



April 19, 2017

**VIA ELECTRONIC MAIL AND
FEDERAL EXPRESS OVERNIGHT**

City of Fayetteville
Attn: Craig Harmon, Sr. Planner
Planning and Code Enforcement Services Dept.
433 Hay Street
Fayetteville, NC 28301
(CHarmon@ci.fay.nc.us)

RE: Pre-Conference Application and Special Use Permit.

Dear Mr. Harmon:

On behalf of Fiber Technologies Networks, L.L.C. (Fibertech) enclosed please find its Pre-Application Conference request and Special Use Permit request, along with its check in the amount of \$2500.00, to collocate telecommunications equipment on existing wooden utility poles in the public right of way for advanced telecommunications services at the following locations:

Site Name	Nearest Address (in the public right of way)
SC-NC 0257	600 Carol St.
SC-NC 0261	339 Devers St.

Fibertech is a certificated public utility that operates exclusively in the public right of way with a Certificate of Public Convenience and Necessity from the State of North Carolina. See Exhibit A attached hereto.

As the enclosed complete application shows, Fibertech seeks to place equipment on existing utility poles, which do not fall under the purview of the local zoning code, as discussed in the attached memorandum from respected North Carolina law firm, Smith Moore Leatherwood. See Exhibit B attached hereto.

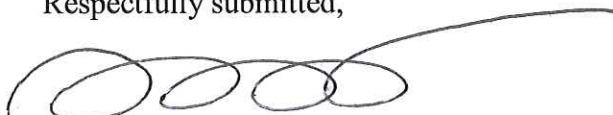
Fibertech is applying for this Special Use Permit, pursuant to Article 30-4.C.3.i, Telecommunications Facilities, of the City of Fayetteville's (City) Unified Development Ordinance (UDO) for these locations on one application, as instructed by the City. However, this application is being submitted under protest, and Fibertech reserves all rights and defenses, due to the fact that the UDO process is a burdensome permitting process that is not applied to near-identical and larger telecommunications and non-telecommunications infrastructure in the

public right of way, which creates a discriminatory and anti-competitive atmosphere, contrary to federal law.

Additionally, Fibertech requests the City issue this permit within 90 days of the date of this submission in compliance with federal timeframes regarding reasonable time periods, which will be approximately July 18, 2017.

Fibertech looks forward to working with the City to obtain the necessary permits to support its advanced technology. If you have any questions or concerns please contact me at (585) 568-8465 or DScarfone@lighttower.com.

Respectfully submitted,

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

DeAnna R. Scarfone
Director of Government Relations

Enc.

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. P-1388, SUB 1

**CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
AUTHORIZING THE PROVISION OF INTRASTATE LOCAL EXCHANGE
AND EXCHANGE ACCESS TELEPHONE SERVICE**

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

Know All Men By These Presents, That

FIBER TECHNOLOGIES NETWORKS, L.L.C.

**140 Allens Creek Road
Rochester, New York 14618**

is hereby granted this

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

This Certificate is hereby granted to Fiber Technologies Networks, L.L.C., pursuant to N.C.G.S. 62-110 authorizing the provision of intrastate local exchange and exchange access telephone service as a Competing Local Provider in the State of North Carolina. This Certificate is hereby issued subject to all of the terms and conditions adopted by the North Carolina Utilities Commission in Docket No. P-100, Sub 133, Commission Rules and Regulations, and any further amendments and supplements thereto.

ISSUED BY ORDER OF THE COMMISSION.

This the 21st day of March, 2006.

NORTH CAROLINA UTILITIES COMMISSION

Gail L. Mount

Gail L. Mount, Deputy Clerk

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. P-1388, SUB 0

**CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
AUTHORIZING THE PROVISION OF INTRASTATE INTEREXCHANGE
TELEPHONE SERVICE**

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

Know All Men By These Presents, That

FIBER TECHNOLOGIES NETWORKS, L.L.C.

**140 Allens Creek Road
Rochester, New York 14618**

is hereby granted this

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

This Certificate is hereby granted to Fiber Technologies Networks, L.L.C., pursuant to NCGS 62-110(b) authorizing the provision of intrastate interexchange telephone service in North Carolina.

ISSUED BY ORDER OF THE COMMISSION:

This the 8th day of December, 2005.

NORTH CAROLINA UTILITIES COMMISSION

Gail L. Mount

Gail L. Mount, Deputy Clerk



434 Fayetteville Street
Suite 2800
Raleigh, NC 27601

MEMORANDUM

TO: Fiber Technologies Networks, L.L.C.
FROM: Karen M. Kemerait and M. Gray Styers, Jr.
DATE: January 27, 2017
RE: Small Cell Antenna Networks – Exemption from Zoning Regulation

I. Introduction

Fiber Technologies Networks, L.L.C. (“Fibertech”) is seeking to deploy small cell antenna facilities on “utility poles,” as defined by N.C.G.S. § 160A-400.51(8), in cities and towns in North Carolina. A few municipalities have been attempting to regulate the siting of small cells on utility poles by requiring Fibertech to submit zoning applications and to comply with land use and zoning regulations.

II. Question Presented and Short Answer

The issue is whether the installation of small cells on utility poles can be regulated under local zoning and land use regulations.

The short answer is no; they are expressly exempt, by state statute, from local zoning regulations.

III. Local government’s authority to regulate

In North Carolina, local governments have no inherent power absent state statutory authorization. Municipalities and counties are created by the state and can exercise only those powers that have been expressly delegated to them by the North Carolina General Assembly. *See* N.C.G.S. § 160A-174; *see also Land Use Law in North Carolina*, David W. Owens (2006). If a local ordinance is inconsistent or in conflict with state or federal laws, the ordinance or ordinance provision will be deemed to be invalid. *Craig v. County of Chatham*, 356 N.C. 40, 565 S.E.2d 172 (2002); *Granville Farms, Inc. v. County of Granville*, 170 N.C. App. 109, 612 S.E.2d 156 (2005). A local government may not use its general authority -- or the rule of broad statutory construction -- to circumvent limitations imposed by statute. *BellSouth Communications, Inc. v. City of Laurinburg*, 168 N.C. App. 75, 606 S.E.2d 721 (2005).

RALEIGH 514229.1

Karen M. Kemerait | Direct: 919.755.8764 | karen.kemerait@smithmoorelaw.com | www.smithmoorelaw.com

ATLANTA | CHARLESTON | CHARLOTTE | GREENSBORO | GREENVILLE | RALEIGH | WILMINGTON

IV. State statutes for wireless telecommunications facilities

As with most statutory interpretation questions, the analysis starts with the definitions. A “wireless support structure” is defined as:

A new or existing structure, such as a monopole, lattice tower, or guyed tower that is designed to support or capable of supporting wireless facilities. *A utility pole is not a wireless support structure.*

See N.C.G.S. § 160A-400.51(10) (emphasis added). A “utility pole” is defined as “[a] structure that is designed for and used to carry lines, cables or wires for telephone, cable television, or electricity, or to provide lighting. See N.C.G.S. § 160A-400.51(8). Therefore, as explained in more detail below, a utility pole on which the small cell antennas are placed cannot be subject to zoning regulations.

