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**DATE:** 10.23.2017  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
 Traffic Engineering

■ **CITY OF WILMINGTON POLICE FIRE & CITY TRAINING FACILITY [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.

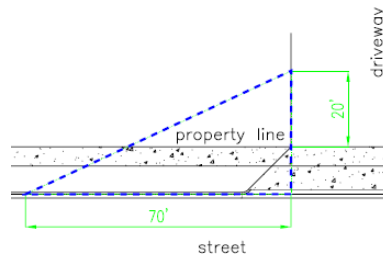


**BASE INFORMATION:**

- 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.

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

1. Driveways shall be City-standard ramp-type driveways. Show appropriate City standard detail(s) on plan. [[SD 3-03.1 & 3-03.2 CofWTSSM](#)]
2. Show and apply the City's 20'x70' sight distance triangle at each driveway 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:**

3. All off street parking areas shall be arranged so that ingress and egress is by forward motion of vehicles. [[Sec.18-526 CofW LDC](#)]
4. 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](#)]
5. Show Stop Signs, Yield Signs, Stop Bars, and other signs for this project.
6. Portions of the proposed development do not appear to be in compliance with the 500'/800' rule pertaining to the maximum length of a private drive/parking lot. [[Chapter VII , C \(4\), pg 7-15 to 7-16 CofWTSSM](#)]

**TECHNICAL STANDARDS – Barrier Free Design:**

7. The 6' sidewalk as proposed adjacent to perpendicular parking spaces, does not 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](#)]
8. Provide wheel stops for perpendicular parking spaces to the sidewalk, to allow for car overhang and prevention of cars hitting the pedestrians if the sidewalk width is to remain as 6'.
9. Please show the accessible ramp(s) for the accessible parking on the plan.
10. The handicap symbol for the accessible parking spaces does not meet the standard requirements. [SD 15-12 CofWTSSM](#).

**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:**

- ❖ 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.