

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 23, 2009

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

RE: **EM-CING-018-091112** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 2 Huckleberry Hill Road, Brookfield, 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 November 12, 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.

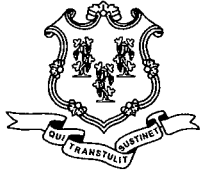
Thank you for your attention and cooperation.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Bill Davidson, First Selectman, Town of Brookfield
Heather Paton, Land Use Office, Town of Brookfield
Clare Ann Walsh, Land Use Enforcement Officer, Town of Brookfield



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

November 20, 2009

The Honorable Robert G. Silvaggi
First Selectman
Town of Brookfield
Brookfield Municipal Center
Pocono Road
P. O. Box 5106
Brookfield, CT 06804-5106

RE: **EM-CING-018-091112** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 2 Huckleberry Hill Road, Brookfield, Connecticut.

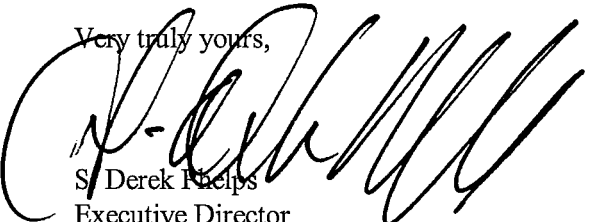
Dear First Selectman Silvaggi:

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 December 4, 2009.

Thank you for your cooperation and consideration.

Very truly yours,


S Derek Phelps
Executive Director

SDP/jbw

Enclosure: Notice of Intent

c: Heather Paton, Land Use Office, Town of Brookfield
Clare Ann Walsh, Land Use Enforcement Officer, Town of Brookfield

EM-CING-018-091112



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

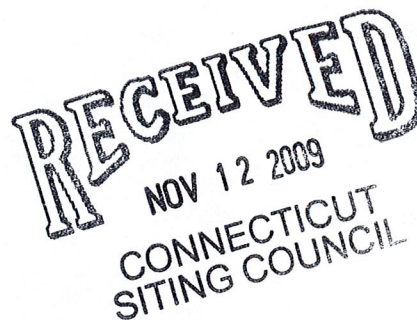
ORIGINAL

Steven L. Levine
Real Estate Consultant

HAND DELIVERED

November 12, 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 2 Huckleberry Hill Road, Brookfield (owner, AT&T Wireless)

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 PCS, LLC
Equipment Modification**

2 Huckleberry Hill Road, Brookfield
Site Number 5075
Petition 616; Exempt Mod. 9/08

Tower Owner/Manager: AT&T Wireless

Equipment configuration: Flagpole

Current and/or approved: Flagpole (RF-transparent radome) with
28-inch diameter radome to accommodate Powerwave
antennas & associated equipment
Six Powerwave 7770 antennas (3 @ 57 ft and 3 @ 51 ft)
Six TMA's (3 @ 57 ft and 3 @ 51 ft)
Six diplexers (3 @ 57 ft and 3 @ 51 ft)
Twelve runs 7/8 inch coax
Concrete pad with three outdoor cabinets

Planned Modifications: Install additional 3 x 4 ft concrete pad
Install one additional outdoor cabinet on new pad

Power Density:

Calculations for AT&T's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 48.8 % of the standard adopted by the FCC. No change is proposed.

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 *							0.00
AT&T GSM	57	1900 Band	4	427	0.1890	1.0000	18.90
AT&T GSM	57	880 - 894	2	296	0.0655	0.5867	11.17
AT&T UMIS	51	880 - 894	1	500	0.0691	0.5867	11.78
AT&T UMIS	51	1900 Band	1	500	0.0691	1.0000	6.91
Total							48.8%