The state’s statutory framework for wireless telecommunications can be found at N.C.G.S. § 160A-400.50 *et seq.* Regarding whether local governments have the right to regulate the deployment of small cells, the pertinent statutory provisions are Section 160A-400.51A (that governs local government’s authority to regulate wireless structures and facilities) and the definitions that are contained in Section 160A-400.51 discussed above.

Section 160A-400.51A provides:

A city may plan for and regulate the siting or modification of wireless support structures and wireless facilities in accordance with land development regulations and in conformity with this Part. Except as expressly stated, nothing in this Part shall limit a city from regulating applications to construct, modify, or maintain wireless support structures, or construct, modify, maintain, or collocate wireless facilities on a wireless support structure based on consideration of land use, public safety, and zoning considerations, including aesthetics, landscaping, structural design, setbacks, and fall zones, or State and local building code requirements, consistent with the provisions of federal law provided in G.S. 160A-400.50. For purposes of this Part, public safety includes, without limitation, federal, State, and local safety regulations but does not include requirements related to radio frequency emissions of wireless facilities. (Emphasis added).

Since cities have the statutory right to regulate the siting or modification of wireless support structures and wireless facilities, the critical issue is whether small cells located on utility poles constitute “wireless support structures” or “wireless facilities on wireless support structures” as stated in the second sentence of this section, underlined above.

Section 160A-400.51 provides the definitions of a “wireless facility” and a “wireless support structure”. The exclusion of utility poles from “wireless support structures” is discussed above.

A “wireless facility” is defined as:

The set of equipment and network components, exclusive of the underlying wireless support structure or tower, including antennas, transmitters, receivers, base stations, power supplies, cabling, and associated equipment necessary to provide wireless data and wireless telecommunications services to a discrete geographic area.

See N.C.G.S. § 160A-400.51(9).

This definition of a “wireless facility,” may be interpreted by some to apply to antennas, since they include equipment and network components; however, section 160A-400-51A allows zoning regulation of only “wireless facilities on a wireless support structure” (emphasis added), and utility poles are not “wireless support structures”.

Therefore, since the small cells will be located on utility poles -- and not on wireless support structures -- cities are not permitted by N.C.G.S. § 160A-400.51A to regulate small cells based on consideration of land use and zoning considerations. There is an important difference between land development regulations, such as those that require a building permit or electrical permit (that could be applicable to small cells), and land use and zoning regulations (that would be applicable to wireless support structures and antennas located on wireless support structures).

VI. Conclusion

Based upon the statutory construction analysis, 160A-400.51A does not enable cities and towns to require zoning applications for small cells on utility poles. Cities may require encroachment, electrical or other similar permits for attachments to utility poles; but this authority clearly does not extend to zoning and land use regulation.



Special Use Permit Application Form

433 Hay Street, Fayetteville, North Carolina 28301
910-433-1612 Fax # 910-433-1776

Submittal Date: 4-20-17 Approval/Denial Date: _____

Fee: \$700.00 (Cell Tower Fee \$2500) Received By: Karen Estep

Notes:

1. A pre-application conference is mandatory prior to submission of an application for a special use permit.
2. Applications for special use permits shall include the sketch plan from the pre-application conference or may include a site plan depicting the proposed special use.
3. Unless specified otherwise by the City Council, a Special Use Permit shall automatically expire if a Building Permit for the development authorized by the Special Use Permit is not obtained within one year after the date of issuance of the Special Use Permit, or if the development authorized by the Special Use Permit is discontinued and not resumed for a period of one year.
4. *Extension* - Upon written request submitted at least 30 days before expiration of the time period provided in accordance with Section 30-2.C.7.d.8.a above, and upon a showing of good cause, the City Manager may grant one extension not to exceed six months. Failure to submit a written request for an extension within the time limits established by this section shall result in the expiration of the Special Use Permit.

1. General Project Information

Project Address: Public right of way nearest to 600 Carol St. and 339 Devers St. respectively

Tax Parcel Identification Number: N/A public right of way

Zoning District: CC and SF-6 respectively

Overlay zoning district(s): N/A

2. Written Description of Special Use

A) Provide a written description of the proposed special use, including summary of existing uses and the proposed use/activity in detail. Also include hours and days of operation, number of employees, number of clients, etc.

Collocate telecommunications equipment on existing wooden utility poles in the public right of way. Existing use is the public right of way. The use will be for telecommunications. There are no hours or days of operation, employees nor clients.

B) Please provide a description of the zoning district designations and existing uses on adjacent properties, including across the street. (attach additional sheets if necessary)

SC-NC-0257 is located in the Community Commercial zoning district. The wooden utility pole is located in the public right of way, in a commercial area with businesses and other utility infrastructure around and near it.
SC-NC-0261 is located in Single-Family Residential 6 zoning district. The wooden utility pole is located in the public right away, and there appears to be a little league type of ballpark across the street, along with other utility infrastructure around and near the area.

3. Special Use Permit Justification. Answer all questions in this section (attach additional sheets as necessary).

A) Indicate how the special use complies with all applicable use-specific standards in the City Code of Ordinances.

Fibertech' placing of telecommunications equipment upon utility poles in the public right of way for the purposes of advanced mobile broadband services is consistent with the City's use-standards. These use-standards contemplate the importance of providing telecommunications services to the community quickly and efficiently. Since Fibertech uses wooden utility poles instead of the much larger monopoles, there is a lesser visual impact to the community. The City has already approved the wooden utility poles and Fibertech merely wishes to now add its telecommunications equipment upon said poles. The equipment will have a positive impact on the community by improving public safety. There is no lighting concern because these are standard wooden utility poles. Setbacks are not applicable because this is a utility collocation in the public right of way. Additionally, given the location of Fibertech's poles which the equipment attaches to are in the public right of way, screening, buffering and landscaping are not applicable.

B) Describe how the special use is compatible with the character of surrounding lands and the uses permitted in the zoning district(s) of surrounding lands.

The locations are in active utility public rights of way areas with existing telecommunications, cable-TV and electrical utilities, along with SC-NC-0261 being across from what appears to be a little league baseball field with lights.

C) Indicate how the special use avoids significant adverse impact on surrounding lands regarding service delivery, parking and loading, odors, noise, glare, and vibration.

This special use request has no adverse impact on surrounding lands regarding service delivery, parking and loading, odors, noise, glare and vibration due to the fact that we are only seeking to put telecommunications equipment on existing wooden utility poles located in the public right of way.

D) Demonstrate how the special use is configured to minimize adverse effects, including visual impacts of the proposed use on adjacent lands.

This special use request is for telecommunications equipment on wooden utility poles in the public right of way. The areas in which we are seeking to put said equipment on poles is an area which already has other utility wooden poles in the area. There will be little, if any, visual impacts on adjacent lands.

E) Explain how the special use avoids significant deterioration of water and air resources, wildlife habitat, scenic resources, and other natural resources.

Placing telecommunications equipment on a wooden utility pole in the public right of way will not have any negative impact on the water and air resources, wildlife habitat, scenic resources or any other natural resources.

F) Indicate how the special use maintains safe ingress and egress onto the site and safe road conditions around the site.

