STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

May 16, 2014

Steven Quinn
Smartlink
33 Boston Post Road West
Marlborough, MA 01752

RE: **TS-AT&T-004-131223** – AT&T request for an order to approve tower sharing at an existing telecommunications facility located at 376 Deercliff Road, Avon, Connecticut. **Request to Revise.**

Dear Mr. Quinn:

At a public meeting of the Connecticut Siting Council (Council) held on May 15, 2014, the Council approved the requested amendment dated April 16, 2014, to the above-referenced tower share request that was originally approved by the Council on January 23, 2014.

This decision is under the exclusive jurisdiction of the Council. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to the requested tower share amendment and is not applicable to any other request or construction. Please be advised that the validity of this action shall expire one year from the date of this letter.

The proposed shared use is to be implemented as specified in your tower share request letter dated December 20, 2013 and the request for an amendment letter dated April 16, 2014, including the placement of all necessary equipment and shelters within the tower compound.

Very truly yours,

Robert Stein

Robert Stein
Chairman

RS/CDM/cm

c: The Honorable Mark W. Zacchio, Chairman, Town of Avon
Brandon Robertson, Town Manager, Town of Avon
Steven V. Kushner, Town Planner, Town of Avon
Crown Castle

smartlink

Via Overnight Delivery

April 16, 2014

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

Re:	**Request to Revise a Previously Approved Tower Share Application**
Property Address:	**376 Deercliff Road, Avon, CT 06001 (the "Property")**
Applicant:	**New Cingular Wireless PCS, LLC d/b/a AT&T ("AT&T")**

Dear Ms. Bachman:

On behalf of AT&T, please accept this correspondence as a request to revise a previously approved tower share installation. Enclosed please find an original and fifteen (15) copies of the correspondence package along with a check in the amount of six hundred and twenty five ($625.00) dollars.

On December 20, 2012 AT&T submitted an application to the Connecticut Siting Council (the "Council") for an order to approve the shared use of an existing tower and compound on the Property (the "Tower" and collectively, the "Facility"), pursuant to Connecticut General Status § 16-50aa, as amended (the "Statute"). During its hearing on January 23, 2014, the Council approved AT&T's shared use application. Subsequently, the Council issued the approval order on January 27, 2014 (see Tab 1 attached herewith).

AT&T requests to revise its previously approved installation as follows:

- Panel Antennas (no change):
  - Previous Design: Twelve (12), eight foot (8') panel antennas
  - Revised Design: Twelve (12), eight foot (8') panel antennas
    - Note that the number and size of the antennas has not changed but their models have (see attached structural analysis)

- Remote Radio Head:
  - Previous Design: 18
  - Revised Design: 27

- Equipment Shelter
  - Previous Design: 11.5' x 16'
  - Revised Design: 11.5' x 16'

- Structural Analysis Conclusion:
  - Previous Design: "the pole and foundation have sufficient capacity…"
  - Revised Design: "the pole and foundation have sufficient capacity…"

- Power Density Calculations (The original application was submitted with power density calculations reflecting the new equipment specifications):
  - Original Application:
    - AT&T's MPE: 4.27%
    - Total MPE: 82.23%
  - Application for Amendment:
    - AT&T's MPE: 4.27%
    - Total MPE: 82.23%

AT&T's proposed revisions to its previously approved shared use installation continue to meet all of the requirements set forth in the Statute. AT&T's revised design 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. Consequently, AT&T respectfully requests that the Council issue an order approving the proposed sharing use of the Facility.

Sincerely,

Steven J. Quinn

Steven J. Quinn

Enclosures
Cc w/enclosurers:
Brandon Robertson, Town Manager, Town of Avon
Homeowners Finance Co, Property Owners

A REQUEST TO THE CONNECTICUT SITING COUNCIL
TO REVISED A PREVIOUSLY APPROVED
APPLICATION FOR A SHARED USE OF AN EXISTING TOWER

APPLICANT

New Cingular Wireless PCS, LLC (AT&T)
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

376 Deercliff Road
Avon, CT 06001

PREPARED BY: Steven J. Quinn
Real Estate and Land Use Specialist
Smartlink, LLC
33 Boston Post Road West
Marlborough, Massachusetts 01752
774-219-8022
steven.quinn@smartlinkllc.com

Date Submitted: April 16, 2014

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APPLICANT

New Cingular Wireless PCS, LLC (AT&T)
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

376 Deercliff Road
Avon, CT 06001

Tower Share Approval	Tab 1
Certificate of Service	Tab 2
Engineering Drawings	Tab 3
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Letter of Authority from Tower Owner	Tab 5
Power Density Calculations	Tab 6

TAB 1

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

January 27, 2014

Adam Braillard
Smartlink
33 Boston Post Road West
Marlborough, MA 01752

RE: **TS-AT&T-004-131223** – AT&T request for an order to approve tower sharing at an existing telecommunications facility located at 376 Deercliff Road, Avon, Connecticut.

Dear Mr. Braillard:

At a public meeting held January 23, 2014, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures with the following conditions:

- Any deviation from the proposed installation as specified in the original tower share request and supporting materials with the Council shall render this decision invalid;
- Any material changes to the proposed installation as specified in the original tower share request and supporting materials filed with the Council shall require an explicit request for modification to the Council pursuant to Connecticut General Statutes § 16-50aa, including all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65;
- Not less than 45 days after completion of the proposed installation, the Council shall be notified in writing that the installation has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction. Please be advised that the validity of this action shall expire one year from the date of this letter.

The proposed shared use is to be implemented as specified in your letter dated December 20, 2013, including the placement of all necessary equipment and shelters within the tower compound.

CSC
CONNECTICUT SITING COUNCIL

Thank you for your attention and cooperation.

Very truly yours,

Robert Stein

Robert Stein
Chairman

RS/CDM/cm

c: The Honorable Mark W. Zacchio, Chairman, Town of Avon
Steven V. Kushner, Town Planner, Town of Avon
Crown Castle

TAB 2

CERTIFICATE OF SERVICE

This is to certify that on the 16th day of April, 2014, the foregoing application by AT&T for an Order to Amend an Approved Shared Use of an Existing Tower was sent, via UPS, to the following:

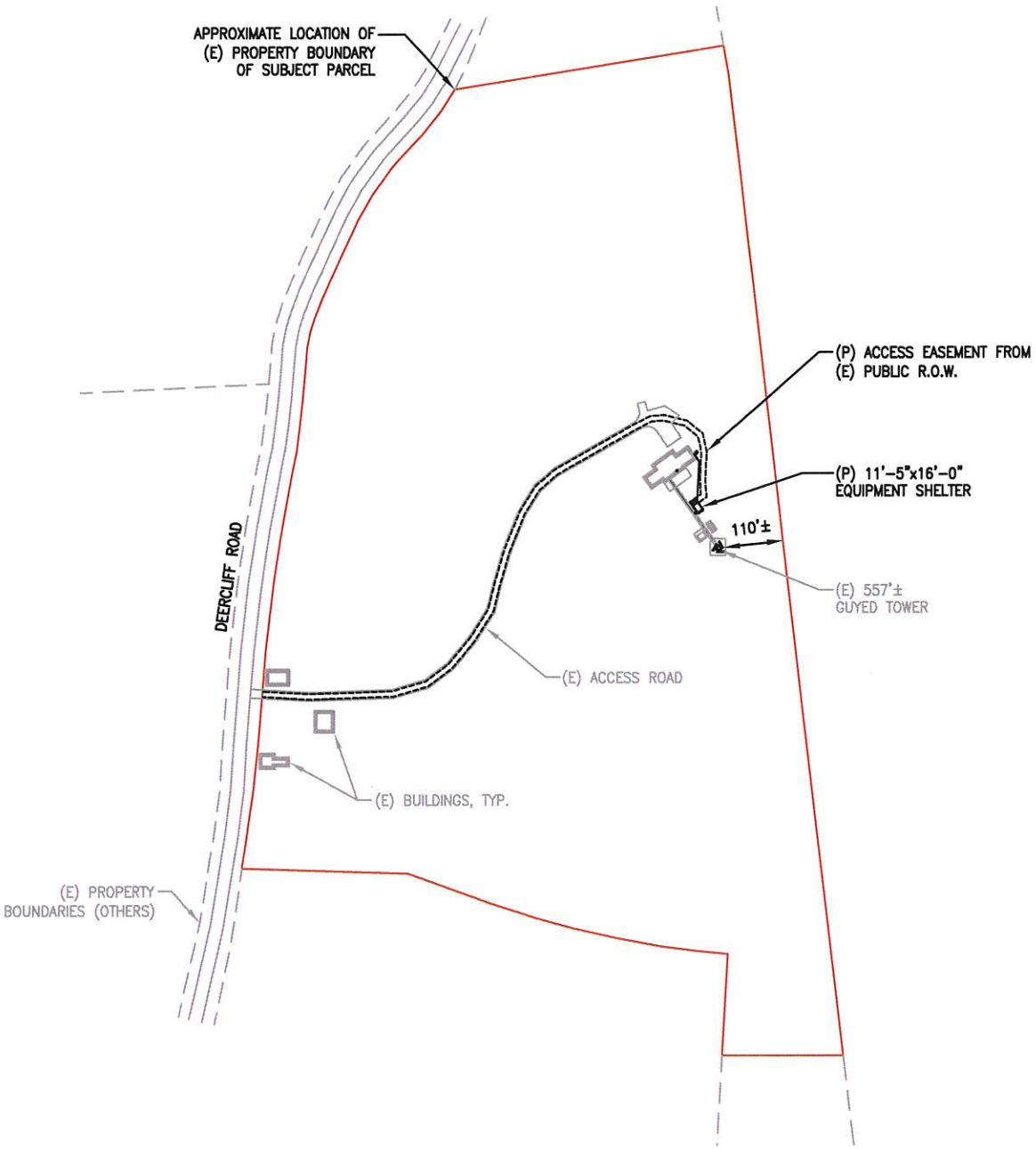
Homeowners Finance Company
530 Silas Deane Highway
Wethersfield, CT 06109
(860) 529-8628

and

Brandon Robertson
Town Manager, Town of Avon
60 West Main Street
Avon, CT 06001
(860) 529-8628

By: Steven J. Quinn
Steven J. Quinn

TAB 3



1/1 SITE PLAN
SCALE: 1=300'-0"

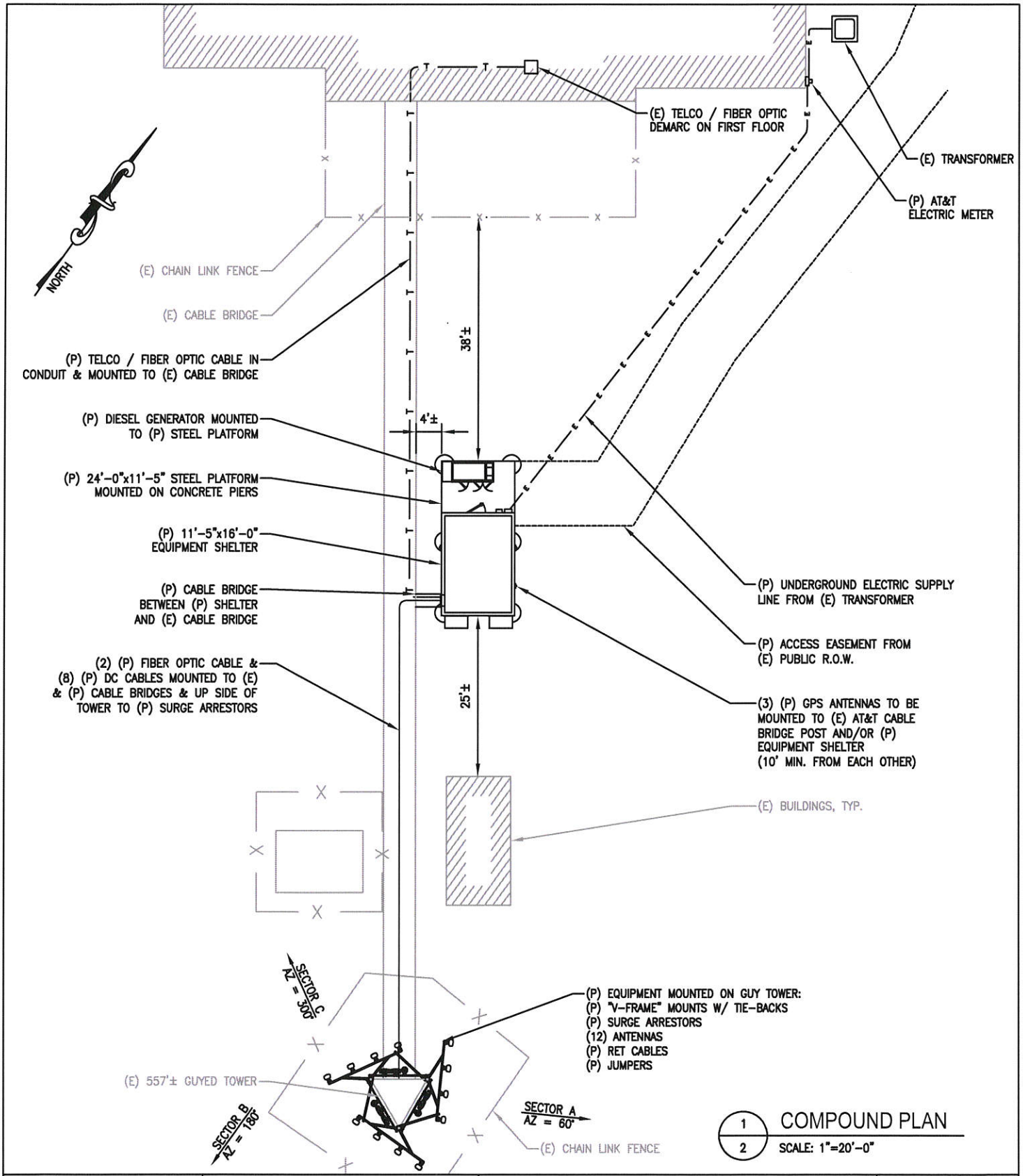
ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE:	LEASE EXHIBIT
SITE NO:	S3106A
SITE NAME:	AVON DEERCLIFF ROAD
ADDRESS:	376 DEERCLIFF ROAD AVON, CT 06001

