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DATE: 03.13.13

TO: ProTrack

FROM: Bill McDow
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Dave Brent
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■ **McDonalds: Carolina Beach Road [Plan review#2]**

☞ 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. Some of these have been referenced after the comment 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 / Intersection Comments:

- ❖ It is the Applicant’s responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Please contact Allan Hancock at 910.251.2655.
- ❖ Provide a detail showing the transition section of curb between NCDOT 30” curb & gutter and the on-site 24” curb & gutter.
- ❖ The plan shows a conflict between the NCDOT US 117 sign and the 5’ sidewalk, please resolve and note on plan.

TECHNICAL STANDARDS:

1. Site Note 15a on sheet C-3 should indicate “white” thermoplastic.
2. Site Note 16 on sheet C-3 should indicate a 6” wide “white” stripe. Yellow is used to separate direction of travel. Traffic adjacent to the drive thru lane will be traveling in the same direction as the drive thru.
3. The driveway on Carolina Beach Rd requires a Stop Sign and Stop bar pavement markings per MUTCD Standards. Provide detail on plan sheet.
4. Site Note 48 on sheet C-3 was revised to indicate street light removal. Please delete this sentence and add that the contractor shall also coordinate with City Traffic Engineering for relocation of City of Wilmington/NCDOT Traffic Signal System Fiber. Our previous comment on this note may have been misunderstood. Our apologies for the confusion.

5. The Shipyard Boulevard driveway does not match City of Wilmington Standard Detail SD 8-02, however, if the proposed design is desired, please submit a detail drawing of the driveway apron along with a cross-section. Thicknesses of materials should match the City Standard Detail.
6. There are 2 items labeled "T.S." on the plan, one of which is labeled "Traffic Signal Box (typ)". The one that is labeled does not exist. The one closer to the corner near the "Signal Light Pole" is the correct location of the signal cabinet.
7. The sight distance triangle is incorrectly shown. The 20' dimension is measured from the R.O.W. line, not the edge of pavement.
8. The maximum wheel stop height is 4 inches. Please revise the detail on sheet C-7 and indicate placement shall be 2.5' from the end of the parking stall.
9. Wheel stops are needed at the handicap parking spaces to prevent vehicles from hitting the proposed sign post structure. Make sure dimensions of these spaces meets the minimum length required! Adjacent spaces may also need wheel stops to prevent vehicle overhang on the sidewalk that would leave less than 4' clearance on the 6' wide sidewalk.
10. Many of the angled parking spaces are shown with 18' between the curb and the drive aisle. The minimum distance is 20' for 60° parking. Please correct the locations proposed as 18' unless 4" high curb is provided to allow for vehicle overhang. All existing and proposed curb is currently 6" in height.
11. The right turn lane markings on Carolina Beach Rd should include a solid white line between the RT Lane and the Thru Lane for one half the total distance of the bay plus taper as the taper will be shorter than normal to provide a longer turning bay. Mini skips shall be provided for the other half. Final design of the Bay and Taper should be coordinated with NCDOT.
12. Please correct typos in Note E, sheet C-3, City of Wilmington General Notes. Note H also has typos, but this note can be removed.
13. Site Key Note 60 is labeled on the plan as 61. Please correct.
14. Utility Keynote #21 on sheet C-6 should also indicate coordination with City of Wilmington Traffic Engineering.

MISCELLANEOUS:

- ❖ Permitting of business identification signage is a separate process.

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.