The special uses being sought have no impact on ingress or egress in that these are standard wooden utility poles, both located in the public right of way, for which we are seeking to place telecommunications equipment upon. As a result of both poles being in the right of way, the setback requirement is not applicable nor would the screening, buffering or landscaping provisions be.

G) Demonstrate how the special use allows for the protection of property values and the ability of neighboring lands to develop the uses permitted in the zoning district.

There will be no noise, odor or traffic impacts from either of these poles nor the equipment upon them.

H) The special use complies with all other relevant City, State and Federal laws and regulations

The special use associated with this permit complies with all local, State and Federal laws and regulations. Fibertech sought the counsel of a North Carolina law firm with an expertise in Telecommunications Law, and their full discussion of the State governing law is attached hereto. As evidenced by North Carolina's law regarding small cell antennas and the legal analysis of such, Fibertech is compliant. Fiber Technologies Networks, L.L.C. is a telecommunications public utility and requires this equipment to provide advanced telecommunications services, pursuant to 47 U.S.C. 253.

5. Submittal Requirement Checklist

(Submittals should include 2 copies of listed items, unless otherwise stated.)

ENCLOSURE ☐ Pre-application Conference completed

- | | |
|-------------------------------------|--|
| ☒ | Application fee |
| ☒ | Completed site plan (information required includes parking, ingress, egress, fencing, play areas, setbacks, square footage of building, landscaping, etc.) |
| ☒ | Special Use Permit Application Form |
| ☐ | Vested Rights Certificate (if requested) |
| ☐ | Copy of recorded deed |
| ☐ | Copy of an approved Certificate of Appropriateness (COA) if located within the HLO |
| ☐ | Proposed or existing development name (if different from project name) |
| ☐ | Traffic impact analysis (if required) |
| ☐ | Any additional information determined to be necessary by the Development Services Department |

6. Primary Point of Contact Information for the Pre-application Conference

Primary Point of Contact Name: DeAnna Scarfone, Fiber Technologies Networks, L.L.C.

Mailing Address: 300 Meridian Centre Blvd., Rochester, NY 14618

Fax No.:

Phone No.: 585-568-8465

Email:

dscarfone@lighttower.com

7. Owner Information

Owner Name: City of Fayetteville Public Right of Way

Mailing Address:

Fax No.:

Phone No.: 910-433-1612

Email:

Signature:

Date:

MEMORANDUM

TO: Fiber Technologies Networks, L.L.C.

FROM: Karen M. Kemerait and M. Gray Styers, Jr.

DATE: January 27, 2017

RE: Small Cell Antenna Networks – Exemption from Zoning Regulation

I. Introduction

Fiber Technologies Networks, L.L.C. (“Fibertech”) is seeking to deploy small cell antenna facilities on “utility poles,” as defined by N.C.G.S. § 160A-400.51(8), in cities and towns in North Carolina. A few municipalities have been attempting to regulate the siting of small cells on utility poles by requiring Fibertech to submit zoning applications and to comply with land use and zoning regulations.

II. Question Presented and Short Answer

The issue is whether the installation of small cells on utility poles can be regulated under local zoning and land use regulations.

The short answer is no; they are expressly exempt, by state statute, from local zoning regulations.

III. Local government’s authority to regulate

In North Carolina, local governments have no inherent power absent state statutory authorization. Municipalities and counties are created by the state and can exercise only those powers that have been expressly delegated to them by the North Carolina General Assembly. *See* N.C.G.S. § 160A-174; *see also Land Use Law in North Carolina*, David W. Owens (2006). If a local ordinance is inconsistent or in conflict with state or federal laws, the ordinance or ordinance provision will be deemed to be invalid. *Craig v. County of Chatham*, 356 N.C. 40, 565 S.E.2d 172 (2002); *Granville Farms, Inc. v. County of Granville*, 170 N.C. App. 109, 612 S.E.2d 156 (2005). A local government may not use its general authority -- or the rule of broad statutory construction -- to circumvent limitations imposed by statute. *BellSouth Communications, Inc. v. City of Laurinburg*, 168 N.C. App. 75, 606 S.E.2d 721 (2005).

IV. State statutes for wireless telecommunications facilities

As with most statutory interpretation questions, the analysis starts with the definitions. A “wireless support structure” is defined as:

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See N.C.G.S. § 160A-400.51(10) (emphasis added). A “utility pole” is defined as “[a] structure that is designed for and used to carry lines, cables or wires for telephone, cable television, or electricity, or to provide lighting. *See* N.C.G.S. § 160A-400.51(8). Therefore, as explained in more detail below, a utility pole on which the small cell antennas are placed cannot be subject to zoning regulations.

The state’s statutory framework for wireless telecommunications can be found at N.C.G.S. § 160A-400.50 *et seq.* Regarding whether local governments have the right to regulate the deployment of small cells, the pertinent statutory provisions are Section 160A-400.51A (that governs local government’s authority to regulate wireless structures and facilities) and the definitions that are contained in Section 160A-400.51 discussed above.

Section 160A-400.51A provides:

A city may plan for and regulate the siting or modification of wireless support structures and wireless facilities in accordance with land development regulations and in conformity with this Part. Except as expressly stated, nothing in this Part shall limit a city from regulating applications to construct, modify, or maintain wireless support structures, or construct, modify, maintain, or collocate wireless facilities on a wireless support structure based on consideration of land use, public safety, and zoning considerations, including aesthetics, landscaping, structural design, setbacks, and fall zones, or State and local building code requirements, consistent with the provisions of federal law provided in G.S. 160A-400.50. For purposes of this Part, public safety includes, without limitation, federal, State, and local safety regulations but does not include requirements related to radio frequency emissions of wireless facilities. (Emphasis added).

Since cities have the statutory right to regulate the siting or modification of wireless support structures and wireless facilities, the critical issue is whether small cells located on utility poles constitute “wireless support structures” or “wireless facilities on wireless support structures” as stated in the second sentence of this section, underlined above.

Section 160A-400.51 provides the definitions of a “wireless facility” and a “wireless support structure”. The exclusion of utility poles from “wireless support structures” is discussed above.

A “wireless facility” is defined as:

The set of equipment and network components, exclusive of the underlying wireless support structure or tower, including antennas, transmitters, receivers, base stations, power supplies, cabling, and associated equipment necessary to provide wireless data and wireless telecommunications services to a discrete geographic area.

See N.C.G.S. § 160A-400.51(9).

This definition of a “wireless facility,” may be interpreted by some to apply to antennas, since they include equipment and network components; however, section 160A-400-51A allows zoning regulation of only “wireless facilities on a wireless support structure” (emphasis added), and utility poles are not “wireless support structures”.

Therefore, since the small cells will be located on utility poles -- and not on wireless support structures -- cities are not permitted by N.C.G.S. § 160A-400.51A to regulate small cells based on consideration of land use and zoning considerations. There is an important difference between land development regulations, such as those that require a building permit or electrical permit (that could be applicable to small cells), and land use and zoning regulations (that would be applicable to wireless support structures and antennas located on wireless support structures).

VI. Conclusion

Based upon the statutory construction analysis, 160A-400.51A does not enable cities and towns to require zoning applications for small cells on utility poles. Cities may require encroachment, electrical or other similar permits for attachments to utility poles; but this authority clearly does not extend to zoning and land use regulation.



