

# 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](mailto:siting.council@ct.gov)

Internet: [ct.gov/csc](http://ct.gov/csc)

Daniel F. Caruso  
Chairman

August 22, 2008

Steven Levine  
New Cingular Wireless PCS, LLC  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

RE: **EM-CING-043-080805** – New Cingular Wireless PCS, LLC notice of intent to install a temporary cellular telecommunications facility at 656 Silver Lane, East Hartford, Connecticut.

Dear Mr. Levine:

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

The proposed facility is to be developed as specified here and in your notice dated August 5, 2008. The facility is in compliance with the exception criteria in Section 16-50j-72 (d) of the Regulations of Connecticut State Agencies for temporary cellular service for events of statewide significance. This temporary facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies to be used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this temporary 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/cm

c: The Honorable Melody A. Currey, Mayor, Town of East Hartford  
Michael J. Dayton, Town Planner, Town of East Hartford  
Silva Learning Center



New Cingular Wireless PCS, LLC  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7700  
Fax: (860) 513-7190

**Michele G. Briggs**  
Manager of Real Estate

EM-CING-043-080805

ORIGINAL

August 5, 2008

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

RECEIVED  
AUG - 5 2008

CONNECTICUT  
SITING COUNCIL

**Re: Notice of Exempt Modification – Existing New Cingular Wireless PCS, LLC  
Temporary Cellular Communications Site Near Rentschler Field – 2008 UCONN  
Home Football Games**

Dear Chairman Caruso:

New Cingular Wireless PCS, LLC (“Cingular”) plans to operate its existing temporary cellular communications facility at 656 Silver Lane, East Hartford for several upcoming UCONN football home games at Rentschler Field during the 2008 season. Please accept this letter as notification to the Connecticut Siting Council (“Council”), pursuant to R.C.S.A Section 16-50j-73, of activities that constitute an exempt modification under R.C.S.A Section 16-50j-72(d).

On July 15, 2004, the Council approved Cingular’s plan to construct infrastructure for this site, as well as its operation for the 2004 football season, on condition that Cingular give prior notice for additional future periods of operation. The cell site meets the criteria set forth in R.C.S.A Section 16-50j-72(d) for temporary cellular service during events of statewide significance. This site provides additional out-door and in-stand system capacity during major events at Rentschler Field.

In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the Mayor of East Hartford.

**Proposed Operation of the Temporary Cell Site**

Cingular operates under licenses issued by the Federal Communications Commission ("FCC") to provide cellular and PCS mobile telephone service in Hartford County, which includes the area to be served by Cingular's proposed temporary installation.

Cingular's temporary cell site will consist of radio equipment installed in and on a vehicle referred to as a "Cell on Wheels" ("COW") that will be parked on the Silva's Learning Center property at 656 Silver Lane. It would arrive sufficiently early on the day of an event to allow for set-up and would leave the site once the event is concluded. The only permanent features of the site are an existing support frame with power and telephone service panels, buried utility lines, and buried grounding rods. The utility service panels are secured when not in use.

The COW is 23 feet in length, 8 feet wide, and 12-½ feet in height. A telescoping mast will be extended upward from the COW to a height of approximately 58 feet above ground level ("AGL") to support whip antennas as shown on the attached site plan. Overall height is 63 feet AGL, and the antenna centerline will be approximately 61 feet AGL. Cingular plans to operate up to four GSM 880-894 MHz channels at the temporary site with a maximum power output of up to 296 Watts ERP per channel.

The COW will be parked at the southwest corner of the paved parking lot at 656 Silver Lane, which places it approximately 150 feet from the Silva's Learning Center building and 25 feet from Silver Lane. Geographic coordinates are N41-45-52 and W72-36-52 (NAD 83).

### **Power Density Calculations**

Cingular's temporary cell site will not result in a total radio frequency electromagnetic radiation power density, measured at ground level in this location, at or above State or Federal standards. The following table shows the power density at the site from the proposed temporary cell operations.

<b>Antennas</b>	<b>Centerline Height (feet)</b>	<b>Frequency (MHz)</b>	<b>Number of Channels</b>	<b>Power Per Channel (Watts)</b>	<b>Power Density<sup>†</sup> (mW/cm<sup>2</sup>)</b>	<b>Standard Limits (mW/cm<sup>2</sup>)</b>	<b>Percent of Limit</b>
Cingular GSM	61	880-894	4	296	0.1144	0.5867	19.50

<sup>†</sup> Please note that the standard power density equation provided by the Council in its memo of January 22, 2001 incorporates a ground reflection factor of 2.56 as described in FCC OET Bulletin No. 65.

