



Via Overnight Delivery

November 7, 2012

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Tower Sharing Application
Property Address: 50 Devine Street, North Haven, CT 06473 (the
"Property")
Applicant: New Cingular Wireless PCS, LLC d/b/a AT&T ("AT&T")

Dear Ms. Bachman:

On behalf of AT&T, enclosed in connection with the shared use of a tower located on the Property, please find an original and fifteen (15) copies of a tower sharing application package along with a check in the amount of six hundred and twenty five (\$625.00) dollars.

If you could please date stamp a copy of this letter and a copy of the check (both attached) and email them back to me, that would be greatly appreciated. If you have any questions, please contact me.

Sincerely,

Adam F. Brailard

Enclosures

Cc w/enclosures:

Honorable Michael J. Freda: First Selectman Town of North Haven, CT
Betsy Henley-Cohn, 424 Chapel Street, LLC: Property Owner

Shipment Receipt: Page #1 of 1

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SHIP DATE: Thur, Nov 7, 2013	SHIPMENT INFORMATION: UPS Ground Commercial 8.0 lbs actual wt (MarkWt) 8.00 lbs billable wt Dims: 13.00x12.00x6.00 Store Packed Pack and Ship Guarantee
EXPECTED DELIVERY DATE: FRI, NOV 8, 2013 EOD	Tracking Number: 1z2X38X50322402266 Shipment ID: MMZ920Y4KE9A1 Ship Ref 1: MP Ship Ref 2: - -
SHIP FROM: SMARTLINK, LLC ADAM BRILLARD 33 BOSTON POST RD W Marlborough MA 01752 (508) 954-7702	DESCRIPTION OF GOODS: PAPERS
SHIP TO: CONNECTICUT SITING COUNCIL MELANIE A BACHMAN, EX DIRECTOR 10 FRANKLIN SQ NEW BRITAIN CT 06051-2655 Business	SHIPMENT CHARGES: Ground Commercial \$10.90 Service Options \$0.00 Fuel Surcharge \$0.82 CMS Processing Fee \$0.20
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ShipmentID: MMZ920Y4KE9A1



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The UPS Store



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APPLICATION TO THE CONNECTICUT SITING COUNCIL
FOR AN ORDER TO APPROVE THE SHARED USE OF AN EXISTING TOWER
PURSUANT TO CONNECTICUT GENERAL STATUTE §16-50aa

APPLICANT

New Cingular Wireless PCS, LLC, d/b/a AT&T
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

50 Devine Street
North Haven, Connecticut 06473

PREPARED BY: Adam F. Braillard
Regional Land Use Manager
Smartlink, LLC
33 Boston Post Road West
Marlborough, Massachusetts 01752
508-954-7702
adam.brillard@smartlinkllc.com

TABLE OF CONTENTS

APPLICANT

New Cingular Wireless PCS, LLC, d/b/a AT&T
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

50 Devine Street
North Haven, Connecticut 06473

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Memorandum of Lease	Tab 5
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TAB 1



November 7, 2013

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Request for an Order to Approve the Shared Use of an Existing Tower
Property Address: 50 Devine Street, North Haven, CT 06473 (the "Property")
Applicant: New Cingular Wireless PCS, LLC d/b/a AT&T ("AT&T")

Dear Ms. Bachman:

This firm represents AT&T in connection with an application pursuant to Connecticut General Statute §16-50aa, as amended (the "Statute"), requesting the finding from the Connecticut Siting Council (the "Council") that the shared use of the tower and facility located on the Property (the "Facility") is technically, legally, economically and environmentally feasible, will meet public safety concerns, will avoid the unnecessary proliferation of towers and is in the public interest. AT&T further requests an order from the Council approving the shared use of the Facility.

I. The Facility

The Facility is owned by Florida Tower Partners ("FTP") and consists of a 120' monopole style tower (the "Tower") located on the Property, which is located at latitude 41° 22' 40.1" N and longitude -72° 52' 34.1" W. The Tower is currently shared by Metro PCS at an antenna centerline height of 117'. The Facility also consists of a 70' x 70' fenced compound at the base of the Tower with Metro PCS's radio equipment therein. Further, FTP has indicated that Verizon is proposing to extend the Tower to a height of 130' and install its equipment thereon and place its equipment within the fenced compound.

II. The Proposal

AT&T proposes to install a total of twelve (12) panel antennas (4 per sector) and eighteen (18) remote radio head ("RRHs") on the tower (see attached plans). The antennas and RRHs will be mounted on the Tower at a centerline of 107'. Further, AT&T proposes to install an 11'.5" x 16' equipment shelter and a generator at the base of the Tower within the

existing fenced compound. The generator and equipment shelter will be juxtaposed on a proposed 12' x 24' concrete pad. The Tower will not be increased in height and the compound will not be expanded. Moreover, no upgrades to the access road or parking area will be necessary. Please refer to Tab 3 (Engineering Drawings) of this application package for further specifications of AT&T's proposed installation.

III. Technical Feasibility

It is technically feasible for AT&T to install its equipment on the Tower. To determine the structural integrity of the Tower, AT&T and FTP performed a structural analysis of the Tower with AT&T proposed modifications and including Verizon's proposed installation. The structural analysis, dated October 11, 2013 and attached herewith (see Tab 4) concludes that the "existing pole and foundation have sufficient capacity to support the existing, reserved and proposed antenna loads as detailed...". Consequently, the shared use of the Facility is technically feasible.

IV. Legal Feasibility

Pursuant to the Statute, the Council has the authority to issue an order approving the shared use of the Facility. By issuing an order approving AT&T's use of the Facility, AT&T will be able to proceed with obtaining a building permit from the Town of North Haven for the proposed installation on the Facility. Therefore, the shared use of the Facility is legally feasible.

V. Economic Feasibility

AT&T is a federally licensed telecommunications company providing service in areas of Connecticut, including the Town of North Haven. AT&T has entered into an agreement with FTP for the purpose of locating AT&T equipment at the Facility. Consequently, the shared use of the Facility is economically feasible.

VI. Environmental Feasibility

Pursuant to the Statute, AT&T's proposed sharing of the Facility will be environmentally feasible for the following reasons:

- a. The proposal will neither increase the height of the Tower, nor expand the size of the existing fenced compound at the base of the Tower. Therefore, the proposed sharing of the Facility will have an insignificant incremental visual impact on the area surrounding the Tower and will no significant change or alter the physical or environmental characteristics of the Facility.
- b. The addition of AT&T equipment will not increase the noise levels by six (6) decibels or more.
- c. The addition of the AT&T antennas will not exceed the RF emissions standard adopted by the Federal Communications Commission ("FCC"). The cumulative "worst-case" RF emissions for the operation of the existing Metro PCS antennas and

the proposed AT&T antennas will be 20.73% of the FCC standards (see attached Tab 6, Power Density Table).

- d. The proposed installation will have no impact on the local wetlands or water resources.
- e. After installation, AT&T equipment will be unmanned and will only require monthly visits by maintenance personnel who will inspect the Facility to ensure it remains in good working order.
- f. AT&T's proposal will have no impact on water, sanitary or sewer systems or other municipal utilities. Additionally, the proposal complies with all applicable local, state and federal safety rules and regulations.

VII. Public Safety and Benefits

As referenced in Section III above, AT&T has performed a structural analysis of the Tower confirming that the Tower is structurally feasible to hold AT&T's additional equipment. Further, as referenced in Section VI.c above, AT&T has performed an analysis of the radio frequency emanating from its proposed antennas to ensure compliance with FCC standards. The analysis indicates that the maximum level of radio frequency energy emitting from the Facility after the installation of AT&T's antennas will be well below the FCC's exposure limits. Moreover, AT&T proposal is expected to enhance safety by improving wireless communications in the area of the Facility

VII. Conclusion

For the aforementioned reasons, AT&T's proposed shared use of the Facility meets all of the requirements set forth in the Statute, and the proposal advances the Council's goal of preventing the unnecessary proliferation of towers in Connecticut. Moreover, the proposal is technically, legally, economically and environmentally feasible and meets all public safety concerns. Consequently, AT&T respectfully requests that the Council issue an order approving the proposed sharing use of the Facility.