Pre-application Conference Request

433 Hay Street, Fayetteville, North Carolina 28301
910-433-1612 Fax # 910-433-1776

Meeting Date: _____

Notes:

1. Pre-application conferences are required prior to submitting any application for a: map amendment, conditional map amendment, planned development, major site plan, subdivision plan, special use permit, variance, subdivision waiver, or Certificates of Appropriateness. **Pre-applications are encouraged for minor site plans to provide up-front information that may affect your development.** Pre-application conferences are voluntary for all other development review processes and applications.
2. Pre-application conferences are not binding on the City. Comments made during a pre-application conference do not constitute official assurances or representations by the City or its officials regarding any aspect of a proposed plan or application.
3. Please reference Article 30-2 Section B 5. Pre Application Conference for more information.

1. General Project Information

Project Name:	SC-NC-0257 and SC-NC-0261		
Project Address:	Public right of way nearest to 600 Carol St. and 339 Devers St. respectively	Lot Area/Acreage:	4sf
Parcel Identification Number:	N/A	Zoning District:	SC-NC-0257: CC SC-NC-0261: SF6

2. Written Description of the Proposed Project

A) Provide a written description of the proposed project and/or activities. If the conference is related to a variance or subdivision waiver, please include the application for those request.

Fiber Technologies Networks, L.L.C ("Fibertech") is a certificated public utility within the State of North Carolina and operates exclusively within the public right of way. Fibertech seeks to collocate telecommunications equipment upon utility poles nearest to 600 Carol Street and the other nearest to 339 Devers St. for the purposes of advanced mobile broadband services. Both of these poles are in proximity to other existing wooden utility poles and blend with other existing utility infrastructure in a way that conforms with the aesthetics of the surrounding community, which will not be impacted by placing telecommunications equipment on the poles. Additionally, both of these poles, once collocated, will improve public safety by providing an additional E911 location which will assist first responders in locating a caller even when that caller cannot provide their exact location.

B) Provide a written description of any existing or potential conditions that will be associated with the application, if applicable.

Not applicable.

C) Provide any questions for the City staff you would like to discuss at the conference (attach additional sheets as necessary).

None at this time.

3. Primary Point of Contact Information for the Pre-application Conference

Primary Point of Contact Name:	DeAnna Scarfone, Fiber Technologies Networks, L.L.C		
Mailing Address:	300 Meridian Centre Blvd., Rochester, NY 14618	Fax No.:	
Phone No.:	(585) 568-8465	Email:	dscarfone@lighttower.com

4. Property Owner Information (if different from the primary point of contact)

Property Owner Contact Name:	City of Fayetteville Public Right of Way		
Mailing Address:	433 Hay St. Fayetteville, NC 28301	Fax No.:	910-433-1776
Phone No.:	910-433-1612	Email:	
Property Owner or Authorized Signature:			Date Signed:

5. Submittal Requirement Checklist

☐	Pre-application Conference Request Form
☐	Vicinity map (at a scale of 1" = 100' or less), if the proposal is associated with a particular lot or site
☐	All applicable base and overlay zoning district designations and boundary lines, if proposal is associated with a lot or site
☐	Applications for a variance or waiver if the conference is associated with an application for a variance or subdivision waiver
☐	Existing and potential conditions of use associated with the application, if applicable
☐	Sketch Plan - Pre-application conferences associated with a planned development, conditional rezoning, major site plan, subdivision plan, or special use permit with conditions require submittal of a sketch plan, indicating the following features:
	Lot or site boundaries and easements, as depicted on a survey (prepared by a licensed surveyor or engineer) or a copy of a current valid plat
	Approximate location of significant natural resources, like streams, wetlands, shorelines, or specimen trees, and topographic contours
	General location of existing and proposed stormwater facilities
	General location of existing street and sidewalk networks, as well as any proposed changes
	Required open space areas and parkland area if applicable
	Approximate location of existing and proposed buildings, if applicable
	Total number of proposed units and/or lots
	Approximate location of existing and proposed off-street parking areas and accessways, if applicable
	Approximation of proposed building footprint(s)
	Sketch, diagram, or photographic example of front building elevations if the application includes a multi-family, commercial, or mixed-use building
	Approximate location of perimeter buffers, if applicable
	New and proposed landscaping and location of existing specimen trees (indicate if the specimen trees be saved)
	Existing or proposed location of development entry sign, if applicable
	Roadway improvements such as turn lanes, medians, right-of-way dedication, and traffic calming devices
	Other required/proposed information such as bike parking, pedestrian accesses, etc.

SMALL CELL
PROPOSED NODE SC-NC 0261 LOCATION
FAYETTEVILLE, NC



LOCATION: FAYETTEVILLE, NORTH CAROLINA
35.06812° -78.92317°

POLE DINNIA: **FIBERTECH**

NOTES:

DEPT. OF ENVIRONMENT



PREPARED BY:

UC SYNERGETIC
Innovative Trading, Engineered Solutions.

21 OXFORD RD
MANSFIELD, MA 02048

800.666.6700
1-508-337-2600

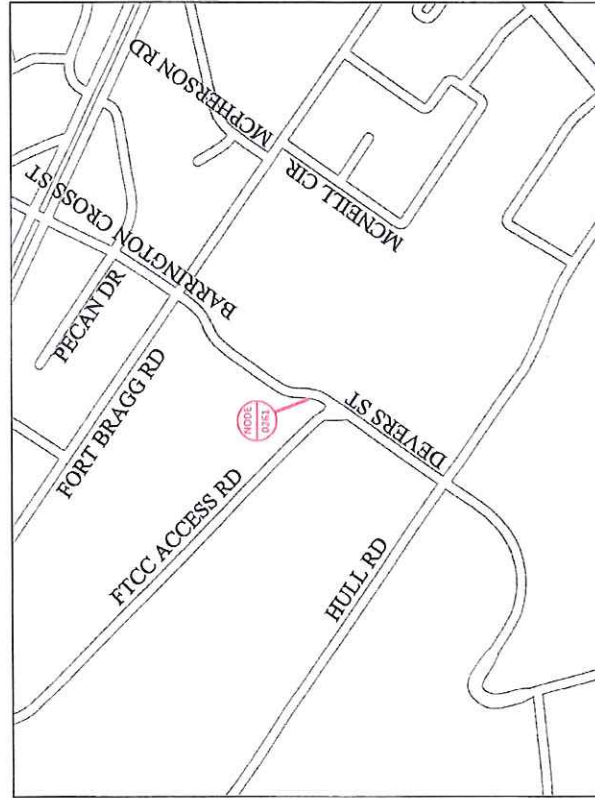
MANSFIELD, MA 02048
1-508-337-7600
www.tremco.com

