



# Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review  
Planning & Preservation Division  
900 E. Broad Street, Room 510  
Richmond, Virginia 23219  
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

### Application Type

- Addition/Alteration to Existing Structure
- New Construction
- Streetscape
- Site Amenity

- Encroachment
- Master Plan
- Sign
- Other

### Review Type

- Conceptual
- Final

Project Name: Verizon Wireless Data Node- SC Dogwood Dell

Project Address: 1401 Pump House Drive

Brief Project Description (this is not a replacement for the required detailed narrative) : \_\_\_\_\_

Installation of a data node attached to an existing pole.

### Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: City of Richmond  Email: barry.russell@richmondgov.com

City Agency: Department of Parks, Recreation and Community Facilities Phone: 646-5944

Address: 1209 Admiral Street

Main Contact (if different from Applicant): Jennifer D. Mullen

Company: Roth Doner Jackson, PLC Phone: 977-3374

Email: jmullen@rothdonerjackson.com

### Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

### Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

### UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

Verizon Wireless is proposing data nodes in 5 park sites. These data nodes are part of the City-wide rollout discussed with the text amendment for private property sites that was adopted by City Council in May of this year in order to streamline the City approval process and reduce the time period for the approval process. The data nodes are small antennas designed to increase data capacity in areas where people gather and ultimately use cellular data for a variety of uses. Data demand has increased exponentially over the last few years, doubling from 2012 to 2013, and is expected to increase 650% by 2018, as the number of uses for mobile devices and the sheer number of devices increases. Data nodes work with the traditional cell towers to offload capacity maintaining the network at a high level. The antennas are low profile antennas, which are typically approximately 20' to 30' off the ground, and designed to target a particular area with a radius of approximately 500' to 1000'. The park sites submitted for Location, Character and Extent were determined based on the high number of users of the sites. The City's Department of Parks, Recreation and Community Development have reviewed and approved these locations and designs.

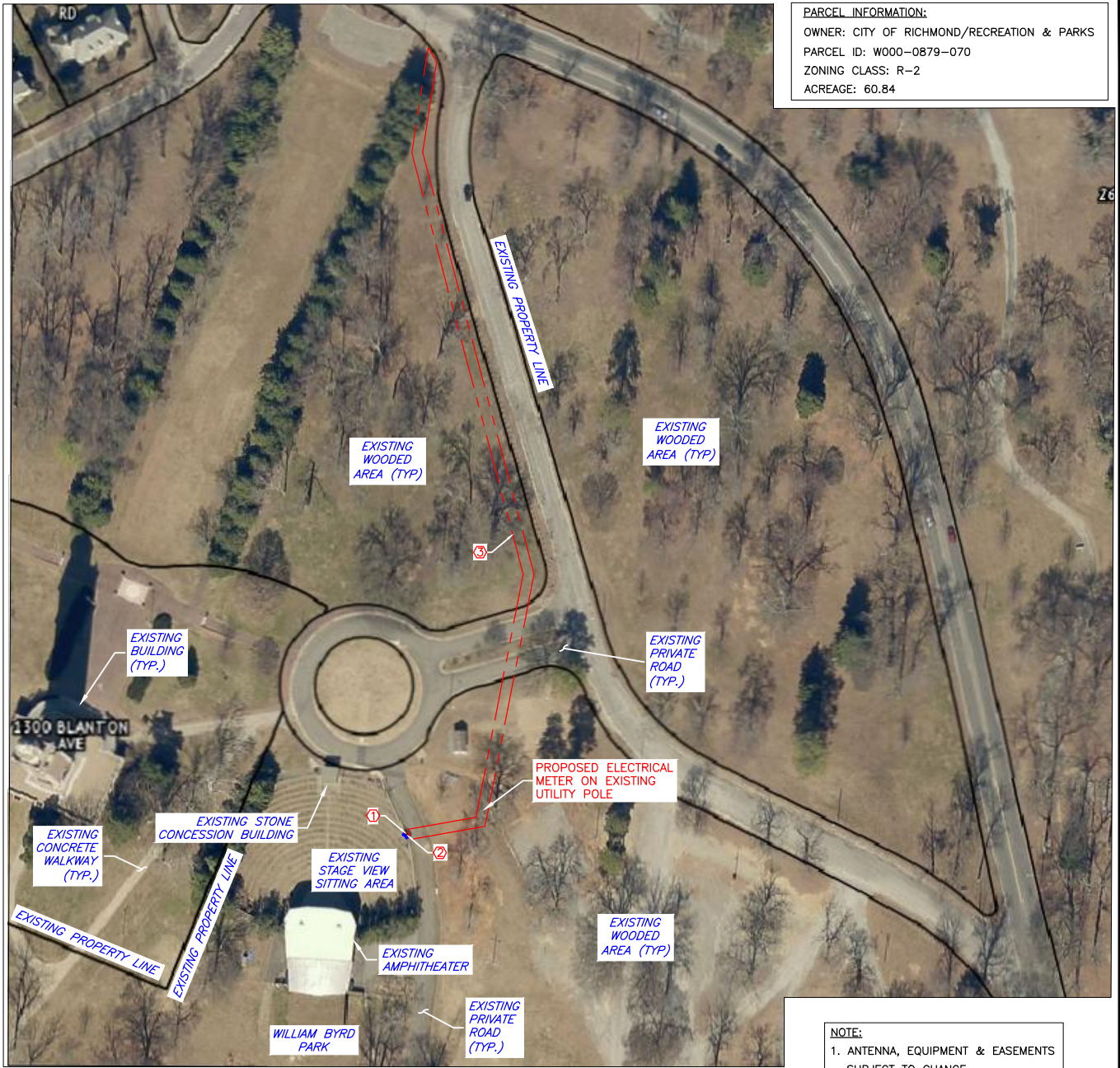
The location in Dogwood Dell at the Carillon is on an existing frame and light pole in the amphitheater area located such that it is blended in with the existing pole. The existing light pole has a total height of 21' and the antenna is located on top for an overall height of 24.2'. The equipment is located within the existing equipment enclosure located on the pole.

