This document is a graphic representation only, created from the best available sources. The City of Raleigh assumes no responsibility for any errors, or misuse of this document.

073-17-CA
250 E LANE STREET RIGHT-OF-WAY
BLOUNT STREET HISTORIC DISTRICT (HOD-G)

Nature of Project:
Installation of 37' wood utility pole with cell antenna and equipment; establish performance standards for future small cell COA applications.

APPLICANT:
FIBER TECHNOLOGIES NETWORKS, LLC
APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS – STAFF REPORT

073-17-CA 250 E LANE STREET RIGHT-OF-WAY
Applicant: FIBER TECHNOLOGIES NETWORKS, LLC
Received: 4/17/2017
Submission date + 90 days: 7/16/2017
Meeting Date(s): 1) 5/25/2017 2) 3)

INTRODUCTION TO THE APPLICATION

Historic District: BLOUNT STREET HISTORIC DISTRICT
Zoning: HOD-G
Nature of Project: Installation of 37’ wood utility pole with cell antenna and equipment; establish performance standards for future small cell COA applications

APPLICABLE SECTIONS OF GUIDELINES and DESCRIPTION OF PROJECT

<table>
<thead>
<tr>
<th>Sections</th>
<th>Topic</th>
<th>Description of Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Public Rights-of-Way and Alleys</td>
<td>Installation of 37’ wood utility pole with cell antenna and equipment</td>
</tr>
</tbody>
</table>

STAFF REPORT

Based on the information contained in the application and staff’s evaluation:

A. Installation of 37’ wood utility pole with cell antenna and equipment is not incongruous in concept according to Guidelines 2.1.10; however installation of equipment associated with the antenna may be incongruous according to Guidelines 2.1.10 and the following suggested facts:

1* The proposal is for a 34 feet tall wood utility pole with a cylindrical antenna on top that increases the height to 37 feet. The lower portion of the pole contains equipment, wires, and an electric meter.

2* The proposed pole is located in the grass right-of-way near the western boundary of the district and adjacent to the side façade of the Andrews London House at 301 N Blount Street. A photographic simulation of the proposal is included in the application.

3* The closest utility pole on the same side of the street is about 94 feet to the east.

4* According to City of Raleigh 2015 Pictometry data, the other poles in the vicinity range from approximately 20 to 33 feet in height.
The color of the antenna is the approximately the same as the pole; a sample was not provided. The equipment associated with the antenna is placed on the pole between about 3 feet 5 inches and 13 feet 5 inches off the ground. Five examples of other wood pole configurations were provided. They range in maximum height from 30 feet 6 inches and 50 feet 1 inches and vary in color, amount of external equipment, antenna shape, base size, presence of light fixtures, and equipment shrouds. Photographs, locations, and directions to installations in Raleigh were provided: approximately 205 W Lenoir Street, 1500 Varsity Drive, 2109 Avent Ferry Road, 2621 Hillsborough Street, Pullen Road. Examples in Holly Springs, Wake Forest, and High Point were also provided.

On the planning page (p. 8) of Public Rights-of-Way and Alleys section of the Guidelines it states that “Public right-of-way features such as trees, streetlights, benches, ground cover, sidewalk paving patterns, curbs, and gutters contribute to a district’s character, as do necessary transportation and communication features, such as utility lines and poles, transformers, traffic signs, vending machines, transit stops, and parking booths. Consequently, maintaining the distinctive visual ambiance of a district requires attention to its streets and alleys and their features. Right-of-way characteristics vary from district to district; some vary within districts.”

Pending the committee’s decision regarding the pole mounted equipment; staff suggests that the committee approve the application.

Additionally, staff suggests that the performance standards for consideration when reviewing future similar applications be deferred and brought back to the June meeting. The following are offered for discussion.