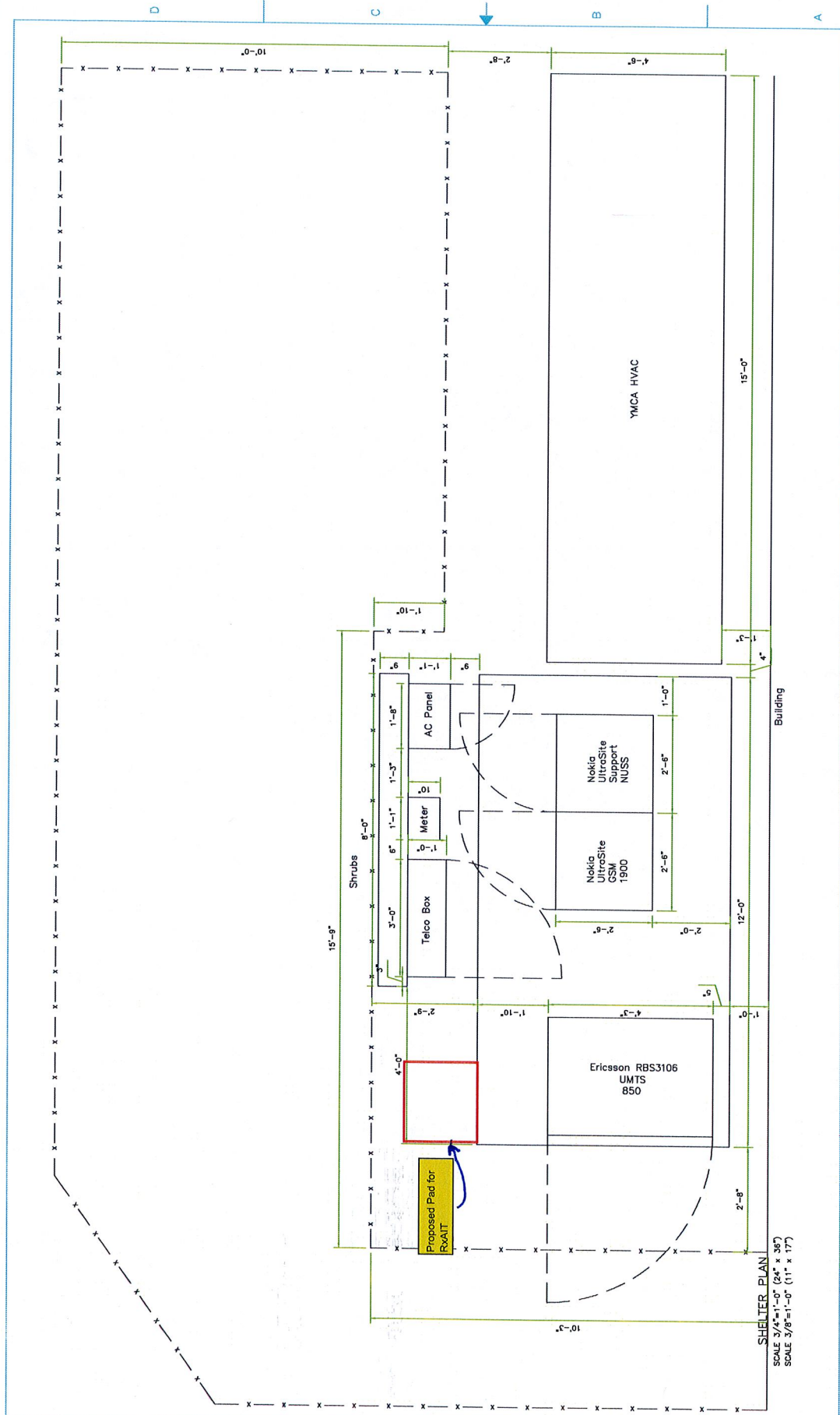
* Per CSC records.

Proposed

No change is proposed to approved transmissions.

Structural information:

No modification to equipment on the tower is proposed.



				SITE NUMBER: 5075 SITE NAME: BROOKFIELD WEST 2 HUCKLEBERRY HILL ROAD BROOKFIELD CT 06804				MBI Consultants 107 Craftman Loop Morehead, NC, 28115 www.mbi-consultants.com		AT&T Mobility EQUIPMENT ARRANGEMENT DRAWING NUMBER: CTS075-2009-09-08 SHEET NUMBER: 24 x 36" SIZE 1	
NO.	DATE	DESIGNED BY:	CHKD BY:	REVISIONS	BY:	CHKD BY:	DATE	NO.	DATE	DESIGNED BY:	CHKD BY:
		CJM	DKK		DKK	DKK				CJM	DKK
SCALE: 3/8"=1'-0" (84" x 36") SCALE: 3/8"=1'-0" (11' x 17")											



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

November 12, 2009

Honorable Robert G. Silvaggi
1st Selectman, Town of Brookfield
Brookfield Municipal Center, 100 Pocono Rd.
Brookfield, CT 06804

Re: Telecommunications Facility – 2 Huckleberry Hill Road, Brookfield

Dear Mr. Silvaggi:

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 (“Cingular”) 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 Cingular’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 Cingular’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