The location was selected based on the high volume of user data traffic, which will assist in offloading the data traffic. In turn the capacity of the data and voice improves, increasing safety and maintaining the overall network.

NOT FOR CONSTRUCTION

PARCEL INFORMATION:  
 OWNER: CITY OF RICHMOND/RECREATION & PARKS  
 PARCEL ID: W000-0879-070  
 ZONING CLASS: R-2  
 ACREAGE: 60.84

TRUE NORTH



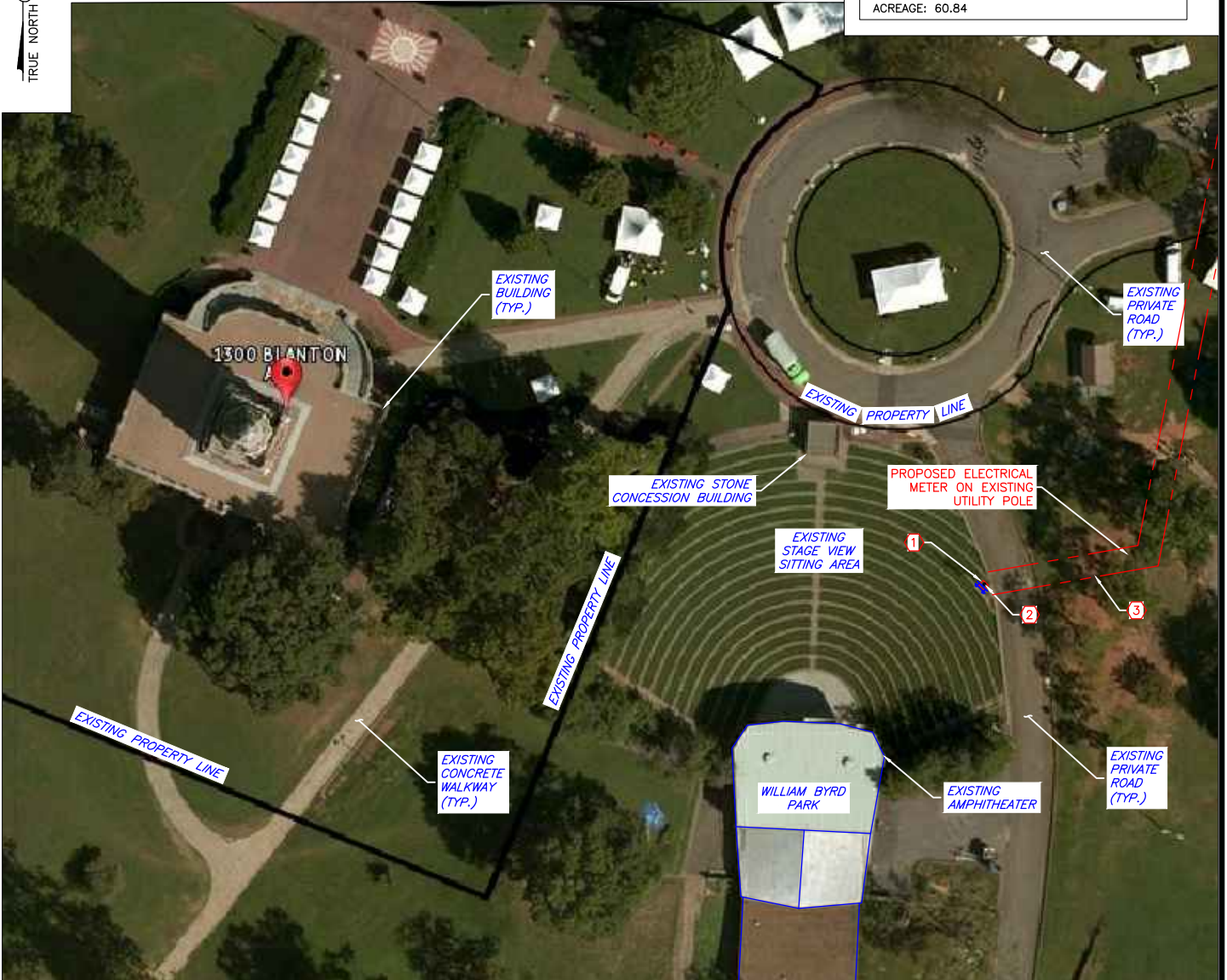
NOTE:  
 1. ANTENNA, EQUIPMENT & EASEMENTS SUBJECT TO CHANGE  
 2. EXACT FIBER ROUTE TO BE DETERMINED DURING TRANSPORT SITEWALK

