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DATE: 11.20.2012

TO: ProTrack

FROM: Tara S. Murphy, ASLA/RLA/LEED AP Dave Brent
 Transportation Planning Traffic Engineering

■ **FIAT OF WILMINGTON [TRC 11.20.2012]**

☞ 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.



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.

TRAFFIC IMPACT:

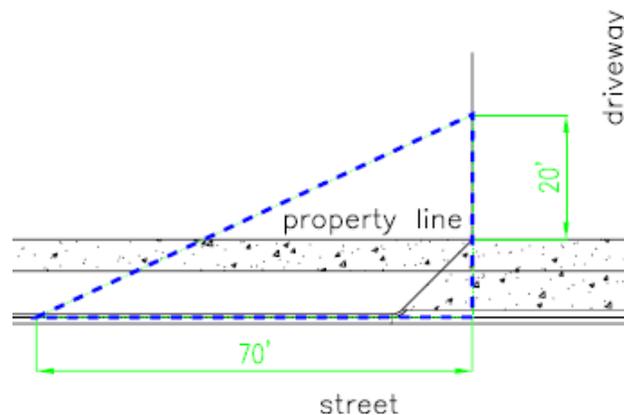
- ❖ Per the Institute of Transportation Engineers (ite) Trip Generation 8th Edition, 2008, Microtrans trip Generation Software; the estimated Trip Generation for the proposed **10,947 sf new car sales** (ite land use code 841) is 46 total driveway volume in the PM peak hours. There is no data available for the total driveway volume in the AM peak hours and the average weekday 2-way driveway volume.
- ❖ A Traffic Impact Analysis (TIA) will not be required for this development if the above information is consistent with the proposed use. Contact Transportation Planning prior to resubmitting plans if the intended use of the site is different than what is outlined above.

NCDOT:

1. It is the Applicant's responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions are required. Contact David Leonard at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

TECHNICAL STANDARDS:

2. Show proposed driveway centerline elevations at both the front and the back of each concrete driveway apron, at the curb line, property line & points at 26' and 52' behind the property line. [\[Chapter VII, C\(1\)\(a\)\(2\)12 CofWTSSM\]](#)
3. Provide thermoplastic pavement markings at all driveways.
4. Please indicate the visitor/customer spaces.
5. Is the sidewalk at the building flush with the asphalt pavement of the adjacent access drives? If so, please indicate proposed method of separating vehicles from pedestrians.
6. Provide a sidewalk connection between the site and the public sidewalk.
7. Distinguish between proposed and existing sidewalk(s) and provide dimensions
8. Provide sidewalk detail SD 8-15 on the plan.
9. Show all adjacent traffic signs and pavement markings on the plan. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
10. Show any traffic signal facilities and equipment in front of the development. Contact Traffic Engineering at 341-7888 for help in identifying these.
11. Show and apply the City's 20'x70' sight distance triangle at each driveway (4 locations off the Private Roads) 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'. [\[Sec.18-566 CofW LDC\]](#)



12. Dimension parking stalls, radii and parking aisles. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
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 (an email message is acceptable). [\[Chapter VII, Detail SD 15-13 CofWTSSM\]](#)
14. Provide bicycle parking in accordance with Section 18-528 of the City of Wilmington Land development Code. Add the number required and proposed to the site development data. [\[Sec.18-528 CofW LDC\]](#)
15. Please show location of handicap signs on the site plan.
16. Note/label the plan with spot elevations that clearly indicate the accessible route from the HC space(s) to the building. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#) Consider providing the accessible route in front of the HC spaces so as to reduce conflict of traveling within the drive aisle.
17. Note the required number of handicapped spaces in the site data on sheet C1. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
18. Wheelstops are to be a maximum height of 4". Please revise the detail on sheet C6.

REVISIONS TO NOTES ON THE PLAN:

19. Please revise notes #9 and 12 on sheet C2 to reflect the following verbiage:

#9: It shall be the responsibility of the subdivider to erect official street name signs at all intersections associated with the subdivision in accordance with the Technical Standards and Specifications Manual. The subdivider may acquire and erect official street name signs or may choose to contract with the city to install the street signs and the subdivider shall pay the cost of such installation. Contact Traffic Engineering at 341-7888 to discuss installation of traffic and street name signs. Proposed street names must be approved prior to installation of street name signs.

#12. Any broken or missing sidewalk panels **and curbing** will be replaced.

GENERAL NOTES TO ADD TO THE PLAN:

- A. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- B. All parking stall markings and lane arrows within the parking areas shall be white.
- C. 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.
- D. Install reflectors per City and NCDOT standards. Traffic Engineering must approve of pavement marking layout prior to actual striping.
- E. A landscaping plan indicating the location of required street trees shall be submitted to the City of Wilmington Traffic Engineering Division and Parks and Recreation Department for review and approval prior to the recording of the final plat. [SD 15-14 CofW Tech Stds]

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.