Sincerely,



Adam F. Braillard

TAB 2

CERTIFICATE OF SERVICE


This is to certify that on the 6th day of November, 2013, the foregoing application by AT&T for an Order to Approve the Shared Use of an Existing Tower was sent, via UPS, to the following:

Honorable Michael J. Freda:
First Selectman Town of North Haven, CT
18 Church Street
North Haven, CT 06473
(203) 239-5321

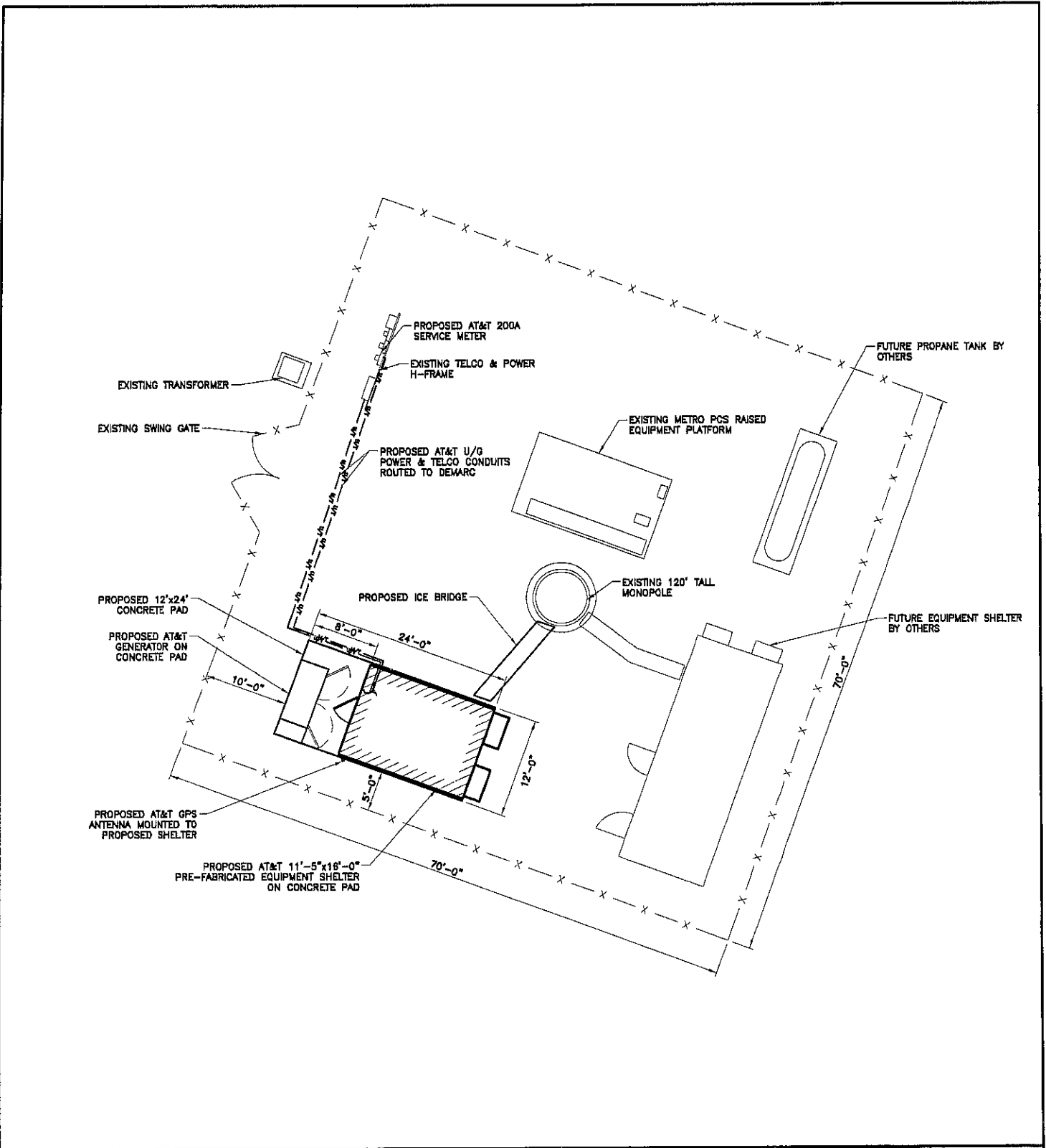
and

Betsy Henley-Cohn
424 Chapel Street, LLC
50 Devine Street
North Haven, CT 06473
(203) 467-1759

By: _____

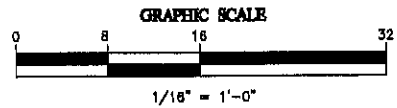

Adam F. Braillard

TAB 3



NOTE:
 ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.

SITE PLAN



APPROX. NORTH

EBC Consulting
 21 B Street
 Burlington, MA 01803
 Tel: 781.273.2500
 Fax: 781.273.3311
 www.ebcconsulting.com
 EBC JOB NO.: 81130838

smartlink
 1197 ANNAPOLIS EXCHANGE
 PARKWAY, SUITE 299
 ANNAPOLIS, MD 21401

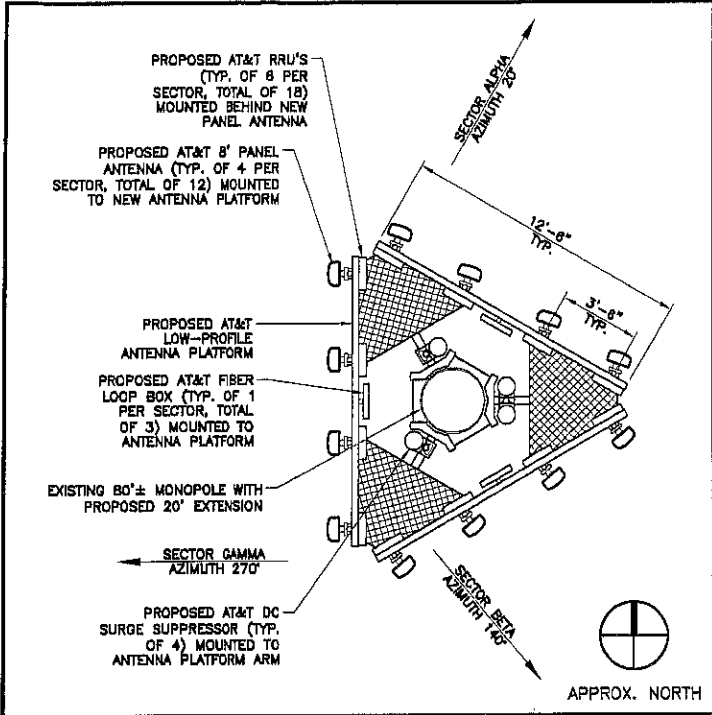
at&t
 Mobility
 550 COCHITUATE ROAD
 SUITE 13 & 14
 FRAMINGHAM, MA 01701

SITE INFO:
**NORTH HAVEN -
 DEVINE STREET
 S3506**
 50 DEVINE STREET
 NORTH HAVEN, CT 08473

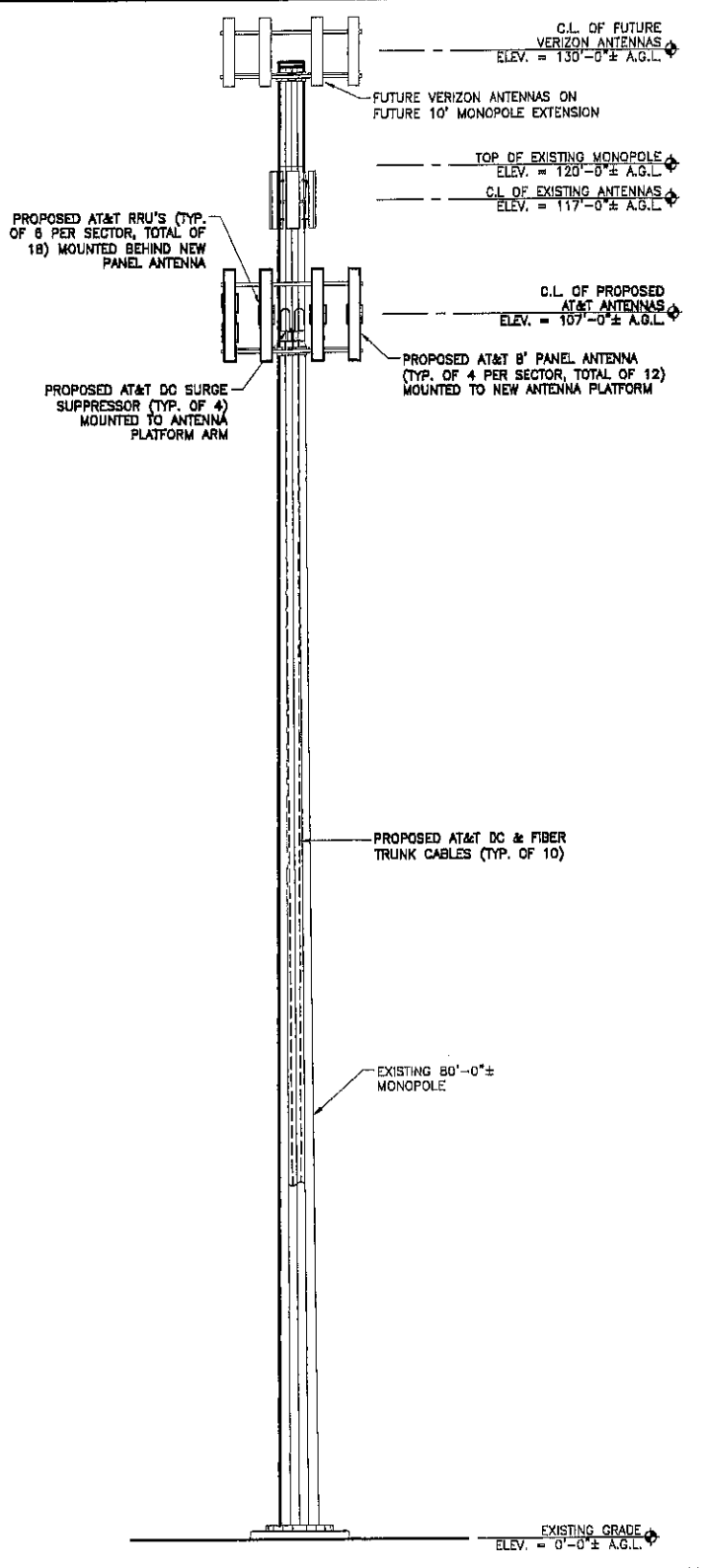
SUBMITTALS			
NO.	DATE	DESCRIPTION	BY
1	10/08/13	FOR REVIEW	CL
2	10/24/13	PER COMMENTS	JT