- That the pole be constructed of the same material and be the same color as the nearby utility poles or streetlight poles.
- That the diameter of the pole similar to nearby utility poles or streetlight poles.
- That there not be another cell antenna pole on the same block.
• That the new pole be placed at least 45 feet from an existing utility pole on the same side of the street.
• That the height of the new pole plus antenna be no more than 3 feet taller than the existing poles.
• That the antenna be similar in color to the pole.
• That exposed equipment be covered with a shroud the same color as the pole.
• That on metal poles, the size of the equipment base be no large than ##?
Raleigh Historic Development Commission –
Certificate of Appropriateness (COA) Application

□ Minor Work (staff review) – 1 copy
□ Major Work (COA Committee review) – 10 copies
  □ Additions Greater than 25% of Building Square Footage
  □ New Buildings
  □ Demo of Contributing Historic Resource
  □ All Other

□ Post Approval Re-review of Conditions of Approval

Property Street Address: E Lane St x 250 (fld)
Historic District: Blount Street
Historic Property/Landmark name (if applicable): 

Owner’s Name: Raleigh, City of

Lot size: (width in feet) (depth in feet)

For applications that require review by the COA Committee (Major Work), provide addressed, stamped envelopes to owners of all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys (Label Creator).

<table>
<thead>
<tr>
<th>Property Address</th>
<th>Property Address</th>
</tr>
</thead>
</table>
I understand that all applications that require review by the commission's Certificate of Appropriateness Committee must be submitted by 4:00 p.m. on the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Type or print the following:

Applicant: Fiber Technologies Networks, L.L.C.
Mailing Address: 300 Meridian Centre
City: Rochester, State: New York, Zip Code: 14618
Date: 1/27/2017
Daytime Phone: 585-445-5896
Email Address: rzajac@lightower.com

Applicant Signature: [Signature]

Richard Zajac, Permits Admin.

Will you be applying for rehabilitation tax credits for this project? [ ] Yes [ ] No

Did you consult with staff prior to filing the application? [ ] Yes [ ] No

Office Use Only

Type of Work: [ ]

Design Guidelines - Please cite the applicable sections of the design guidelines (www.rhdc.org).

<table>
<thead>
<tr>
<th>Section/Page</th>
<th>Topic</th>
<th>Brief Description of Work (attach additional sheets as needed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1/8-9</td>
<td>Public Right of way and Alleys</td>
<td>Proposing to install one (1) new 40' wood utility pole within the ROW along E Lane St. See attached drawings for additional detail.</td>
</tr>
</tbody>
</table>
Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until _______________. Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh) ________________________ Date ____________________

<table>
<thead>
<tr>
<th>TO BE COMPLETED BY APPLICANT</th>
<th>TO BE COMPLETED BY CITY STAFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attach 8-1/2&quot; x 11&quot; or 11&quot; x 17&quot; sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete.</td>
<td>YES  N/A</td>
</tr>
<tr>
<td><strong>Minor Work</strong> (staff review) – 1 copy</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td><strong>Major Work</strong> (COA Committee review) – 10 copies</td>
<td>N/A</td>
</tr>
<tr>
<td>1. <strong>Written description.</strong> Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, etc.)</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>2. <strong>Description of materials</strong> (Provide samples, if appropriate)</td>
<td>NO</td>
</tr>
<tr>
<td>3. <strong>Photographs</strong> of existing conditions are required. Minimum image size 4&quot; x 6&quot; as printed. Maximum 2 images per page.</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>4. <strong>Paint Schedule</strong> (if applicable)</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>5. <strong>Plot plan</strong> (if applicable). A plot plan showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc., must be provided if your project includes any addition, demolition, fences/walls, or other landscape work. Show accurate measurements. You may also use a copy of the survey you received when you bought your property. Revise the copy as needed to show existing conditions and your proposed work.</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>6. <strong>Drawings</strong> showing existing and proposed work</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>- Plan drawings</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>- Elevation drawings showing the façade(s)</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>- Dimensions shown on drawings and/or graphic scale (required)</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>- 11&quot; x 17&quot; or 8-1/2&quot; x 11&quot; reductions of full-size drawings. If reduced size is so small as to be illegible, make 11&quot; x 17&quot; or 8-1/2&quot; x 11&quot; snap shots of individual drawings from the big sheet.</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>7. Stamped envelopes addressed to all property owners within 100 feet of property not counting the width of public streets and alleys (required for Major Work). Use the Label Creator to determine the addresses.</td>
<td>YES  NO  N/A</td>
</tr>
<tr>
<td>8. <strong>Fee (See Development Fee Schedule)</strong></td>
<td>YES  NO  N/A</td>
</tr>
</tbody>
</table>
April 14th, 2017

Raleigh Historic Development Commission
Development Services Customer Service Center
Attn: Tania Tully / Melissa Robb
One Exchange Plaza, Suite 400
Raleigh, North Carolina 27601

RE: Certificate of Appropriateness Applications (Major Work COA) – Transaction #’s 502424 and 501827 (Fibertech reference #’s Node 0314, Node 0315).