A "worst-case" power density calculation shows that Cingular's temporary operations will result in a power density of less than 20 % of the ANSI/IEEE standard for uncontrolled environments. Therefore, total worst-case power density levels from temporary cellular operations at this location would be within the applicable standard limits.

## Conclusion

Pursuant to R.C.S.A. Section 16-50j-72(d), we respectfully give notice to the Council of Cingular's intent to operate its existing temporary cell site at 656 Silver Lane in East Hartford for the following events of statewide significance at Rentschler Field:

- 2008 UCONN HOME FOOTBALL GAMES (6):

### August 2008

THURSDAY, AUGUST 28, HOFSTRA

### September 2008

SATURDAY SEPTEMBER 13, VIRGINIA

SATURDAY SEPTEMBER 19, BAYLOR

### October 2008

SATURDAY OCTOBER 25, CINNCINNATI

### November 2008

SATURDAY NOVEMBER 1, WEST VIRGINIA

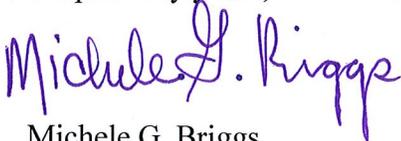
### December 2008

SATURDAY DECEMBER 6, PITTSBURGH

- Any subsequent 2008 season football playoff games that may be held at Rentschler Field in 2008 or 2009; without further notice to the Council.

Please feel free to call me at (860) 513-7700 with any questions concerning this notice. Thank you for your consideration in this matter.

