



Planning, Development and Transportation

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DATE: 06.20.2018
TO: ProTrak
FROM: Mitesh Baxi
Traffic Engineering

■ **DOLLAR GENERAL PINE GROVE [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 Pine Grove Dr and Greenville Loop Rd 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.
<https://www.wilmingtonnc.gov/home/showdocument?id=1910>
- Show the existing horizontal alignment and advisory speed sign outside the NE corner of the property.

TECHNICAL STANDARDS – DRIVEWAY ACCESS (Major Thoroughfares):

1. Considering a severe impact to the traffic in the area, Traffic engineering stance is not to allow ‘left in’ for this driveway. This restriction will be included into the traffic schedule of the City.
2. Install a ‘No left turn’ sign on the opposite side of this driveway, in Pine Grove Drive ROW, in such a way that road user has adequate time to respond. The sign must be facing Pine Grove Dr and Greenville Loop Rd intersection [MUTCD].
3. This segment of Pine Grove Dr is a major thoroughfare [Chap VII (C) (2) of CofW Tech Stds]. Driveways for lots along major thoroughfares must be at least 75’ offset from property lines measured at the curb line. [Chap VII (C) (2) (c) (2) of CofW Tech Stds]. Please verify and label this distance. A variance may be required.

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

4. Dimension driveway flare. [Sec.18-530 CofW LDC]

5. Provide a sidewalk connection between the site and the public sidewalk. Show the crosswalk pavement markings where it is applicable.
6. Show the sidewalk connection at the driveway entrance or align the sidewalk by constructing it outside the property boundary.
7. Stop bar shown at the driveway is in conflict with the pedestrian sidewalk. Please revise.

TECHNICAL STANDARDS – PARKING:

8. Plan shows landscaping shall be required at the ends of all parking rows. [\[SD 15-14 CofWTSSM\]](#). This is in concern to the parking row adjacent to delivery pad. Please revise.
9. An accessible aisle is marked adjacent to concrete delivery pad. If that is required for delivery truck maneuvering, 'No Parking' or restricted parking sign must be installed at that location.
10. Dimension the depth of the backing curb.
11. Show the pavement markings for front and rear of parallel parking spaces.

TECHNICAL STANDARDS – Barrier Free Design:

12. Plan shows a handicap ramp proposed at the driveway entrance. Show the accessible route to the nearest entrance of the building. This may be considered as sidewalk connection between the site and the public sidewalk.
13. Please show location of accessible parking signs.
14. Note the required and proposed number of handicapped spaces in the development data. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)

GENERAL NOTES TO ADD TO THE PLAN:

- A. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards. [\[Detail SD 11-03 and SD 15-13 CofW Tech Stds\]](#)
- B. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [\[Detail SD 15-13 CofW Tech Stds\]](#)
- C. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- D. 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.
- E. Any broken or missing sidewalk panels and curbing will be replaced.
- F. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

MISCELLANEOUS:

- ❖ Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.
- ❖ We will reserve comments on the parking lot, driveway geometry and other technical issues until a full construction drawing is submitted.
- ❖ 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.