

**DATE:** 10.05.2018

**TO:** ProTrak

**FROM:** Mitesh Baxi  
Traffic Engineering

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**EVOLVE OFFICE RENOVATION [TRC Plan Review #2]**

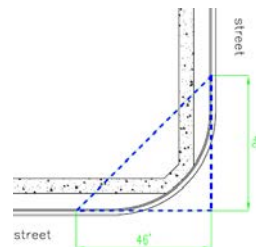
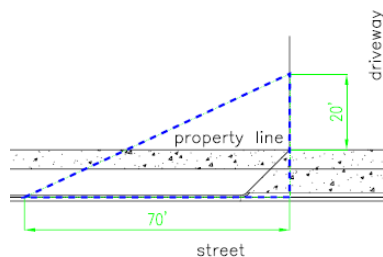
**BASE INFORMATION:**

- Revise the plan/s 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 of Eastwood Rd and Burke Ave 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>

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

- Dimension the sidewalk on Burke Ave on the plan.
- Preliminary plan shows proposed crosswalk on Burke Ave. Please show the accessible route leading to the closest entrance of the building [ADA standards].
- A ramp shall be installed towards the west of Burke Ave (site side) to facilitate connection with the accessible route internally [ADA standards]. Provide the spot elevation for the ramp.
- A warning sign for the pedestrian shall be required for the crosswalk on Burke Ave [MUTCD]. Show and label the sign on the plan.
- Show and apply the City's 20'x70' sight distance triangle at each driveway and the City's 46'x46' sight distance triangle at street corner intersection (development side) on the 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'.



**TECHNICAL STANDARDS – PARKING:**

- Twenty-four feet (24') is the minimum drive aisle width behind perpendicular parking. Please dimension the drive aisle behind the handicap parking spaces. [Chapter VII Table 6 of CofWTSSM]
- Show the number of existing accessible parking spaces separately in the Site data.

**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.

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.