FIBERTECH SMALL CELL
LOCATION MAPS

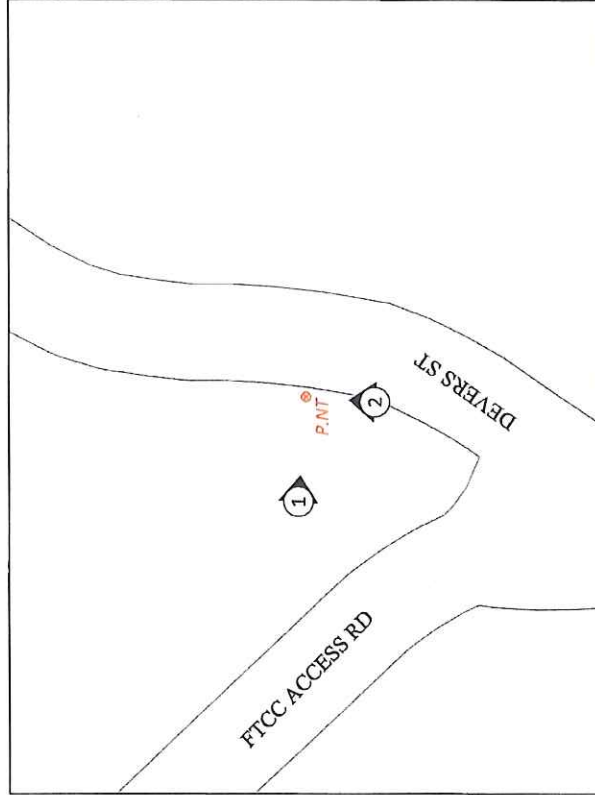
	REVISED		
INTV	DESCRIPTION	DATE	
(0)	REVEALED TO REFLECT NEW POLS SET	06/29/77	
SUBMITTER:	REF:		
SCALE:	AJ NOTED		
ISSUE DATE:	03/28/77		
INDEX NAME:	IC-WC0551		
PAGE #:	1 OF 12		

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2000 1 08 12



LOCATION MAP
LAT: 35.06812° LONG: -78.92317°
1" = 500'



NODE PLACEMENT
1" = 50'

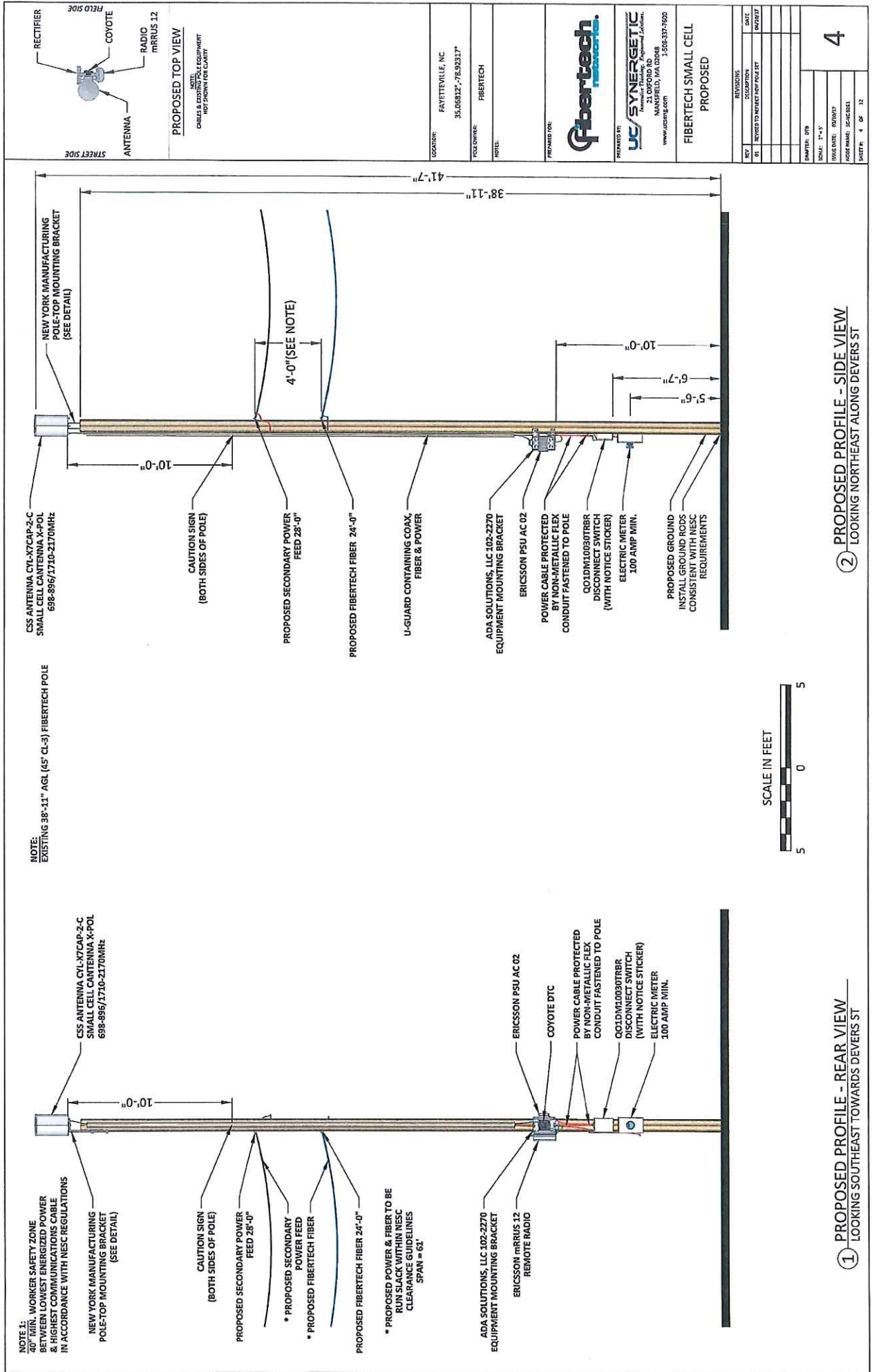
NOTE:
EXISTING 38'-11" AGL (45' CL-3) FIBERTECH POLE

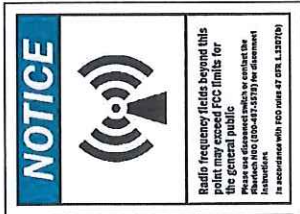


① EXISTING PROFILE - REAR VIEW
LOOKING SOUTHEAST TOWARDS DEVERS ST

② EXISTING PROFILE - SIDE VIEW
LOOKING NORTHEAST ALONG DEVERS ST

LOCATION:	FAVETTEVILLE, NC	
35.068127, -78.923177		
POLE OWNER:	FIBERTECH	
NOTES:		
PREPARED FOR:	FIBERTECH	
PREPARED BY:	UC/SYNERGETIC	
21 OXFORD RD		
MADEIRA PARK, VA 22063		
www.lactec.com	1-800-337-7600	
FIBERTECH SMALL CELL		
EXISTING		
REVISIONS		
REV	DESCRIPTION	DATE
1	REVISED TO INCLUDE ANTENNA LATTICE	04/19/17
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Host (B1)			Remote (D1)			
Color	TX	RX	Technologies	Color	TX	RX
		SFP Label				SFP Label
Purple	1471	1491	1900 PCS LTE	Gray	1491	1471
Green	1511	1531	850 CDMA	Blue	1531	1511
Orange	1551	1571	700 LTE	Yellow	1571	1551
Brown	1591	1611	2100 AWS LTE	Red	1611	1591

9.0.2 Connecting External Alarm Cable to External Equipment

Connect the external alarm cable to the external equipment, using the following cable data:

The diagram shows a bundle of seven colored wires (yellow, green, grey, pink, blue, violet, brown) connected to a central point, with labels Alarm A through Alarm F below them.