DRAWN BY: CL
 CHECKED BY: DD
 DATE: 10/08/13

SHEET NO:
LE-1

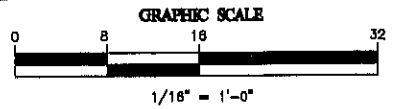


PROPOSED ANTENNA PLAN



TOWER ELEVATION

NOTE:
ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.



EBC Consulting
21 B Street
Burlington, MA 01803
Tel: 781.273.2600
Fax: 781.273.3311
www.ebcconsulting.com

smartlink
1197 ANNAPOLIS EXCHANGE
PARKWAY, SUITE 209
ANNAPOLIS, MD 21401

at&t
Mobility
550 COCHITUATE ROAD
SUITE 13 & 14
FRAMINGHAM, MA 01701

SITE INFO:
NORTH HAVEN -
DEVINE STREET
S3506
50 DEVINE STREET
NORTH HAVEN, CT 06473

SUBMITTALS				DRAWN BY:	SHEET NO.:
NO.	DATE	DESCRIPTION	BY	CL	
1	10/08/13	FOR REVIEW	CL	CHECKED BY:	LE-2
2	10/24/13	PER COMMENTS	JT	DD	
				DATE:	
				10/08/13	

EBC JOB NO.: 81130836

TAB 4

Structural Analysis Report Existing 130-Ft. Monopole

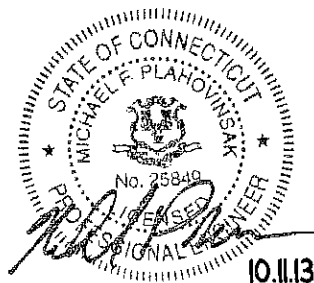
Prepared for:
Florida Tower Partners, LLC
1001 3rd Ave. West, Suite 420
Bradenton, FL 34205

MFP Project #40913-015 r1

Site Information:
C11003, North Haven
New Haven Co., Connecticut
Lat/Long: 41°22'40.1", -72°52'34.1"

Analysis Type:
ANSI/ TIA-222-G-2

Date 10/11/2013



Michael F. Plahovinsak, P.E.
18301 State Route 161 W, Plain City, OH 43064
614-398-6250 - mike@mfpeng.com

Project Summary:

We have completed a structural analysis of the existing monopole for the addition of:

- AT&T - 107-ft - (3) Andrew SBNHH-1D6565C + (3) CCI HPA-65R-BUU-H8 + (6) Ericsson KRC-118-054/1 Panel w/ (18) RRUS-11 + (4) Raycap DC6-48-60-28-8F Suppressor. (8) 3/4" + (2) 1/2" + (3) 3/8" cables.

The pole has been analyzed in accordance with the requirements of the **2006 - 2009 International Building Code**, and the recommendations of the Telecommunications Industry Association "*Structural Standard for Steel Antenna Supporting Structures*" **ANSI/TIA-222-G**.

This analysis may be considered a "Rigorous Structural Analysis" as defined in ANSI/TIA-222-G 15.5.2.

As indicated in the conclusions of this analysis, we have determined that the existing pole and foundation have *sufficient capacity* to support the existing, reserved and proposed antenna loads as detailed herein. Based on the results of our analysis, structural modifications are not required at this time.

Source of Data:

Resource	Source	Job Number	Date
Pole and Foundation Drawings	Sabre Towers	11-05062	05/12/10
Geotechnical Report	Terracon	J2105136	04/20/10

Analysis Criteria:

International Building Code (All Versions) Section 3108.4
Structural Standards for Steel Antenna Supporting Structures ANSI/TIA-222-G 2

- Basic Wind Speed 115 mph (3-Sec Gust)
- Basic Wind Speed w/ 3/4" Ice 50 mph (3-Sec Gust)
- Operational Wind Speed 60 mph (3-Sec Gust)

Structure Class	Exposure Category	Topographic Category
II (I = 1.0)	C	I

Michael F. Plahovinsak, P.E. - 2013

mike@mpeng.com

Appurtenance Listing:

Status	Elev.	Antenna / Mounting	Coax	Owner
Existing	130'	(6) Antel BXA-70063/6CF + (6) BXA-171063/12CF (6) Lucent 2x40 RRH's & (1) Distribution Box 12' Low Profile Platform	(12) 1 5/8"	Verizon
Existing	117'	(6) Andrew HBX-6516DS Panel 12' T-Arm Mounts	(12) 1 5/8"	MetroPCS
Proposed	107'	(3) Andrew SBNHH-1D6565C + (3) CCI HPA-65R-BUU-H8 (6) Ericsson KRC-118-054/1 Panel (18) Ericsson RRUS-11 + (4) DC6-48-60-28-8F Suppressor 12' T-Arm Mounts	(8) 3/4" + (2) 1/2" + (3) 3/8"	AT&T

All antenna lines assumed internally mounted, not exposed to the wind.

Foundation Analysis:

The existing monopole foundation design was analyzed in conjunction with site specific geotechnical report. The existing foundation has sufficient capacity to support the pole with the proposed antenna configuration.

Conclusion:

We have completed a structural analysis of the existing monopole and foundation in accordance with the project specifics outlined above. Our analysis indicates that the existing monopole and foundation is stressed to a maximum of 72% (Foundation Capacity Comparison) of its usable capacity when considering the existing plus proposed loading. Please refer to the attached calculations for an itemized listing of all member stress ratios. The existing pole is safe and adequate to support the proposed loads, and no structural reinforcing is required to support the above loading.

If you have any questions about the contents of this structural report or require any additional information, please feel free to contact my office.

Sincerely,

Michael F. Plahovinsak, P.E.



mike@mfpeng.com - 614.398-6250

Michael F. Plahovinsak, P.E. - 2013

mike@mfpeng.com

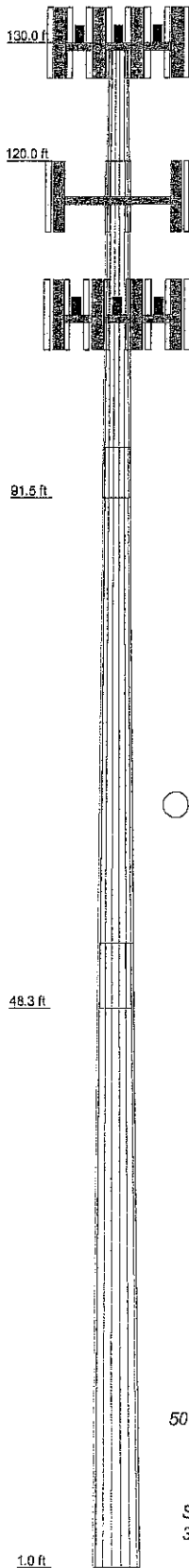
**Standard Conditions for Providing Structural Consulting
Services on Existing Structures**