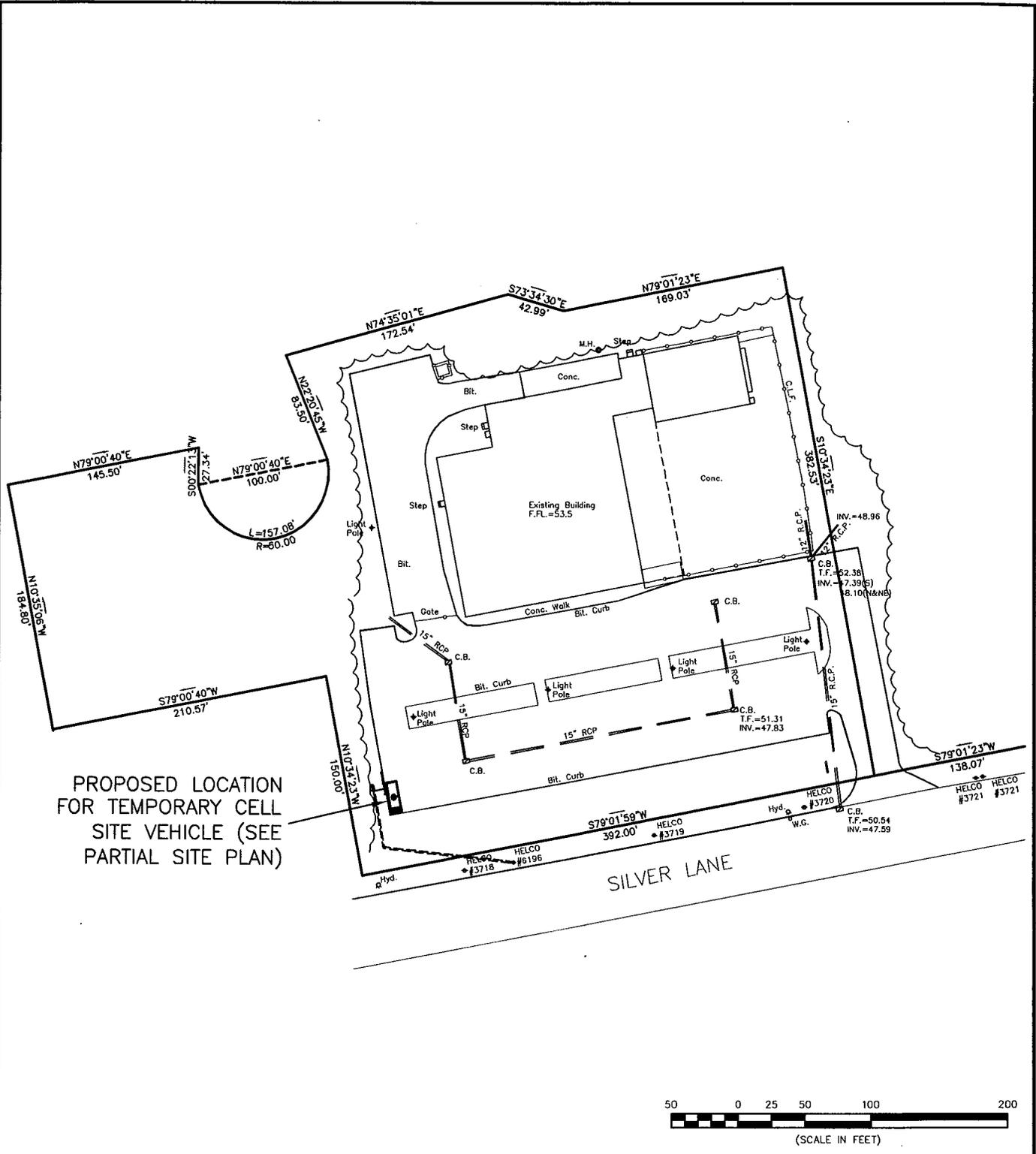
Respectfully yours,



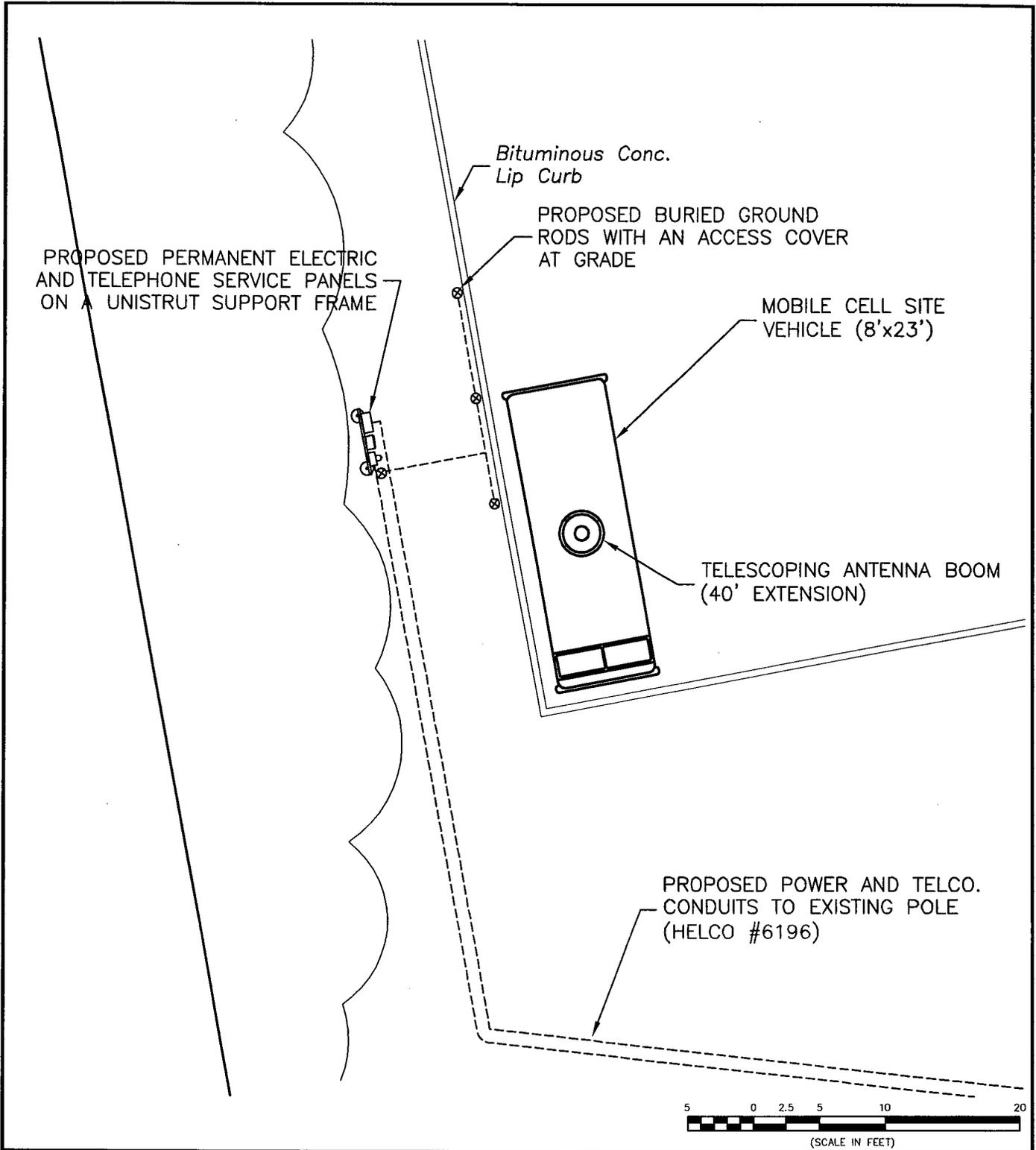
Michele G. Briggs  
Manager of Real Estate

