CONNECTICUT SITING COUNCIL

PETITION OF NEW CINGULAR WIRELESS PCS, LLC ("AT&T") TO THE CONNECTICUT SITING COUNCIL FOR A DECLARATORY RULING THAT NO CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED IS REQUIRED TO INSTALL A STEALTH ROOFTOP WIRELESS TELECOMMUNICATIONS TOWER ON THE EXISTING BUILDING LOCATED AT 79 PARK AVENUE, DANBURY, CONNECTICUT	PETITION NO. 1101 MAY 19, 2014

NEW CINGULAR WIRELESS, PCS LLC (AT&T) RESPONSES TO CONNECTICUT SITING COUNCIL INTERROGATORIES

Q1. Did AT&T, or the owner/manager of the apartment building, notify the residents of the building on which the stealth tower would be located? If not, can AT&T, or the owner/manager of the apartment building, notify the residents of this building?

A1. *This building is in a condominium form of ownership and AT&T has been advised by David Karat, Premier Property Management (and agent for the landlord) that unit owners who are residents of the building have been notified/informed about the proposed AT&T facility on the rooftop of this building which was approved by the Condominium Board of Directors as part of the leasing process. Attached as Exhibit 1 is a Board resolution related to the lease with AT&T.*

Q2. Please provide a structural evaluation with a signed, Professional Engineer's seal on it.

A2. *Annexed in Exhibit 2.*

Q3. Please provide a calculation of the RF power density levels at the penthouse apartments on the 79 Park Avenue building.

A3. *The power density analysis completed for the 79 Park Avenue penthouse apartments and rooftop shows that the maximum %MPE calculated to occur at the penthouse apartments is less than 10% of the General Population/Uncontrolled limit, as defined by the FCC in OET Bulletin 65 Edition 97-01. The low power density levels are due to the directional nature of AT&T's planned antenna design for the proposed facility, and the fact that the antennas are pointed away from the penthouse apartments.*

Q4. How long could the backup generator operate before needing to be refueled?

A4. *The backup generator can run for up to 3 or 4 days before being refueled.*

Q5. What protection would the backup generator have against fuel spills?

A5. *The Generac generator uses a double steel walled tank along with a bladder. It also has a two (2) gallon reservoir that has an alarm.*

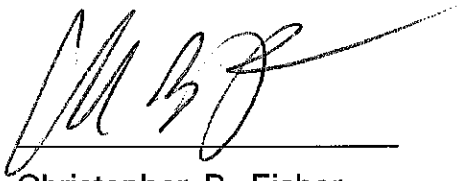
Q6. Could AT&T achieve the coverage objectives of the facility proposed for 79 Park Avenue from the city-owned property located between Brushy Hill Road and Tarrywile Lake Road (Parcel ID # 1160460000), on which a water tank is currently located?

A6. *No. RF analysis of the city-owned water tank located off of Tarrywile Lake Road (Parcel ID # 1160460000) shows the site would not be a suitable alternative to the proposed 79 Park Avenue facility. The combined effects of the low height of the water tank, terrain blocking to the west, and relative distance to the targeted coverage objective (approximately 1 mile), effectively prevents the site from providing the needed coverage for Park Avenue, W Wooster St and the adjacent neighborhoods where reliable services are proposed to be provided.*

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight mail to the Connecticut Siting Council.

Dated: May 19, 2014



Christopher B. Fisher

CORPORATE RESOLUTION
OF
SUMMIT PARK WEST CONDOMINIUM ASSOCIATION, INC.

The undersigned, being all of the, directors of Summit Park West Condominium Association, Inc., a Connecticut Corporation ("The Association") hereby consent to the following actions with the same force and effect as if approved by unanimous vote at a duly constituted special meeting of the board members and direct that this document be delivered to the Corporation for inclusion in the minutes, or filing with the records, of the Corporation.

RESOLVED: The Association is hereby authorized, to enter into a Structure Lease Agreement with NEW CINGULAR WIRELESS PCS, LLC attached hereto.

RESOLVED: All Board Members agree Claudia Lavoie, President and David Lamp, Vice President are authorized and directed in the name and on behalf of the Association to execute and deliver the Structure Lease Agreement and all other documents and to take all such action as may be necessary or appropriate to carry out the foregoing resolution and their execution to be conclusive of the due authorization.

Signed this 28TH day of March, 2014 At DANBURY, Connecticut

~~Claudia Lavoie~~ Raymond Filosomo
~~President~~ member

David Lamp
Vice President

Dewberry

Dewberry Engineers Inc.
600 Parsippany Road, Suite 301
Parsippany, NJ 07054-3715
973.739.9400
973.428.8509 fax
www.dewberry.com

April 24, 2014

Tim Burks
AT&T Mobility
500 Enterprise Dr. Suite 3A
Rocky Hill, CT 06067

RE: Structural Evaluation for Proposed Stealth Tower
Site Name: CT2315B - Danbury Summit Park West Apartments
Site Address: 79 Park Ave., Danbury, CT 06810
Dewberry Job Number: 50061016

Dear Mr. Burks:

Pursuant to your request, Dewberry Engineers Inc. has evaluated the structural impact of the installation of proposed Stealth Penthouse on the top of an existing staircase at the existing facility located at the above referenced address by AT&T Mobility. The existing structure is a wood built stair tower. Dewberry Engineers Inc. has reviewed the following documents in preparing this evaluation:

- Preliminary Submission prepared by Dewberry Engineers, Inc. dated 4/13/14

AT&T proposes that the following compliment of equipment is to be installed at the site:

- 10'-3"x13'-3"x14'-3" tall stealth tower with 12 antennas, 18 RRHs, and 9 surge arrestors total located inside the proposed stealth tower

These proposed antennas are to be at a centerline elevation of approximately 47'-6"' above ground level.

