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

Internet: ct.gov/csc

Daniel F. Caruso
Chairman

February 3, 2009

Steven L. Levine
Real Estate Consultant
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: **EM-CING-060-090108** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 500 Cooks Lane, Guilford, Connecticut.

Dear Mr. Levine:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated January 8, 2009 including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also 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.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include 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. 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.

Thank you for your attention and cooperation.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Carl A. Balestracci, Jr., First Selectman, Town of Guilford
Regina Reid, Zoning Enforcement Officer, Town of Guilford
Menunketuck Communications

EM-CING-060-090108

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ORIGINAL

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

HAND DELIVERED

RECEIVED
JAN - 8 2009
CONNECTICUT
SITING COUNCIL

January 8, 2009

Honorable Daniel F. Caruso, Chairman,
and Members of the Connecticut Siting Council
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing tele-communications facility located at 500 Cooks Lane, Guilford (owner, Menunketuck Communications)

Dear Chairman Caruso and Members of the Council:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

UMTS technology offers services to mobile computer and phone users anywhere in the world. Based on the Global System for Mobile (GSM) communication standard, UMTS is the planned worldwide standard for mobile users. UMTS, fully implemented, gives computer and phone users high-speed access to the Internet as they travel. They have the same capabilities even when they roam, through both terrestrial wireless and satellite transmissions.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in AT&T's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall

squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The height of the overall structure will be unaffected.

2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.

3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.

4. Radio frequency power density may increase due to use of one or more GSM channel for UMTS transmissions. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, New Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,

Steven L. Levine
Real Estate Consultant

Attachments

NEW CINGULAR WIRELESS
Equipment Modification

500 Cooks Lane, Guilford
Site Number 2018
Exempt Modifications approved 7/92 and 9/02

Tower Owner/Manager: Menunketuck Communications

Equipment Configuration: Self Supporting Lattice Tower

Current and/or Approved: Nine CSS DUO-1417-8686 panel antennas @ 153 ft AGL
Six TMA's and three diplexers @ 153 ft
Nine runs 1 5/8 inch coax cable
Equipment Shelter

Planned Modifications: Remove all existing antennas, TMA's, and diplexers
Install six Powerwave 7770 antennas (or equivalent) @ 153 ft
Install six TMA's and six diplexers @ 153 ft
Install three additional lines 1 5/8 inch coax

Power Density:

Worst-case calculations for existing wireless operations at the site indicate a radio frequency electromagnetic radiation power density, measured at ground level beside the tower, of approximately 14.7 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density following proposed modifications would be approximately 13.3 % of the standard.

Existing

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							7.60
AT&T TDMA *	152.5	880 - 894	16	100	0.0247	0.5867	4.22
AT&T GSM *	152.5	1900 Band	2	427	0.0132	1.0000	1.32
AT&T GSM *	152.5	880 - 894	2	296	0.0092	0.5867	1.56
Total							14.7%

* Per CSC records

Proposed

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							7.60
AT&T UMTS	153	880 - 894	1	500	0.0077	0.5867	1.31
AT&T GSM	153	1900 Band	2	427	0.0131	1.0000	1.31
AT&T GSM	153	880 - 894	4	296	0.0182	0.5867	3.10
Total							13.3%

* Per CSC records

Structural information:

The attached structural analysis demonstrates that the tower has adequate structural capacity to accommodate the proposed modifications. (GPD Associates, 1/7/09)

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New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

January 8, 2009

Honorable Carl A. Balestracci, Jr.
1st Selectman, Town of Guilford
Town Hall 31 Park Street
Guilford, CT 06437

Re: Telecommunications Facility – 500 Cooks Lane

Dear Mr. Balestracci:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review AT&T's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes AT&T's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine
Real Estate Consultant

Enclosure

Derek Creaser
Hudson Design Group, LLC
600 Osgood Street, Building 20 North, Suite 2-101
North Andover, MA 01845
(617) 306-3034

GPD ASSOCIATES
Jeff Noss
520 South Main St., Suite 2531
Akron, Ohio 44311
(216) 927-8667
jnoss@gpdgroup.com