Enclosures

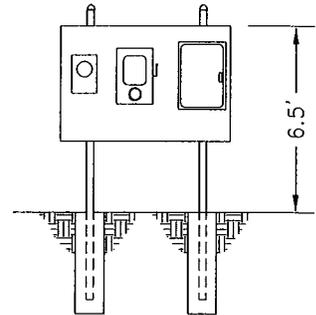
cc: Honorable Melody A. Currey, Mayor, Town of East Hartford



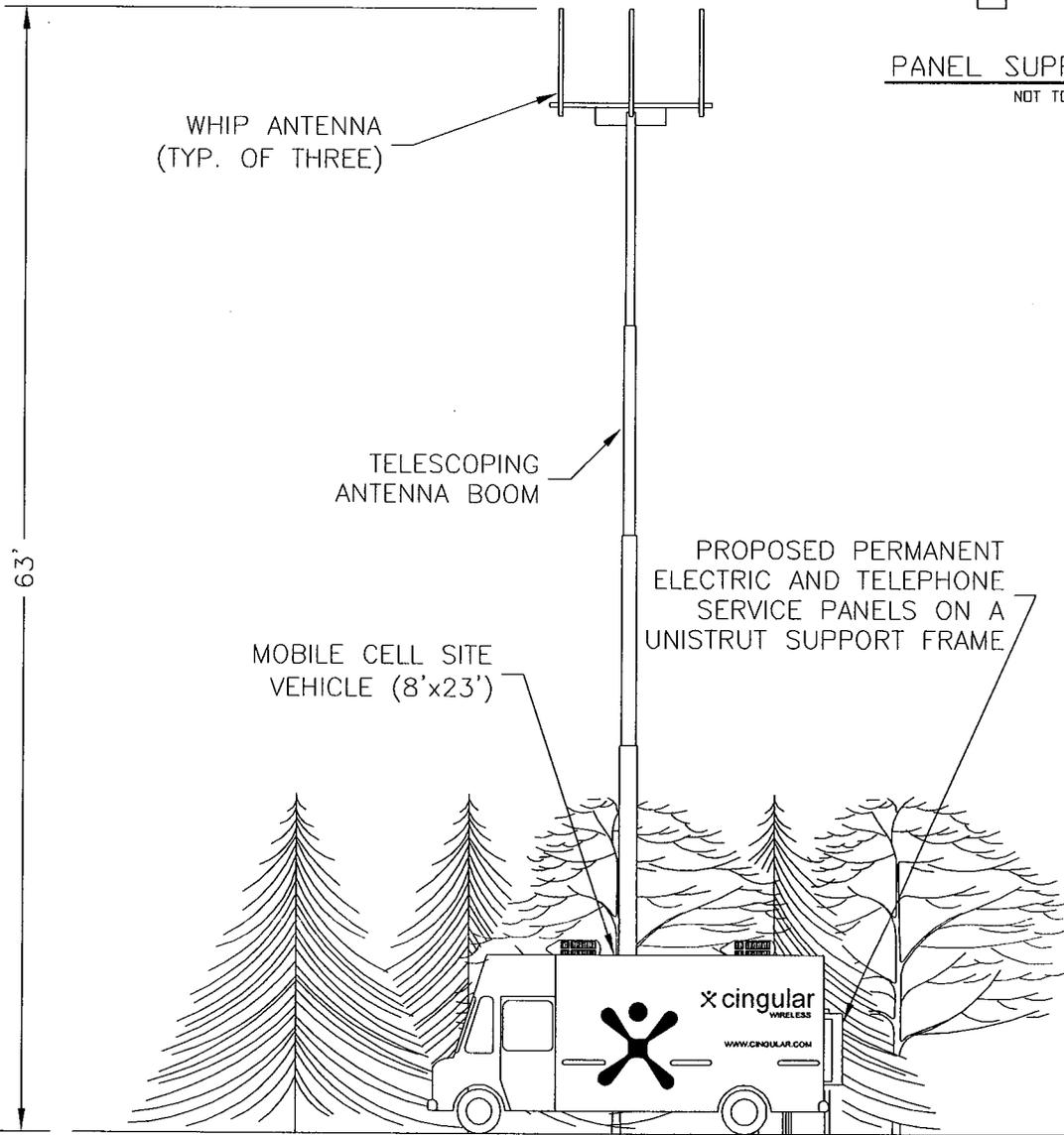
<h1>DESIGN EXHIBIT</h1>	NORTH 	SITE NAME: SILVA'S DAYCARE		MGI #: 16629	
	ADDRESS: 656 SILVER LANE EAST HARTFORD, CT		TASK #: 1270		
 <b>Maguire Group Inc.</b> Architects Engineers Planners One Court Street New Britain, Connecticut 06051		DRAWN: GMP	CHECKED: RGT	SCALE: 1" = 100'	DATE: 11/26/03
THIS DRAWING AND ALL DATA CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. NOT INTENDED FOR DESIGN OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED					