**SITE PLAN**

<p><b>CONDUIT</b></p> <p>APPROXIMATE TELCO RUN LENGTH = TBD±          APPROXIMATE ELECTRICAL RUN LENGTH = 5'±</p>	<p><b>LEASE NOTES</b></p> <p>① NEW TENANT LEASE AREA FOR EQUIPMENT ON EXISTING LIGHT PLATFORM          ② NEW TENANT ANTENNA ATTACHED ON PIPE MOUNT          ③ NEW TENANT 10' UTILITY/ACCESS EASEMENT</p>																	
<p><b>NB+C</b>  <b>TOTALLY COMMITTED.</b></p> <p>NB+C ENGINEERING SERVICES, LLC.          4435 WATERFRONT DRIVE, SUITE 100          GLEN ALLEN, VA 23060</p>	<p>"SC DOGWOOD DELL"          VERIZON WIRELESS          1401 PUMP HOUSE DRIVE          RICHMOND, VA 23221          RICHMOND CITY</p>	<p><b>SUBMITTALS</b></p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>07/13/15</td> <td>AM</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p><b>SHEET 1</b></p>	REV	DATE	BY	0	07/13/15	AM										<p><b>SITE INFORMATION</b></p> <p>SITE VISIT BY: DT          DATE: 06/10/14          GOOGLE EARTH          LAT (NAD 83): 37° 32' 26.53"          LONG (NAD 83): -77° 28' 56.41"</p>
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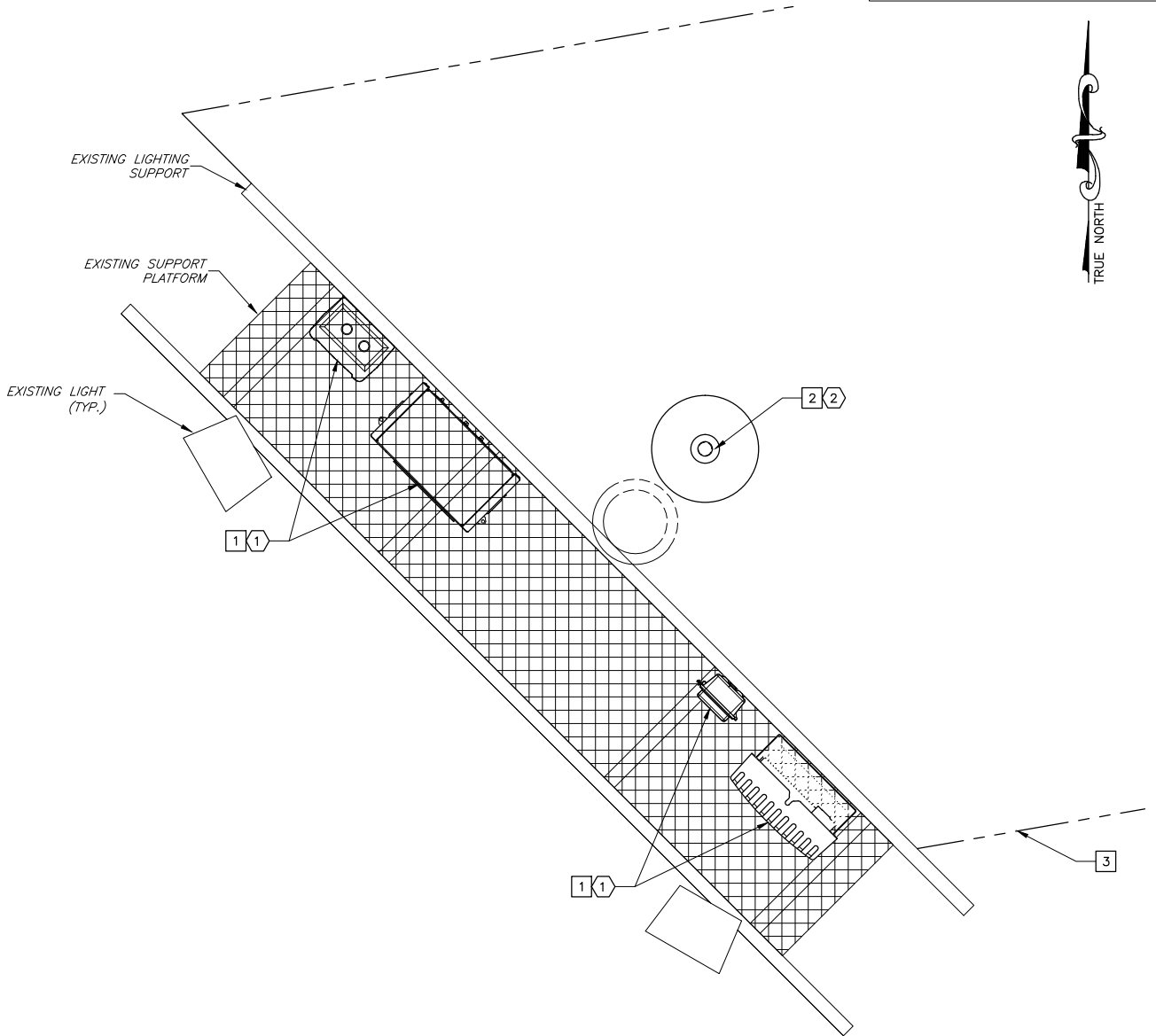


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NOT FOR CONSTRUCTION



### COMPOUND PLAN

**NOTE:**  
ANTENNA, EQUIPMENT & EASEMENTS  
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#### CONSTRUCTION NOTES

- 1 NEW TENANT EQUIPMENT MOUNTED TO EXISTING SUPPORT PLATFORM
- 2 NEW TENANT ANTENNA ATTACHED TO EXISTING LIGHT POLE
- 3 NEW TENANT 10' UTILITY/ACCESS EASEMENT