GPD# 2008147.28
January 7, 2009

STRUCTURAL ANALYSIS REPORT

HDG DESIGNATION:	**Site Number:**	**CT 2018**
AT&T DESIGNATION:	Site USID:	61161
	Site FA:	10035062
	Site Name:	GUILFORD NORTH
ANALYSIS CRITERIA:	**Codes:**	**TIA/EIA-222-F & 2003 IBC** **85-mph with 0" ice** **74-mph with 1/2" ice**
SITE DATA:		**500 Cooks Lane, Guilford, CT 06437, New Haven County** **Latitude 41° 25' 7.464" N, Longitude 72° 42' 42.084" W** **180' Rohn Self Support Tower**

Mr. Creaser,

GPD is pleased to submit this Structural Analysis Report to determine the structural integrity of the aforementioned tower. The purpose of the analysis is to determine the suitability of the tower with addition of the following proposed loading configuration:

Elev. 153' (6) Powerwave 7770.00 Antennas on (3) existing 12' Boom Gates w/ (3) Additional 1-5/8" coax (total of (12) 1-5/8" lines).
(6) Powerwave LGP 17201 Tower Mounted Amplifiers mounted behind antennas on the same mount.
(6) Powerwave 21901 Diplexer's mounted behind the antennas on the same mount.

Based on our analysis we have determined the design of the **tower is sufficient** for the proposed, existing, and reserved loadings as referenced in Appendix A. However, the foundation could not be verified based on the information provided.

We at GPD appreciate the opportunity of providing our continuing professional services to you and AT&T. If you have any questions please do not hesitate to call.

Respectfully submitted,

STATE OF CONNECTICUT
DAVID B. GRANGER, P.E.
NO. 17557
LICENSED
PROFESSIONAL ENGINEER

David B. Granger, P.E.
Connecticut #: 17557

SUMMARY & RESULTS

The purpose of this analysis was to verify whether the existing structure is capable of carrying the proposed loading configuration as specified by AT&T to Hudson Design Group. This report was commissioned by Mr. Derek Creaser of Hudson Design Group.

No foundation information was available for this report. Therefore, the capacity of the existing foundation could not be verified. A foundation investigation and geotechnical report are required to verify the capacity of the existing foundation.

TOWER SUMMARY AND RESULTS

Member	Capacity	Results
Legs	61.8%	Pass
Leg Bolts	35.3%	Pass
Diagonals	71.0%	Pass
Redundant Diagonals	80.6%	Pass
Horizontals	57.8%	Pass
Redundant Horizontals	26.4%	Pass
Anchor Bolts	61.8%	Pass
Foundation	N/A	Not Verified

ANALYSIS METHOD

RISA Tower (Version 5.3.0.1), a commercially available software program, was used to create a three-dimensional model of the tower and calculate primary member stresses for various dead, live, wind, and ice load cases. Selected output from the analysis is included in Appendix B. The following table details the information provided to complete this structural analysis. This analysis is solely based on this information and being provided without the benefit of a site visit.

DOCUMENTS PROVIDED

Document	Remarks	Source
Previous Structural Analysis	o2 Wireless Solutions, Inc. Job#: 103-3637-03, dated 9/3/02	D. Creaser
AT&T RF Data Sheet	Dated 10/28/08	D. Creaser

ASSUMPTIONS

This structural analysis is based on the theoretical capacity of the members and is not a condition assessment of the monopole. This analysis is from information supplied, and therefore, its results are based on and are as accurate as that supplied data. GPD has made no independent determination, nor is it required to, of its accuracy. The following assumptions were made for this structural analysis.