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 <b>Maguire Group Inc.</b> Architects Engineers Planners One Court Street New Britain, Connecticut 06051				



PANEL SUPPORT FRAME  
NOT TO SCALE



WHIP ANTENNA  
(TYP. OF THREE)

TELESCOPING  
ANTENNA BOOM

MOBILE CELL SITE  
VEHICLE (8'x23')

PROPOSED PERMANENT  
ELECTRIC AND TELEPHONE  
SERVICE PANELS ON A  
UNISTRUT SUPPORT FRAME

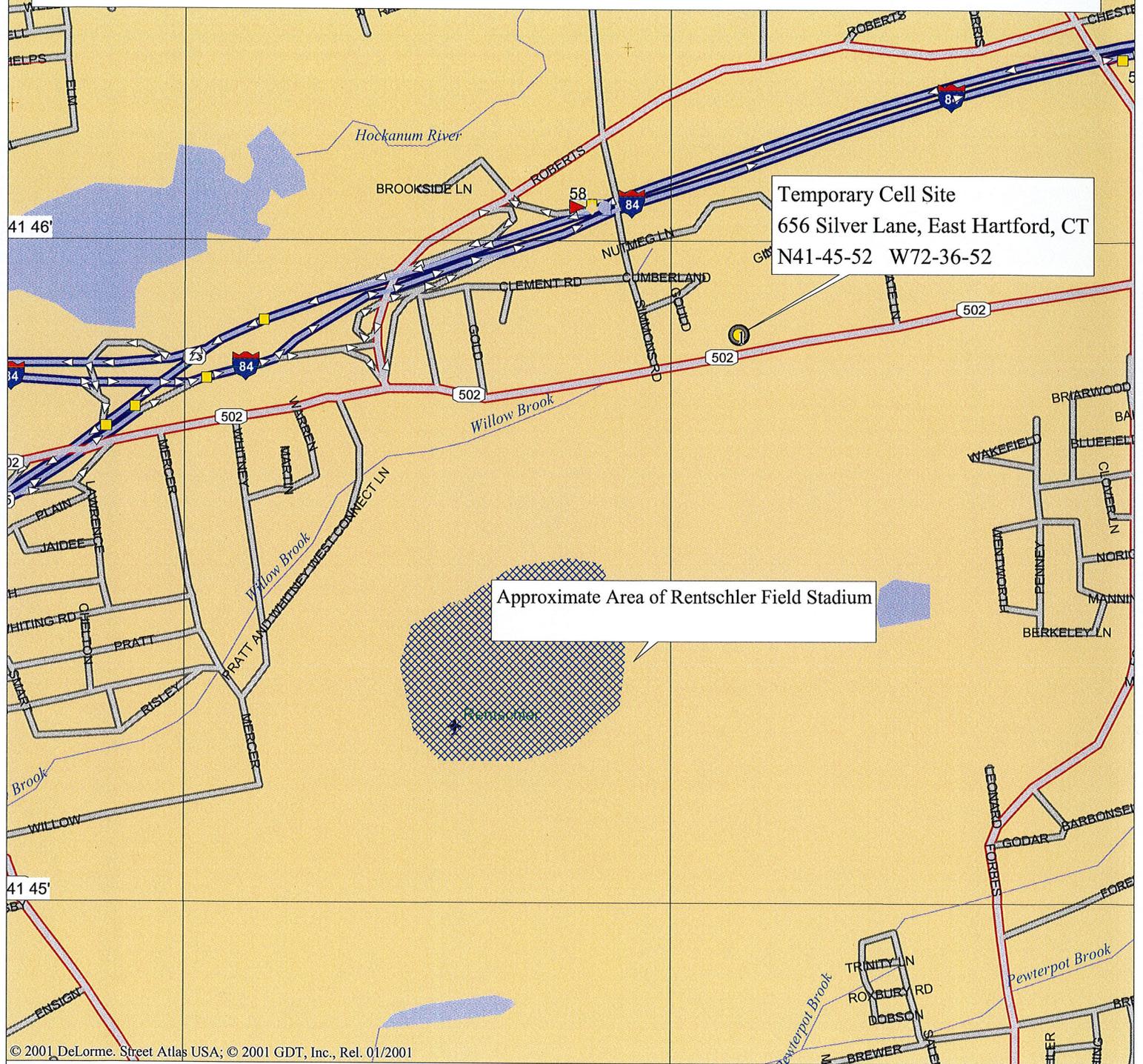
63'