Alarm	Color
Alarm A	Yellow conductor
Alarm B	Green conductor
Alarm C	Grey conductor
Alarm D	Pink conductor
Alarm E	Blue conductor
Alarm F	Violet conductor

Alarm A

- Yellow conductor
- Green conductor

Alarm B

- Grey conductor
- Pink conductor

Alarm C

- Blue conductor
- Red conductor

Alarm D

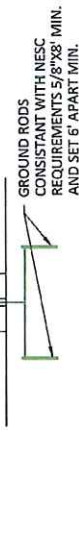
- Black conductor
- Violet conductor

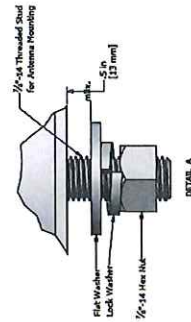
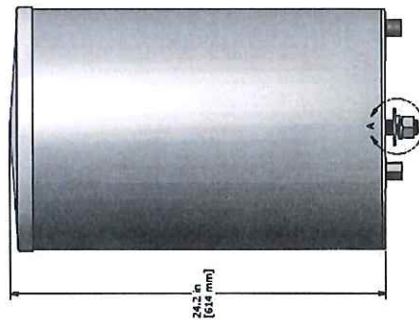
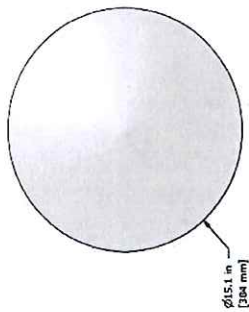
Alarm E

- Grey-pink conductor
- Red-blue conductor

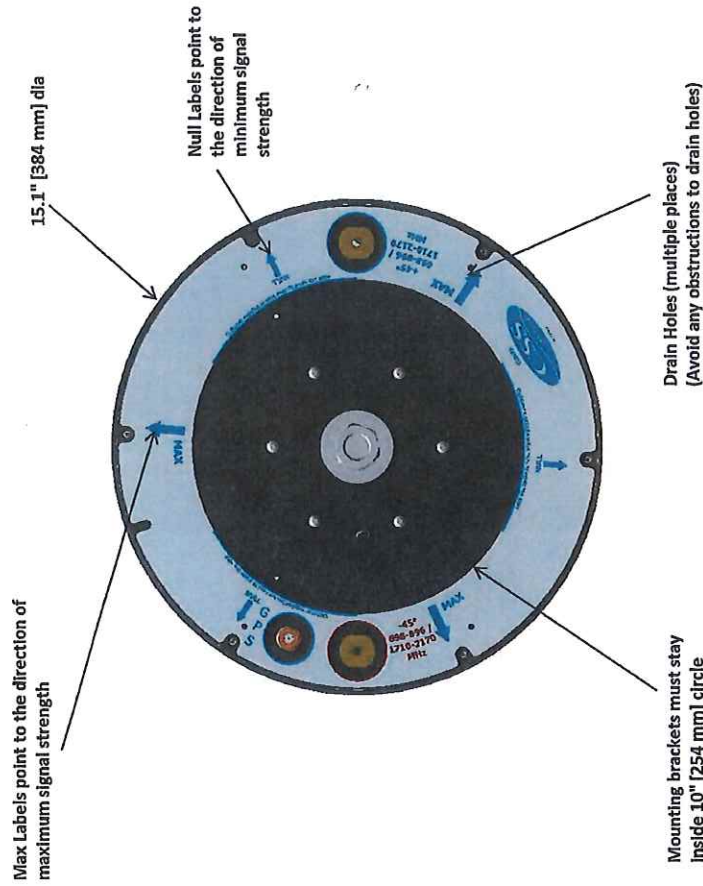
Alarm F

- Brown conductor





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

LOCATION: FAYETTEVILLE, NC

NOTES:

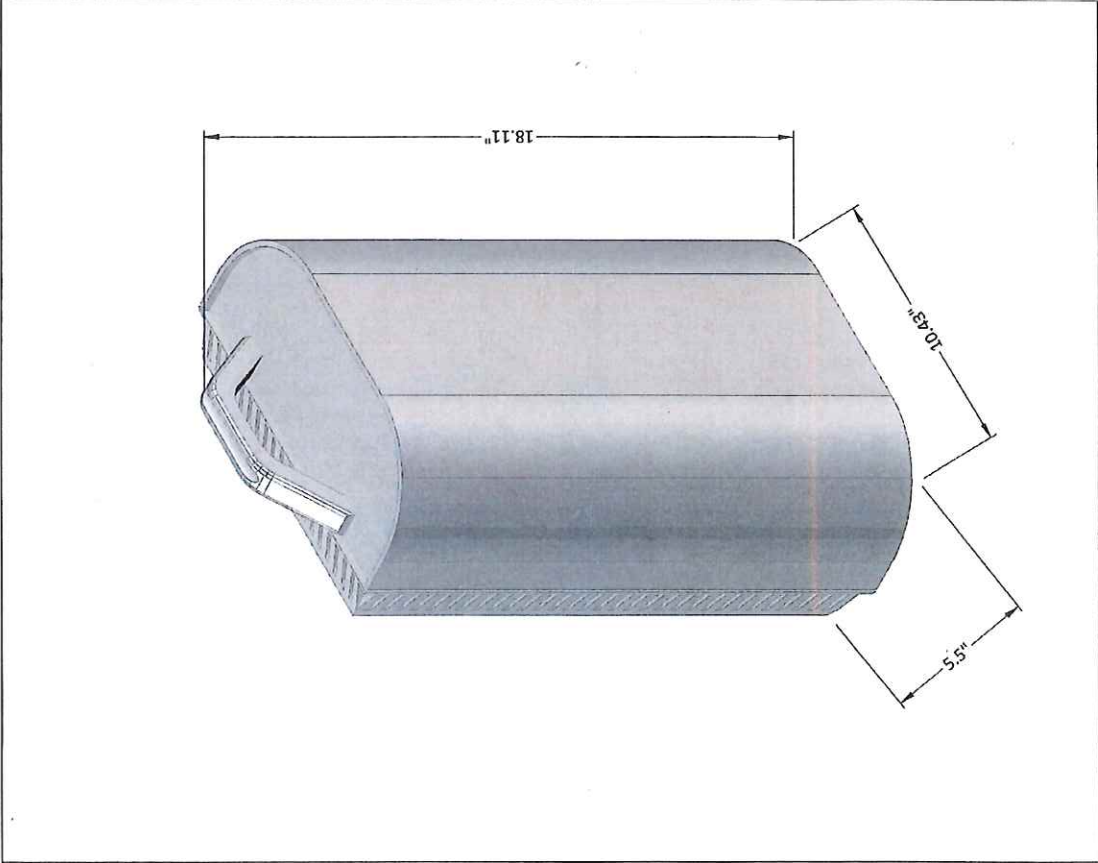
PREPARED FOR:



