



**DATE:** 08.12.2013

**TO:** ProTrak

**FROM:** Bill McDow  
Transportation Planning

Dave Brent  
Traffic Engineering

■ **SPLASH N DASH CARWASH [plan review #2]**

↻ Initial Review Note ↻

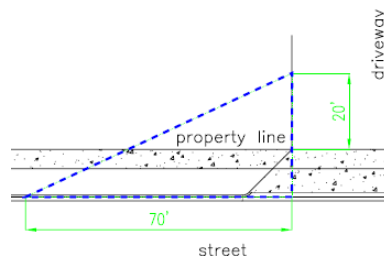
All comments are based on adopted policy documents, specific City of Wilmington Land Development Code (CofW LDC) and City of Wilmington Technical Standards and Specifications Manual (CofWTSSM) requirements in effect at the time of this review. These have been noted after the comment as appropriate for 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.



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

1. Dimension driveway widths and tapers on Market St. [Sec.18-529 CofW LDC]
2. The sight distance triangle should be shown in both directions for the Market St driveway. The 20' offset for the sight distance triangle is measured from the property line. [Sec.18-529(c)(3)CofW LDC]



**TECHNICAL STANDARDS – PARKING:**

3. 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]
4. The canopy supports have been relocated. The wheel stops were requested in the prior comments to protect the canopy supports. The wheel stops at the 3' concrete island are not needed and are making the spaces too short. Minimum parking space length is 18'. This is measured along the parking space front to back at the same angle the parking space is designed. The 18' dimension (all angled spaces) perpendicular to the curb does not meet City Code. This distance needs to be 19' minimum.

5. The 24' wide drive aisle is not necessary for angled parking and can be narrowed to accommodate the proposed angled parking.
6. You may want to consider bollards to protect the canopy supports now that they are shown in the driving surface.
7. Tree landscaping islands should be excavated to a minimum of 36" for the Subgrade.

**TECHNICAL STANDARDS – Barrier Free Design:**

8. Striped access aisle for the Van Accessible parking space should be 96". The Handicap Space can be 8'. Please revise.
9. Revise detail for Handicap Parking sign to MUTCD sign number R7-8 and R7-8P.



R7-8



R7-8P

**REVISIONS TO NOTES ON THE PLAN:**

10. Site Plan notes #11 and #12 appear to be part of the same note. Please revise on sheet C4.1.
11. Remove reference to "Richie Brown" in City of Wilmington Note #3 on sheet 7.1.

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.