



Planning, Development and Transportation

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DATE: 06.07.2018
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■ **HURST HAMILTON PARKING LOTS [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.

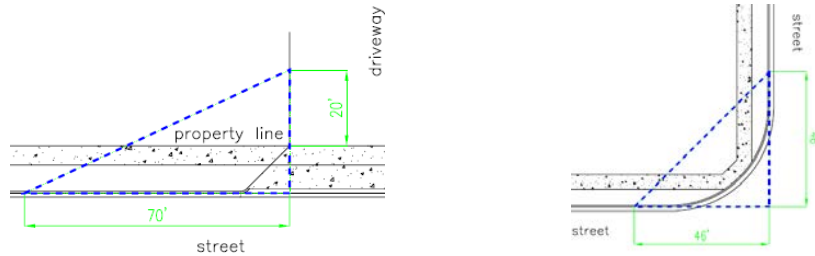


BASE INFORMATION:

- The site is within 250’ of a street intersections. 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 of N Macmillan Ave and S College 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.
- Also show the existing pavement markings street signage, handicap ramp details for Hamilton Dr with Macmillan Ave and Hurst Dr.

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

1. Driveways shall be City-standard ramp-type driveways. Show City standard detail(s) on plan. [\[SD 3-03.3 & 3-03.4 \(Vertical curb\) CofWTSSM\]](#). Where no curb exists in the vicinity, a flat slab type or a street type entrance may be allowed or required by the City Engineer. [\[page 7-9 CofWTSSM\]](#)
2. Provide sidewalk detail SD 3-10 on the plan.
3. Provide curbing detail SD 3-11 on the plan.
4. Site plan shows incorrect sight distance triangle for driveways. Show and apply the City’s 20’x70’ sight distance triangle at each driveway and the City’s 46’x46’ sight distance triangle at each street corner intersection on the site plan and landscaping plan. [\[Sec.18-529\(c\) \(3\) CofW LDC\]](#). Refer the below image.



TECHNICAL STANDARDS – PARKING:

5. 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]
6. International symbol of Accessibility parking space marking as per fig. 3B-22 of MUTCD.
7. *Recommendation:* Some of the proposed lighting poles in parking facility are within the 2.5' vehicle overhang. Consider providing wheel stops for these parking spaces or relocate the poles.
8. 4" is the typical height of wheel stops provided within the parking facility. Please revise the wheel stop details accordingly. [Page 7-20 of CofWTSSM]

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]. And also revise these signs on the pavement marking and signage plan sheet C-12.
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>
10. Note the required and proposed number of handicapped spaces in the development data. [Sec. 18-529(b)(2) CofW LDC]

NOTES TO BE AMENDED:

- ❖ Note 16 of sheet no. C-2 must be amended as per below;
- ❖ Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options'.

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.