DATE:	12/16/13
DRAWN BY:	MER
REVISION:	2
SCALE:	NOTED
SHEET:	1 OF 3



1/2 COMPOUND PLAN
SCALE: 1"=20'-0"

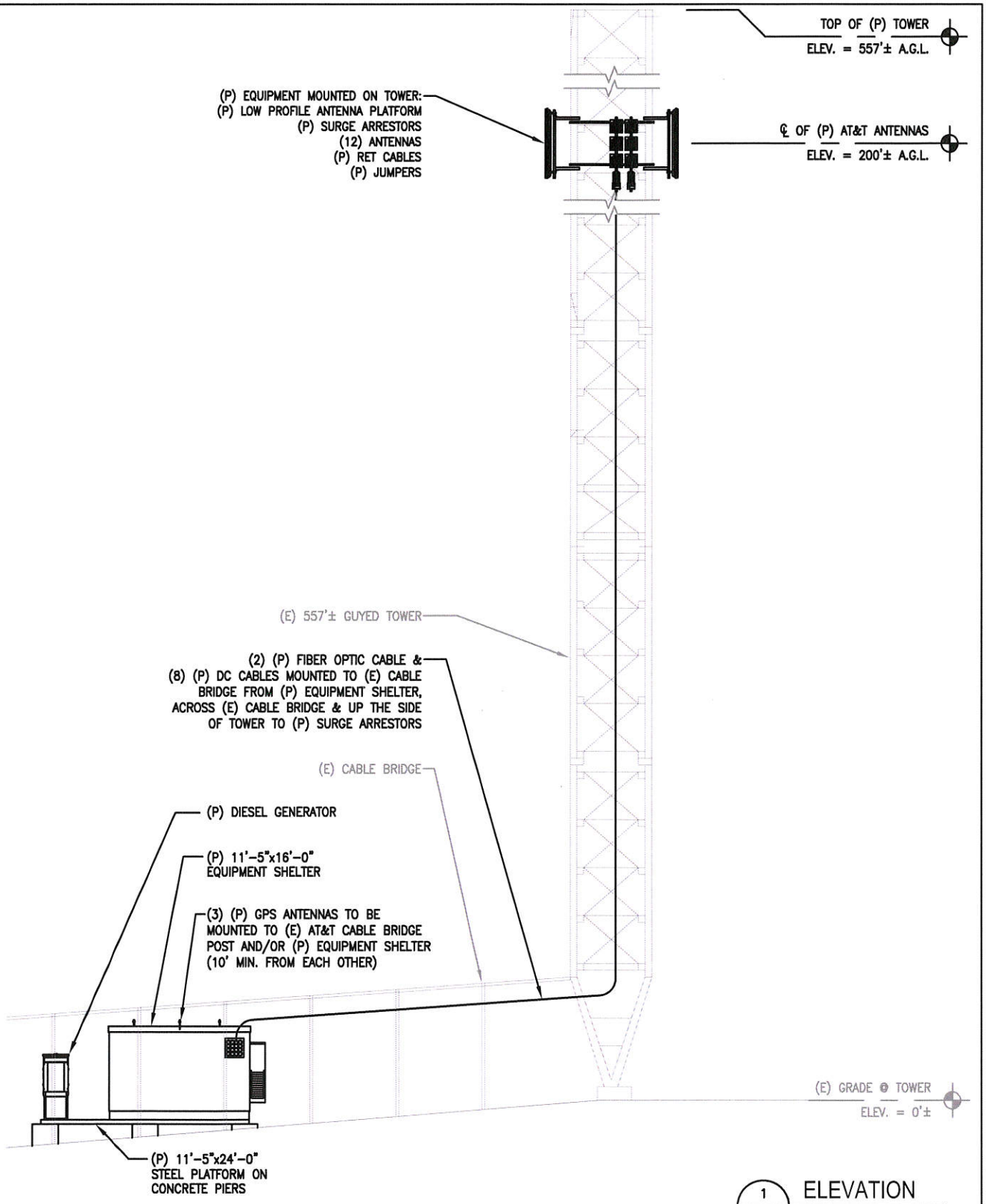
ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE: LEASE EXHIBIT
SITE NO: S3106A
SITE NAME: AVON DEERCLIFF ROAD
ADDRESS: 376 DEERCLIFF ROAD
AVON, CT 06001

DATE: 12/16/13
DRAWN BY: MER
REVISION: 2
SCALE: NOTED
SHEET: 2 OF 3



1/3 ELEVATION

SCALE: 1/16"=1'-0"

EG ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE:	LEASE EXHIBIT
SITE NO:	S3106A
SITE NAME:	AVON DEERCLIFF ROAD
ADDRESS:	376 DEERCLIFF ROAD AVON, CT 06001

DATE:	12/16/13
DRAWN BY:	MER
REVISION:	2
SCALE:	NOTED
SHEET:	3 OF 3

TAB 4

March 25, 2014

Sean Dempsey
Crown Castle
3530 Toringdon Way Suite 300
Charlotte, NC 28277
(704) 405-6565

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
btwo@btgrp.com

Subject:	**Structural Analysis Report**	
Carrier Designation:	***AT&T Mobility* Co-Locate**	
	Carrier Site Number:	S3106A
	Carrier Site Name:	Avon Deercliff Road
Crown Castle Designation:	**Crown Castle BU Number:**	870800
	Crown Castle Site Name:	Avon (Deercliff Rd.)
	Crown Castle JDE Job Number:	265143
	Crown Castle Work Order Number:	727363
	Crown Castle Application Number:	218723 Rev. 2
Engineering Firm Designation:	**B+T Group Project Number:**	83041.004.01
Site Data:	**376 Deercliff Road, AVON, Hartford County, CT** **Latitude *41° 46' 29.95"*, Longitude *-72° 48' 2.07"*** **560 Foot - Guyed Tower**	

Dear Sean Dempsey,

B+T Group is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above mentioned tower. This analysis has been performed in accordance with the Crown Castle Structural 'Statement of Work' and the terms of Crown Castle Purchase Order Number 628123, in accordance with application 218723, revision 2.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

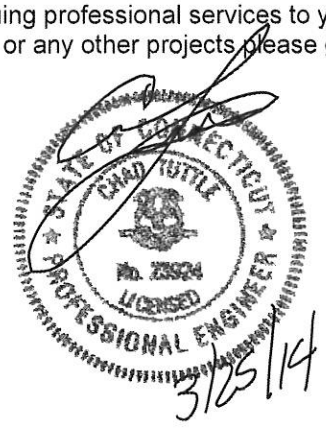
LC7: Existing + Reserved + Proposed Equipment **Sufficient Capacity**
Note: See Table 1 and Table 2 for the proposed and existing/reserved loading, respectively.

The analysis has been performed in accordance with the TIA/EIA-222-F standard and 2005 CT State Building Code based upon a wind speed of 80 mph fastest mile.

All modifications and equipment proposed in this report shall be installed in accordance with the attached drawings for the determined available structural capacity to be effective.

We at *B+T Group* appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:
B+T Engineering, Inc.



Kishore Machani
Project Engineer

Chad E. Tuttle, P.E.
President

tnxTower Report - version 6.1.4.1

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1) INTRODUCTION

This tower is a 560 ft. Guyed tower designed by STAINLESS INC. in November of 1986 and mapped by Pinnacle Towers in 1999. The tower was originally designed for a wind speed of 50 mph per EIA-222-C. All modifications designed by GPD (dated 10/11/07) were considered in the analysis.

2) ANALYSIS CRITERIA

The structural analysis was performed for this tower in accordance with the requirements of TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 80 mph with no ice, 37.6 mph with 1 inch ice thickness and 50 mph under service loads.

Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
190.0	190.0	12	Cci Antennas	HPA-65R-BUU-H8	8 3 2	3/4 5/16 3/8	--
		3	Ericsson	KRF 102 361/1			
		9	Ericsson	RRU-11			
		6	Ericsson	RRUS 12-B2			
		6	Ericsson	RRUS A2			
		3	Ericsson	RRUS E2 B29			
		3	Ericsson	RRUS-32 B30			
		4	Raycap	DC6-48-60-18-8F			
		3	Tower mounts	MTC3615			

Table 2 - Existing and Reserved Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
557.0	557.0	3	Kathrein	AP19-1670/090D/DT2	1	1 5/8	2
		1	Rfs Celwave	PDS3DE-698/2700			
		1	--	Pipe Mount [PM 601-3]			
514.0	528.0	1	Telewave	ANT150F6	1 1	1 5/8 1 1/4	1
	519.0	1	Andrew	PG1NOF-0093-8			
	514.0	2	--	Side Arm Mount [SO 312-1]			
505.0	505.0	1	--	Flush Mount	--	--	1
492.0	500.0	1	Tx Rx Systems	101-68-10-0-03N	1	1 1/4	1
	492.0	1	--	Side Arm Mount [SO 308-1]			
490.0	490.0	1	Andrew	ATW25HS3-HSO-46H	1	4 1/16	1
		1	--	Standoff			
465.0	475.0	1	Telewave	ANT150F6	1	7/8	1
	465.0	1	--	Side Arm Mount [SO 312-1]			
442.0	450.0	1	Tx Rx Systems	101-68-10-0-03N	1	1 1/4	1
	442.0	1	--	Side Arm Mount [SO 308-1]			
438.0	448.0	2	Telewave	ANT150F6	2	7/8	1
		2	--	Pipe Mounts			
	438.0	1	--	Side Arm Mount [SO 308-1]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
415.0	425.0	1	Telewave	TPRD-1554	1 2	1 5/8 1/2	1
		1	Tx Rx Systems	101D-90-06-0-03			
	415.0	1	--	Side Arm Mount [SO 308-1]			
388.0	402.0	1	Sinclair	SC233	1	1 5/8	1
	388.0	1	--	Side Arm Mount [SO 306-1]			
324.0	329.0	2	Decibel	DB636-C	2	1 5/8	1
	324.0	2	--	Side Arm Mount [SO 601-1]			
294.0	303.0	1	Decibel	DB540K-E	1	7/8	1
	294.0	1	--	Side Arm Mount [SO 306-1]			
288.0	293.0	1	Decibel	DB636-C	1 1	1 5/8 1/2	1
	288.0	1	Andrew	P2F-52			
		1	--	6"x1' TME			
		2	--	Side Arm Mount [SO 201-1]			
		1	--	Side Arm Mount [SO 601-1]			
270.0	273.0	1	Tx Rx Systems	CC806-06	--	--	3
	270.0	1	--	Side Arm Mount [SO 306-1]			
250.0	254.0	1	Decibel	DB810M-XC	--	--	3
	250.0	1	--	Side Arm Mount [SO 306-1]			
245.0	246.0	6	Decibel	844G65VTZASX	8	1 5/8	1
		2	Rfs Celwave	AP859012-42T0			
	245.0	2	--	Sector Mount [SM 502-1]			
237.0	238.0	2	Ems Wireless	FR90-16-02DP	4	7/8	1
		2	Rfs Celwave	ATMPP1412D-1CWA			
	237.0	2	--	Sector Mount [SM 401-1]			
214.0	214.0	3	Kathrein	742 213	6	1 5/8	1
212.0	222.0	1	Telewave	ANT150F6	1	7/8	1
	212.0	1	--	Side Arm Mount [SO 306-1]			
175.0	185.0	1	Telewave	ANT150F6	1	7/8	1
	175.0	1	--	Side Arm Mount [SO 602-1]			
145.0	145.0	1	--	Side Arm Mount [SO 202-1]	1	EW52	1
138.0	138.0	1	Radiowaves	SPD2-5.8	1	1/2	1
		1	--	6"x1' TME			
134.0	134.0	1	Radiowaves	SPD2-5.8	1	1/2	1
		1	--	6"x1' TME			
112.0	116.0	1	Rfs Celwave	201-8	1	3/8	1
	112.0	1	Mounts	Flush Mount			
91.0	94.0	1	Telewave	ANT150F2	1	1/2	1
	91.0	1	Mounts	Flush Mount			
80.0	81.0	1	Dragonwave	A-ANT-11G-4-C	1	3/8	1
	80.0	1	--	Side Arm Mount [SO 301-1]			
76.0	76.0	1	--	Side Arm Mount [SO 301-1]	1	1/2	1
		1	Trimble	Acutime 2000			

Notes:
1) Existing Equipment
2) Reserved Equipment
3) Abandoned Equipment; Considered in This Analysis

Table 3 - Design Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
560	560	1	Andrew	Ch. 18 Wavestar	1	6-1/8 WR1800
		1	Harris	Ch. 18 Wavestar	1	
550	550	6	Generic	2-Way Antennas	6	7/8
490	490	1	Generic	8' Microwave Parabolic Antenna	1	EW64
480	480	6	Generic	2-Way Antennas	6	7/8
320	320	1	Generic	8' Microwave Parabolic Antenna	1	EW64
315	315	1	Generic	4' Microwave Parabolic Antenna	1	EW64
300	300	1	Generic	2-Bay FM Antenna	1	3
200	200	1	Generic	PR450	1	7/8

3) ANALYSIS PROCEDURE

Table 4 - Documents Provided

Document	Remarks	Reference	Source
Online Application	AT&T Mobility Co-Locate Rev# 2	218723	CCISITES
Tower Manufacturer Drawing	Stainless, dated 11/05/1986	1579694	CCISITES
Tower Mapping	Pinnacle dated 04/14/99		CCISITES
Tower Mapping	TEP; Project # 25688.11984	Date: 12/11/2013	Email
Previous Analysis	GPD (DATED: 04/26/2013)	3817469	CCI SITES
Modification Drawing	GPD Project No. 2007282.88, dated 10/11/2007	2124272	CCISITES
Post Modification Inspection	GPD, Project No. 2007287.82, dated 04/03/2008		CCISITES
Foundation Mapping	Pinnacle Tower dated 07/30/1999	1341932	CCISITES
Geotech Report	United Consulting Project No. 20004476-01	1579662	CCISITES
Antenna Configuration	Crown CAD Package	Date:03/24/2014	CCISITES