1. The following standard conditions are a general overview of key issues regarding the work product supplied.
2. If the existing conditions are not as represented in this structural report or attached sketches, we should be contacted to evaluate the significance of the deviation and revise the structural assessment accordingly.
3. The structural analysis has been performed assuming that the structure is in "like new" condition. No allowance was made for excessive corrosion, damaged or missing structural members, loose bolts, etc. If there are any known deficiencies in the structure that potentially compromise structural integrity, we should be made aware of the deficiencies. If we are aware of a deficiency that exists in a structure at the time of our analysis, a general explanation of the structural concern due to the deficiency will be included in the structural report, but the deficiency will not be reflected in capacity calculations.
4. The structural analysis provided is an assessment of the primary load carrying capacity of the structure. We provide a limited scope of service in that we have not verified the capacity of every weld, plate, connection detail, etc. In most cases, structural fabrication details are unknown at the time of our analysis, and the detailed field measurement of this information is beyond the scope of our services. In instances where we have not performed connection capacity calculations, it is assumed that existing manufactured connections develop the full capacity of the primary members being connected.
5. The structural integrity of the existing foundation system can only be verified if exact foundation sizes and soils conditions are known. We will not accept any responsibility for the adequacy of the existing foundations unless this site-specific data is supplied.
6. Miscellaneous items such as antenna mounts, coax supports, etc. have not been designed, detailed, or specified as part of our work. It is assumed that material of adequate size and strength will be purchased from a reputable component manufacturer. The attached report and sketches are schematic in nature and should not be used to fabricate or purchase hardware and accessories to be attached to the structure. We recommend field measurement of the structure before fabricating or purchasing new hardware and accessories. We are not responsible for proper fit and clearance of hardware and accessory items in the field.
7. The structural analysis has been performed considering minimum code requirements or recommendations. If alternate wind, ice, or deflection criteria are to be considered, then We shall be made aware of the alternate criteria.

Michael F. Plahovinsak, P.E. - 2013

mike@mfpeng.com

Section	1	2	3	4
Length (ft)	10.00	28.50	47.50	52.75
Number of Sides	18	18	18	18
Thickness (in)	0.1875	0.2500	0.3750	0.4375
Socket Length (ft)		4.25	5.50	36.8775
Top Dia (in)	20.9000	23.1600	28.1396	48.8000
Bot Dia (in)	23.1600	29.6000	38.8700	10.6
Grade			A572-65	
Weight (K)	0.4	2.0	6.4	19.4



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	130	CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	107
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	130	(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	107
(2) Lucent 2x40 RRH (Verizon)	130	(6) Ericsson RRUS11 Dual PA RRU (ATT)	107
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	130	Andrew SBNHH-1D6565C w/ mount pipe (ATT)	107
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	130	CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	107
(2) Lucent 2x40 RRH (Verizon)	130	(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	107
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	130	(6) Ericsson RRUS11 Dual PA RRU (ATT)	107
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	130	Andrew SBNHH-1D6565C w/ mount pipe (ATT)	107
(2) Lucent 2x40 RRH (Verizon)	130	CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	107
RFS DB-T1-6Z-8AB-OZ Box (Verizon)	130	(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	107
12' Low Profile Platform (Verizon)	130	(6) Ericsson RRUS11 Dual PA RRU (ATT)	107
(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	117	(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	107
(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	117	(4) Raycap DC6-46-60-28-8F Suppressor (ATT)	107
(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	117	12' T-Arm Mounts (ATT)	107
Andrew SBNHH-1D6565C w/ mount pipe (ATT)	107		

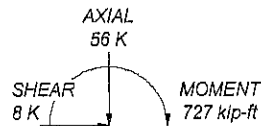
MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

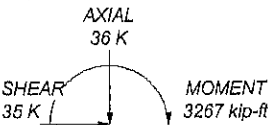
TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 115 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 68.5%

ALL REACTIONS ARE FACTORED



50 mph WIND - 0.7500 In ICE



REACTIONS - 115 mph WIND

Michael F. Plahovinsak, P.E.		Job: 130-ft Monopole - MFP #40913-015 r1	
18301 State Route 161 W Plain City, OH 43064 Phone: 614-398-6250 FAX: mike@mfpeng.com		Project: CT1003, North Haven	
Client: Florida Tower Partners	Drawn by: Mike	App'd:	
Code: TIA-222-G	Date: 10/11/13	Scale: NT	
Path: J:\Projects\400-4\mic\400 13-015\40013-015 R1.dwg		Dwg No. E	

tnxTower Michael F. Plahovinsak, P.E. 18301 State Route 161 W Plain City, OH 43064 Phone: 614-398-6250 FAX: mike@mfpeng.com	Job 130-ft Monopole - MFP #40913-015 r1	Page 1 of 6
	Project CT1003, North Haven	Date 08:13:44 10/11/13
	Client Florida Tower Partners	Designed by Mike

Tower Input Data

This tower is designed using the TIA-222-G standard.

The following design criteria apply:

Tower is located in New Haven County, Connecticut.

Basic wind speed of 115 mph.

Structure Class II.

Exposure Category C.

Topographic Category 1.

Crest Height 0.00 ft.

Nominal ice thickness of 0.7500 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Local bending stresses due to climbing loads, feedline supports, and appurtenance mounts are not considered.

Tapered Pole Section Geometry

Section	Elevation	Section Length	Splice Length	Number of Sides	Top Diameter	Bottom Diameter	Wall Thickness	Bend Radius	Pole Grade
	ft	ft	ft		in	in	in	in	
L1	130.00-120.00	10.00	0.00	18	20.9000	23.1600	0.1875	0.7500	A572-65 (65 ksi)
L2	120.00-91.50	28.50	4.25	18	23.1600	29.6000	0.2500	1.0000	A572-65 (65 ksi)
L3	91.50-48.25	47.50	5.50	18	28.1396	38.8700	0.3750	1.5000	A572-65 (65 ksi)
L4	48.25-1.00	52.75		18	36.8775	48.8000	0.4375	1.7500	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia.	Area	I	r	C	I/C	J	I/Q	w	w/t
	in	in ²	in ⁴	in	in	in ³	in ⁴	in ³	in	
L1	21.2224	12.3265	668.1027	7.3529	10.6172	62.9264	1337.0845	6.1644	3.3484	17.858
	23.5173	13.6715	911.5289	8.1552	11.7653	77.4762	1824.2571	6.8371	3.7462	19.98
L2	23.5173	18.1791	1205.4790	8.1331	11.7653	102.4607	2412.5442	9.0913	3.6362	14.545
	30.0566	23.2892	2534.5957	10.4193	15.0368	168.5595	5072.5265	11.6468	4.7696	19.078
L3	29.5486	33.0469	3218.4903	9.8565	14.2949	225.1489	6441.2155	16.5266	4.2926	11.447
	39.4696	45.8187	8578.0508	13.6657	19.7460	434.4205	17167.3888	22.9137	6.1811	16.483
L4	38.7087	50.6015	8489.0461	12.9362	18.7338	453.1409	16989.2624	25.3056	5.7204	13.075
	49.5528	67.1574	19844.8883	17.1687	24.7904	800.5070	39715.8890	33.5851	7.8188	17.872

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Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Component Type	Placement ft	Total Number	C _{AA}			Weight plf
						No Ice	1/2" Ice	1" Ice	
1 5/8" (Verizon)	C	No	Inside Pole	130.00 - 1.00	12	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.92 0.92 0.92	
*** 1 5/8" (MetroPCS)	C	No	Inside Pole	117.00 - 1.00	12	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.92 0.92 0.92	
*** 3/4" (ATT)	C	No	Inside Pole	107.00 - 1.00	8	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.33 0.33 0.33	
1/2" (ATT)	C	No	Inside Pole	107.00 - 1.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.15 0.15 0.15	
5/8" (ATT)	C	No	Inside Pole	107.00 - 1.00	3	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.15 0.15 0.15	