1. The tower member sizes and shape are considered accurate as supplied. The material grade is as per data supplied and/or as assumed and as stated in the materials section.
2. The antenna configuration is as supplied and/or as modeled in the analysis. It is assumed to be complete and accurate. All antennas, mounts, coax and waveguides are assumed to be properly installed and supported as per manufacturer requirements
3. Some assumptions are made regarding antennas and mount sizes and their projected areas based on best interpretation of data supplied and of best knowledge of antenna type and industry practice.
4. All mounts, if applicable, are considered adequate to support the loading. No actual analysis of the mount(s) is performed. This analysis is limited to analyzing the tower only.
5. The soil parameters are as per data supplied or as assumed and stated in the calculations. If no data is available, the foundation system is not verified.
6. The tower and structures have been properly maintained in accordance with TIA Standards and/or with manufacturer's specifications.
7. All welds and connections are assumed to develop at least the member capacity, unless determined otherwise and explicitly stated in this report.
8. All tower mounted amplifiers are assumed to be mounted behind the antennas.
9. All existing loading was taken from a previous structural analysis by o2 Wireless Solutions, Inc. Job#: 103-3637-03, dated 9/3/02, and proposed loading was obtained from the supplied RF configuration data sheet.
10. The locations of the coax are assumed from photos to be stacked and to be located on two faces. If the coax layout differs in the field, contact the engineer immediately. See Appendix C for the coax layout.
11. The proposed coax shall be placed on tower face "A" in a 3 on 9 configuration with the existing feedlines in order for the analysis results to be valid. See Appendix C for coax layout.

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and GPD Associates should be allowed to review any new information to determine its effect on the structural integrity of the tower.

DISCLAIMER OF WARRANTIES

GPD ASSOCIATES has not performed a site visit to the tower to verify the member sizes or antenna/coax loading. If the existing conditions are not as represented on the tower elevation contained in this report, we should be contacted immediately to evaluate the significance of the discrepancy. This is not a condition assessment of the tower or foundation. This report does not replace a full tower inspection. The tower and foundations are assumed to have been properly fabricated, erected, maintained, in good condition, twist free, and plumb.

The engineering services rendered by GPD ASSOCIATES in connection with this Structural Analysis are limited to a computer analysis of the tower structure and theoretical capacity of its main structural members. All tower components have been assumed to only resist dead loads when no other loads are applied. No allowance was made for any damaged, bent, missing, loose, or rusted members (above and below ground). No allowance was made for loose bolts or cracked welds.

GPD ASSOCIATES does not analyze the fabrication of the structure (including welding). It is not possible to have all the very detailed information needed to perform a thorough analysis of every structural sub-component and connection of an existing tower. GPD ASSOCIATES provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc. The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure.

It is the owner's responsibility to determine the amount of ice accumulation, if any, that should be considered in the structural analysis.

The attached sketches are a schematic representation of the analyzed tower. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions, proper fit, and clearance in the field. Any mentions of structural modifications are reasonable estimates and should not be used as a precise construction document. Precise modification drawings are obtainable from GPD ASSOCIATES, but are beyond the scope of this report.

Miscellaneous items such as antenna mounts, etc., have not been designed or detailed as a part of our work. We recommend that material of adequate size and strength be purchased from a reputable tower manufacturer.

GPD ASSOCIATES makes no warranties, expressed and/or implied, in connection with this report and disclaims any liability arising from material, fabrication, and erection of this tower. GPD ASSOCIATES will not be responsible whatsoever for, or on account of, consequential or incidental damages sustained by any person, firm, or organization as a result of any data or conclusions contained in this report. The maximum liability of GPD ASSOCIATES pursuant to this report will be limited to the total fee received for preparation of this report.

Tower Analysis Summary Form

General Info

Site Name	GUILFORD NORTH
Site USID Number	61161
Site FA	10035062
Date of Analysis	1/7/2009
Company Performing Analysis	GPD

The information contained in this summary report is not to be used independently from the PE stamped tower analysis.

Tower Info	Description	Date
Tower Type (G, SST, MP)	SST	
Tower Height (top of steel AGL)	180	
Tower Manufacturer	Rohn	
Tower Model	n/a	
Manufacturer Drawings	n/a	
Foundation Design	n/a	
Geotech Report	n/a	
Tower Mapping	n/a	
Previous Structural Analysis	o2 Wireless #: 103-3637-03	9/3/2002

Design Parameters

Design Code Used	TIA/EIA-222-F
Location of Tower (County, State)	New Haven County, Connecticut
Basic Wind Speed (mph)	85-fastest
Ice Thickness (in)	0.5"
Structure Classification (I, II, III)	
Exposure Category (B, C, D)	
Topographic Category (1 to 5)	

Analysis Results (% Maximum Usage)

Existing & Future Condition	
Tower	82.6%
Foundation	n/a
Guy Wire	n/a

Note: Foundation capacity could not be verified.

Proposed Condition	
Tower	80.6%
Foundation	n/a
Guy Wire	n/a

Note: Foundation capacity could not be verified.