3.1) Analysis Method

tnxTower (version 6.1.4.1), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were built in accordance with the manufacturer's specifications.
2) The tower and structures have been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
4) When applicable, transmission cables are considered as structural components for calculating wind loads as allowed by TIA/EIA-222-F.
5) Mount areas and weights are assumed based on photographs provided.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 5 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	560 - 553.75	Leg	4	1	-0.741	251.245	0.3	Pass
T2	553.75 - 547.5	Leg	4	16	-1.770	251.245	0.7	Pass
T3	547.5 - 541.25	Leg	4	31	-7.184	334.910	2.1	Pass
T4	541.25 - 535	Leg	4	43	-11.577	334.910	3.5	Pass
T5	535 - 510	Leg	4	55	-35.950	334.910	10.7	Pass
T6	510 - 485	Leg	4 1/2	94	-71.243	456.810	15.6 16.4 (b)	Pass
T7	485 - 460	Leg	4 1/2	135	-57.681	342.693	16.8	Pass
T8	460 - 435	Leg	4 3/4	174	-88.202	523.717	16.8	Pass
T9	435 - 410	Leg	4 3/4	213	-91.204	523.717	17.4	Pass
T10	410 - 385	Leg	4 3/4	252	-90.174	523.717	17.2	Pass
T11	385 - 360	Leg	4 3/4	291	-72.763	392.886	18.5	Pass
T12	360 - 335	Leg	4 3/4	330	-76.793	392.886	19.5	Pass
T13	335 - 310	Leg	5 1/4	367	-135.587	669.441	20.3	Pass
T14	310 - 285	Leg	5	408	-113.644	446.057	25.5	Pass
T15	285 - 260	Leg	4 3/4	447	-117.454	392.886	29.9	Pass
T16	260 - 235	Leg	4 3/4	484	-123.288	392.886	31.4	Pass
T17	235 - 210	Leg	4 3/4	523	-127.718	392.886	32.5	Pass
T18	210 - 185	Leg	5	563	-136.076	446.057	30.5	Pass
T19	185 - 160	Leg	5 1/4	602	-142.357	502.206	28.3	Pass
T20	160 - 135	Leg	5 1/2	640	-160.583	561.330	28.6	Pass
T21	135 - 110	Leg	5 1/4	679	-166.031	502.206	33.1	Pass
T22	110 - 85	Leg	5 1/4	718	-171.206	502.206	34.1	Pass
T23	85 - 60	Leg	5 1/4	757	-176.707	502.206	35.2	Pass
T24	60 - 35	Leg	5 1/4	796	-181.506	502.206	36.1	Pass
T25	35 - 10	Leg	5 1/4	835	-186.119	502.206	37.1	Pass
T26	10 - 0	Leg	5 1/4	877	-206.934	525.932	39.3	Pass
T1	560 - 553.75	Diagonal	2L3x3x1/4x3/8	7	-0.505	48.787	1.0	Pass
T2	553.75 - 547.5	Diagonal	2L2 1/2x2x3/16x3/8	20	-1.458	19.512	7.5	Pass
T3	547.5 - 541.25	Diagonal	1	37	2.728	22.614	12.1	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T4	541.25 - 535	Diagonal	1	49	3.513	22.614	15.5	Pass
T5	535 - 510	Diagonal	1	65	5.873	22.614	26.0	Pass
T6	510 - 485	Diagonal	1 1/4	101	10.818	35.334	30.6	Pass
T7	485 - 460	Diagonal	1	167	10.520	22.614	46.5	Pass
T8	460 - 435	Diagonal	3/4	206	6.720	12.720	52.8	Pass
T9	435 - 410	Diagonal	5/8	245	3.054	8.834	34.6	Pass
T10	410 - 385	Diagonal	5/8	258	4.871	8.834	55.1	Pass
T11	385 - 360	Diagonal	3/4	297	7.907	12.720	62.2	Pass
T12	360 - 335	Diagonal	1	336	10.963	22.614	48.5	Pass
T13	335 - 310	Diagonal	1 1/4	373	14.101	35.334	39.9	Pass
T14	310 - 285	Diagonal	1	439	14.351	22.614	63.5	Pass
T15	285 - 260	Diagonal	3/4	478	10.448	12.720	82.1	Pass
T16	260 - 235	Diagonal	5/8	517	7.354	8.834	83.2	Pass
T17	235 - 210	Diagonal	5/8	529	3.004	8.834	34.0	Pass
T18	210 - 185	Diagonal	7/8	568	12.033	17.314	69.5	Pass
T19	185 - 160	Diagonal	1	607	17.687	22.614	78.2	Pass
T20	160 - 135	Diagonal	1 1/4	673	17.491	35.334	49.5	Pass
T21	135 - 110	Diagonal	1	716	8.811	22.614	39.0	Pass
T22	110 - 85	Diagonal	7/8	756	5.895	17.314	34.0	Pass
T23	85 - 60	Diagonal	7/8	794	3.262	17.314	18.8	Pass
T24	60 - 35	Diagonal	7/8	803	5.390	17.314	31.1	Pass
T25	35 - 10	Diagonal	7/8	845	7.771	17.314	44.9	Pass
T26	10 - 0	Diagonal	L3x3 1/2x5/16	882	-2.970	26.824	11.1	Pass
T2	553.75 - 547.5	Horizontal	2L2 1/2x2 1/2x1/4x3/8	19	-0.805	45.860	1.8 2.0 (b)	Pass
T5	535 - 510	Horizontal	2L2 1/2x2 1/2x1/4x3/8	67	-4.332	34.310	12.6	Pass
T6	510 - 485	Horizontal	2L2 1/2x2 1/2x1/4x3/8	107	11.392	56.318	20.2 30.6 (b)	Pass
T7	485 - 460	Horizontal	2L2 1/2x2 1/2x1/4x3/8	163	-8.073	34.455	23.4	Pass
T8	460 - 435	Horizontal	2L2x2x3/16x3/8	202	-5.151	16.234	31.7	Pass
T9	435 - 410	Horizontal	2L2x2x3/16x3/8	241	-2.272	16.234	14.0	Pass
T10	410 - 385	Horizontal	2L2x2x3/16x3/8	263	-3.593	16.234	22.1	Pass
T11	385 - 360	Horizontal	2L2x2x1/4x3/8	302	-6.066	20.982	28.9	Pass
T12	360 - 335	Horizontal	2L2 1/2x2 1/2x1/4x3/8	341	-8.467	34.527	24.5	Pass
T13	335 - 310	Horizontal	2L2 1/2x2 1/2x1/4x3/8	398	-9.963	34.670	28.7 36.3 (b)	Pass
T14	310 - 285	Horizontal	2L2 1/2x2 1/2x1/4x3/8	436	-11.181	34.599	32.3	Pass
T15	285 - 260	Horizontal	2L2x2 1/2x3/16x3/8	475	-8.174	17.730	46.1	Pass
T16	260 - 235	Horizontal	2L2x2 1/2x3/16x3/8	514	-5.597	17.730	31.6	Pass
T17	235 - 210	Horizontal	2L2x2 1/2x3/16x3/8	535	-2.212	13.301	16.6	Pass
T18	210 - 185	Horizontal	2L2x2 1/2x3/16x3/8	574	-7.312	17.798	41.1	Pass
T19	185 - 160	Horizontal	2L2 1/2x2 1/2x1/4x3/8	613	-13.854	34.670	40.0	Pass
T20	160 - 135	Horizontal	2L2 1/2x2 1/2x1/4x3/8	672	14.314	56.318	25.4 38.5 (b)	Pass
T21	135 - 110	Horizontal	2L2 1/2x2 1/2x1/4x3/8	711	-6.774	34.670	19.5	Pass
T22	110 - 85	Horizontal	2L2x2x1/4x3/8	750	-4.481	21.141	21.2	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T23	85 - 60	Horizontal	2L2x2x3/16x3/8	780	-3.061	12.270	24.9	Pass
T24	60 - 35	Horizontal	2L2x2x3/16x3/8	817	-3.144	12.270	25.6	Pass
T25	35 - 10	Horizontal	2L2x2x3/16x3/8	850	-5.611	16.356	34.3	Pass
T26	10 - 0	Horizontal	L3x5x1/2	880	-3.847	60.477	6.4	Pass
T1	560 - 553.75	Top Girt	C6x8.2	4	-0.255	46.232	0.6 0.8 (b)	Pass
T3	547.5 - 541.25	Top Girt	2L2 1/2x2 1/2x1/4x3/8	34	-1.088	34.527	3.2	Pass
T4	541.25 - 535	Top Girt	2L2 1/2x2 1/2x1/4x3/8	46	-2.459	34.527	7.1	Pass
T5	535 - 510	Top Girt	2L2 1/2x2 1/2x1/4x3/8	58	-2.971	34.527	8.6	Pass
T6	510 - 485	Top Girt	2L2 1/2x2 1/2x1/4x3/8	99	-5.065	34.527	14.7	Pass
T7	485 - 460	Top Girt	2L2 1/2x2 1/2x1/4x3/8	136	-8.285	34.886	23.7	Pass
T8	460 - 435	Top Girt	2L2x2x3/16x3/8	175	-5.820	16.543	35.2	Pass
T9	435 - 410	Top Girt	2L2x2x3/16x3/8	214	-2.976	16.234	18.3	Pass
T10	410 - 385	Top Girt	2L2x2x3/16x3/8	254	-1.844	16.234	11.4	Pass
T11	385 - 360	Top Girt	2L2x2x3/16x3/8	293	-4.312	16.234	26.6	Pass
T12	360 - 335	Top Girt	2L2 1/2x2 1/2x1/4x3/8	332	-6.784	34.310	19.8	Pass
T13	335 - 310	Top Girt	2L2 1/2x2 1/2x1/4x3/8	371	-9.108	34.742	26.2	Pass
T14	310 - 285	Top Girt	2L2 1/2x2 1/2x1/4x3/8	409	-10.996	35.100	31.3	Pass
T15	285 - 260	Top Girt	2L2x2 1/2x3/16x3/8	448	-8.888	17.798	49.9	Pass
T16	260 - 235	Top Girt	2L2x2 1/2x3/16x3/8	487	-6.305	17.730	35.6	Pass
T17	235 - 210	Top Girt	2L2x2 1/2x3/16x3/8	528	-1.848	17.730	10.4	Pass
T18	210 - 185	Top Girt	2L2x2 1/2x3/16x3/8	565	-3.077	17.730	17.4	Pass
T19	185 - 160	Top Girt	2L2 1/2x2 1/2x1/4x3/8	604	-10.749	34.599	31.1	Pass
T20	160 - 135	Top Girt	2L2 1/2x2 1/2x1/4x3/8	643	-13.595	34.886	39.0	Pass
T21	135 - 110	Top Girt	2L2 1/2x2 1/2x1/4x3/8	684	-7.451	35.171	21.2	Pass
T22	110 - 85	Top Girt	2L2x2x1/4x3/8	723	-5.026	21.384	23.5	Pass
T23	85 - 60	Top Girt	2L2x2x3/16x3/8	762	-2.825	16.543	17.1	Pass
T24	60 - 35	Top Girt	2L2x2x3/16x3/8	799	-2.518	16.543	15.2	Pass
T25	35 - 10	Top Girt	2L2x2x3/16x3/8	838	-4.564	16.543	27.6	Pass
T25	35 - 10	Bottom Girt	2L4x3x1/2	841	49.507	140.400	35.3	Pass
T1	560 - 553.75	Inner Bracing	L3x3x1/4	14	-0.004	24.780	0.2	Pass
T2	553.75 - 547.5	Inner Bracing	L3x3x1/4	29	-0.004	24.780	0.2	Pass
T26	10 - 0	Inner Bracing	L3x3x5/16	889	-0.255	27.258	0.9	Pass
T6	510 - 485	Guy A@491.25	1 3/4	897	82.801	188.000	44.0	Pass
T13	335 - 310	Guy A@316.25	1 1/2	903	67.223	138.000	48.7	Pass
T20	160 - 135	Guy A@153.75	1 1/4	909	48.552	96.000	50.6	Pass
T6	510 - 485	Guy B@491.25	1 3/4	896	81.830	188.000	43.5	Pass
T13	335 - 310	Guy B@316.25	1 1/2	902	66.410	138.000	48.1	Pass
T20	160 - 135	Guy B@153.75	1 1/4	908	47.688	96.000	49.7	Pass
T6	510 - 485	Guy C@491.25	1 3/4	892	84.313	188.000	44.8	Pass
T13	335 - 310	Guy C@316.25	1 1/2	898	68.507	138.000	49.6	Pass
T20	160 - 135	Guy C@153.75	1 1/4	904	49.448	96.000	51.5	Pass
T6	510 - 485	Top Guy Pull-Off@491.25	L2 1/2x2 1/2x1/4	894	5.696	34.263	16.6	Pass
T13	335 - 310	Top Guy Pull-	L2 1/2x2 1/2x1/4	899	6.744	34.263	19.7	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
		Off@316.25						
T20	160 - 135	Top Guy Pull-Off@153.75	L2 1/2x2 1/2x1/4	907	7.157	34.263	20.9	Pass
							Summary	
						Leg (T26)	39.3	Pass
						Diagonal (T16)	83.2	Pass
						Horizontal (T15)	46.1	Pass
						Top Girt (T15)	49.9	Pass
						Bottom Girt (T25)	35.3	Pass
						Inner Bracing (T26)	0.9	Pass
						Guy A (T20)	50.6	Pass
						Guy B (T20)	49.7	Pass
						Guy C (T20)	51.5	Pass
						Top Guy Pull-Off (T20)	20.9	Pass
						Bolt Checks	60.8	Pass
						RATING =	**83.2**	**Pass**

Table 6 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Base Foundation Soil Interaction	Base	34.6	Pass
3	Guy Anchor Foundation	Base	50.8	Pass*[3]

Structure Rating (max from all components) =	83.2%

Notes:
1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.
2) Capacities up to 100% are considered acceptable based on analysis methods used.
3) Foundation capacity determined by comparing analysis reactions to original design reactions from Stainless Inc., Report # 3290, Dated 9/11/1986.

