



Planning, Development and Transportation

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DATE: 07.25.2018
TO: ProTrak
FROM: Mitesh Baxi
Traffic Engineering

■ **KIDDIE ACADEMY [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.

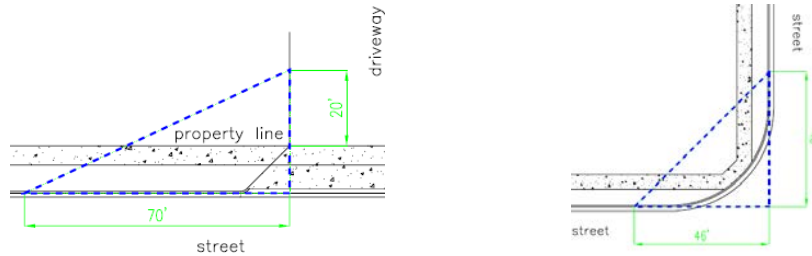


BASE INFORMATION:

- 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 intersections of Canterwood Dr/Physicians and Canterwood Dr/Glen Meade Rd 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.
<https://www.wilmingtonnc.gov/home/showdocument?id=1910>
- There is an existing wheel chair ramp at the street intersection of Canterwood Dr and Physicians Dr, abutting this property. Detectable warning mats must be installed to the existing ramps to comply with the ADA standards [Chapter II (E) (6) of CofWTSSM] [CofW SD 3-07, SD 3-09]. Please label accordingly.

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

1. Proposed driveway shall be City-standard ramp-type. Show appropriate City standard detail(s) on plan. [SD 3-03.3 & 3-03.4 CofWTSSM]
2. Dimension driveway tapers. [Sec.18-530 CofW LDC]
3. The minimum one-way driveway is 13'. Please revise. [Table 3 of CofWTSSM]
4. Provide sidewalk detail SD 3-10 on the plan.
5. Provide curbing detail SD 3-11 on the plan.
6. The City's 20'x70' sight distance triangles are not implemented appropriately. Please revise for both the driveways. Show the City's 46'x46' sight distance triangle 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.18-556 CofW LDC]



TECHNICAL STANDARDS – PARKING:

7. 'Do not enter' signage should be installed for on-way driveway, in such a way that it is visible to vehicle approaching from two-way drive and drive aisle. Preferably around drop-off area. [MUTCD]
8. International symbol of Accessibility parking space marking is required as per fig. 3B-22 of MUTCD.

TECHNICAL STANDARDS – Barrier Free Design:

9. Show the typical handicap sign detail on the plan as per ADA and City standards. [Sheets A1 of 5 and A2 of 5, CofW Sign Specification] <https://www.wilmingtonnc.gov/home/showdocument?id=3940>
10. Please show accessible ramp and parking sign.

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.
- B. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

MISCELLANEOUS:

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

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.