



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

**DATE:** 04.18.2018  
**TO:** ProTrak  
**FROM:** Mitesh Baxi  
Traffic Engineering

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

---

■ **THE POINTE RETAIL AT BARCLAY [Subdivision Plan Review]**

**BASE INFORMATION:**

- The site is within 500' of a signalized intersection. 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 S 17<sup>th</sup> St and Independence Blv 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.
- 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 Gallery Park Blv/Independence Blv & Gallery Park Blv/S 17<sup>th</sup> St on the site inventory 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.
- Please show all the traffic control devices and pavement marking showing the traffic flow for this project.

**NCDOT:**

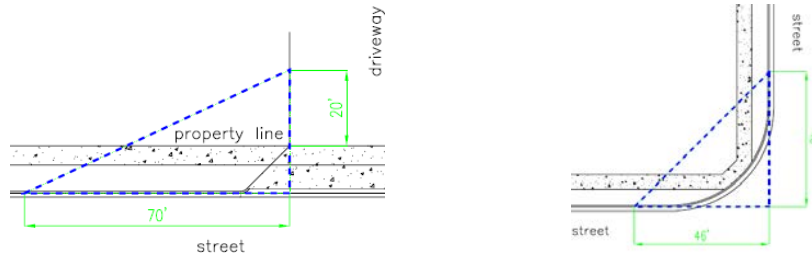
It is the Applicant's responsibility to coordinate directly with NCDOT to determine if any driveway permits/ revisions/ review processes are required. Contact NCDOT at 910. 251.2655. Please note additional comments may be forthcoming once coordination occurs.

**TECHNICAL STANDARDS – NEW ROADS:**

1. The minimum street corner radii is 35'. [[7-5 CofW Tech Stds](#)]

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

2. 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](#)]. This will be subject to a variance.
3. Provide sidewalk detail SD 3-10 on the plan.
4. Show any traffic signal facilities and equipment in front of the development. Contact Traffic Engineering at 341-7888 for help in identifying these.
5. 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](#)] Add a note indicating that all proposed vegetation within sight triangles shall not interfere with clear visual sight lines from 30"-10'. [[Sec.18-556 CofW LDC](#)]



#### TECHNICAL STANDARDS – PARKING:

6. Provide bicycle parking in accordance with Section 18-528 of the City of Wilmington Land development Code. Add the number required and proposed to the site development data. [\[Sec.18-528 CofW LDC\]](#)

#### TECHNICAL STANDARDS – Barrier Free Design:

7. Note the required and proposed number of handicapped spaces in the development data. [\[Sec. 18-529\(b\)\(2\) CofW LDC\]](#)
8. Show the typical handicap sign detail on the plan as per ADA and City standards. [\[Sheets A1 of 5 and A2 of 5, CofW Sign Specification\]](#)  
<https://www.wilmingtonnc.gov/home/showdocument?id=3940>

#### STREET LIGHTING [\[City of Wilmington Street Lighting Policy\]](#):

9. The standard streetlight shall be a DEP enclosed cutoff (Cobra type), high pressure sodium vapor (HPSV) or DEP designated LED equivalent fixture installed within the recommended range of mounting heights for the specific fixture. The standard streetlight shall be installed on a wooden pole in areas served from overhead facilities and on a fiberglass pole in areas served from underground facilities.
10. A layout for the Standard street lighting has been provided with the review. Minimum of *ten* standard street lights are required for this sub-division in addition to the *eleven* standard street lights on S 17<sup>th</sup> St and Independence Blv. Although, developers may choose to provide any extra lights or ornamental. Any installations above the criteria of Standard street lighting, will be considered as non-standard and has to conform to the City's non-standard street lighting procedure as per the policy.
11. Developers shall bear any installation costs associated with streetlights, if applicable. In areas served from underground facilities, the developers shall pay the one-time underground contribution charge, if applicable.
12. Prior to entering a non-standard street light agreement for the reimbursement, one-time underground contribution charges must be paid upfront for all the standard street lights on Independence Blv and S 17<sup>th</sup> St., regardless of developer opting to install non-standard street lights on Gallery Park Blv.
13. The Planning, Development and Transportation Director or designee and the City Landscape Designer will coordinate plaza plantings and streetlight locations to minimize the obstruction of light by vegetation.

#### GENERAL NOTES TO ADD TO THE PLAN:

- A. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards. [\[Detail SD 11-03 and SD 15-13 CofW Tech Stds\]](#)
- B. All signs and pavement markings in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards. [\[Detail SD 15-13 CofW Tech Stds\]](#)
- C. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- D. All parking stall markings and lane arrows within the parking areas shall be white.
- E. 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.