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment °	Placement ft	C _{AA}		Weight K
			Horz Lateral ft	Vert ft			Front ft ²	Side ft ²	
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	A	From Face	3.00	0.0000	130.00	No Ice	7.75	5.18	0.04
			0.00	0.00		1/2" Ice	8.29	6.11	0.09
			0.00	0.00		1" Ice	8.85	6.92	0.16
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	A	From Face	3.00	0.0000	130.00	No Ice	4.98	5.93	0.04
			0.00	0.00		1/2" Ice	5.43	6.87	0.08
			0.00	0.00		1" Ice	5.89	7.69	0.14
(2) Lucent 2x40 RRH (Verizon)	A	From Face	3.00	0.0000	130.00	No Ice	1.20	2.25	0.01
			0.00	0.00		1/2" Ice	1.35	2.45	0.03
			0.00	0.00		1" Ice	1.51	2.66	0.05
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	B	From Face	3.00	0.0000	130.00	No Ice	7.75	5.18	0.04
			0.00	0.00		1/2" Ice	8.29	6.11	0.09
			0.00	0.00		1" Ice	8.85	6.92	0.16
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	B	From Face	3.00	0.0000	130.00	No Ice	4.98	5.93	0.04
			0.00	0.00		1/2" Ice	5.43	6.87	0.08
			0.00	0.00		1" Ice	5.89	7.69	0.14
(2) Lucent 2x40 RRH (Verizon)	B	From Face	3.00	0.0000	130.00	No Ice	1.20	2.25	0.01
			0.00	0.00		1/2" Ice	1.35	2.45	0.03
			0.00	0.00		1" Ice	1.51	2.66	0.05
(2) Antel BXA-70063/6CF w/ mount pipe (Verizon)	C	From Face	3.00	0.0000	130.00	No Ice	7.75	5.18	0.04
			0.00	0.00		1/2" Ice	8.29	6.11	0.09
			0.00	0.00		1" Ice	8.85	6.92	0.16
(2) Antel BXA-171063/12CF w/ mount pipe (Verizon)	C	From Face	3.00	0.0000	130.00	No Ice	4.98	5.93	0.04
			0.00	0.00		1/2" Ice	5.43	6.87	0.08
			0.00	0.00		1" Ice	5.89	7.69	0.14
(2) Lucent 2x40 RRH (Verizon)	C	From Face	3.00	0.0000	130.00	No Ice	1.20	2.25	0.01
			0.00	0.00		1/2" Ice	1.35	2.45	0.03
			0.00	0.00		1" Ice	1.51	2.66	0.05
RFS DB-T1-6Z-8AB-OZ Box (Verizon)	C	None		0.0000	130.00	No Ice 1/2" Ice	5.60 5.92	2.33 2.56	0.04 0.08

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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _A A _A		Weight
			Horz	Lateral			Front	Side	
			ft	ft	°	ft	ft ²	ft ²	K
						1" Ice	6.24	2.79	0.12
12' Low Profile Platform (Verizon)	C	None			0.0000	No Ice	14.00	14.00	1.10
						1/2" Ice	16.00	16.00	1.70
						1" Ice	18.00	18.00	2.30

(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	A	From Face	3.00	0.00	0.0000	No Ice	3.49	3.17	0.12
			0.00	0.00		1/2" Ice	3.87	3.80	0.15
			0.00	0.00		1" Ice	4.28	4.43	0.19
(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	B	From Face	3.00	0.00	0.0000	No Ice	3.49	3.17	0.12
			0.00	0.00		1/2" Ice	3.87	3.80	0.15
			0.00	0.00		1" Ice	4.28	4.43	0.19
(2) Andrew HBX-6516DS w/ mount pipe (MetroPCS)	C	From Face	3.00	0.00	0.0000	No Ice	3.49	3.17	0.12
			0.00	0.00		1/2" Ice	3.87	3.80	0.15
			0.00	0.00		1" Ice	4.28	4.43	0.19
12' T-Arm Mounts (MetroPCS)	C	None			0.0000	No Ice	12.00	12.00	1.14
						1/2" Ice	18.00	18.00	1.27
						1" Ice	24.00	24.00	0.47
**									
Andrew SBNHH-1D6565C w/ mount pipe (ATT)	A	From Face	3.00	0.00	0.0000	No Ice	11.47	9.48	0.09
			0.00	0.00		1/2" Ice	12.08	10.90	0.17
			0.00	0.00		1" Ice	12.71	12.17	0.27
CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	A	From Face	3.00	0.00	0.0000	No Ice	10.36	7.88	0.07
			0.00	0.00		1/2" Ice	10.93	8.84	0.15
			0.00	0.00		1" Ice	11.50	9.68	0.24
(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	A	From Face	3.00	0.00	0.0000	No Ice	12.24	12.59	0.23
			0.00	0.00		1/2" Ice	12.87	14.03	0.33
			0.00	0.00		1" Ice	13.56	15.32	0.45
(6) Ericsson RRUS11 Dual PA RRU (ATT)	A	From Face	3.00	0.00	0.0000	No Ice	2.55	0.92	0.05
			0.00	0.00		1/2" Ice	2.77	1.07	0.06
			0.00	0.00		1" Ice	2.99	1.23	0.08
Andrew SBNHH-1D6565C w/ mount pipe (ATT)	B	From Face	3.00	0.00	0.0000	No Ice	11.47	9.48	0.09
			0.00	0.00		1/2" Ice	12.08	10.90	0.17
			0.00	0.00		1" Ice	12.71	12.17	0.27
CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	B	From Face	3.00	0.00	0.0000	No Ice	10.36	7.88	0.07
			0.00	0.00		1/2" Ice	10.93	8.84	0.15
			0.00	0.00		1" Ice	11.50	9.68	0.24
(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	B	From Face	3.00	0.00	0.0000	No Ice	12.24	12.59	0.23
			0.00	0.00		1/2" Ice	12.87	14.03	0.33
			0.00	0.00		1" Ice	13.56	15.32	0.45
(6) Ericsson RRUS11 Dual PA RRU (ATT)	B	From Face	3.00	0.00	0.0000	No Ice	2.55	0.92	0.05
			0.00	0.00		1/2" Ice	2.77	1.07	0.06
			0.00	0.00		1" Ice	2.99	1.23	0.08
Andrew SBNHH-1D6565C w/ mount pipe (ATT)	C	From Face	3.00	0.00	0.0000	No Ice	11.47	9.48	0.09
			0.00	0.00		1/2" Ice	12.08	10.90	0.17
			0.00	0.00		1" Ice	12.71	12.17	0.27
CCI HPA-65R-BUU-H6 w/ mount pipe (ATT)	C	From Face	3.00	0.00	0.0000	No Ice	10.36	7.88	0.07
			0.00	0.00		1/2" Ice	10.93	8.84	0.15
			0.00	0.00		1" Ice	11.50	9.68	0.24
(2) Ericsson KRC-118-054/1 w/ mount pipe (ATT)	C	From Face	3.00	0.00	0.0000	No Ice	12.24	12.59	0.23
			0.00	0.00		1/2" Ice	12.87	14.03	0.33
			0.00	0.00		1" Ice	13.56	15.32	0.45
(6) Ericsson RRUS11 Dual PA RRU (ATT)	C	From Face	3.00	0.00	0.0000	No Ice	2.55	0.92	0.05
			0.00	0.00		1/2" Ice	2.77	1.07	0.06
			0.00	0.00		1" Ice	2.99	1.23	0.08
(4) Raycap DC6-48-60-28-8F Suppressor (ATT)	C	None			0.0000	No Ice	2.22	2.22	0.05
						1/2" Ice	2.44	2.44	0.07
						1" Ice	2.66	2.66	0.09

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	Client	Florida Tower Partners	Designed by	Mike

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA}		Weight	
			Horz Lateral ft	Vert ft			Front ft ²	Side ft ²		
12' T-Arm Mounts (ATT)	C	None			0.0000	107.00	No Ice	12.00	12.00	1.14
							1/2" Ice	18.00	18.00	1.27
							1" Ice	24.00	24.00	0.47

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 90 deg - No Ice
5	0.9 Dead+1.6 Wind 90 deg - No Ice
6	1.2 Dead+1.6 Wind 180 deg - No Ice
7	0.9 Dead+1.6 Wind 180 deg - No Ice
8	1.2 Dead+1.0 Ice+1.0 Temp
9	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
10	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
11	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
12	Dead+Wind 0 deg - Service
13	Dead+Wind 90 deg - Service
14	Dead+Wind 180 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	130 - 120	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-8.40	0.00	0.00
			Max. Mx	4	-1.96	-70.84	0.00
			Max. My	6	-1.96	0.00	-70.84
			Max. Vy	4	7.57	-70.84	0.00
			Max. Vx	6	7.57	0.00	-70.84
L2	120 - 91.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-24.97	0.00	0.00
			Max. Mx	4	-10.58	-463.22	0.00
			Max. My	2	-10.58	0.00	463.22
			Max. Vy	4	23.96	-463.22	0.00
			Max. Vx	2	-23.96	0.00	463.22
L3	91.5 - 48.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-36.50	0.00	0.00
			Max. Mx	4	-19.53	-1575.31	0.00
			Max. My	2	-19.53	0.00	1575.31
			Max. Vy	4	29.02	-1575.31	0.00
			Max. Vx	2	-29.02	0.00	1575.31
L4	48.25 - 1	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-56.46	0.00	0.00
			Max. Mx	4	-36.08	-3266.60	0.00
			Max. My	6	-36.08	0.00	-3266.60
			Max. Vy	4	34.83	-3266.60	0.00
			Max. Vx	6	34.83	0.00	-3266.60