4.1) Recommendations

The tower and its base and anchor foundations have sufficient capacity to carry the existing, reserved and proposed loads. No modifications are required at this time.

TAB 5

CROWN CASTLE

3530 Toringdon Way
Suite 300
Charlotte, NC 28277

Tel: 704-405-6523
Fax: 724-416-6153

November 20, 2013

RE: Crown Castle Letter of Authorization (LOA)

Crown Castle, does hereby authorize **AT&T Mobility ("AT&T")** and its authorized contractors/agents to act as "Applicant" in the processing of all applications, permits, research and other related activities associated with the processing, planning, design review, permitting, entitlement and construction of additional equipment, antennas and site improvements for the Crown Castle existing wireless communications facility described as follows:

Customer Site Name:	Avon Deercliff	**Crown Castle Site ID Number:**	870800
Site Address:	376 Deercliff Road Avon, CT 06001	**Crown Castle Site Name:**	Avon (Deercliff Rd.)

This authorization is fully contingent upon **AT&T's** authorized contractors/agents' compliance with the following conditions:

1. Crown Castle must review the application prior to submittal. Crown Castle must be provided all applications, narratives, drawings and attachments at least 72 hours in advance of their submittal to the locality. Use of email and electronic attachments is encouraged. A Crown Castle Zoning Subject Matter Expert (SME) will review and provide written comment to the customer within 48 hours of receipt of a complete set of application materials. If Crown Castle indicates that changes are required, submissions shall be altered in accordance with Crown Castle comments prior to submission to the locality. Verification of corrections should also be accomplished via emails and attachments.
2. In no event may **AT&T** encourage, suggest, participate in, or permit the imposition of any restrictions or additional obligations whatsoever on the tower site or Crown Castle's current or future use or ability to license space at the tower site as part of or in exchange for obtaining any approval, permit, exception or variance.
3. A copy of the final permit and/or a written summary of the zoning/entitlement decision rendered by the locality and any/all conditions placed on that decision shall be communicated in detail to Crown Castle well within the appeal period provided by the locality (typically 10-15 days).
4. All conditions of approval pertinent to the construction of the proposed project must be included in the construction drawings for the project. The conditions of approval pertinent to the construction of the project shall be copied verbatim from the zoning permit approval language, and shall be present in the drawings prior to submission for building permits and contractor bidding. Crown Castle shall verify the inclusion of appropriate conditions of approval in the construction drawing redline process.
5. Crown Castle will provide a Notice To Proceed (NTP) to construction to the customer upon receipt of the final approved zoning permit and the approved Building Permit.

By Crown Castle:

Signature: Sarah Brown

Printed Name: Sarah Brown

Title: Real Estate Specialist

Date: November 20, 2013

TAB 6

Power Density Calculations

Applicant:	New Cingular Wireless PCS, LLC ("AT&T")
Site ID:	S3106
Site Type:	557' Lattice Guide Tower
Address:	376 Deercliff Road, Avon CT 06001
Date:	April 16, 2014

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1. Existing Power Density [1]

Carrier	# Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
Marcus	1	100	134	0.0020	5.8GHz	1.0000	0.20%
Marcus	1	100	131	0.0021	5.8GHz	1.0000	0.21%
Light Squared	1	1629	557	0.0019	1672.5	1.0000	0.19%
Pocket (now MetroPCS)	3	631	214	0.0149	2130	1.0000	1.49%
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
T-Mobile GSM	8	94	242	0.0046	1945	1.0000	0.46%
T-Mobile UMTS	2	530	242	0.0065	2100	1.0000	0.65%
Arch Communications	n/a	n/a	251	0.0200	929	0.6193	3.22%
Hartford Data Dispatch	n/a	n/a	200	0.0112	220	0.2000	5.62%
Hartford Data Dispatch	n/a	n/a	200	0.0022	221	0.2000	1.12%
Pagemart	n/a	n/a	315	0.0380	929	0.6193	6.14%
Pagenet	n/a	n/a	513	0.0253	929	0.6193	4.08%
Preferred Network	n/a	n/a	190	0.0162	157	0.2000	8.11%
Roamer One	n/a	n/a	191	0.0010	220	0.2000	0.49%
Roamer One	n/a	n/a	191	0.0025	221	0.2000	1.23%
Nationwide	n/a	n/a	251	0.0057	929	0.6193	0.92%
WHCT TV (Ch 18)	n/a	n/a	580	0.1344	470	0.3133	42.89%
Nextel	9	100	260	0.0048	851	0.5673	0.84%
						TOTAL	**77.96%**

2. Proposed AT&T Power Density [2]

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
AT&T UMTS	2	500	200	0.0100	800 Band	0.05867	1.70%
AT&T UMTS	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	700 Band	0.4667	1.07%
AT&T LTE	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	2300 Band	1.0000	0.5%
						TOTAL	**4.27%**

[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.

3. Cumulative Power Density Calculation Results

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
Marcus	1	100	134	0.0020	5.8GHz	1.0000	0.20%
Marcus	1	100	131	0.0021	5.8GHz	1.0000	0.21%
Light Squared	1	1629	557	0.0019	1672.5	1.0000	0.19%
Pocket (now MetroPCS)	3	631	214	0.0149	2130	1.0000	1.49%
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
T-Mobile GSM	8	94	242	0.0046	1945	1.0000	0.46%
T-Mobile UMTS	2	530	242	0.0065	2100	1.0000	0.65%
Arch Communications	n/a	n/a	251	0.0200	929	0.6193	3.22%
Hartford Data Dispatch	n/a	n/a	200	0.0112	220	0.2000	5.62%
Hartford Data Dispatch	n/a	n/a	200	0.0022	221	0.2000	1.12%
Pagemart	n/a	n/a	315	0.0380	929	0.6193	6.14%
Pagenet	n/a	n/a	513	0.0253	929	0.6193	4.08%
Preferred Network	n/a	n/a	190	0.0162	157	0.2000	8.11%
Roamer One	n/a	n/a	191	0.0010	220	0.2000	0.49%
Roamer One	n/a	n/a	191	0.0025	221	0.2000	1.23%
Nationwide	n/a	n/a	251	0.0057	929	0.6193	0.92%
WHCT TV (Ch 18)	n/a	n/a	580	0.1344	470	0.3133	42.89%
Nextel	9	100	260	0.0048	851	0.5673	0.84%
AT&T UMTS	2	500	200	0.0100	800 Band	0.05867	1.70%
AT&T UMTS	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	700 Band	0.4667	1.07%
AT&T LTE	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	2300 Band	1.0000	0.5%
						TOTAL	**82.23%**

4. Conclusion:

The addition of AT&T's antennas on the existing tower will result in the cumulative maximum permissible exposure (MPE) level of 82.23%. 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 below the FCC's mandated radio frequency exposure limits.

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

January 27, 2014

Adam Braillard
Smartlink
33 Boston Post Road West
Marlborough, MA 01752

RE: **TS-AT&T-004-131223** – AT&T request for an order to approve tower sharing at an existing telecommunications facility located at 376 Deercliff Road, Avon, Connecticut.

Dear Mr. Braillard:

At a public meeting held January 23, 2014, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures with the following conditions:

- Any deviation from the proposed installation as specified in the original tower share request and supporting materials with the Council shall render this decision invalid;
- Any material changes to the proposed installation as specified in the original tower share request and supporting materials filed with the Council shall require an explicit request for modification to the Council pursuant to Connecticut General Statutes § 16-50aa, including all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65;
- Not less than 45 days after completion of the proposed installation, the Council shall be notified in writing that the installation has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction. Please be advised that the validity of this action shall expire one year from the date of this letter.

The proposed shared use is to be implemented as specified in your letter dated December 20, 2013, including the placement of all necessary equipment and shelters within the tower compound.

CSC
CONNECTICUT SITING COUNCIL

Thank you for your attention and cooperation.

Very truly yours,

Robert Stein

Robert Stein
Chairman

RS/CDM/cm

c: The Honorable Mark W. Zacchio, Chairman, Town of Avon
Steven V. Kushner, Town Planner, Town of Avon
Crown Castle

smartlink

Via Overnight Delivery

December 20, 2012

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

Re: **Tower Sharing Application**
Property Address: **376 Deercliff Road, Avon, CT 06001 (the "Property")**
Applicant: **New Cingular Wireless PCS, LLC ("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.

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

Sincerely,

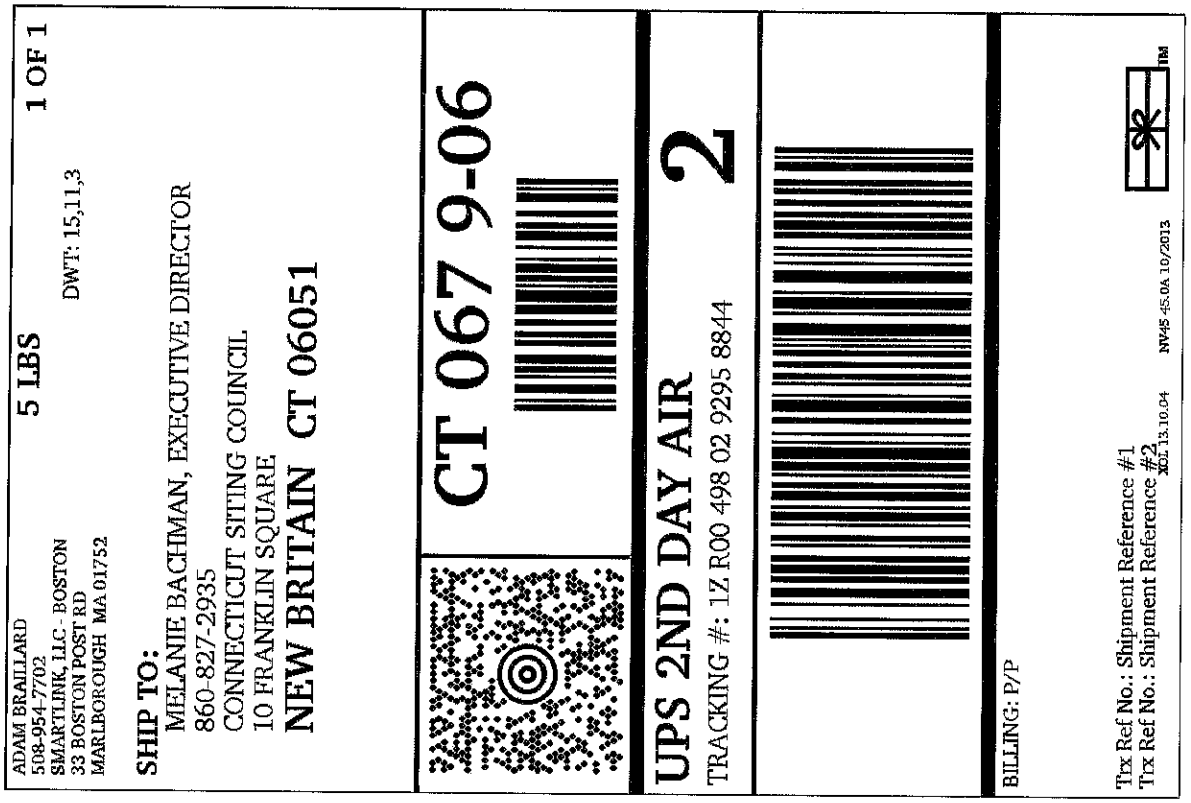
Adam F. Braillard

S3106 CSC TS ZAP App

Enclosures

cc w/enclosures:
Brandon Robertson, Town Manager, Town of Avon
Homeowners Finance Co, Property Owners

33 Boston Post Road West, Marlborough, Massachusetts 01752
p: 508.954.7702 • adam.braillard@smartlinkllc.com
www.smartlinkllc.com



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Shipment Date:	2013-12-20
Bill Shipment To:	Bill My Account
Bill To Acct:	R00498

Description:

RECEIPT

Waybill #: 1ZR004980292958844

To (Company):

CONNECTICUT SITING COUNCIL

10 FRANKLIN SQUARE

NEW BRITAIN, CT, 06051
UNITED STATES

Attention To:

MELANIE BACHMAN, EXECUTIVE
860-827-2935

Sent By:

Adam Braillard
508-954-7702

SMARTLINK, LLC
1997 Annapolis Exchange Pkwy Suite 200
Annapolis, MD 21401

BRANCH BANKING AND TRUST COMPANY
65-330/550

0175

12/10/13

PAY TO THE ORDER OF Connecticut Siting Counsel $ 625

Six hundred twenty five & 00/100 DOLLARS

MEMO S 3106 CSC Filings

MP

⑈000175⑈ ⑆055003308⑆0005158694044⑈

SMARTLINK, LLC

0175

SMARTLINK, LLC

0175

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 (AT&T)
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

376 Deercliff Road
Avon, Connecticut 06001

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

Date Submitted: December 20, 2013

TABLE OF CONTENTS

APPLICANT

New Cingular Wireless PCS, LLC (AT&T)
500 Enterprise Drive, Suite 3A
Rocky Hill, CT 06067

TOWER/PROPERTY ADDRESS

376 Deercliff Road
Avon, Connecticut 06001

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Tower Owner Letter of Authority	Tab 5
Power Density Calculations	Tab 6

TAB 1

smartlink

December 20, 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:	**376 Deercliff Road, Avon CT 06001(the "Property")**
Applicant:	**New Cingular Wireless PCS, LLC ("AT&T")**

Dear Ms. Bachman:

On behalf of AT&T, please accept this 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 Crown Atlantic Company LLC, ("Crown") and consists of a 557' lattice style guide tower (the "Tower") located on the Property. There are currently numerous telecommunications antennas on the Tower with antenna heights ranging from 557' to 100'. Further, the Facility consists of several equipment shelters and buildings adjacent to the Tower. There is not fenced compound at the base of the Tower.

