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**DATE:** 07.15.2015  
**TO:** ProTrak  
**FROM:** Bill McDow  
Transportation Planning

■ **SMITHFIELD’S BAR-B-Q 17<sup>TH</sup> ST [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:**

- If pavement markings on site have weathered to the point they are not in accordance with the MUTCD standard of maintenance, do not show the markings as existing, rather show them as proposed on the site plan.

**NCDOT:**

It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact Allen Hancock, PE at 910.251.2655. Please note additional comments may be forthcoming once coordination occurs.

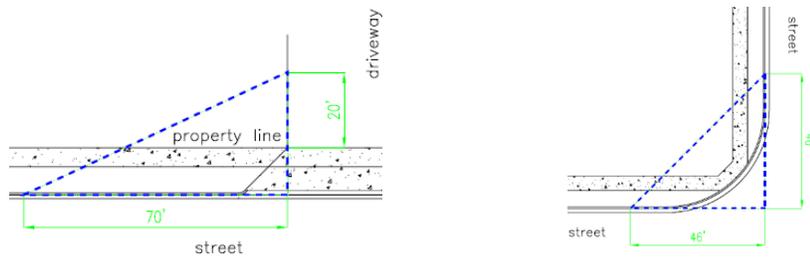
**TECHNICAL STANDARDS – DRIVEWAY ACCESS (Non-Major Thoroughfares):**

1. The first existing driveway on the 60’ access easement is located within 75’ from the edge of pavement for S. 17<sup>th</sup> Street. This driveway may be impacted by review of the Driveway permit.
2. The driveway curb return must be at least 6.5’ from intersecting property lines. [Chapter VII, C, Table 4 CofWTSSM]

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

3. Show driveways for adjacent lots and lots across the street.
4. Driveways shall be City-standard ramp-type driveways. Show appropriate City standard detail(s) on plan. [Chapter VII ,Detail SD 8-02 (curb) CofWTSSM]
5. Dimension driveway widths and tapers. [Sec.18-529 CofW LDC]
6. Provide a sidewalk connection between the site and the public sidewalk (along 17th St and 60’ access easement).
7. Distinguish between proposed and existing sidewalk(s) and provide dimensions.
8. Show all adjacent traffic signs and pavement markings on the plan. [Sec. 18-529(b)(2) CofW LDC]

9. Show any traffic signal facilities and equipment in front of the development. Contact Traffic Engineering at 341-7888 for help in identifying these.
10. Show and apply the City's 20'x70' sight distance triangle at each driveway and the City's 46'x46' sight distance triangle at each street corner intersection 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:

11. Please increase the size of the parking spaces on the Eastern side of the store to 18' in length. The drive aisle is 28', therefore, there is enough space to have standard parking in this area.
12. The parking at the northern side of the store appears to be using small vehicle parking spaces, which have a minimum size of 8' in width by 16' in length. Small vehicle parking spaces must not exceed 25% of the required parking and must be signed alerting drivers to the limited size. [Detail SD 15-13 CofW Tech Stds]
13. 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. [Chapter VII, Detail SD 15-13 CofWTSSM]
14. Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking.
15. The proposed dumpster location appears to be at a constrictive angle to the drive aisle. Please ensure a trash truck can access the dumpsters in their present configuration.
16. The note for bicycle parking is visible on the plans, however, the bike rack symbol for the bike parking is not visible.

#### 17. TECHNICAL STANDARDS – Barrier Free Design:

18. Either provide wheel stops for parking spaces perpendicular to any proposed handicap signs to allow for car overhang and prevention of cars hitting the signs, or move the signs to the rear of the sidewalk. The handicap parking signs appear to be in this overhang area.
19. The 5' sidewalk as proposed where adjacent to 90 degree parking spaces does not appear to meet ADA requirements. An allowance for a 2.5' vehicle overhang must be considered. 4' of the sidewalk must remain clear for pedestrian use. [Chapter VII, Detail SD 15-13 CofWTSSM]
20. Please show location of handicap ramp(s) and signs and provide details on the plan. Ensure the curb cuts are ADA compliant.

#### GENERAL NOTES TO ADD TO THE PLAN:

- A. 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:

- ❖ Permitting of business identification signage is a separate process. NCDOT/ City of Wilmington will not allow obstructions within the right of way.

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.