Steel Yield Strength (ksi)

Legs	50
Pipe steel	50
Other steel	36
Bolts	A325

Existing/Reserved

Antenna							Mount				Transmission Line		
Antenna Owner	Attachment Height (ft)	Quantity	Type	Model	EPA (ft²) each	Azimuth	Quantity	Type	Model	EPA (ft²) total	Quantity	Size	Attachment Leg/Face
Unknown	180	1	Omni	6' Omni	0.60			Saddle Clamps			1	7/8"	Face B
Unknown	180	4	Omni	8' Omni	0.13			Saddle Clamps			2	7/8"	Face B
											2	7/8"	Face C
Unknown	180	1	Omni	4' Andrew PD1DOF-0093-606	0.60			Saddle Clamps			1	7/8"	Face B
Unknown	180	1	Omni	15' Antel BCD87077	3.06			Saddle Clamps			2	7/8"	Face B
Unknown	180	1	Omni	15' Antel BCD87010	2.98			Saddle Clamps			1	1-1/4"	Face C
Unknown	180	1	Omni	15' Omni	3.75			Saddle Clamps			1	7/8"	Face C
Unknown	178	1	FM	Scala 2 Bay FM	8.76			Saddle Clamps			1	7/8"	Face B
Unknown	175.33	1	Dish	8' Dish Andrew PL8-107F-1	50.27		1	3' Angle		1.18	1	EW52	Face C
Unknown	166.67	1	Dish	6' Dish Andrew UHX6-59J-8	28.27	330	1	Pipe		Shielded	1	EW52	Face C
Unknown	163	1	Omni	Decibel DB809DK-Y	3.39		1	3' Standoff		3.41	2	7/8"	Face B
AT&T	153	9	Panel	DUO1417-8686-4-0 C	7.35		3	6' x 12' Boom Gate		57.45	9	1-5/8"	Face C
AT&T	153	9	TMA	TMA	Shielded			on same mount					
Unknown	139.5	1	Omni	10' Omni	2.00		1	3' Standoff		3.41	1	7/8"	Face B
Unknown	139	1	Omni	20' Omni	4.00		1	15" Standoff		1.36	1	7/8"	Face B
Unknown	136.5	1	Omni	10' Omni	2.00		1	3' Standoff		3.41	1	7/8"	Face C
Unknown	134.5	1	Dish	6' Dish MHP-60A72L	28.27	128	1	Pipe		Shielded	1	EW90	Face C
Unknown	132	1	Dish	8' Comsat P-8A72GN-1	22.60	260	1	Pipe		Shielded	1	7/8"	Face C
Unknown	126.67	1	Dish	6' Dish	28.27	265	1	Pipe		Shielded	1	EW65	Face B
								Ice Shield @ 133		8.15			
Unknown	126	1	Dish	6' Dish	28.27	84	1	Pipe		Shielded	1	EW65	Face B
Unknown	117	1	Dish	6' Andrew 47264-1	12.57	40	1	Pipe		Shielded	1	7/8"	Face B