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Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	130 - 120	12.844	13	0.8549	0.0000
L2	120 - 91.5	11.067	13	0.8367	0.0000
L3	95.75 - 48.25	7.080	13	0.7077	0.0000
L4	53.75 - 1	2.170	13	0.3821	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
130.00	(2) Antel BXA-70063/6CF w/ mount pipe	13	12.844	0.8549	0.0000	35009
117.00	(2) Andrew HBX-6516DS w/ mount pipe	13	10.544	0.8272	0.0000	15652
107.00	Andrew SBNHH-ID6565C w/ mount pipe	13	8.854	0.7802	0.0000	11465

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	130 - 120	84.644	6	5.6380	0.0000
L2	120 - 91.5	72.941	6	5.5183	0.0000
L3	95.75 - 48.25	46.680	6	4.6683	0.0000
L4	53.75 - 1	14.309	6	2.5208	0.0000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
130.00	(2) Antel BXA-70063/6CF w/ mount pipe	6	84.644	5.6380	0.0000	5423
117.00	(2) Andrew HBX-6516DS w/ mount pipe	6	69.496	5.4556	0.0000	2421
107.00	Andrew SBNHH-ID6565C w/ mount pipe	6	58.368	5.1460	0.0000	1768

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _n ft	KI/r	A in ²	P _n K	φP _n K	Ratio P _n φP _n
L1	130 - 120 (1)	TP23.16x20.9x0.1875	10.00	0.00	0.0	13.6715	-1.96	958.52	0.002
L2	120 - 91.5 (2)	TP29.6x23.16x0.25	28.50	0.00	0.0	22.5272	-10.58	1617.01	0.007
L3	91.5 - 48.25 (3)	TP38.87x28.1396x0.375	47.50	0.00	0.0	44.3398	-19.53	3294.23	0.006
L4	48.25 - 1 (4)	TP48.8x36.8775x0.4375	52.75	0.00	0.0	67.1574	-36.08	4858.33	0.007

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	Client	Florida Tower Partners	Designed by	Mike

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
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Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	130 - 120 (1)	TP23.16x20.9x0.1875	70.84	452.66	0.156	0.00	452.66	0.000
L2	120 - 91.5 (2)	TP29.6x23.16x0.25	463.23	943.10	0.491	0.00	943.10	0.000
L3	91.5 - 48.25 (3)	TP38.87x28.1396x0.375	1575.31	2517.97	0.626	0.00	2517.97	0.000
L4	48.25 - 1 (4)	TP48.8x36.8775x0.4375	3266.60	4825.88	0.677	0.00	4825.88	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u K	φV _n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u kip-ft	φT _n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	130 - 120 (1)	TP23.16x20.9x0.1875	7.57	476.07	0.016	0.00	906.43	0.000
L2	120 - 91.5 (2)	TP29.6x23.16x0.25	23.96	802.69	0.030	0.00	1888.51	0.000
L3	91.5 - 48.25 (3)	TP38.87x28.1396x0.375	29.02	1626.17	0.018	0.00	5042.12	0.000
L4	48.25 - 1 (4)	TP48.8x36.8775x0.4375	34.83	2408.87	0.014	0.00	9663.58	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P _u φP _n	Ratio M _{ux} φM _{ux}	Ratio M _{uy} φM _{uy}	Ratio V _u φV _n	Ratio T _u φT _n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	130 - 120 (1)	0.002	0.156	0.000	0.016	0.000	0.159	1.000	4.8.2 ✓
L2	120 - 91.5 (2)	0.007	0.491	0.000	0.030	0.000	0.499	1.000	4.8.2 ✓
L3	91.5 - 48.25 (3)	0.006	0.626	0.000	0.018	0.000	0.632	1.000	4.8.2 ✓
L4	48.25 - 1 (4)	0.007	0.677	0.000	0.014	0.000	0.685	1.000	4.8.2 ✓

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	σP _{allow} K	% Capacity	Pass Fail
L1	130 - 120	Pole	TP23.16x20.9x0.1875	1	-1.96	958.52	15.9	Pass
L2	120 - 91.5	Pole	TP29.6x23.16x0.25	2	-10.58	1617.01	49.9	Pass
L3	91.5 - 48.25	Pole	TP38.87x28.1396x0.375	3	-19.53	3294.23	63.2	Pass
L4	48.25 - 1	Pole	TP48.8x36.8775x0.4375	4	-36.08	4858.33	68.5	Pass
Summary								
Pole (L4)							68.5	Pass
RATING =							68.5	Pass

Michael F. Plahovinsak, P.E. 18301 State Route 161 W Plain City, OH 43064 Phone: 614-398-6250 email: mike@mfpeng.com	Job 120-ft monopole - MFP #40913-015	Page BP-G
	Project CT1003, North Haven	Date 10/11/2013
	Client FLORIDA TOWER PARTNERS	Designed by Mike

Anchor Rod and Base Plate Calculation

ANSI/TIA-222-G-2

<i>Factored Base Reactions:</i>	<i>Pole Shape:</i>	<i>Anchor Rods:</i>	<i>Base Plate:</i>
Moment: 3267 ft-kips	18-Sided	(20) 2.25 in. A615 GR. 75	2.75 in. x 58 in. Round
Shear: 35 kips	Pole Dia. (D_f):	Anchor Rods Evenly Spaced	$f_y = 50$ ksi
Axial: 36 kips	48.80 in	On a 55.25 in Bolt Circle	

Anchor Rod Calculation According to TIA-222-G section 4.9.9

- $\phi = 0.80$ TIA 4.9.9
- $I_{bolts} = 7631.41 \text{ in}^2$ Moment of Inertia
- $P_u = 142$ kips Tension Force
- $V_u = 2$ kips Shear Force
- $R_{nt} = 325.00$ kips Nominal Tensile Strength
- $\eta = 0.50$ for detail type (d)

The following Interaction Equation Shall Be Satisfied:

$$\left(\frac{P_u + \frac{V_u}{\eta}}{\phi R_{nt}} \right) \leq 1.0$$

$$0.559 \leq 1$$

Base Plate Calculation According to TIA-222-G

- $\phi = 0.90$ TIA 4.7
- $M_{PL} = 301.8$ in-kip Plate Moment
- $L = 7.7$ in Section Length
- $Z = 14.5$ Plastic Section Modulus
- $M_p = 724.6$ in-kip Plastic Moment
- $\phi M_u = 652.2$ in-kip Factored Resistance

Calculated Moment vs Factored Resistance

$$301.80 \text{ in-kip} \leq 652 \text{ in-kip}$$

Anchor Rods Are Adequate	55.9% <input checked="" type="checkbox"/>
Base Plate is Adequate	46.3% <input checked="" type="checkbox"/>

TAB 5

MEMORANDUM OF LEASE

Prepared by:

Elizabeth Jamieson

Smartlink, LLC

33 Boston Post Road, W

Marlborough, MA 01752

Return to:

33 Boston Post Road, W

Marlborough, MA 01752

Re: Cell Site #: S3506A; Cell Site Name: North Haven Devine Street, (S3506A)
Fixed Asset Number: 10578263
State: Connecticut
County: New Haven

MEMORANDUM
OF
LEASE


This Memorandum of Lease is entered into on this 31 day of October, 2013, by and between Florida Tower Partners, LLC, a Delaware limited liability company, having a mailing address of 1001 Third Avenue West, Suite 420, Bradenton, FL 34205 (hereinafter referred to as "**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of Suite 13-F West Tower, 575 Morosgo Drive, Atlanta, GA 30324 (hereinafter referred to as "**Tenant**").

1. Landlord and Tenant entered into a certain Lease Agreement ("**Agreement**") on the 31 day of October, 2013, for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing is set forth in the Agreement.
2. The initial lease term will be five (5) years commencing on the Rent Commencement Date of the Agreement, with four (4) successive five (5) year options to renew.
3. The portion of the land being leased to Tenant and associated easements (the "**Premises**") are described in **Exhibit 1** annexed hereto.
4. This Memorandum of Lease is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

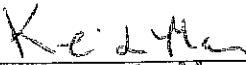
"LANDLORD"

FLORIDA TOWER PARTNERS, LLC
a Delaware limited liability company

By: 
Print Name: Brett Buggeln
Its: Manager/President
Date: 10/31/13

"TENANT"

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its: Manager
By: 
Print Name: Kevin L. Mason
Its: Area Manager
Date: 10-30-2013

[ACKNOWLEDGMENTS APPEAR ON THE NEXT PAGE]

TENANT ACKNOWLEDGMENT

State of Massachusetts
County of Middlesex

On this the 30th day of October, 2013, before me, _____, the undersigned officer, personally appeared Kevin L. Mason who acknowledged himself to be the Area Manager of AT&T Mobility Corporation, manager of New Cingular Wireless PCS, LLC, a (member managed or manager managed) limited liability company, and that he, as such _____, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by himself as Area Manager.