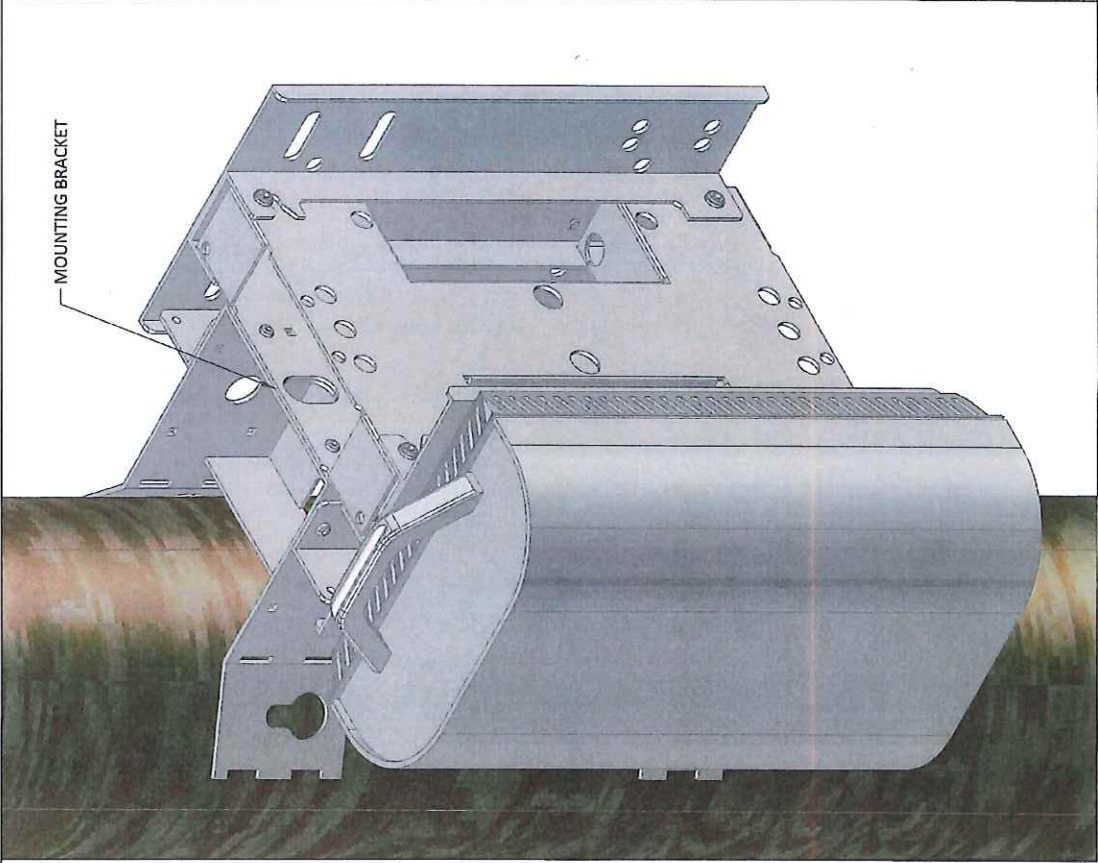
PREPARED BY:
UC/SYNERGETIC
21 OXFORD RD
MASSACHUSETTS, 01908
www.fibertech.com

FIBERTECH SMALL CELL
CSS CYL-X7CAP-2-C
ANTENNA DETAIL

REVISIONS	
REV	DESCRIPTION
1	POWER TO NULLIFIED ANTENNA
2	DATE: 01/10/17
3	DATE: 01/10/17
4	DATE: 01/10/17
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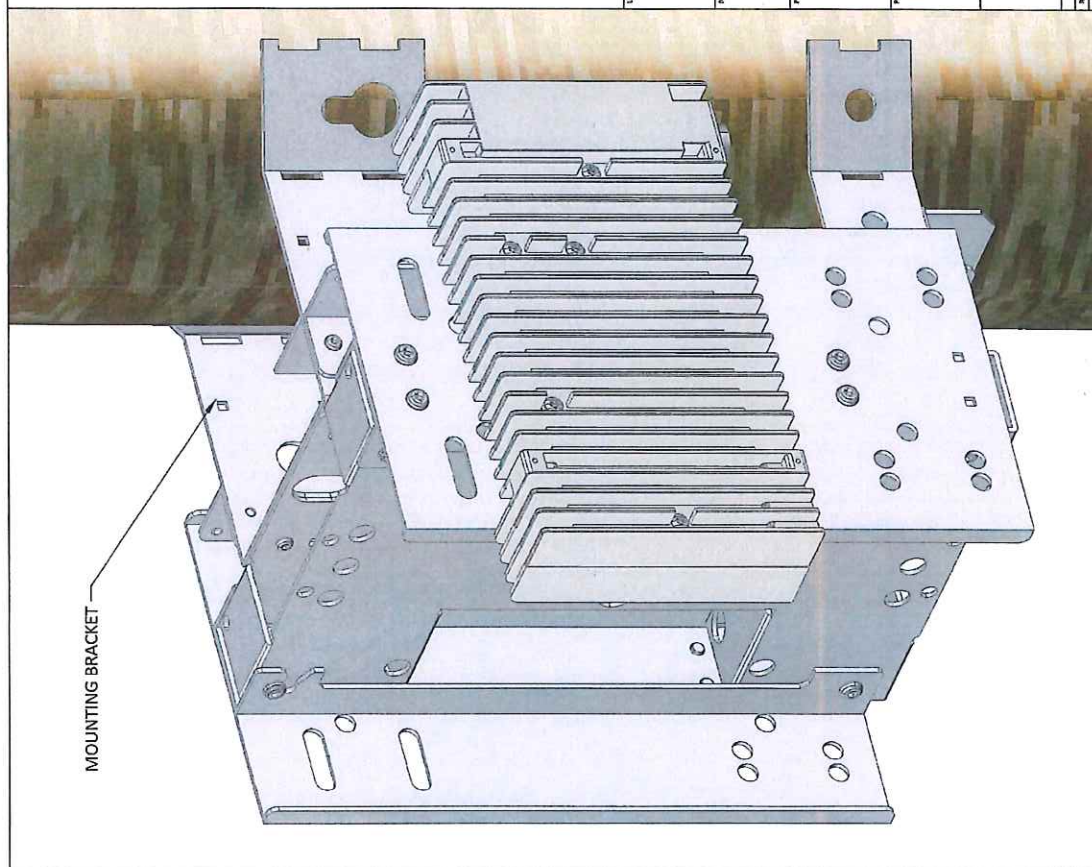
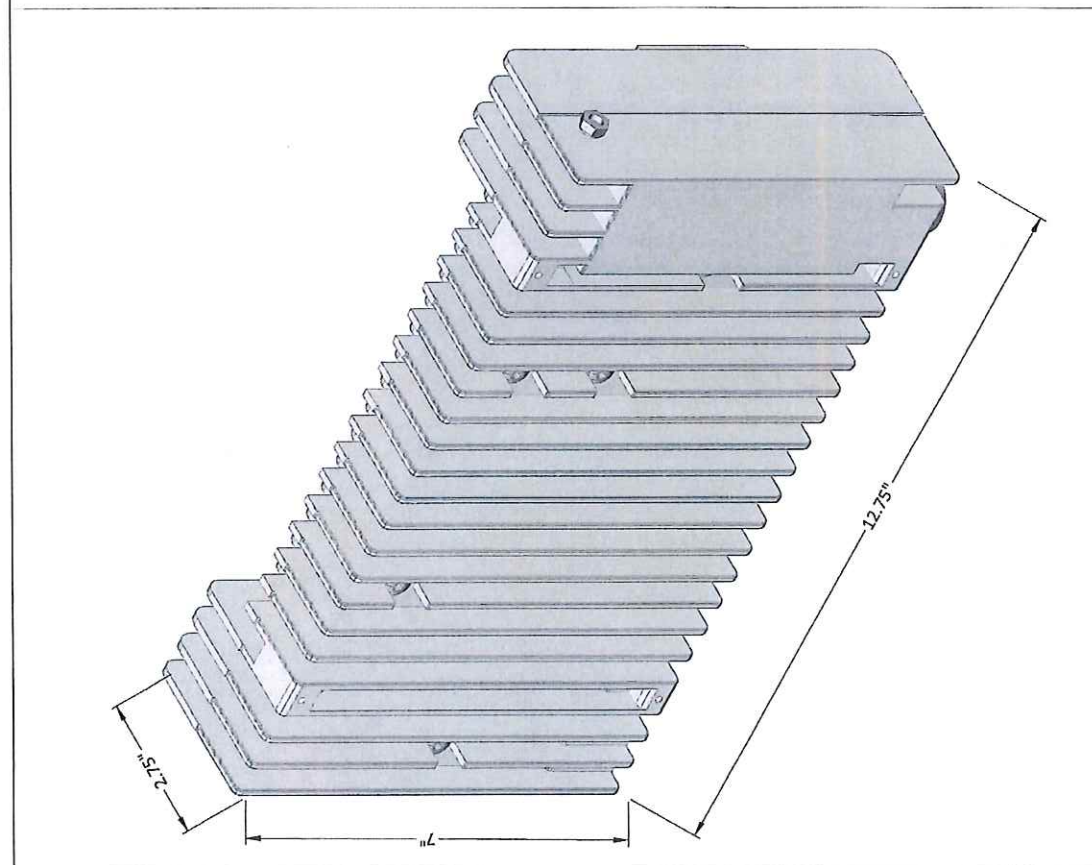