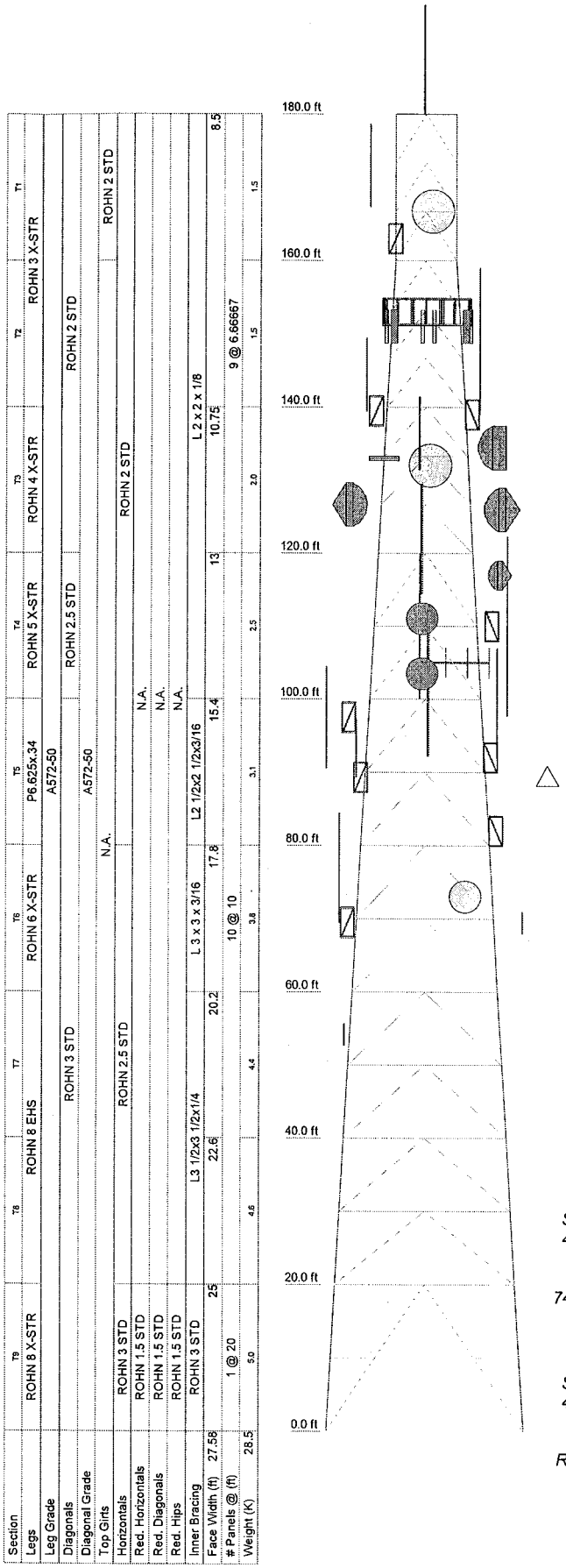
Unknown	114.5	1	Omni	15' Omni	3.75		1	2' Standoff		1.36	1	1-1/4"	Face C
Unknown	111	1	Grid	Kathrein 3' x 6'	17.01	265	1	Pipe		Shielded	1	7/8"	Face B
Unknown	110	2	Omni	10' Scala OTG9-6069 (1 Inverted)	2.00		1	6' Standoff		4.97	2	1-5/8"	Face B
Unknown	110	2	Omni	12' Decibel DB809T3 (1 Inverted)	2.53		1	6' Standoff		4.97	2	1-5/8"	Face B
Unknown	105	2	Omni	12' 2 Element Yagi	4.80		1	Pipe		4.75	1	1-5/8"	Face C
Unknown	103.5	1	Grid	Kathrein 3' x 6'	17.01	255		same mount as 111			1	7/8"	Face B
Unknown	97.5	2	Omni	10' Scala 65151-002	2.00		1	6' Standoff		4.97	2	1-5/8"	Face B
Unknown	92	1	Omni	15' Omni	3.75		1	2' Standoff		1.36	1	1-5/8"	Face B
Unknown	89.33	1	Omni	8' Omni	0.13		1	15" Standoff		1.36	1	7/8"	Face C
Unknown	85.83	1	Omni	10' Antel BCD87707	3.06		1	12" Standoff		1.36	1	7/8"	Face C
Unknown	82	2	Omni	3' Yagi	0.52		1	2' Standoff		1.36	2	1/2"	Face B
Unknown	73	1	Grid	Kathrein 3' x 6'	17.01	145	1	Pipe		Shielded	1	1/2"	Face B
Unknown	69.5	1	Omni	15' Omni	3.75		1	4' Standoff		3.41	1	7/8"	Face C
Unknown	69.5	2	Omni	3' Yagi	0.52			same mount			1	7/8"	Face C
Unknown	52.67	1	Omni	3' Maxrad MFB 4400	0.52		1	Pipe		Shielded	1	7/8"	Face C

Note: All existing antennas and all TMA's at 153' shall be removed prior to the installation of the proposed equipment.