Dear Ms. Tully,

Enclosed you will find the following items:

- 10 copies of site plans for the proposed pole installation along E Martin St (transaction #501827, our file #Node0314).
- 10 copies of site plans for the proposed pole installation along E Lane St (transaction #502424, our file #Node0315).
- 10 copies of “Small Cell Solutions” – a guide to the many options/flexibility we have in constructing small cells
- Empty #10 envelopes, pre-stamped + addressed for each location
- Check #30009674 in the amount of $118 (processing fee for Node0314)
- Check #30009675 in the amount of $118 (processing fee for Node0315)

Should you have any questions or require additional information in order for this to be added to the May 25th meeting agenda, please do not hesitate to contact me.

Sincerely,

[Signature]

Richard Zajac
Permits Admin.
Fiber Technologies Networks, L.L.C.
300 Meridian Centre, Suite 200
Rochester, NY 14618
585-445-5896
rzajac@lightower.com
SMALL CELL
PROPOSED NODE SC-NC 0315 LOCATION
RALEIGH, NC

LOCATION MAP
LAT: 35.78391°  LONG: -78.63678°
1" = 500'

NODE PLACEMENT
1" = 50'

POLK ST
E NORTH ST
N WILMINGTON ST
N PERSON ST (SR-2020)
E JONES ST
N BLOUNT ST (SR-3670)
N MCDOWELL ST
W JONES ST
N SALISBURY ST
N WILMINGTON ST
E LANE ST
W EDENTON ST (SR-2298)
E EDENTON ST (SR-2298)
OAKWOOD AVE
E LANE ST
E JONES ST
NEAST ST
E LANE ST
P NT
N BLOUNT ST (SR-3670)

NOTE 1:
20 FT WORKER SAFETY ZONE
BETWEEN LOWEST ENERGIZED POWER
& HIGHEST COMMUNICATIONS CABLE
IN ACCORDANCE WITH NESC REGULATIONS

NOTE:
PLACE NEW 40' CL-3 FIBERTECH POLE

ABSOLUTE MINIMUM DEPTH OF SET
MUST MEET OR EXCEED 10% OF
OVERALL HEIGHT ABOVE GROUND
(INCLUDING ATTACHMENTS), PLUS
2 FEET, ROUNDED UP TO THE NEXT
FULL FOOT.

CSS ANTENNA CYL-X7CAP-2-C
SMALL CELL CANTENNA X-POL
698-896/1710-2170MHz

PROPOSED SECONDARY POWER
FEED HOA 28'-0"

NOTE:
PLACE NEW 40' CL-3 FIBERTECH POLE

ABSOLUTE MINIMUM DEPTH OF SET
MUST MEET OR EXCEED 10% OF
OVERALL HEIGHT ABOVE GROUND
(INCLUDING ATTACHMENTS), PLUS
2 FEET, ROUNDED UP TO THE NEXT
FULL FOOT.

CSS ANTENNA CYL-X7CAP-2-C
SMALL CELL CANTENNA X-POL
698-896/1710-2170MHz

PROPOSED SECONDARY POWER
FEED HOA 28'-0"

NEW YORK MANUFACTURING
WOOD POLE ANTENNA SHROUD
RAL-8002 (SEE DETAIL)

NEW YORK MANUFACTURING
POLE-TOP MOUNTING BRACKET
(SEE DETAIL)

PROPOSED SECONDARY POWER
FEED HOA 28'-0"

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

U-GUARD CONTAINING COAX,
FIBER & POWER

NEW YORK MANUFACTURING
WOOD POLE ANTENNA SHROUD
RAL-8002 (SEE DETAIL)

