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DATE: 01.08.2014
TO: ProTrak
FROM: Bill McDow
 Transportation Planning

■ WILMINGTON HOMEBREW SUPPLY [Initial plan review]

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.

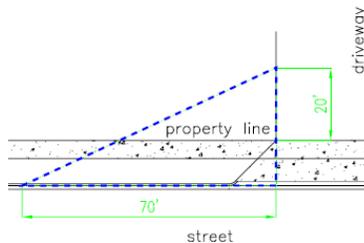
The City Engineer may administratively approve dimensional variance requests per LDC Sec. 18-348. If the Applicant feels further interpretation is in order, please contact Transportation Planning directly to discuss in additional detail. Please apply for all administrative variances in writing, an email 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.

NCDOT:

It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact Allen Hancock, PE at 910.251.2655. Please note additional comments may be forthcoming once coordination occurs.

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

1. Driveways for lots along major thoroughfares must have at least 75’ offset from property lines to the curb line.
2. Show driveways for adjacent lots and lots across the street.
3. Driveways shall be City-standard ramp-type driveways. Show appropriate City standard detail(s) on plan. [Chapter VII ,Detail SD 8-02 (curb) CofWTSSM]
4. Dimension driveway widths and tapers. [Sec.18-529 CofW LDC]
5. Provide a sidewalk connection between the site and the public sidewalk.
6. Provide sidewalk detail SD 8-15 on the plan.
7. 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.18-566 CofW LDC]



TECHNICAL STANDARDS – PARKING:

8. The minimum standard vehicle parking space size is 8.5’ in width by 18’ in length.
9. 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. [\[Chapter VII, Detail SD 15-13 CofWTSSM\]](#)

10. The parking lot must meet requirements of standard details SD 15-13 and 15-10 for parking lots under 25 stalls. Provide a continuous perimeter border and 6" gravel surface. [\[SD 15-11 CofW Tech Stds\]](#)
11. Thank you for the turning movement analysis of a Delivery vehicle at the loading dock. Please clarify whether the largest proposed delivery vehicle is WB-40 or WB-50 sized truck. WB-40 has been verified with Autoturns software by Traffic Engineering, however, WB-50 has not.
12. For the wheel stops in the parking spaces perpendicular to any proposed retaining walls, (or fences) please allow a minimum 2.5' clearance (from the end of the space)to allow for car overhang and prevention of cars hitting the wall.
13. Although not a requirement, it is requested the Applicant consider adding some bicycle parking. If the bicycle parking is installed, please add the proposed number to the site data table and graphically indicate on the plans the location of bike parking. [\[Sec.18-528 CofW LDC\]](#)

TECHNICAL STANDARDS – Barrier Free Design:

14. A public sidewalk is typically required for developments along major thoroughfares. Please verify this requirement with the planner for this project.
15. Please show location of handicap ramp(s) and signs and provide details on the plan.
16. Note the required and proposed number of handicapped spaces in the site development data. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)

GENERAL NOTES TO ADD TO THE PLAN:

- A. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [\[Detail SD 15-13 CofW Tech Stds\]](#)
- B. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- C. All parking stall markings and lane arrows within the parking areas shall be white.
- 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, driveway panels and curbing will be replaced.
- F. A landscaping plan indicating the location of required street trees shall be submitted to the City of Wilmington Traffic Engineering Division and Parks and Recreation Department for review and approval prior to the recording of the final plat. [\[SD 15-14 CofW Tech Stds\]](#)
- G. Contact Traffic Engineering at 341-7888 forty-eight hrs. prior to 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 341-7888 to discuss street lighting options.
- ❖ Transportation Planning Staff will review the landscape plan once submitted for compliance with sight distance requirements.
- ❖ Include appropriate City of Wilmington approval stamps prior to submitting final plans.

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.