Proposed

Antenna							Mount				Transmission Line		
Antenna Owner	Attachment Height (ft)	Quantity	Type	Model	EPA (ft²) each	Azimuth	Quantity	Type	Model	EPA (ft²) total	Quantity	Size	Attachment Leg/Face
AT&T	153	6	Panel	Powerwave 7770.00	5.88	147, 269, 30		Existing mounts			3	1-5/8"	Face C
AT&T	153	6	TMA	Powerwave LGP 17201	shielded	147, 269, 30							
AT&T	153	6	Diplexer	Powerwave 21901	shielded	147, 269, 30							

Revision:1.2
Date: 12/15/06



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
6' Whip	180	Nudd 8' Ice Shield	133
2" dia 8' Whip	180	P-9A72GN-S	132
2" dia 8' Whip	180	6' Dish w/ Radome	126.67
4' Omni / Whip	180	6' Dish w/ Radome	126
2" dia 8' Whip	180	Andrew 4' w/Radome	117
BCD87077	180	2.5" x 15' Omni	114.5
2" dia 8' Whip	180	2' Standoff	114.5
BCD87010	180	PR-TV	111
2.5" x 15' Omni	180	DB809T3-Y	110
G5CPM (2 Bays)	178	Pirod 6' Side Mount Standoff (1)	110
3'-L3"x3"x1/4"	175.33	2" x 10' Omni	110
UHX6-59J	166.67	2" x 10' Omni	110
4' Standoff	163	Pirod 6' Side Mount Standoff (1)	110
DB809DK-Y	163	DB809T3-Y	110
Rohn 6'x12' Boom Gate (1)	153	(4) 12' Yagi Antenna	105
Rohn 6'x12' Boom Gate (1)	153	20'x2" Pipe Mount	105 - 99.58
(2) 7770.00	153	PR-TV	103.5
(2) 7770.00	153	Pirod 6' Side Mount Standoff (1)	97.5
(2) 7770.00	153	2" x 10' Omni	97.5
(2) LGP 17201	153	2" x 10' Omni	97.5
(2) LGP 17201	153	2' Standoff	92
(2) LGP 17201	153	2.5" x 15' Omni	92
(2) LGP21901	153	2' Standoff	89.33
(2) LGP21901	153	2" dia 8' Whip	89.33
(2) LGP21901	153	BCD87077	85.83
Rohn 6'x12' Boom Gate (1)	153	2' Standoff	82
2" x 10' Omni	139.5	3' Yagi	82
4' Standoff	139.5	3' Yagi	82
2" dia 20' Whip	139	PR-TV	73
2' Standoff	139	(2) 3' Yagi	69.5
2" x 10' Omni	136.5	15' Omni	69.5
4' Standoff	136.5	4' Standoff	69.5
MHP-60A72L	134.5	3' Omni	52.67

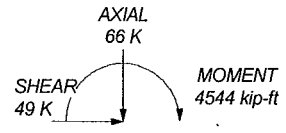
MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi			

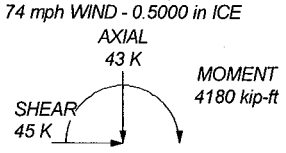
TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for a 85 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 74 mph basic wind with 0.50 in ice.
4. Deflections are based upon a 50 mph wind.
5. TOWER RATING: 80.6%

MAX. CORNER REACTIONS AT BASE:
DOWN: 212 K
UPLIFT: -158 K
SHEAR: 29 K



TORQUE 56 kip-ft
74 mph WIND - 0.5000 in ICE



TORQUE 50 kip-ft
REACTIONS - 85 mph WIND

GPD GROUP
GPD Associates
520 South Main Street, Suite 2531
Akron, Ohio 44311
Phone: 330.572.2100
FAX: 330.572.3702

Job: *61161 GUILFORD NORTH*			
Project: *2008147.28*			
Client: AT&T	Drawn by: jnoss	App'd:	
Code: TIA/EIA-222-F	Date: 01/07/09	Scale: NTS	
Path: G:\Tefecom\2008147\28\RISA\61161.eri		Dwg No. E-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

Internet: ct.gov/csc

Daniel F. Caruso
Chairman

January 14, 2009

The Honorable Carl A. Balestracci, Jr.
First Selectman
Town of Guilford
Town Hall
31 Park Street
Guilford, CT 06437

RE: **EM-CING-060-090108** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 500 Cooks Lane, Guilford, Connecticut.

Dear Mr. Balestracci:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by January 28, 2009.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Regina Reid, Zoning Enforcement Officer, Town of Guilford