ERICKSON PSU AC 02
COYOTE DTC

ERICKSON PSU AC 02
COYOTE DTC

ADAMS SOLUTIONS, LLC 102-2270
EQUIPMENT MOUNTING BRACKET

ADAMS SOLUTIONS, LLC 102-2270
EQUIPMENT MOUNTING BRACKET

ERICKSON PSU AC 02
COYOTE DTC

ERICKSON PSU AC 02
COYOTE DTC

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

NOTE:
PLACE NEW 40' CL-3 FIBERTECH POLE

ABSOLUTE MINIMUM DEPTH OF SET
MUST MEET OR EXCEED 10% OF
OVERALL HEIGHT ABOVE GROUND
(INCLUDING ATTACHMENTS), PLUS
2 FEET, ROUNDED UP TO THE NEXT
FULL FOOT.

CSS ANTENNA CYL-X7CAP-2-C
SMALL CELL CANTENNA X-POL
698-896/1710-2170MHz

PROPOSED SECONDARY POWER
FEED HOA 24'-0"

NEW YORK MANUFACTURING
WOOD POLE ANTENNA SHROUD
RAL-8002 (SEE DETAIL)

PROPOSED SECONDARY POWER
FEED HOA 24'-0"

PROPOSED FIBERTECH FIBER HOA 24'-0"

U-GUARD CONTAINING COAX,
FIBER & POWER

PROPOSED GROUND
INSTALL GROUND RODS
CONSISTENT WITH NESC
REQUIREMENTS

NEW YORK MANUFACTURING
WOOD POLE ANTENNA SHROUD
RAL-8002 (SEE DETAIL)

ERICKSON PSU AC 02
COYOTE DTC

ERICKSON PSU AC 02
COYOTE DTC

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

NOTE 1:
40" MIN. WORKER SAFETY ZONE
BETWEEN LOWEST ENERGIZED POWER
& HIGHEST COMMUNICATIONS CABLE
IN ACCORDANCE WITH NESC REGULATIONS

PROPOSED SECONDARY POWER
FEED HOA 28'-0"

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

POWER CABLE PROTECTED
BY NON-METALLIC FLEX
CONDUIT FASTENED TO POLE
Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

Q01DM12030TRRRR MAIN DISCONNECT
(WITH NOTICE STICKER)

ELECTRIC METER WITH SHROUD
100 AMP MIN.

NOTE:
PLACE NEW 40' CL-3 FIBERTECH POLE

ABSOLUTE MINIMUM DEPTH OF SET
MUST MEET OR EXCEED 10% OF
OVERALL HEIGHT ABOVE GROUND
(INCLUDING ATTACHMENTS), PLUS
2 FEET, ROUNDED UP TO THE NEXT
FULL FOOT.
EXISTING PHOTOGRAPHIC VIEW

PROPOSED PHOTOGRAPHIC SIMULATION
(Proposed cables not shown)
CSS ANTENNA CYL-X7CAP-2-C SMALL CELL CANTENNA X-POL
698-896/1710-2170MHz
SIDE VIEW

CSS ANTENNA CYL-X7CAP-2-C SMALL CELL CANTENNA X-POL
698-896/1710-2170MHz
BOTTOM VIEW

Max Labels point to the direction of maximum signal strength

15.1" [384 mm] dia

Null Labels point to the direction of minimum signal strength

Mounting brackets must stay inside 10" [254 mm] circle

Drain Holes (multiple places) (Avoid any obstructions to drain holes)
ERICSSON mRRUS 12 REMOTE RADIO
ISOMETRIC VIEW

ERICSSON mRRUS 12 REMOTE RADIO
WITH ADA SOLUTIONS, LLC 102-2270 EQUIPMENT MOUNTING BRACKET
CONCEPTUAL VIEW
COYOTE - DTC
"ISOMETRIC VIEW"

COYOTE - DTC
WITH ADA SOLUTIONS, LLC 102-2270 EQUIPMENT MOUNTING BRACKET
CONCEPTUAL VIEW

7.64" x 8.14"

MOUNTING BRACKET

COYOTE - DTC
WITH ADA SOLUTIONS, LLC 102-2270 EQUIPMENT MOUNTING BRACKET
CONCEPTUAL VIEW

7.64" x 8.14"