In witness whereof I hereunto set my hand.

Notary Public

Print Name: _____

My Commission Expires: _____

LANDLORD ACKNOWLEDGMENT

State of Florida
County of Manatee

On this the 7 day of Oct, 2013, before me, Todd J. Bowman, the undersigned officer, personally appeared Brett Buggeln who acknowledged himself to be the Manager/President of Florida Tower Partners, LLC, a (member managed or manager managed) limited liability company, and that he, as such Manager/President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by himself as Manager/President.

In witness whereof I hereunto set my hand.

Todd J. Bowman

Notary Public

Print Name: _____

My Commission Expires: _____



TODD J. BOWMAN
MY COMMISSION # EE 016243
EXPIRES: August 10, 2014
Bonded Thru Budget Notary Services

EXHIBIT 1

DESCRIPTION OF PREMISES

Page ____ of ____

to the Memorandum of Lease dated _____, 2013, by and between Florida Tower Partners, LLC, a Delaware limited liability company, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Premises is a portion of the Property, which is legally described as follows:

Schedule A

50 Devine Street:

All that certain piece or parcel of land with the buildings and all other improvements thereon, situated in the Town of North Haven, in the County of New Haven and State of Connecticut, bounded and described as follows:

WEST by land formerly of The New York, New Haven and Hartford Railroad Company, more lately of Consolidated Rail Corporation 584 feet;

NORTHEAST by land now or formerly of The Humphrey Chemical Company, 645 feet;

EAST by land now or formerly of The Humphrey Chemical Company, 242.98 feet;

NORTHEAST again by land now or formerly of The Humphrey Chemical Company, 50 feet;

SOUTHEAST by land now or formerly of The Humphrey Chemical Company, 100 feet;

SOUTHWEST by land now or formerly of The Humphrey Chemical Company, 710 feet;

Being the premises shown on a map entitled, "MAP OF PROPERTY OF ROBERT E. WRIGHT TO BE CONVEYED TO ANTHONY S. PAPA OFF DEVINE STREET, North Haven, Connecticut, Aug. 11, 1980 Scale 1" = 40' ", by Joseph B. Burns, Land Surveyor

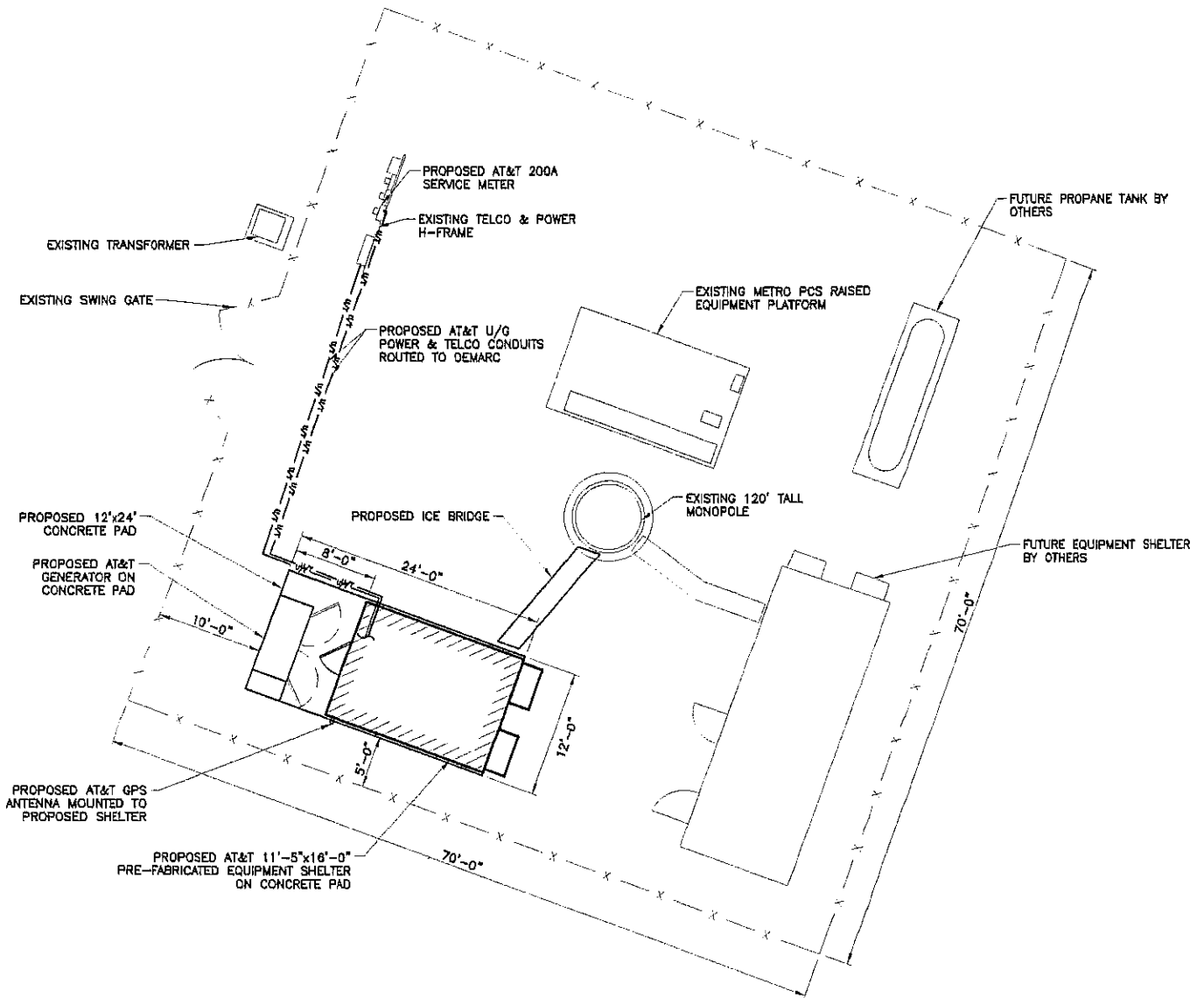
Together with a right of way in common with others in, through, over and across land now or formerly of The I.L. Stiles & Son Brick Company, known as Devine Street to State Street.

Together with and subject to rights of way and pole line easement heretofore granted and reserved as set forth in a deed from The Alfred B. King Company to Humphrey-Wilkinson, Incorporated, dated January 6, 1949 and recorded in Volume 108 on Page 306 of the North Haven Land Records, to which deed reference is hereby made; except as modified in a deed from The Alfred B. King Company to The Humphrey Chemical Company, dated August 20, 1969 and recorded in Volume 248 on Page 27 of said Land Records.

Together with and subject to a Mutual Easement and Sewer Tie-in Agreement by and between The Humphrey Chemical Company, Inc. and Anthony S. Papa dated July 20, 1990 and recorded July 24, 1990 in Volume 410 at Page 80 of the North Haven Land Records.

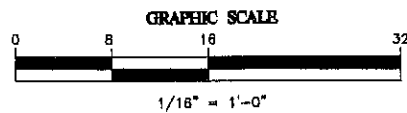
Excepting therefrom the property conveyed to Humphrey Chemical Company in a deed recorded in Volume 410, Page 102 of the North Haven Land Records.

The Premises are described and/or depicted as follows:



NOTE:
 ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.