#### LEASE NOTES

- 1 NEW TENANT EQUIPMENT ON EXISTING SUPPORT PLATFORM
- 2 NEW TENANT ANTENNA



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GLEN ALLEN, VA 23060

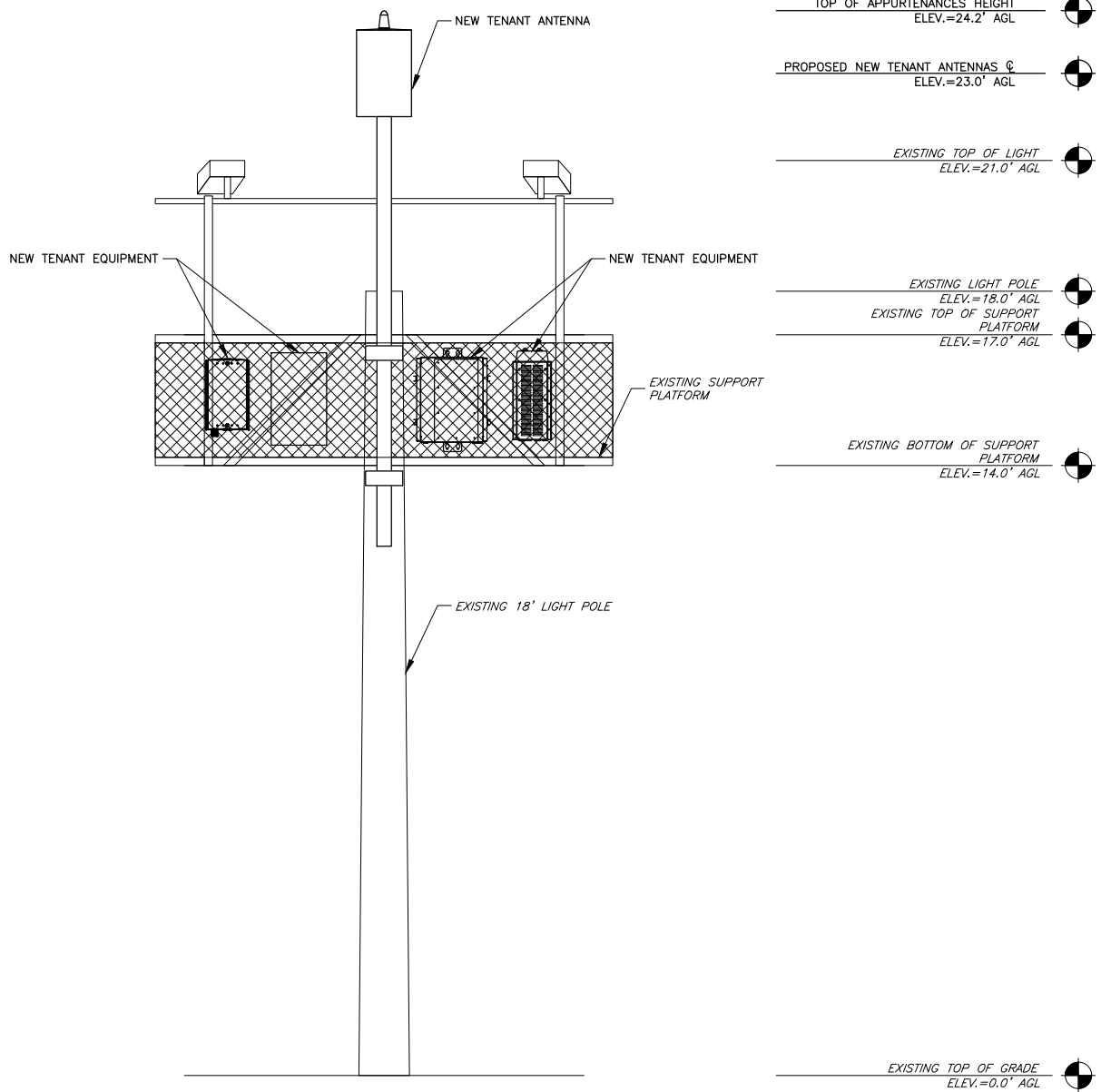
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ELEVATION

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Small Network Node  
1401 Pump House Drive  
Richmond, VA 23221

*Photograph Information:*  
Amphitheater  
View from the Southwest  
**Showing the Existing Site**

**NBIC**<sup>TM</sup>  
TOTALLY COMMITTED.





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