II. The Tower Share

AT&T proposes to install a total of twelve (12) panel antennas (4 per sector) and remote radio head ("RRHs") on the tower (see attached plans). The antennas and RRHs will be mounted on the Tower at an antenna centerline of 200'. Further, AT&T proposes to install an 11'.5" x 16' equipment shelter and a generator at the base of the Tower next to the existing equipment shelters. The Tower will not be increased in height. Moreover, no upgrades to the

33 Boston Post Road West, Marlborough, Massachusetts 01752
p: 508.954.7702 • adam.braillard@smartlinkllc.com
www.smartlinkllc.com

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 has performed a structural analysis of the Tower with AT&T proposed modifications. The structural analysis, dated December 17, 2013 and attached herewith (see Tab 4) concludes that the "tower and its foundation have sufficient capacity to carry the existing, reserved and proposed loads"[1]. Consequently, the shared use of the Tower 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 Avon 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 Avon. AT&T is entering into an agreement with Crown 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 does not increase the height 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 Verizon antennas and the

[1] Structural analysis was performed by B+T Group and consists of 87 pages. To reduce the number of pages needed to file this application, we only attached the summary pages of the structural analysis (9 pages) without the calculation appendixes. Those can be submitted upon request.

proposed AT&T antennas will be 82.23% 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 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 20rd day of December, 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:

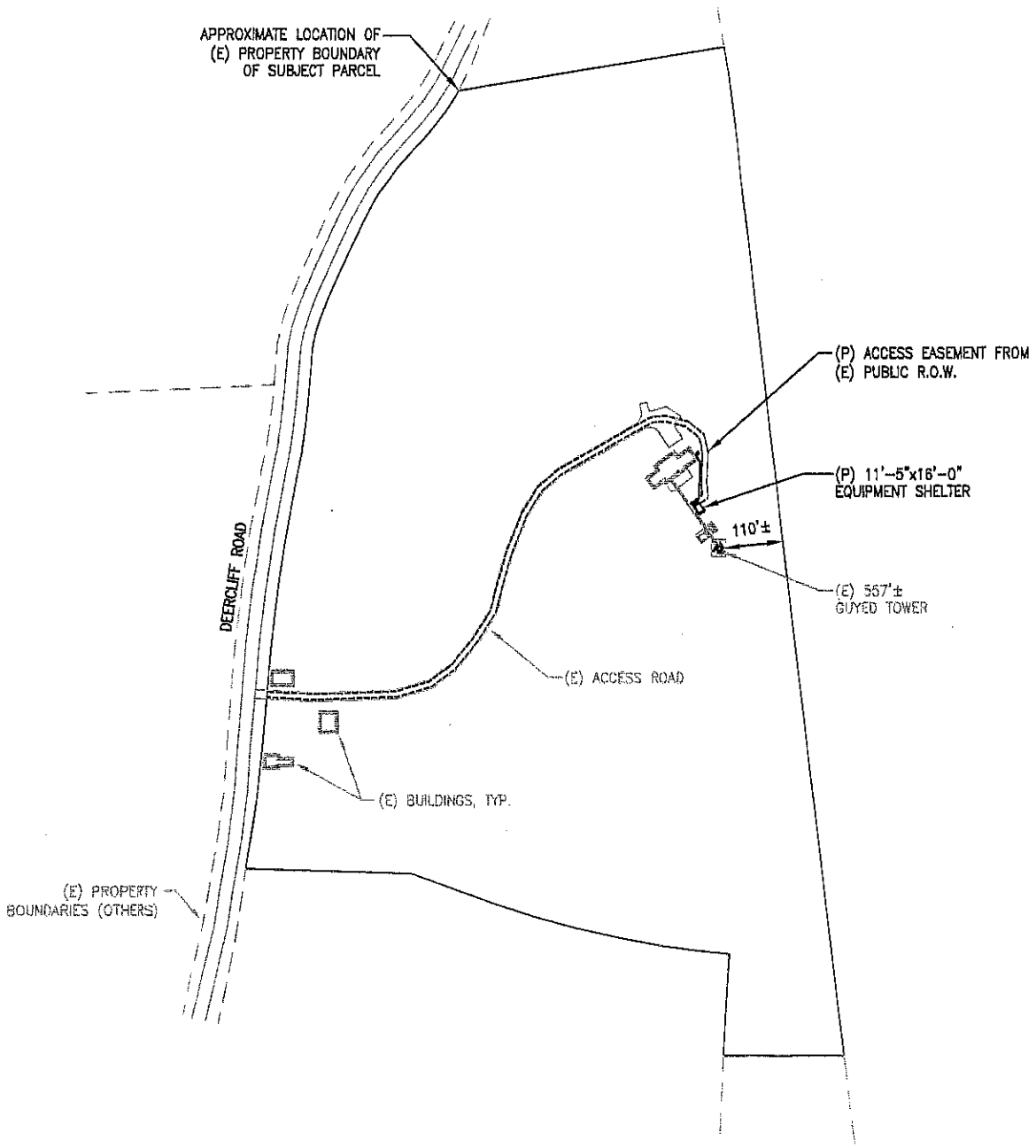
Homeowners Finance Company
530 Silas Deane Highway
Wethersfield, CT 06109
860-529-8628

and

Brandon Robertson
Town Manager, Town of Avon
60 West Main Street
Avon, CT 06001
860-409-4300

By:_____
Adam F. Braillard

TAB 3



1/1 SITE PLAN

SCALE: 1=300'-0"

NORTH

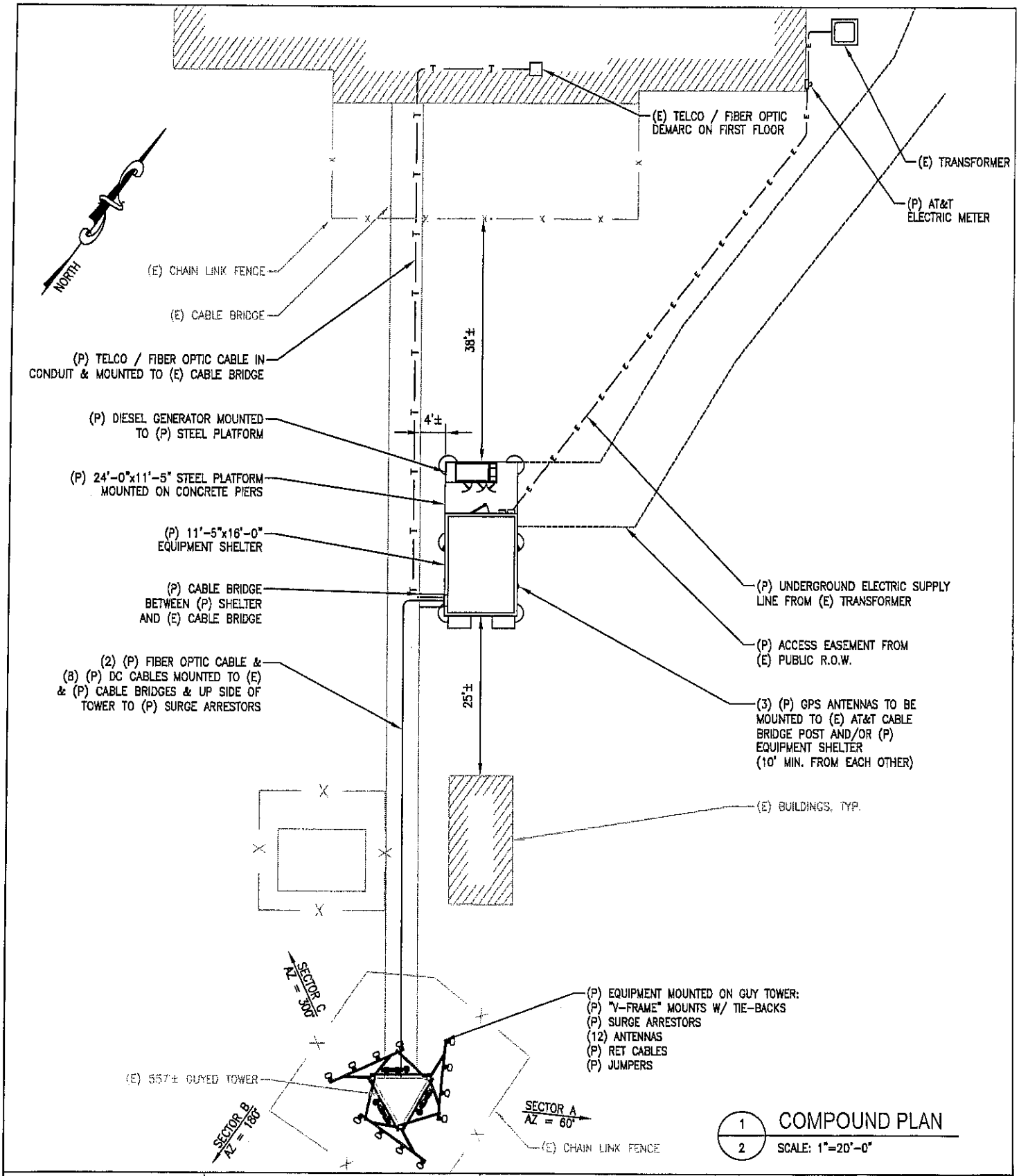
ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE:	LEASE EXHIBIT
SITE NO:	S3106A
SITE NAME:	AVON DEERCLIFF ROAD
ADDRESS:	376 DEERCLIFF ROAD AVON, CT 06001

DATE:	12/16/13
DRAWN BY:	MER
REVISION:	2
SCALE:	NOTED
SHEET:	1 OF 3



1/2 COMPOUND PLAN
SCALE: 1"=20'-0"

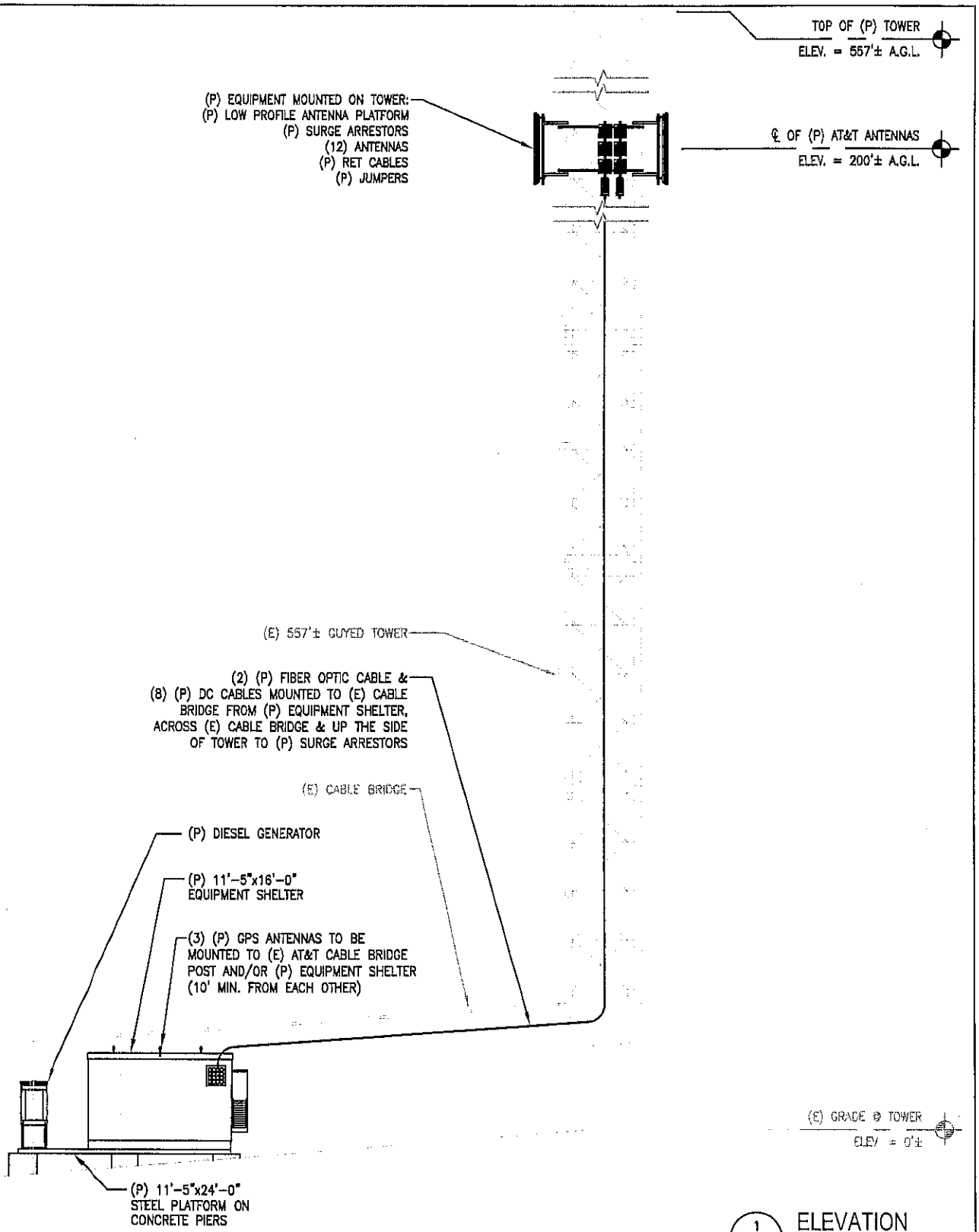
ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE:	LEASE EXHIBIT
SITE NO:	S3106A
SITE NAME:	AVON DEERCLIFF ROAD
ADDRESS:	376 DEERCLIFF ROAD AVON, CT 06001

DATE:	12/16/13
DRAWN BY:	MER
REVISION:	2
SCALE:	NOTED
SHEET:	2 OF 3



1/3 ELEVATION

SCALE: 1/16"=1'-0"

ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
PH: (401) 354-2403
FAX: (401) 633-6354

at&t
550 COCHITUATE ROAD, SUITE 13 & 14,
FRAMINGHAM, MA 01701-4681

smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401

TITLE:	LEASE EXHIBIT
SITE NO:	S3106A
SITE NAME:	AVON DEERCLIFF ROAD
ADDRESS:	376 DEERCLIFF ROAD AVON, CT 06001

DATE:	12/16/13
DRAWN BY:	MER
REVISION:	2
SCALE:	NOTED
SHEET:	3 OF 3

TAB 4

December 17, 2013

Steve Tuttle
Crown Castle
8 Parkmeadow Drive
Pittsford, NY 14534
(585) 899 3445

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
btwo@btgrp.com

Subject:	**Structural Analysis Report**	
Carrier Designation:	***AT&T Mobility* Co-Locate**	
	Carrier Site Number:	S3106A
	Carrier Site Name:	Avon Deercliff
Crown Castle Designation:	**Crown Castle BU Number:**	870800
	Crown Castle Site Name:	Avon (Deercliff Rd.)
	Crown Castle JDE Job Number:	244703
	Crown Castle Work Order Number:	685051
	Crown Castle Application Number:	198594 Rev. 8
Engineering Firm Designation:	**B+T Group Project Number:**	83041.003.01
Site Data:	**376 Deercliff Road, Avon, Hartford County, CT** **Latitude *41° 46' 29.95"*, Longitude *-72° 48' 2.07"*** **560 Foot - Guyed Tower**	

Dear Mr. Tuttle,

B+T Group is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above mentioned tower. This analysis has been performed in accordance with the Crown Castle Structural 'Statement of Work' and the terms of Crown Castle Purchase Order Number 599591, in accordance with application 198594, revision 8.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Existing + Reserved + Proposed Equipment **Sufficient Capacity**
Note: See Table 1 and Table 2 for the proposed and existing/reserved loading, respectively.