ERICSSON mRRUS 12 REMOTE RADIO
ISOMETRIC VIEW



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

LOCATION: FAYETTEVILLE, NC		NOTES:		PREPARED FOR:				PREPARED BY: UC/SYNERGETIC 21 OXFORD RD MANASSAS, VA 20108 703-797-7020 www.ucsyn.com		FIBERTECH SMALL CELL ERICSSON mRRUS 12		REVISIONS NO. DESCRIPTION DATE 01 REVISED TO REFLECT REVISED KIT 04/10/17		8	
DRAWN: JPS		CHECKED: JPS		DATE: 03/10/17		PROJECT NAME: DC-RCT-01		SHEET: 8 OF 12							



MOUNTING BRACKET -

FAYETTEVILLE, NC

NOTES:

COMPANIO FOR:



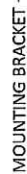
PART 37:
UC SYNERGETIC
Innovative Thinking. Engineered Solutions.
 21 OXFORD RD
 MANFIELD, MA 02048
 1-508-337-7600
www.ucsynerg.com

FIBERTECH SMALL CELL
ERICSSON
PSU AC 02

REVISIONS		
REV.	DESCRIPTION	DATE
01	REVISED TO REFLECT NEW TOOL KIT	06/27/17

9

DRAWING: DTB	
SOURCE: NYS	
ISSUE DATE: 03/18/17	
PROJECT NAME: SC-MCD251	



10

REVISIONS		DATE
REV	DESCRIPTION	
01	REVISED TO REFLECT NEW POLE SET	06/09/17

10

DRAWING: DTB	
SCALE: NTS	
ISSUE DATE: 03/10/17	
PROJECT NAME: SCANDI CELL	
SHEET: 10 OF 12	

LOCATION: FAYETTEVILLE, NC

NOTES:

PREPARED FOR:

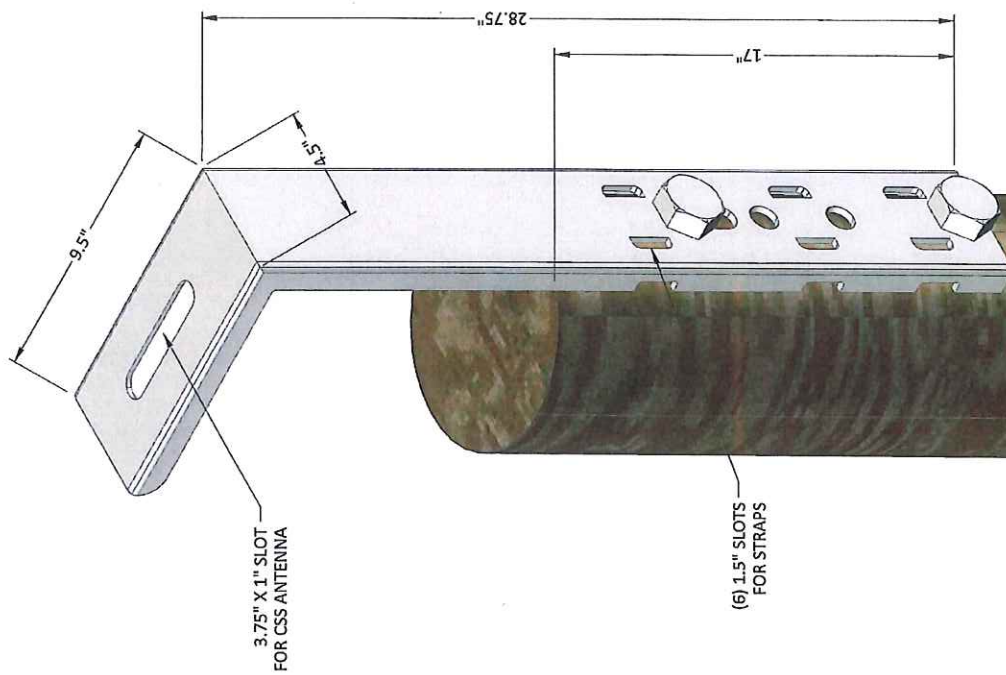


PREPARED BY:

UC / SYNERGETIC
Sensitive Thinning, Engineered Solutions.

21 OXFORD RD
MANSFIELD, MA 02048
1-508-337-7600
www.ucsyng.com

**FIBERTECH SMALL CELL
COYOTE DTC**



NEW YORK MANUFACTURING POLE TOP BRACKET FOR CSS ANTENNA

REVISIONS		11	
REF	DESCRIPTION	SCALE	DATE
01	REVISED TO REFLECT NEW POLE SET	ISSUE DATE: 01/26/17	04/19/17
		PROJECT NAME: SC MACCIEL	
EMPTY: 07A			

11

DISPATCH: 0718	SCALE: NTS	ISSUE DATE: 03/10/17	MODE NAME: SC AND C	SC AND C
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