(SCALE IN FEET)

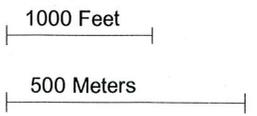
<b>DESIGN EXHIBIT</b>	NORTH	SITE NAME: SILVA'S DAYCARE		MGI #: 16629
		ADDRESS: 656 SILVER LANE EAST HARTFORD, CT		TASK #: 1270
		DRAWN: AMC	CHECKED: GMP	SCALE: 1" = 10'
		THIS DRAWING AND ALL DATA CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. NOT INTENDED FOR DESIGN OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED		
 <b>Maguire Group Inc.</b> Architects Engineers Planners One Court Street New Britain, Connecticut 06051		 <b>cingular</b> WIRELESS		DATE: 11/26/03

# Temporary Cell Site, Silver Ln, E. Hartford



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Mag 15.00  
Mon Aug 04 11:41 2008  
Scale 1:15,625 (at center)



- |  |                           |  |                     |
|--|---------------------------|--|---------------------|
|  | Local Road                |  | Exit/Food           |
|  | Major Connector           |  | Exit/Other Services |
|  | State Route               |  | Private Airport     |
|  | Interstate/Limited Access |  | Cemetery            |
|  | US Highway                |  | Population Center   |
|  | Exit                      |  | Water               |
|  | Park/Reservation          |  | River/Canal         |
|  | Exit/Lodging              |  |                     |



**New Cingular Wireless PCS, LLC**  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7700  
Fax: (860) 513-7190

**Michele G. Briggs**  
Manager of Real Estate

August 5, 2008

Honorable Melody A. Currey, Mayor  
Town of East Hartford  
Town Hall, 740 Main Street  
East Hartford, Connecticut 06108

**Re: Notice of Exempt Modification – Existing New Cingular Wireless PCS, LLC  
Temporary Cellular Communications Site Near Rentschler Field -- 2008 UCONN  
Home Football Games**

Dear Mayor Currey:

New Cingular Wireless PCS, LLC (“Cingular”) plans to operate its existing temporary cellular communications facility at 656 Silver Lane, East Hartford for several upcoming UCONN football home games at Rentschler Field during the 2008 season.

A Notice of Exempt Modification has been filed with the Connecticut Siting Council as required by Regulations of Connecticut State Agencies (“R.C.S.A.”) Section 16-50j-73. Please accept this letter as notification to the Town of East Hartford under Section 16-50j-73 of a temporary cellular operation which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(d).

The accompanying letter fully describes Cingular’s proposal. 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) 513-7700 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Michele G. Briggs  
Manager of Real Estate

Enclosure