The analysis has been performed in accordance with the TIA/EIA-222-F standard and 2005 CT State Building Code based upon a wind speed of 80 mph fastest mile.

All equipment proposed in this report shall be installed in accordance with the attached drawings for the determined available structural capacity to be effective.

We at *B+T Group* appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:
B+T Engineering, Inc.

Venu Ambati
Project Engineer

Chad E. Tuttle, P.E.
President

tnxTower Report - version 6.1.3.1

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3.2) Assumptions

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4.1) Recommendations

5) APPENDIX A
tnxTower Output

6) APPENDIX B
Base Level Drawing

7) APPENDIX C
Additional Calculations

1) INTRODUCTION

This tower is a 560 ft. Guyed tower designed by STAINLESS INC. in November of 1986 and mapped by Pinnacle Towers in 1999. The tower was originally designed for a wind speed of 50 mph per EIA-222-C. All modifications designed by GPD (dated 10/11/07) were considered in the analysis.

2) ANALYSIS CRITERIA

The structural analysis was performed for this tower in accordance with the requirements of TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 80 mph with no ice, 37 mph with 1 inch ice thickness and 50 mph under service loads.

Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
190.0	190.0	3	Andrew	SBNH-1D6565C	2 8	3/8 3/4	--
		3	Andrew	SBNHH-1D65C			
		6	Ericsson	KRC 118 054/1			
		18	Ericsson	RRUS 11			
		4	Raycap	DC6-48-60-18-8F			
		1	--	Sector Mount [SM 502-3]			

Table 2 - Existing and Reserved Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
557.0	557.0	3	Kathrein	AP19-1670/090D/DT2	1	1 5/8	2
		1	Rfs Celwave	PDS3DE-698/2700			
		1	--	Pipe Mount [PM 601-3]			
514.0	528.0	1	Telewave	ANT150F6	1 1	1 5/8 1 1/4	1
	519.0	1	Andrew	PG1NOF-0093-8			
	514.0	2	--	Side Arm Mount [SO 312-1]			
505.0	505.0	1	--	Flush Mount	--	--	1
492.0	500.0	1	Tx Rx Systems	101-68-10-0-03N	1	1 1/4	1
	492.0	1	--	Side Arm Mount [SO 308-1]			
490.0	490.0	1	Andrew	ATW25HS3-HSO-46H	1	4 1/16	1
		1	--	Standoff			
465.0	475.0	1	Telewave	ANT150F6	1	7/8	1
	465.0	1	--	Side Arm Mount [SO 312-1]			
442.0	450.0	1	Tx Rx Systems	101-68-10-0-03N	1	1 1/4	1
	442.0	1	--	Side Arm Mount [SO 308-1]			
438.0	448.0	2	Telewave	ANT150F6	2	7/8	1
		2	--	Pipe Mounts			
	438.0	1	--	Side Arm Mount [SO 308-1]			
415.0	425.0	1	Telewave	TPRD-1554	1 2	1 5/8 1/2	1
		1	Tx Rx Systems	101D-90-06-0-03			
	415.0	1	--	Side Arm Mount [SO 308-1]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
388.0	402.0	1	Sinclair	SC233	1	1 5/8	1
	388.0	1	--	Side Arm Mount [SO 306-1]			
324.0	329.0	2	Decibel	DB636-C	2	1 5/8	1
	324.0	2	--	Side Arm Mount [SO 601-1]			
294.0	303.0	1	Decibel	DB540K-E	1	7/8	1
	294.0	1	--	Side Arm Mount [SO 306-1]			
288.0	293.0	1	Decibel	DB636-C	1 1 1	1 5/8 1/2	1
	288.0	1	Andrew	P2F-52			
		1	--	6"x1' TME			
		2	--	Side Arm Mount [SO 201-1]			
		1	--	Side Arm Mount [SO 601-1]			
270.0	273.0	1	Tx Rx Systems	CC806-06	--	--	3
	270.0	1	--	Side Arm Mount [SO 306-1]			
250.0	254.0	1	Decibel	DB810M-XC	--	--	3
	250.0	1	--	Side Arm Mount [SO 306-1]			
245.0	246.0	6	Decibel	844G65VTZASX	8	1 5/8	1
		2	Rfs Celwave	AP859012-42T0			
	245.0	2	--	Sector Mount [SM 502-1]			
237.0	238.0	2	Ems Wireless	FR90-16-02DP	4	7/8	1
		2	Rfs Celwave	ATMPP1412D-1CWA			
	237.0	2	--	Sector Mount [SM 401-1]			
214.0	214.0	3	Kathrein	742 213	6	1 5/8	1
212.0	222.0	1	Telewave	ANT150F6	1	7/8	1
	212.0	1	--	Side Arm Mount [SO 306-1]			
175.0	185.0	1	Telewave	ANT150F6	1	7/8	1
	175.0	1	--	Side Arm Mount [SO 602-1]			
145.0	145.0	1	--	Side Arm Mount [SO 202-1]	1	EW52	1
138.0	138.0	1	Radiowaves	SPD2-5.8	1	1/2	1
		1	--	6"x1' TME			
134.0	134.0	1	Radiowaves	SPD2-5.8	1	1/2	1
		1	--	6"x1' TME			
112.0	116.0	1	Rfs Celwave	201-8	1	3/8	1
	112.0	1	Mounts	Flush Mount			
91.0	94.0	1	Telewave	ANT150F2	1	1/2	1
	91.0	1	Mounts	Flush Mount			
80.0	81.0	1	Dragonwave	A-ANT-11G-4-C	1	3/8	1
	80.0	1	--	Side Arm Mount [SO 301-1]			
76.0	76.0	1	--	Side Arm Mount [SO 301-1]	1	1/2	1
		1	Trimble	Acutime 2000			

Notes:
1) Existing Equipment
2) Reserved Equipment
3) Abandoned Equipment; Considered in This Analysis

Table 3 - Design Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
560	560	1	Andrew	Ch. 18 Wavestar	1	6-1/8
		1	Harris	Ch. 18 Wavestar	1	WR1800
550	550	6	Generic	2-Way Antennas	6	7/8
490	490	1	Generic	8' Microwave Parabolic Antenna	1	EW64
480	480	6	Generic	2-Way Antennas	6	7/8
320	320	1	Generic	8' Microwave Parabolic Antenna	1	EW64
315	315	1	Generic	4' Microwave Parabolic Antenna	1	EW64
300	300	1	Generic	2-Bay FM Antenna	1	3
200	200	1	Generic	PR450	1	7/8

3) ANALYSIS PROCEDURE

Table 4 - Documents Provided

Document	Remarks	Reference	Source
Online Application	AT&T Mobility Co-Locate, Rev# 8	198594	CCISITES
Tower Manufacturer Drawings	Stainless, dated 11/05/1986	1579694	CCISITES
Tower Mapping	Pinnacle dated 04/14/99		CCISITES
Tower Mapping	TEP; Project # 25688.11984	Date: 12/11/2013	Email
Previous Analysis	GPD (DATED: 04/26/2013)	3817469	CCI SITES
Modification Drawings	GPD Project No. 2007282.88, dated 10/11/2007	2124272	CCISITES
Post Modification Inspection	GPD, Project No. 2007287.82, dated 04/03/2008		CCISITES
Foundation Mapping	Pinnacle Tower dated 07/30/1999	1341932	CCISITES
Geotechnical Report	United Consulting Project No. 20004476-01	1579662	CCISITES
Antenna Configuration	Crown CAD Package	Date:10/24/2013	CCISITES

3.1) Analysis Method

tnxTower (version 6.1.3.1), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were built in accordance with the manufacturer's specifications.
2) The tower and structures have been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
4) When applicable, transmission cables are considered as structural components for calculating wind loads as allowed by TIA/EIA-222-F.

