



Planning, Development and Transportation

Transportation Planning

305 Chestnut Street

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Wilmington, NC 28402-1810

DATE: 01.02.2018
TO: ProTrak
FROM: Bill McDow
Transportation Planning

■ **CORNING CREDIT UNION SOUTH 17TH STREET [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:

- ❖ A Traffic Impact Analysis (TIA) will not be required for this development.

TECHNICAL STANDARDS – NEW ROADS:

1. Install wheelchair ramp at corner of Federal Park Drive and the site driveways, per NCDOT and/or City standards. Connect sidewalk with ramp.

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

2. Dimension driveway widths and tapers. The minimum taper for a commercial driveway is 13'. [\[Sec.18-529 CofW LDC\]](#)
3. The proposed driveway beside the dumpster is too close to the corner of the 50' private access easement. The driveway also appears to be in conflict with the driveway across the street and raised crosswalk. Please relocate this driveway or combine it with the one way driveway for the main building. [\[7-11 CofW Tech Stds\]](#)
4. Provide a detail for the proposed raised crosswalk and sidewalk connection shown on the site plan.

5. Distinguish between proposed and existing sidewalk(s) and provide dimensions.
6. Please revise the proposed wheel stop detail shown sheet C-500 of this plan. The city standard for wheel stops has a height that is 4" height.

TECHNICAL STANDARDS – PARKING:

7. Please revise the proposed angled parking spaces to meet the requirements of Table 6, Parking Stall Dimensions. [[Chapter 7, Table 6, pg. 7-19 CofW Tech Stds](#)]
8. The site has to show that Fire and Rescue vehicles can operate on the proposed drive aisles. Provide auto turns movements for Fire Engine, Trash Truck, and WB-50 vehicles on this site.
9. The landscaping plan does not match the site plan. Please modify the landscape plan to show the driveway that is closed on the 50' Private Access Easement, the raised cross walk, the proper configuration of the dumpster pad and correct location of sidewalk.
10. The landscape plan must have the required sight distance triangles shown on the plan. The plan will be reviewed for sight distance clearance after the sight distance triangles are added to the plan.
11. It is unclear if this site will accommodate a standard drive thru and teller window(s). Please show the location of the customer window/ drive through window for the site.

TECHNICAL STANDARDS – Barrier Free Design:

12. The 5' sidewalk as proposed in the employee parking lot does not appear to have curb ramps for wheel chair access. Please revise the curb ramps.
13. Please show location of handicap ramp(s) and provide details on the plan.

GENERAL NOTES TO ADD TO THE PLAN:

- A. Install reflectors per City and NCDOT standards. Traffic Engineering must approve of pavement marking layout prior to actual striping.

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.