



**Planning, Development  
and Transportation**  
Transportation Planning  
305 Chestnut Street  
PO Box 1810  
Wilmington, NC 28402-1810

910 341-3258  
910 341-7801 fax  
www.wilmingtonnc.gov  
Dial 711 TTY/Voice

**DATE:** 2.19.2018  
**TO:** ProTrak  
**FROM:** Bill McDow  
Transportation Planning

---

■ **ROLAND GRISE MIDDLE SCHOOL [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:**

- ❖ Please list the Current number of Employees and students and proposed number of Employees and students after this expansion.
- ❖ If a trip generation for this site has been completed, please submit it to the current planner and Amy Kimes, PE, [amy.kimes@wilmingtonnc.gov](mailto:amy.kimes@wilmingtonnc.gov) .

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

1. The western driveways does not meet City Design Standards for driveway and taper width. The City Technical Standard states, “The maximum width of a driveway a the gutter flow line measured between the points where the curb returns or driveway apron meets the curb line or edge of roadway is sixty-two (62) feet.” The driveway will have to be revised to meet technical standards. [\[Chapter VII, Table 4, Note 1, page 7-10 CofWTSSM\]](#)
2. Show the sidewalk connection between the site and the public sidewalk.

**TECHNICAL STANDARDS – PARKING:**

3. Please show the Bus route, so the parking lot can be reviewed for Bus traffic ingress and egress on the site. Auto Turns for the Bus route and Fire Engine will be required.
4. Drop off/pick up areas are required for daycare centers, schools and similar uses. Show the drop off and pick-up location for car riders and bus riders on this site. [\[Sec.18-553 CofW LDC\]](#)
5. The site appears to have vehicle headlights that face adjacent property. Please show any fences or hedges proposed for the site that will screen the lights.
6. The proposed header curb and curb transition detail does not match city technical standard for curbing. [\[Detail SD 3-11 CofWTSSM\]](#)

7. The site data table for parking does not match the amount of spaces provided. Please revise. The table lists 185 maximum and 153 provided, however, 189 parking spaces are shown.
8. The wheel stops shown the site plans show 5" wheel stops, while the detail for the wheel stops have 4" high wheel stops. Please revise the information on the site plans to 4".
9. The site plans describe bicycle parking, however, no bicycle parking is shown on the plan. Graphically indicate on the plans the location of bike parking. [\[Sec.18-528 CofW LDC\]](#)
10. The site data tables specify 10 bicycle parking spaces, however, the standard for bicycle parking in accordance with Section 18-528 of the City of Wilmington Land development Code, requires a minimum of 13 spaces to correspond with the 189 vehicles spaces provided. Revise the number required and proposed to the site development data. [\[Sec.18-528 CofW LDC\]](#)

**TECHNICAL STANDARDS – Barrier Free Design:**

11. The site shows some elevations along the ADA Accessible path from the parking spaces to the buildings and from the main buildings to the Mobile Classrooms, however, some of the ramp elevations and final floor elevations for the school and classrooms are not shown. Note/label the plan with spot elevations that clearly indicate the accessible route to these buildings and Mobile Classrooms. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)

**GENERAL NOTES TO ADD TO THE PLAN:**

- A. 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. [\[SD 15-14 CofW Tech Stds\]](#)

**MISCELLANEOUS:**

- ❖ Permitting of business identification signage is a separate process. NCDOT/ City of Wilmington will not allow obstructions within the right of way.
- ❖ Transportation Planning Staff will review the landscape plan once submitted for compliance with sight distance requirements.

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.