MOUNTING BRACKET

www.ucseng.com
1-508-337-7600
21 OXFORD RD
MANSFIELD, MA 02048
Innovative Thinking. Engineered Solutions.
NEW YORK MANUFACTURING POLE TOP BRACKET
FOR CSS ANTENNA WITH SHROUD
CONCEPTUAL VIEW

3.75" X 1" SLOT
FOR CSS ANTENNA

(6) 1.5" SLOTS
FOR STRAPS
Small Cell Solutions
Standard Wood Pole
Wood Communications Pole
Wood Pole With Rectifier

©2015 Lightower Fiber Networks. All rights reserved.
Wood Pole With Lightower Equipment Shroud

- CSS ANTENNA CYL X7CAP-2-C
- SMALL CELL CANTENNA X POL
- 508-896-1710-2170Mhz

- NEW YORK MANUFACTURING
- WOOD POLE ANTENNA SHROUD
- RAL-8002 (SEE DETAIL)

- NEW YORK MANUFACTURING
- POLE-TOP MOUNTING BRACKET
- (SEE DETAIL)

- PROPOSED SECONDARY
- POWER FEED HOA 25'-0"

- PROPOSED FIBERTECH FIBER
- HOA 21'-0"

- CAUTION SIGN
  (BOTH SIDES OF POLE)

- RADIO CAGE
  CONTAINING:
  - ERICSSON PSU AC 02
  - SEE DETAIL
  - ERICSSON nRRUS 12
  - REMOTE RADIO
  - SEE DETAIL
  - COYOTE DTC
  - SEE DETAIL

- POWER CABLE PROTECTED
  BY NON-METALLIC FLEX
  CONDUIT

- Q01DM10030TR80L
  100/30A MAIN DISCONNECT
  AND GENERATOR TRANSFER SWITCH
  (WITH NOTICE STICKER)

- ELECTRIC METER WITH SHROUD
  1.00 AMP MIN.
  (METER PLACED TO AVOID ALL
  PEDESTRIAN AND VEHICLE TRAFFIC
  PER FIBERTECH AND DOT AGREED REQUIREMENTS)
Primary Power Wood Pole With Slim Cabinet
Composite Solutions
Fiberglass ePole
Steel Solutions
Standard Steel Pole
Steel Pole With Slim Cabinet
Steel Pole With Slim Cabinet

KATHERINE DUAL BAND
700 MHz X-POL OMNI ANTENNA
640 1051 10 ROUN 24"H x 16"W (BASE)
SEE DETAIL

NEW YORK MANUFACTURING
POLE TOP BRACKET
SEE DETAIL

RF SIGNAGE
1. "NOC IDENTIFICATION"
2. "DO NOT TRANSFER, CONTACT NOC"

ALCATEL-LUCENT
RRH-0804 (B13)
SEE DETAIL

ALCATEL-LUCENT
RRH-0404 (B4)
SEE DETAIL

CHARLES-55420-400N3
SEE DETAIL

QOLDM1030TRNB DISCONNECT SWITCH

POWER CABLE PROTECTED BY LIQUIDITE

©2015 Lightower Fiber Networks. All rights reserved.
Steel Pole With Slim Cabinet
Steel Pole With Rectifier
Joint-Use Steel Pole With Lightower Equipment Shroud
Steel Pole With Equipment Base

©2015 Lightower Fiber Networks. All rights reserved.
Decorative Steel Pole With Equipment Base
### Decorative Steel Pole With Acorn Light and Equipment Base

#### Diagram of Decorative Steel Pole

#### Table: Decorative Steel Pole Parts

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>POLE: 6 X 6 IN 1/2 L.T. 216 X 180 X 11353 3/8 FLAT FLANGE</td>
<td>1</td>
<td>MTR</td>
</tr>
<tr>
<td>2</td>
<td>POLE: 6 X 6 IN 1/2 L.T. 216 X 180 X 11353 3/8 FLAT FLANGE</td>
<td>1</td>
<td>MTR</td>
</tr>
<tr>
<td>3</td>
<td>POLE: 6 X 6 IN 1/2 L.T. 216 X 180 X 11353 3/8 FLAT FLANGE</td>
<td>1</td>
<td>MTR</td>
</tr>
<tr>
<td>4</td>
<td>POLE: 6 X 6 IN 1/2 L.T. 216 X 180 X 11353 3/8 FLAT FLANGE</td>
<td>1</td>
<td>MTR</td>
</tr>
<tr>
<td>5</td>
<td>POLE: 6 X 6 IN 1/2 L.T. 216 X 180 X 11353 3/8 FLAT FLANGE</td>
<td>1</td>
<td>MTR</td>
</tr>
</tbody>
</table>