SITE PLAN



APPROX. NORTH



21 B Street
 Burlington, MA 01803
 Tel: 781.273.2800
 Fax: 781.273.3311
 www.ebiconsulting.com

EBI JOB NO.: B1130836



1197 ANNAPOLIS EXCHANGE
 PARKWAY, SUITE 299
 ANNAPOLIS, MD 21401



550 COCHITUATE ROAD
 SUITE 13 & 14
 FRAMINGHAM, MA 01701

SITE INFO:

**NORTH HAVEN -
 DEVINE STREET
 S3506**
 50 DEVINE STREET
 NORTH HAVEN, CT 06473

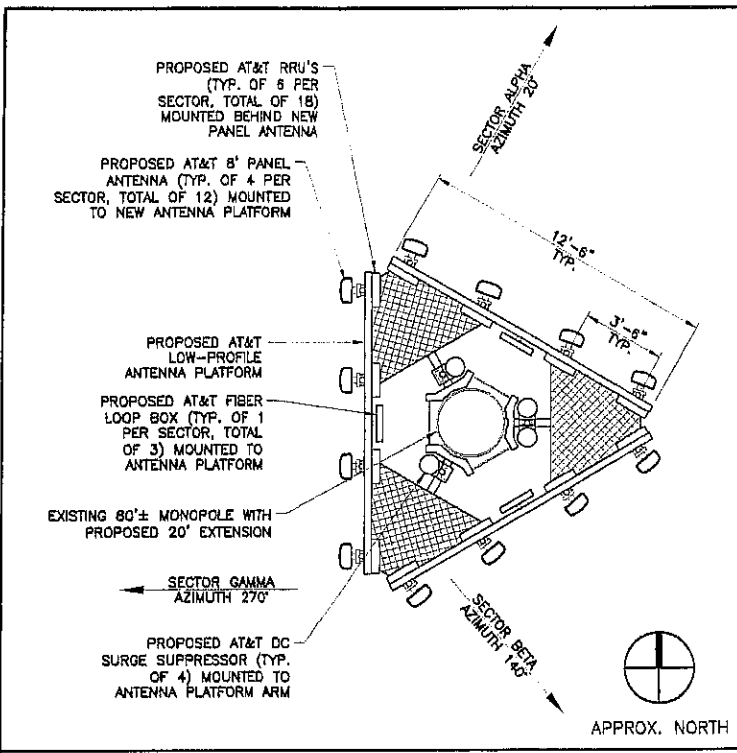
SUBMITTALS

NO.	DATE	DESCRIPTION	BY	CL
1	10/08/13	FOR REVIEW	CL	CHECKED BY: DD
2	10/24/13	PER COMMENTS	JT	DATE: 10/08/13

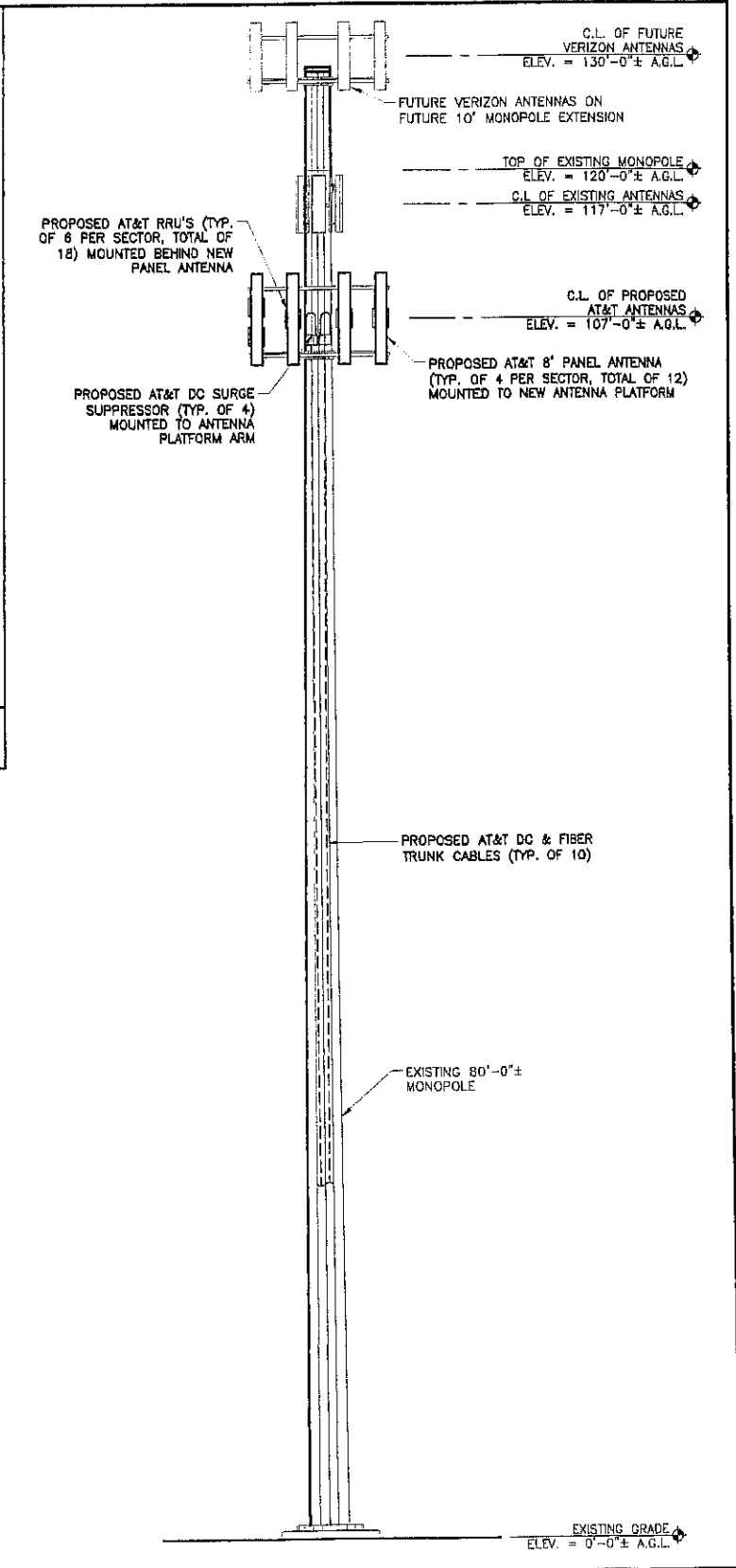
DRAWN BY: CL
 CHECKED BY: DD
 DATE: 10/08/13

SHEET NO:

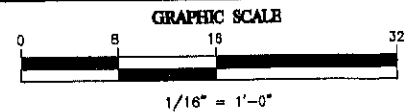
LE-1



PROPOSED ANTENNA PLAN



TOWER ELEVATION



NOTE:
ALL EQUIPMENT LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO APPROVAL BY LESSEE/LICENSEE STRUCTURAL AND RF ENGINEERS.

EBC Consulting
21 B Street
Burlington, MA 01003
Tel: 781.273.2500
Fax: 781.273.3311
www.ebiconsulting.com
EBC JOB NO.: 81130838

smartlink
1197 ANNAPOLIS EXCHANGE PARKWAY, SUITE 299
ANNAPOLIS, MD 21401

at&t Mobility
550 COCHITUATE ROAD SUITE 13 & 14
FRAMINGHAM, MA 01701

SITE INFO:
NORTH HAVEN - DEVINE STREET S3506
50 DEVINE STREET
NORTH HAVEN, CT 06473

SUBMITTALS				DRAWN BY:	SHEET NO: LE-2
NO.	DATE	DESCRIPTION	BY	CL	
1	10/08/13	FOR REVIEW	CL	CHECKED BY: DD	
2	10/24/13	PER COMMENTS	JT	DATE: 10/08/13	

TAB 6



Power Density Calculations

Applicant: New Cingular Wireless PCS, LLC d/b/a AT&T

Site ID: S3506

Site Type: Existing 120' Monopole Tower

Address: 50 Devine Street, North Haven, CT 06473

Date: November 7, 2013

1. Existing Power Density ¹

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm ²)	Frequency MHz	Limit	%MPE
Metro PCS CDMA	3	727	117	0.0573	2135	1.0000	5.73%
Metro PCS LTE	1	1200	117	0.0315	2130	1.0000	3.15%
TOTAL							8.88%

2. Proposed AT&T Power Density ²

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm ²)	Frequency MHz	Limit	%MPE
AT&T UMTS	2	500	107'	0.0314	800 Band	0.5867	5.35%
AT&T UMTS	2	500	107'	0.0314	1900 Band	1.0000	3.14%
AT&T LTE	1	500	107'	0.0157	700 Band	0.4667	3.36%
TOTAL							11.85%

3. Cumulative Power Density Calculation Results

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm ²)	Frequency MHz	Limit	%MPE
Metro PCS CDMA	3	727	117	0.0573	2135	1.0000	5.73%
Metro PCS LTE	1	1200	117	0.0315	2130	1.0000	3.15%
AT&T UMTS	2	500	107'	0.0314	800 Band	0.5867	5.35%
AT&T UMTS	2	500	107'	0.0314	1900 Band	1.0000	3.14%
AT&T LTE	1	500	107'	0.0157	700 Band	0.4667	3.36%
TOTAL							%20.73

¹ This Power Density information was taken from the Connecticut Siting Council database dated October 1, 2013.

² This Power Density information is based on worse case assumptions from AT&T's radio frequency engineers.

4. Conclusion:

The addition of AT&T's antennas on the existing tower will result in the cumulative maximum permissible exposure (MPE) level of 20.73%. The proposal complies with the National Council on Radiation Protection and Measurements standard for MPE adopted by the Federal Communications Commission ("FCC"). Moreover, the maximum level of radio-frequency energy emitted from AT&T's installation will be well below the FCC's mandated radio frequency exposure limits.