The stealth tower will increase the shear and vertical loading on the existing structure. Using the assumption that the original building was built to standard code practices, the existing structure has the capacity to support the added structure on the existing stair tower.

Lateral transfer from the stair projection to the lower roof diaphragm must be reinforced due to the increased lateral force induced by the new stealth enclosure.

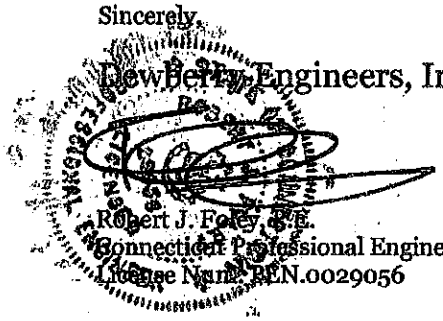
We have attached supporting calculations for your use.

Dewberry Engineers Inc. reserves the right to add to or modify this evaluation if more information becomes available. The conclusions reached by Dewberry Engineers Inc. in this report are only applicable to the previously mentioned existing structural elements supporting the proposed AT&T Mobility wireless telecommunications installation. Any deviation of the support condition, loading, location, placement, equipment configuration, etc., will require Dewberry Engineers Inc. to generate an additional structural evaluation. Further, no structural qualification is made or implied by this report of any existing structural elements not directly supporting the proposed installation and construction described herein.

If you have any questions regarding this matter, please contact me at our Parsippany, NJ office at (973) 739-9400.

Sincerely,

Dewberry Engineers, Inc.



Robert J. Foley, P.E.
Connecticut Professional Engineer
License Number: PEN.0029056

Dewberry	Project: Danbury Summit Park West Apartments				Job No.: 50061016	
	Section: Addition of new stealth enclosure on existing stair tower				Sheet no./rev.: 1	
	Calc. by: CLP	Date: 4/22/2014	Chk'd by: NEB	Date: 4/23/2014	App'd by: MJM	Date: 4/23/2014

Check weight to resist uplift from new structure

Roof Structure

2x8 @ 16' oc	1.6 psf
½" plywood (estimate)	1.5 psf
Roofing (min)	1.7 psf
	4.8 psf x (10.5x14.3) = 720.72 lbs
	Area of roof
	Load to each corner 720.72lbs / 4 = 180.18lbs

Wall Structure

2x4 @ 16' oc	1 psf
5/8" wall board	2.5 psf
½" Gyp board (2 layers)	4 psf
	7.5 psf x [(10.5+14.3)(1/2)] x 9.6' height above main roof = 890 lbs

Stealth enclosure estimated weight is included in Risa as 6 psf
Dead Loading of Antennas is not used for uplift resistance because it can be removed.

Total weight resisting		
Uplift (top floor wt only)	1070.8 lbs	> 711 lbs Uplift from Risa
		OK 1.5 SF uplift

Check worst case addition of Wind loading, E/W Direction

Current wind load on diaphragm		
(5' x 68' x 20psf) + (14.3' x 60' x 20psf) + (8.5' x 10.5' x 20psf) = 25,985 lbs	/218'	119.19 lb/ft
New addition additional wind load on diaphragm		
(14.5' x 10.5' x 20 psf) = 3,045 lbs		
Total wind with the additional wind = 25,985 lb + 3045 lb = 29,030 lbs	/218'	133 lb/ft

-Both of these values are lower than the lowest value in the IBC 2009 table 2306.2.1(1) for unblocked diaphragms assuming the 40% increase allowed for wind design in IBC 2009 section 2306.2.1.

The current wind loading on the existing pop up structure of the stair tower

8.5' x 10.5' x 20 psf = 1785 lbs
8.5' x 14.3' x 20 psf = 2431 lbs / 2 sides = 1215.5 lbs / 10.5' = 115.76 lbs/ft

The new additional wind loading on the pop up structure of the stair tower

14.5' x 10.5' x 20 psf = 3045 lb
14.5' x 14.3' x 20 psf = 4147 lb + 2431lbs = 6578 lbs / 2 sides = 3289 lb / 10.5' = 313.23 lbs/ft
existing

This would require the pop up wall structure of the stair tower above the main roof to consist of a min of 3/8" Struct 1 plywood with 8d nails at 6" oc from IBC 2006 section 2306.3 w/ the 40% increase stated in section 2306.3. This requirement is less than what is typical construction so it is ok.