5) Mount areas and weights are assumed based on photographs provided.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 5 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	560 - 553.75	Leg	4	1	-0.741	251.245	0.3	Pass
T2	553.75 - 547.5	Leg	4	16	-1.770	251.245	0.7	Pass
T3	547.5 - 541.25	Leg	4	31	-7.185	334.910	2.1	Pass
T4	541.25 - 535	Leg	4	43	-11.578	334.910	3.5	Pass
T5	535 - 510	Leg	4	55	-35.953	334.910	10.7	Pass
T6	510 - 485	Leg	4 1/2	94	-71.246	456.810	15.6 16.4 (b)	Pass
T7	485 - 460	Leg	4 1/2	135	-57.667	342.693	16.8	Pass
T8	460 - 435	Leg	4 3/4	174	-88.294	523.717	16.9	Pass
T9	435 - 410	Leg	4 3/4	213	-91.317	523.717	17.4	Pass
T10	410 - 385	Leg	4 3/4	252	-90.298	523.717	17.2	Pass
T11	385 - 360	Leg	4 3/4	291	-72.700	392.886	18.5	Pass
T12	360 - 335	Leg	4 3/4	330	-76.704	392.886	19.5	Pass
T13	335 - 310	Leg	5 1/4	367	-135.578	669.441	20.3	Pass
T14	310 - 285	Leg	5	408	-113.368	446.057	25.4	Pass
T15	285 - 260	Leg	4 3/4	445	-117.075	392.886	29.8	Pass
T16	260 - 235	Leg	4 3/4	484	-123.728	392.886	31.5	Pass
T17	235 - 210	Leg	4 3/4	523	-128.226	392.886	32.6	Pass
T18	210 - 185	Leg	5	563	-136.016	446.057	30.5	Pass
T19	185 - 160	Leg	5 1/4	602	-142.312	502.206	28.3	Pass
T20	160 - 135	Leg	5 1/2	640	-160.285	561.330	28.6	Pass
T21	135 - 110	Leg	5 1/4	679	-165.659	502.206	33.0	Pass
T22	110 - 85	Leg	5 1/4	719	-170.674	502.206	34.0	Pass
T23	85 - 60	Leg	5 1/4	758	-175.723	502.206	35.0	Pass
T24	60 - 35	Leg	5 1/4	798	-180.709	502.206	36.0	Pass
T25	35 - 10	Leg	5 1/4	835	-185.537	502.206	36.9	Pass
T26	10 - 0	Leg	5 1/4	877	-206.366	525.932	39.2	Pass
T1	560 - 553.75	Diagonal	2L3x3x1/4x3/8	7	-0.505	48.787	1.0	Pass
T2	553.75 - 547.5	Diagonal	2L2 1/2x2x3/16x3/8	20	-1.458	19.512	7.5	Pass
T3	547.5 - 541.25	Diagonal	1	37	2.728	22.614	12.1	Pass
T4	541.25 - 535	Diagonal	1	49	3.513	22.614	15.5	Pass
T5	535 - 510	Diagonal	1	65	5.873	22.614	26.0	Pass
T6	510 - 485	Diagonal	1 1/4	101	10.772	35.334	30.5	Pass
T7	485 - 460	Diagonal	1	167	10.473	22.614	46.3	Pass
T8	460 - 435	Diagonal	3/4	206	6.673	12.720	52.5	Pass
T9	435 - 410	Diagonal	5/8	245	3.007	8.834	34.0	Pass
T10	410 - 385	Diagonal	5/8	258	4.840	8.834	54.8	Pass
T11	385 - 360	Diagonal	3/4	297	7.878	12.720	61.9	Pass
T12	360 - 335	Diagonal	1	336	10.934	22.614	48.3	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T13	335 - 310	Diagonal	1 1/4	373	13.814	35.334	39.1	Pass
T14	310 - 285	Diagonal	1	439	14.064	22.614	62.2	Pass
T15	285 - 260	Diagonal	3/4	478	10.161	12.720	79.9	Pass
T16	260 - 235	Diagonal	5/8	517	7.057	8.834	79.9	Pass
T17	235 - 210	Diagonal	5/8	529	3.311	8.834	37.5	Pass
T18	210 - 185	Diagonal	7/8	568	11.512	17.314	66.5	Pass
T19	185 - 160	Diagonal	1	607	16.907	22.614	74.8	Pass
T20	160 - 135	Diagonal	1 1/4	673	16.694	35.334	47.2	Pass
T21	135 - 110	Diagonal	1	716	8.716	22.614	38.5	Pass
T22	110 - 85	Diagonal	7/8	756	5.791	17.314	33.4	Pass
T23	85 - 60	Diagonal	7/8	794	3.045	17.314	17.6	Pass
T24	60 - 35	Diagonal	7/8	803	5.139	17.314	29.7	Pass
T25	35 - 10	Diagonal	7/8	845	7.454	17.314	43.1	Pass
T26	10 - 0	Diagonal	L3x3 1/2x5/16	882	-2.719	26.824	10.1	Pass
T2	553.75 - 547.5	Horizontal	2L2 1/2x2 1/2x1/4x3/8	19	-0.805	45.860	1.8 2.0 (b)	Pass
T5	535 - 510	Horizontal	2L2 1/2x2 1/2x1/4x3/8	67	-4.332	34.310	12.6	Pass
T6	510 - 485	Horizontal	2L2 1/2x2 1/2x1/4x3/8	107	11.408	56.318	20.3 30.7 (b)	Pass
T7	485 - 460	Horizontal	2L2 1/2x2 1/2x1/4x3/8	163	-8.035	34.455	23.3	Pass
T8	460 - 435	Horizontal	2L2x2x3/16x3/8	202	-5.113	16.234	31.5	Pass
T9	435 - 410	Horizontal	2L2x2x3/16x3/8	241	-2.247	16.234	13.8	Pass
T10	410 - 385	Horizontal	2L2x2x3/16x3/8	263	-3.569	16.234	22.0	Pass
T11	385 - 360	Horizontal	2L2x2x1/4x3/8	302	-6.043	20.982	28.8	Pass
T12	360 - 335	Horizontal	2L2 1/2x2 1/2x1/4x3/8	341	-8.443	34.527	24.5	Pass
T13	335 - 310	Horizontal	2L2 1/2x2 1/2x1/4x3/8	398	-9.939	34.670	28.7 36.2 (b)	Pass
T14	310 - 285	Horizontal	2L2 1/2x2 1/2x1/4x3/8	436	-10.950	34.599	31.6	Pass
T15	285 - 260	Horizontal	2L2x2 1/2x3/16x3/8	475	-7.941	17.730	44.8	Pass
T16	260 - 235	Horizontal	2L2x2 1/2x3/16x3/8	514	-5.358	17.730	30.2	Pass
T17	235 - 210	Horizontal	2L2x2 1/2x3/16x3/8	544	-2.221	13.301	16.7	Pass
T18	210 - 185	Horizontal	2L2x2 1/2x3/16x3/8	574	-7.215	17.798	40.5	Pass
T19	185 - 160	Horizontal	2L2 1/2x2 1/2x1/4x3/8	613	-13.221	34.670	38.1	Pass
T20	160 - 135	Horizontal	2L2 1/2x2 1/2x1/4x3/8	672	14.249	56.318	25.3 38.3 (b)	Pass
T21	135 - 110	Horizontal	2L2 1/2x2 1/2x1/4x3/8	711	-6.697	34.670	19.3	Pass
T22	110 - 85	Horizontal	2L2x2x1/4x3/8	750	-4.379	21.141	20.7	Pass
T23	85 - 60	Horizontal	2L2x2x3/16x3/8	778	-3.044	12.270	24.8	Pass
T24	60 - 35	Horizontal	2L2x2x3/16x3/8	809	-3.130	12.270	25.5	Pass
T25	35 - 10	Horizontal	2L2x2x3/16x3/8	850	-5.393	16.356	33.0	Pass
T26	10 - 0	Horizontal	L3x5x1/2	880	-3.836	60.477	6.3	Pass
T1	560 - 553.75	Top Girt	C6x8.2	4	-0.255	46.232	0.6 0.8 (b)	Pass
T3	547.5 - 541.25	Top Girt	2L2 1/2x2 1/2x1/4x3/8	34	-1.088	34.527	3.2	Pass
T4	541.25 - 535	Top Girt	2L2 1/2x2 1/2x1/4x3/8	46	-2.459	34.527	7.1	Pass
T5	535 - 510	Top Girt	2L2 1/2x2 1/2x1/4x3/8	58	-2.971	34.527	8.6	Pass
T6	510 - 485	Top Girt	2L2 1/2x2 1/2x1/4x3/8	99	-5.065	34.527	14.7	Pass
T7	485 - 460	Top Girt	2L2 1/2x2 1/2x1/4x3/8	136	-8.248	34.886	23.6	Pass
T8	460 - 435	Top Girt	2L2x2x3/16x3/8	175	-5.781	16.543	34.9	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T9	435 - 410	Top Girt	2L2x2x3/16x3/8	214	-2.935	16.234	18.1	Pass
T10	410 - 385	Top Girt	2L2x2x3/16x3/8	254	-1.791	16.234	11.0	Pass
T11	385 - 360	Top Girt	2L2x2x3/16x3/8	293	-4.287	16.234	26.4	Pass
T12	360 - 335	Top Girt	2L2 1/2x2 1/2x1/4x3/8	332	-6.760	34.310	19.7	Pass
T13	335 - 310	Top Girt	2L2 1/2x2 1/2x1/4x3/8	371	-9.085	34.742	26.1	Pass
T14	310 - 285	Top Girt	2L2 1/2x2 1/2x1/4x3/8	409	-10.773	35.100	30.7	Pass
T15	285 - 260	Top Girt	2L2x2 1/2x3/16x3/8	448	-8.653	17.798	48.6	Pass
T16	260 - 235	Top Girt	2L2x2 1/2x3/16x3/8	487	-6.064	17.730	34.2	Pass
T17	235 - 210	Top Girt	2L2x2 1/2x3/16x3/8	528	-1.871	17.730	10.6	Pass
T18	210 - 185	Top Girt	2L2x2 1/2x3/16x3/8	565	-3.318	17.730	18.7	Pass
T19	185 - 160	Top Girt	2L2 1/2x2 1/2x1/4x3/8	604	-10.209	34.599	29.5	Pass
T20	160 - 135	Top Girt	2L2 1/2x2 1/2x1/4x3/8	643	-12.984	34.886	37.2	Pass
T21	135 - 110	Top Girt	2L2 1/2x2 1/2x1/4x3/8	684	-7.374	35.171	21.0	Pass
T22	110 - 85	Top Girt	2L2x2x1/4x3/8	723	-4.944	21.384	23.1	Pass
T23	85 - 60	Top Girt	2L2x2x3/16x3/8	762	-2.655	16.543	16.0	Pass
T24	60 - 35	Top Girt	2L2x2x3/16x3/8	799	-2.325	16.543	14.1	Pass
T25	35 - 10	Top Girt	2L2x2x3/16x3/8	838	-4.365	16.543	26.4	Pass
T25	35 - 10	Bottom Girt	2L4x3x1/2	842	49.329	140.400	35.1	Pass
T1	560 - 553.75	Inner Bracing	L3x3x1/4	14	-0.004	24.780	0.2	Pass
T2	553.75 - 547.5	Inner Bracing	L3x3x1/4	28	-0.004	24.780	0.2	Pass
T26	10 - 0	Inner Bracing	L3x3x5/16	889	-0.254	27.258	0.9	Pass
T6	510 - 485	Guy A@491.25	1 3/4	897	82.821	188.000	44.1	Pass
T13	335 - 310	Guy A@316.25	1 1/2	903	67.088	138.000	48.6	Pass
T20	160 - 135	Guy A@153.75	1 1/4	909	48.256	96.000	50.3	Pass
T6	510 - 485	Guy B@491.25	1 3/4	896	81.853	188.000	43.5	Pass
T13	335 - 310	Guy B@316.25	1 1/2	902	66.271	138.000	48.0	Pass
T20	160 - 135	Guy B@153.75	1 1/4	908	47.356	96.000	49.3	Pass
T6	510 - 485	Guy C@491.25	1 3/4	892	84.344	188.000	44.9	Pass
T13	335 - 310	Guy C@316.25	1 1/2	898	68.313	138.000	49.5	Pass
T20	160 - 135	Guy C@153.75	1 1/4	904	48.993	96.000	51.0	Pass
T6	510 - 485	Top Guy Pull-Off@491.25	L2 1/2x2 1/2x1/4	894	5.704	34.263	16.6	Pass
T13	335 - 310	Top Guy Pull-Off@316.25	L2 1/2x2 1/2x1/4	899	6.728	34.263	19.6	Pass
T20	160 - 135	Top Guy Pull-Off@153.75	L2 1/2x2 1/2x1/4	907	7.125	34.263	20.8	Pass

Summary

Leg (T26)	39.2	Pass
Diagonal (T16)	79.9	Pass
Horizontal (T15)	44.8	Pass
Top Girt (T15)	48.6	Pass
Bottom Girt (T25)	35.1	Pass
Inner Bracing (T26)	0.9	Pass
Guy A (T20)	50.3	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
						Guy B (T20)	49.3	Pass
						Guy C (T20)	51.0	Pass
						Top Guy Pull-Off (T20)	20.8	Pass
						Bolt Checks	59.2	Pass
						RATING =	79.9	Pass

Table 6 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Base Foundation Soil Interaction	Base	34.5	Pass
3	Guy Anchor Foundation	Base	50.3	Pass

Structure Rating (max from all components) =	79.9%

Notes:
1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.
2) Capacities up to 100% are considered acceptable based on analysis methods used.
3) Foundation capacity determined by comparing analysis reactions to original design reactions from Stainless Inc., Report # 3290, Dated 9/11/1986

4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the existing, reserved, and proposed loads. No modifications are required at this time.

TAB 5

CROWN CASTLE

3530 Toringdon Way
Suite 300
Charlotte, NC 28277

Tel: 704-405-6523
Fax: 724-416-6153

November 20, 2013

RE: Crown Castle Letter of Authorization (LOA)

Crown Castle, does hereby authorize **AT&T Mobility ("AT&T")** and its authorized contractors/agents to act as "Applicant" in the processing of all applications, permits, research and other related activities associated with the processing, planning, design review, permitting, entitlement and construction of additional equipment, antennas and site improvements for the Crown Castle existing wireless communications facility described as follows:

Customer Site Name:	Avon Deercliff	**Crown Castle Site ID Number:**	870800
Site Address:	376 Deercliff Road Avon, CT 06001	**Crown Castle Site Name:**	Avon (Deercliff Rd.)

This authorization is fully contingent upon **AT&T's** authorized contractors/agents' compliance with the following conditions:

1. Crown Castle must review the application prior to submittal. Crown Castle must be provided all applications, narratives, drawings and attachments at least 72 hours in advance of their submittal to the locality. Use of email and electronic attachments is encouraged. A Crown Castle Zoning Subject Matter Expert (SME) will review and provide written comment to the customer within 48 hours of receipt of a complete set of application materials. If Crown Castle indicates that changes are required, submissions shall be altered in accordance with Crown Castle comments prior to submission to the locality. Verification of corrections should also be accomplished via emails and attachments.
2. In no event may **AT&T** encourage, suggest, participate in, or permit the imposition of any restrictions or additional obligations whatsoever on the tower site or Crown Castle's current or future use or ability to license space at the tower site as part of or in exchange for obtaining any approval, permit, exception or variance.
3. A copy of the final permit and/or a written summary of the zoning/entitlement decision rendered by the locality and any/all conditions placed on that decision shall be communicated in detail to Crown Castle well within the appeal period provided by the locality (typically 10-15 days).
4. All conditions of approval pertinent to the construction of the proposed project must be included in the construction drawings for the project. The conditions of approval pertinent to the construction of the project shall be copied verbatim from the zoning permit approval language, and shall be present in the drawings prior to submission for building permits and contractor bidding. Crown Castle shall verify the inclusion of appropriate conditions of approval in the construction drawing redline process.
5. Crown Castle will provide a Notice To Proceed (NTP) to construction to the customer upon receipt of the final approved zoning permit and the approved Building Permit.

By Crown Castle:

Signature: Sarah Brown

Printed Name: Sarah Brown

Title: Real Estate Specialist

Date: November 20, 2013

TAB 6

Power Density Calculations

Applicant:	New Cingular Wireless PCS, LLC ("AT&T")
Site ID:	S3106
Site Type:	557' Lattice Guide Tower
Address:	376 Deercliff Road, Avon CT 06001
Date:	December 20, 2013

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1. Existing Power Density [1]

Carrier	# Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
Marcus	1	100	134	0.0020	5.8GHz	1.0000	0.20%
Marcus	1	100	131	0.0021	5.8GHz	1.0000	0.21%
Light Squared	1	1629	557	0.0019	1672.5	1.0000	0.19%
Pocket (now MetroPCS)	3	631	214	0.0149	2130	1.0000	1.49%
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
T-Mobile GSM	8	94	242	0.0046	1945	1.0000	0.46%
T-Mobile UMTS	2	530	242	0.0065	2100	1.0000	0.65%
Arch Communications	n/a	n/a	251	0.0200	929	0.6193	3.22%
Hartford Data Dispatch	n/a	n/a	200	0.0112	220	0.2000	5.62%
Hartford Data Dispatch	n/a	n/a	200	0.0022	221	0.2000	1.12%
Pagemart	n/a	n/a	315	0.0380	929	0.6193	6.14%
Pagenet	n/a	n/a	513	0.0253	929	0.6193	4.08%
Preferred Network	n/a	n/a	190	0.0162	157	0.2000	8.11%
Roamer One	n/a	n/a	191	0.0010	220	0.2000	0.49%
Roamer One	n/a	n/a	191	0.0025	221	0.2000	1.23%
Nationwide	n/a	n/a	251	0.0057	929	0.6193	0.92%
WHCT TV (Ch 18)	n/a	n/a	580	0.1344	470	0.3133	42.89%
Nextel	9	100	260	0.0048	851	0.5673	0.84%
						TOTAL	**77.96%**

2. Proposed AT&T Power Density [2]

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
AT&T UMTS	2	500	200	0.0100	800 Band	0.05867	1.70%
AT&T UMTS	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	700 Band	0.4667	1.07%
AT&T LTE	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	2300 Band	1.0000	0.5%
						TOTAL	**4.27%**

[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.

