



**Development Services**  
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**DATE:** 06.28.2013

**TO:** ProTrak

**FROM:** Bill McDow    Dave Brent  
                   Transportation Planning                                      Traffic Engineering

**■ SPLASH N DASH CARWASH [plan review #1]**

*🌀* 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. Signal Loops on Market St. need to be located and shown on the plan as they are showing a milling/ resurfacing section. 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.
- Indicate lane use on Market Street.

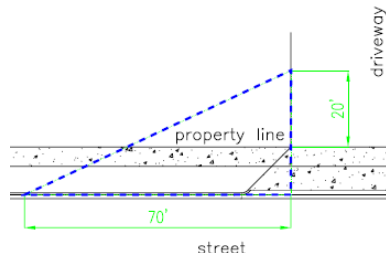
**NCDOT:**

It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. In addition, applicant shall discuss NCDOT Encroachment Details and Traffic Control Plan. Contact Allan Hancock, PE at 910.251.2655. Please note additional comments may be forthcoming once coordination occurs.

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

1. Dimension driveway widths and tapers. [\[Sec.18-529 CofW LDC\]](#)
2. Provide sidewalk detail SD 8-15 on the plan.
3. The stopbar on Market Street at New Centre Drive is incorrect.
4. Show and apply the City’s 20’x70’ sight distance triangle at each driveway on the site plan and landscaping 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.18-566 CofW LDC]



**TECHNICAL STANDARDS – PARKING:**

5. Provide dimensions for proposed and existing parking spaces adjacent to the Bug Prep area and the southeastern part of the site.
6. Lane markings may be required to delineate the correct lanes in the queuing area for the automatic paystations.
7. A 24’ wide drive aisle is wider than necessary with angled parking. A vehicle centered in the angled space with proposed dimensions would indicate a 17’ long parking space as measured along the angle the vehicle would be parked. Shifting the 3’ wide Concrete Canopy Island one foot to the east and extending the 18’ dimension to 19’ would resolve this issue.
8. Wheel stops may be needed to protect the canopy supports. Can the 3’ island be modified to accomplish this? A 2.5’ overhang should be accounted for even with 6” high curb.
9. Please provide a bike rack for employees, as bicycle parking in accordance with Section 18-528 of the City of Wilmington Land development Code, [5 bicycle spaces per first 25 vehicle spaces]. Add the number required and proposed to the site development data and graphically indicate on the plans the location of bike parking. [Sec.18-528 CofW LDC]

**TECHNICAL STANDARDS – Barrier Free Design:**

10. The proposed 5’ sidewalk adjacent to angled parking does not comply with ADA requirements. 4’ of the sidewalk must remain clear for pedestrian use. [Chapter VII, Detail SD 15-13 CofWTSSM]. Widen the sidewalk or install wheel stops. Sidewalk can be widened into the existing area for the parking space if the sidewalk and curb do not exceed 4” in height above the pavement. This will allow vehicle overhang to be used as part of the 18’ parking space length.
11. Please show location of handicap signs on the plan. Provide Handicap ramp and Handicap sign details on the plan.
12. Doors for the Trash Enclosure appear to be encroaching on the Handicap Space. Please revise.

**REVISIONS TO NOTES ON THE PLAN:**

13. Please revise notes #3, 5, and 6 on sheets C2.0, C4.1, C6.1 to reflect the following verbiage:
  - #3: Remove reference to Richie Brown.
  - #5: Remove reference to Tom Platt, and change spelling of ‘an equipment’ to “and equipment”.
  - #6: Revise note to read, “Any missing or broken Sidewalk Panels, Driveway Panels or Curb sections will be replaced.”

**MISCELLANEOUS:**

- ❖ Include appropriate City of Wilmington approval stamps prior to submitting final plans.

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.