



**Planning, Development
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DATE: 10.25.2017
TO: ProTrak
FROM: Bill McDow
 Transportation Planning

■ CITY OF WILMINGTON POLICE FIRE TRAINING CENTER [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.

TRAFFIC IMPACT:

- ❖ Please submit estimated trip generation numbers for the site. The trip generation can follow this format: Per the Institute of Transportation Engineers (ite) Trip Generation 9th Edition, 2012, Microtrans trip Generation Software; the estimated Trip Generation for the proposed **LIST PROPOSED USE + INTENSITY** (ite land use code xxx) is xx total driveway volume in the AM peak hours, xx total driveway volume in the PM peak hours and xx average weekday 2-way driveway volume.
- ❖ If the site generates 100 trips in the AM peak or PM peak hour, a Traffic Impact Analysis (TIA) may be required for this development.

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

1. The driveway curb return must be at least 6.5’ from intersecting property lines. Please dimension offset from the property line. [Chapter VII, C, Table 4 CofWTSSM]

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

2. The maximum two-lane driveway width is 30’. [7-9 CofW Tech Stds]
3. Provide sidewalk for the 28 parking space area on the eastern side of the building.
4. The concept plan discussed outdoor exercise areas for Police Dogs. Please show this area on the plan.
5. The landscape plan shows vegetation and street trees with the 20’x70’ sight distance triangle at the site driveway. [Sec.18-529(c)(3)CofW LDC] Please ensure 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:

6. The site has proposed gravel parking spaces, however, gravel parking is not allowed for parking lots with greater than 25 parking spaces. If the proposed spaces are designed to be pervious concrete parking, please revise the parking spaces and details for this project.

7. The site plans show “Fire Lane Markings” within many areas for the site. Parking is typically not permitted in vehicle travel lanes, so these markings may be redundant. Please verify the need for Fire Lane markings with City Fire Marshall.

TECHNICAL STANDARDS – Barrier Free Design:

8. Please increase the proposed 6’ sidewalk, where adjacent to 90 degree parking spaces, to make the sidewalk 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](#)]
9. The rear plaza area has handicap parking spaces and sidewalk present. 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](#)]

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. 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.

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.