3. Cumulative Power Density Calculation Results

Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)	Frequency MHz	Limit	%MPE
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
Marcus	1	100	134	0.0020	5.8GHz	1.0000	0.20%
Marcus	1	100	131	0.0021	5.8GHz	1.0000	0.21%
Light Squared	1	1629	557	0.0019	1672.5	1.0000	0.19%
Pocket (now MetroPCS)	3	631	214	0.0149	2130	1.0000	1.49%
Marcus	1	100	280	0.0005	5.8GHz	1.0000	0.05%
T-Mobile GSM	8	94	242	0.0046	1945	1.0000	0.46%
T-Mobile UMTS	2	530	242	0.0065	2100	1.0000	0.65%
Arch Communications	n/a	n/a	251	0.0200	929	0.6193	3.22%
Hartford Data Dispatch	n/a	n/a	200	0.0112	220	0.2000	5.62%
Hartford Data Dispatch	n/a	n/a	200	0.0022	221	0.2000	1.12%
Pagemart	n/a	n/a	315	0.0380	929	0.6193	6.14%
Pagenet	n/a	n/a	513	0.0253	929	0.6193	4.08%
Preferred Network	n/a	n/a	190	0.0162	157	0.2000	8.11%
Roamer One	n/a	n/a	191	0.0010	220	0.2000	0.49%
Roamer One	n/a	n/a	191	0.0025	221	0.2000	1.23%
Nationwide	n/a	n/a	251	0.0057	929	0.6193	0.92%
WHCT TV (Ch 18)	n/a	n/a	580	0.1344	470	0.3133	42.89%
Nextel	9	100	260	0.0048	851	0.5673	0.84%
AT&T UMTS	2	500	200	0.0100	800 Band	0.05867	1.70%
AT&T UMTS	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	700 Band	0.4667	1.07%
AT&T LTE	1	500	200	0.0050	1900 Band	1.0000	0.5%
AT&T LTE	1	500	200	0.0050	2300 Band	1.0000	0.5%
						TOTAL	**82.23%**

4. **Conclusion:**

The addition of AT&T's antennas on the existing tower will result in the cumulative maximum permissible exposure (MPE) level of 82.23%. 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 below the FCC's mandated radio frequency exposure limits.

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

December 29, 2014

Christopher B. Fisher, Esq.
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, NY 10601

RE: EM-CING-128-130828 - 530 Brushy Hill Road, Simsbury
TS-AT&T-164-131114 - 599 Matianuck Avenue, Windsor
TS-AT&T-004-131223 - 376 Deercliff Road, Avon
TS-AT&T-069-131216 - 1249 Hartford Pike, East Killingly
TS-AT&T-101-131108 - 50 Devine Street, North Haven
TS-AT&T-143-131227 - 137 Wright Road, Torrington

Dear Attorney Fisher:

The Connecticut Siting Council (Council) is in receipt of your letter dated December 24, 2014, submitted on behalf of AT&T/New Cingular Wireless PCS, LLC, requesting an extension of time to submit a notice of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications and tower share requests.

The Council hereby grants a 1-year extension of time until December 31, 2015, to submit a notice of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications.

This extension is granted with the understanding that the Council will be notified should AT&T/New Cingular Wireless PCS, LLC need additional time beyond 1-year to submit a notice of completion of construction and associated post modification inspection reports or decide not to proceed with construction.

Thank you for your attention to these matters.

Sincerely,

Melanie A. Bachman
Acting Executive Director

MAB/cm

CUDDY & FEDER LLP

445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
Tel 914.761.1300 Fax 914.761.5372
www.cuddyfeder.com

December 24, 2014

RECEIVED
DEC 26 2014
CONNECTICUT
SITING COUNCIL

VIA EMAIL & FIRST CLASS MAIL
Melanie Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

ORIGINAL

Re: New Cingular Wireless PCS, LLC (AT&T)
Exempt Modification/Tower Share Conditions
Notifications of Completion & Extension Requests

Dear Executive Director Bachman:

We are writing once again behalf of our client, New Cingular Wireless PCS, LLC ("AT&T") with respect to the above referenced matter and the Siting Council's requests for written notification of completion of construction and/or written notice of compliance with site specific conditions for various exempt modification filings made by AT&T and its vendors. Specifically, this letter addresses those items related to the year 2013 which the Council has received prior correspondence individually addressing various sites approved in different quarters of calendar year 2013. For purposes of efficiency this letter addresses the latest status of all sites (Quarters 1-3) as the attachment to your letter dated November 3, 2014 ("November List") included a listing of sites from Quarters 1-3.

Quarter 1, 2013

Since the date of our October 31st letter, we are advised that AT&T and its vendors have filed directly with the council close out letters for the following additional sites:

EM-AT&T-067-131230	107 Buck Road	Hebron
EM-CING-045-130103	2 Scott Road	East Lyme
EM-CING-057-130802	Old Greenwich Sta.	Old Greenwich
EM-CING-058-121031	131 Bishop Crossing	Griswold
EM-CING-137-121031	86 Voluntown Road	Pawcatuck
EM-CING-114-121114	5 Hinckley Hill Rd.	Preston

Quarter 2, 2013

Since the date of our October 31st letter, our information reflects that AT&T and its vendors have filed directly with the council a close out letter for the following additional site:

EM-CING-106-131114 1363 Boston Post Road Old Saybrook

Additionally, we are advised by AT&T that construction has been deferred on (3) Q2 sites:

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TS-AT&T-004-131223 376 Deercliff Road Avon
TS-AT&T-069-131216 1249 Hartford Pike East Killingly
EM-CING-128-130828 530 Brushy Hill Road Simsbury.

On AT&T and their vendor's behalf, we respectfully request a one-year extension of time to December 31, 2015 for these three sites to be completed in accordance with the prior Exempt Modification Acknowledgement letters.

Quarter 3, 2013

As for the Quarter 3 sites listed we are writing to confirm your receipt of correspondence from AT&T's vendors for six (6) of the Q3 sites on the list you provided, as follows:

1.	EM-CING-135-130703	652 Glenbrook Rd	Stamford
2.	EM-CING-152-130201	126 Old Colchester Rd	Waterford
3.	EM-CING-166-130711	347 East Street	Wolcott
4.	EM-CING-100-130322	38 Lower Rd	North Canaan
5.	EM-CING-084-130305	111 Schoolhouse Rd	Milford
6.	EM-CING-031-130116	Mowhawk Mtn. Rd	Cornwall

Additionally, we are advised by AT&T that construction has been deferred on (3) Q3 sites:

TS-AT&T-101-131108 50 Devine Street North Haven
TS-AT&T-143-131227 137 Wright Rd Torrington
TS-AT&T-164-131114 599 Matianuck Avenue Windsor.

On AT&T and their vendor's behalf, we respectfully request a one-year extension of time to December 31, 2015 for these sites to be completed in accordance with the prior Exempt Modification Acknowledgement letters.

Process Moving Forward – Confirmation of Extensions

We are advised that other than the above noted deferrals AT&T's vendors are coordinating receipt of documentation from tower companies to certify compliance with conditions (i.e. P.E. certifications, etc.) for Q1, Q2 and Q3 sites. As per our recent telephone discussion, however, it appears that the Council's records do not reflect receipt of completion correspondence for sites which AT&T's vendors have a record of submitting. AT&T will revisit its records and coordinate submission of any outstanding completion correspondence with the Council.

CUDDY & FEDER LLP

Other than the deferred sites noted above, and to the extent an extension is required for any outstanding sites as per the Council's records, we respectfully request an extension to March 1, 2015 for all sites on the November list (2013 Q1, Q2, Q3) to submit notices of completion.

Thank you for your continued consideration in this matter.

Very truly yours,

Daniel M. Laub

Daniel M. Laub

cc: Michele Briggs, AT&T
Christopher B. Fisher, Esq.

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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December 29, 2015

Daniel M. Laub, Esq.
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, NY 10601

RE: **EM-CING-069-130123; EM-AT&T-060-130321; EM-CING-069-130130**
EM-CING-088-130109; TS-AT&T-004-131223; TS-AT&T-069-131216
EM-CING-128-130828; EM-CING-135-130910; EM-CING-156-130531
EM-CING-086-130712; TS-AT&T-101-131108; EM-CING-158-130703
EM-CING-073-130207; TS-AT&T-143-131227; EM-CING-103-130703
EM-CING-143-130122; EM-CING-104-130819; EM-CING-158-130326
TS-AT&T-164-131114; EM-CING-074-130322; EM-CING-003-130214
EM-CING-015-130531; EM-AT&T-089-131230; EM-AT&T-051-130408
EM-AT&T-118-131030

Dear Attorney Laub:

The Connecticut Siting Council (Council) is in receipt of your letter dated December 24, 2015, submitted on behalf of New Cingular Wireless PCS, LLC (AT&T), requesting an extension of time to submit notices of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications.

The Council previously granted six extension of time to submit notices of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications on June 30, 2014; September 2, 2014; November 4, 2014; November 20, 2014; December 29, 2014; and February 24, 2015.

Therefore, the Council hereby denies an extension of time to submit notices of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications that were approved in 2013.

Any modifications to these facilities will require explicit notice to the Council pursuant to Regulations of Connecticut State Agencies Section 16-50j-73 and a filing fee.

Thank you for your attention to this matter.

Sincerely,

Melanie A. Bachman
Acting Executive Director

MAB/cm

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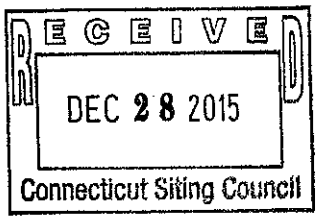
December 24, 2015



VIA EMAIL & FEDEX
Melanie Bachman, Esq.
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

ORIGINAL

Re: New Cingular Wireless PCS, LLC (AT&T)
Exempt Modification/Tower Share Conditions
Notifications of Completion & Extension Requests

Dear Executive Director Bachman:

We are writing on behalf of our client, New Cingular Wireless PCS, LLC ("AT&T") with respect to the above referenced matter and the Siting Council's requests for written notification of completion of construction and/or written notice of compliance with site-specific conditions for various modification filings made by AT&T and its vendors. Specifically, this letter addresses those sites related to the year 2013, listed in the attached correspondence. It is our understanding that these are the only sites remaining from 2013 that need an extension.

Accordingly, on behalf of AT&T and their vendors, we respectfully request an additional extension of time to June 30, 2016 for completion of all remaining 2013 non-tower sites.

Thank you once again for your continued consideration in this matter. Should you have any questions regarding the foregoing please do not hesitate to contact me.

Very truly yours,

Daniel M. Laub

Enclosures

cc: Michele Briggs, AT&T

C&F: 2961501.1

EM/TS #	Address	Town	Council Additional Conditions	Compliance with Council Additional Conditions Received	Notice of Completion Received	Decision Date	CSC Extension Granted
EM-CING-069-130123	1375 North Road	Dayville	Yes	No	No	3/8/2013	12/31/15
EM-AT&T-060-130321	370 Rockland Road	Guilford	Yes	No	No	4/5/2013	12/31/15
EM-CING-069-130130	246 East Franklin Street	Danielson	Yes	No	No	4/15/2013	12/31/15
EM-CING-088-130109	103 Eastside Boulevard	Naugatuck	N/A	N/A	No	4/15/2013	12/31/15
TS-AT&T-004-131223	376 Deercliff Road	Avon	N/A	N/A	No	6/28/2013	12/31/15
TS-AT&T-069-131216	1249 Hartford Pike	East Killingly	N/A	N/A	No	6/28/2013	12/31/15
EM-CING-128-130828	530 Brushy Hill Road	Simsbury	N/A	N/A	No	6/28/2013	12/31/15
EM-CING-135-130910	366 Old Long Ridge Road	Stamford	Yes	No	No	6/28/2013	12/31/15
EM-CING-156-130531	1 Burwell Road	West Haven	N/A	N/A	No	6/28/2013	12/31/15
EM-CING-086-130712	334 Route 85	Montville	Yes	No	No	7/12/2013	12/31/15
TS-AT&T-101-131108	50 Devine Street	North Haven	N/A	N/A	No	7/22/2013	12/31/15
EM-CING-158-130703	515 Post Road East	Westport	N/A	N/A	No	7/22/2013	12/31/15
EM-CING-073-130207	20 Mell Road	Lisbon	Yes	No	No	7/26/2013	12/31/15
TS-AT&T-143-131227	137 Wright Road	Torrington	Yes	No	No	7/26/2013	12/31/15
EM-CING-103-130703	177 West Rocks Road	Norwalk	N/A	N/A	No	8/8/2013	12/31/15
EM-CING-143-130122	1210 Highland Avenue	Torrington	Yes	No	No	8/16/2013	12/31/15
EM-CING-104-130819	39 Maennerchor Avenue	Norwich	Yes	No	No	8/23/2013	12/31/15
EM-CING-158-130326	880 Post Road East	Westport	Yes	No	No	9/13/2013	
TS-AT&T-164-131114	599 Matianuck Avenue	Windsor	N/A	N/A	No	9/27/2013	12/31/15
EM-CING-074-130322	438 BANTAM ROAD	LITCHFIELD	Yes	No	No	11/29/2013	
EM-CING-003-130214	353 Pumpkin Hill Road	Ashford	Yes	No	No	12/13/2013	
EM-CING-015-130531	1320 Chopsey Hill Road	Bridgeport	N/A	N/A	No	12/13/2013	
EM-AT&T-089-131230	One Hartford Square	New Britain	N/A	N/A	No	12/20/2013	
EM-AT&T-051-130408	280 Morehouse Drive	Fairfield	Yes	No	No	12/27/2013	
EM-AT&T-118-131030	845 Ethan Allen Highway	RIDGEFIELD	N/A	N/A	No	12/27/2013	