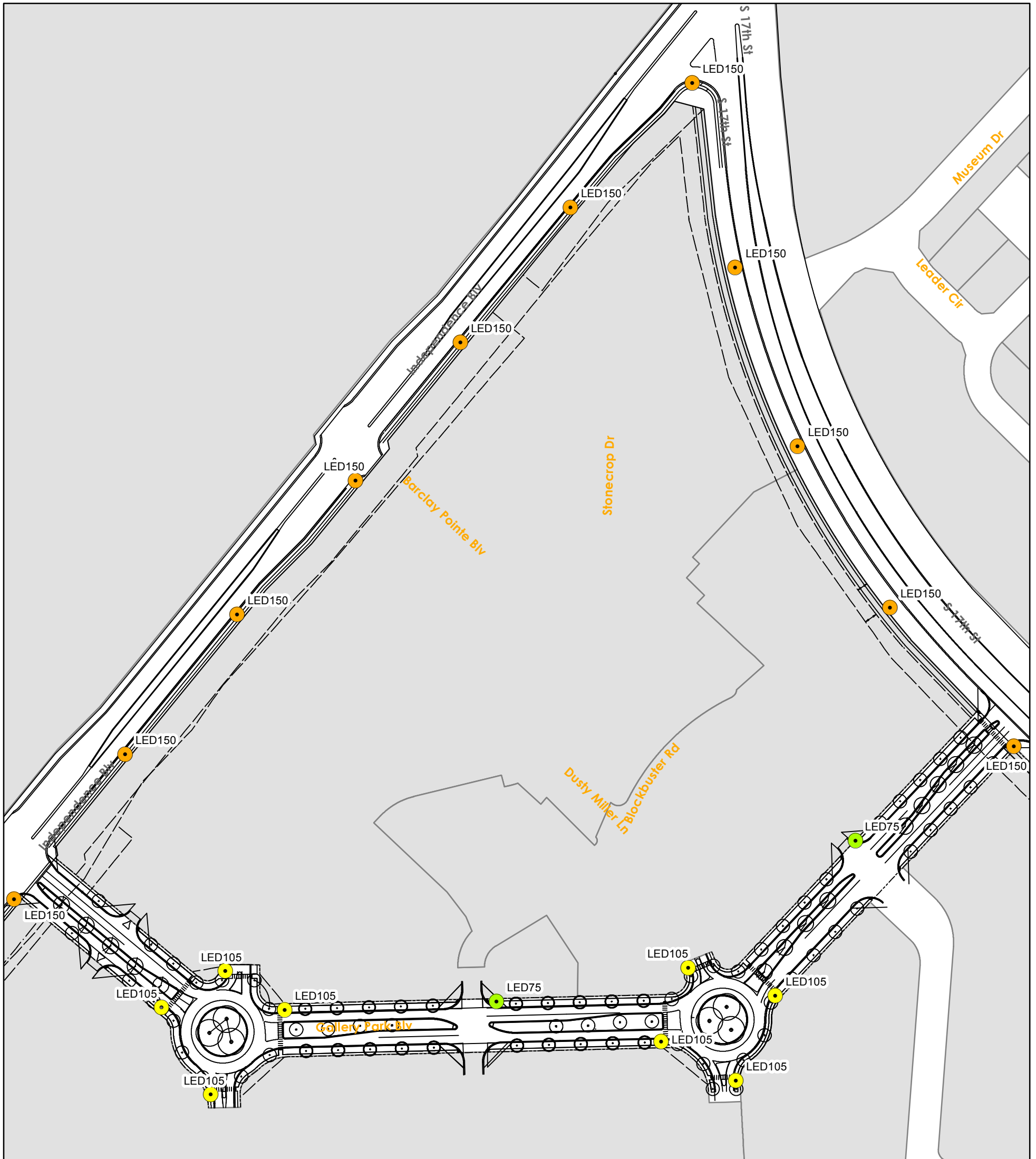
- F. It shall be the responsibility of the subdivider to erect official street name signs at all intersections associated with the subdivision in accordance with the Technical Standards and Specifications Manual. The subdivider may acquire and erect official street name signs or may choose to contract with the city to install the street signs and the subdivider shall pay the cost of such installation. Contact Traffic Engineering at 341-7888 to discuss installation of traffic and street name signs. Proposed street names must be approved prior to installation of street name signs.
- G. Any broken or missing sidewalk panels and curbing will be replaced.
- H. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.
- I. If these units are sold at any point, the buyer must receive a subdivision street disclosure statement. Please note this on the site plan and advise the property owner of this requirement. [[Sec.18-378 \(e\) CofW LDC](#)]

**MISCELLANEOUS:**

- ❖ Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.
- ❖ We will reserve comments on the parking lot, driveway geometry and other technical issues until a full construction drawing is submitted.
- ❖ 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.

# Standard Street Lighting Plan Gallery Park Boulevard



## Proposed Standard Streetlight Fixtures

- Roadway LED 75 (2)
- Roadway LED 105 (8)
- Roadway LED 150 (11)

### Note:

- 1) Developer is responsible for any installation costs; including the one-time underground contribution.
- 2) Developer is responsible for all leasing costs until streets within the subdivision are officially accepted by City Council for public maintenance and use.
- 3) Streetlights are to be installed between back of curb and sidewalk.
- 4) Roadway LED fixtures are to be mounted on 25' gray fiberglass poles.
- 5) Trees shall be planted at a minimum distance from a streetlight equal to one-half the recommended street tree spacing shown on SD 15-17 located in the Technical Standards and Specifications Manual.
- 6) Proposed locations shown are subject to change depending on the availability of the electric service.
- 7) If non-standard lighting is installed on Gallery Park Boulevard, then this document remains the basis for the reimbursement.

