 for the intersection of Independence Blv and Carolina Beach Road on the site 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 – DRIVEWAY ACCESS (Major Thoroughfares):

1. Driveways along major thoroughfare Carolina Beach Rd must at least 75' offset from property lines to the curb line. A variance may be required.

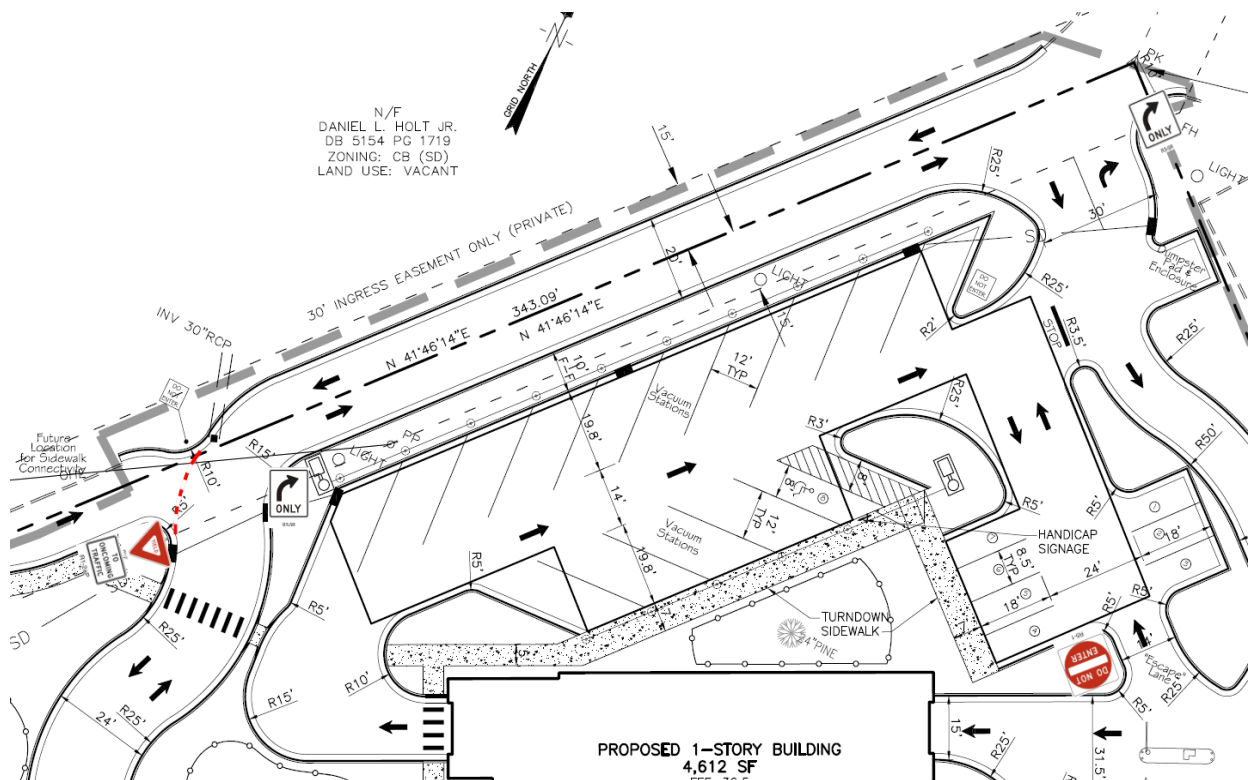
TECHNICAL STANDARDS – ACCESS (driveway, sidewalk, and sight distance):

2. Driveway abutting the northern boundary of the property shall be City-standard ramp-type driveway. Show City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 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]
3. Install the curb ramp at the end of all the sidewalks. [SD 3-07 CofW Tech Stds]

TECHNICAL STANDARDS – SIGNS AND PAVEMENT MARKINGS:

4. Provide a pavement marking for the crosswalk connecting the site and the public sidewalk.
5. Driveway abutting the northern boundary of the property shows 'Right turn' pavement marking arrow. If the intention is to restrict left turn, than install 'Right only' sign (R3-5R) as per [MUTCD](#).
6. Install 'Do Not Enter' sign (R5-1 of [MUTCD](#)) at the end of the parking facility to restrict traffic entering escape lane.
7. Site plan shows a 'Do Not Enter' sign installed west side of the intersection of private easement and connector driveway. An additional signage and pavement markings are required to guide the traffic into the connector driveway. Please show the center line and skip lines accordingly. [[SD 11-01 CofW Tech Stds](#)]
8. Install a 'Right only' sign (R3-5R) at the connector driveway and private easement, in accordance with [MUTCD](#) to restrict the ingress traffic from turning left into the private easement driveway accessing Carolina Beach Rd.
9. Install 'Yield' (R1-2 of [MUTCD](#)) and 'To oncoming traffic' (R1-2aP of [MUTCD](#)) signs to alert vehicles entering the driveway from Carolina Beach Rd. [[SD 11-01 CofW Tech Stds](#)]

Below insert is only for the reference of signage placement.



- B. A utility cut permit is required for each open cut of a City street. Note this on the plan and contact 341-5888 for more details. In certain cases an entire resurfacing of the area being open cut may be required.

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.