**Note:** Items are tagged for reuse and must be tagged for reuse and returned to the vendor for future use. Please review the vendor's return and reuse policy for details on how to return items.
Steel Pole With Lightower Equipment Shroud
Standard Steel Pole With Lightower Equipment Shroud
Steel Pole With Ground Cabinet

Cabinet Dimensions
48" x 48" x 24"

CAUTION SIGN
(Both Sides of Pole)

CONNECT GROUNDING WIRE TO EXISTING GROUNDING ROD. IF NONE EXISTS, INSTALL GROUND ROD CONSISTENT WITH NEC REQUIREMENTS.

NOTICE SIGN
2'-3" x 4'-6"

CONCRETE BASE
2" SCHD 40 PVC FOR COAX
2" SCHD 40 PVC FOR POWER

CAUTION SIGN
(ON ANTENNA)

NEW YORK MANUFACTURING
TOP POLE MOUNTING BRACKET

KATHREIN DUAL BAND
700 MPH X-POL OMN Antenna
B40 10610 BROWN 24" H x 18" W (BASE)
SEE DETAIL

©2015 Lightower Fiber Networks. All rights reserved.
Steel Flag Pole
Raleigh, NC Sites

1. **Node 0019**
   Go to intersection of S McDowell Street and W Lenoir Street
   Head W on W Lenoir Street for 56 feet
   Pole is on S side of W Lenoir Street
   This is a new metal Fibertech pole with a recently added equipment shroud design for aesthetics
   Site completed: April 2016
2. **Node 0057**
   Go to intersection of Avent Ferry Road and Varsity Drive
   Head NW on Varsity Drive for 102 feet
   Pole is on NE side of Varsity Drive
   This was one of the very first Duke (Joint-Use) metal street light replacement poles installed in NC
   Equipment shroud design
   Site completed: April 2017
3. **Node 0059**
Go to intersection of Western Blvd and Avent Ferry Road
Head SW on Avent Ferry Road for 125 feet
Pole is on NW side of Avent Ferry Road
Fibertech equipment was placed on a newly placed (replacement) Duke wood street light pole
Note: The original pole (now shorter in height) will be removed by Duke
Minimal radio design (no shroud)
Site completed: September 2016
4. **Node 0062**
Southwest corner of Hillsborough Street and Gardner Street intersection
Used City of Raleigh LED street light and placed LED light on new Fibertech metal pole
Minimal radio design (no shroud)
Site completed: April 2016
5. **Node 0060**
   Go to intersection of Western Blvd and Pullen Road
   Head N on Pullen Road for 342 feet
   Pole is on W side of Pullen Road (across from Pullen Park)
   Fibertech equipment placed on new wood pole
   Radio design (no shroud)
   Site completed: September 2016
Holly Springs, NC Site

6. **Node 0237**
   - Go to intersection of Holly Springs Road and Sunset Lake Road
   - Head SE on Sunset Lake Road for 441 feet (in front of PNC Bank)
   - Pole is on SW side of Sunset Lake Road
   - Fibertech equipment placed on new wood pole
   - Minimal radio design (no shroud)
   - Site completed: April 2017
Wake Forest, NC Site

7. **Node 0265 – Wake Forest**
   - Go to intersection of S Main Street and Alberbury Commons Court
   - Head NW on S Main Street for 30 feet
   - Pole is on SE side of S Main Street
   - Fibertech equipment placed on very first Composite/FRP pole placed in NC as requested by city
   - Equipment shroud design
   - Site completed: April 2017
High Point, NC Site

8. **Node 0031**
   - Go to intersection of N Elm Street and W Broad Avenue
   - Head N on N Elm Street for 60 feet
   - Pole is on E side of N Elm Street
   - Fibertech equipment placed on very first Stealth pole placed in NC as requested by city
   - Equipment shroud design
   - Site completed: March 2017