



# 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@po.state.ct.us](mailto:siting.council@po.state.ct.us)

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

July 15, 2004

Michele G. Briggs  
Manager of Real Estate  
Southwestern Bell Mobile Systems, LLC  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

RE: **EM-CING-043-040623** – Southwestern Bell Mobile Systems, LLC notice of intent to install a temporary cellular telephone site to be located at 656 Silver Lane, East Hartford, Connecticut.

Dear Ms. Briggs:

At a public meeting held on July 13, 2004, the Connecticut Siting Council (Council) acknowledged your notice to construct a temporary telecommunications facility for use in connection with events of statewide significance at Rentschler Field in East Hartford, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies. The Council further acknowledged your plan to operate the temporary telecommunications facility in connection with University of Connecticut home football games during the 2004 football season, including any 2004 season playoff games that may be held at Rentschler Field in 2005. The utility support frame which includes electric and telephone service panels, underground utility lines, grounding rods, etc., while included in the Council's acknowledgement, will be considered a permanent installation and thus may remain in place and energized when not in actual use.

The proposed facility is to be developed as specified here and in your notice dated June 23, 2004. 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 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. Any additional change to this facility or additional operation thereof (other than for testing) for events other than those specified above 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,

  
Pamela B. Katz, P.E.  
Chairman

PBK/laf

c: Honorable Timothy D. Larson, Mayor, Town of East Hartford  
Michael J. Dayton, Town Planner, Town of East Hartford



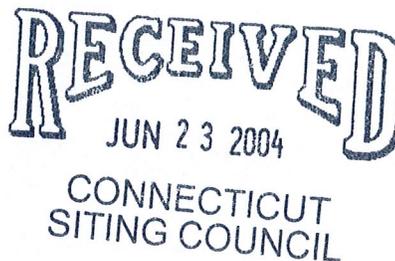
EM-CING-043-040623

Southwestern Bell Mobile Systems, LLC  
10 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7700  
Fax: (860) 513-7190

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

June 23, 2004

Ms. Pamela Katz, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051



**Re: Proposed Southwestern Bell Mobile Systems, LLC Temporary Cellular Communications Site for Events of Statewide Significance at Rentschler Field, which Site is to be Located at 656 Silver Lane, East Hartford**

Dear Chairman Katz:

Southwestern Bell Mobile Systems, LLC ("SBMS") plans to install a temporary cellular communications facility for use during events of statewide significance at Rentschler Field in East Hartford. Please accept this letter as notification to the Connecticut Siting Council ("Council"), pursuant to R.C.S.A Section 16-50j-73, of construction that constitutes an exempt modification under R.C.S.A Section 16-50j-72(d).

The temporary cell site would be situated at 656 Silver Lane, which is zoned for business use and which is the former location of Frank's Garden Center. The property is owned by Silva's Realty, LLC of East Hartford, and it is under lease to Silva's Youth of Today Learning Center, LLC ("Silva's Learning Center") for primary use as a children's daycare center. Both companies maintain offices at 656 Silver Lane. Telecommunications use of the property will be permitted by an amendment to the Silva's Realty - Silva's Learning Center lease currently under preparation. Although the anticipated telecommunications sublease between SBMS and Silva's Learning Center has not yet been signed, the parties have agreed to terms of the lease and are obtaining creditor approvals. SBMS is providing Notice to the Council at the present time, with owner consent, to improve chances that the facility will be operational in time for the UCONN football season opener at Rentschler Field on September 4.

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.

SBMS is licensed by the Federal Communications Commission ("FCC") to provide cellular telephone service in the Hartford, CT Metropolitan Statistical Areas, which include the area to be served by SBMS' proposed temporary installation. The public need for cellular service has been predetermined by the Federal Communications Commission.

The proposed temporary 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 is necessary to provide

additional out-door and in-stand system capacity during major events at Rentschler Field – primarily University of Connecticut Huskies home football games. However, SBMS also anticipates a need for the COW during other significant sports and entertainment events, for a total of approximately 15 events per year. (A separate system – to be proposed at a later date – will be needed for Cingular customers who are within the stadium’s concrete and steel structure.)

SBMS’ 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. 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 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. SBMS plans to operate two GSM 880-894 MHz channels at the temporary site with a maximum power output of 120 Watts ERP per channel. (Additionally, there will be a microwave antenna attached to the boom, but it will not be used for this assignment.)

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. As shown on the site plan, the only permanent features of the site will be a support frame with power and telephone service panels, buried utility lines, and buried grounding rods. The utility service panels will be secured when not in use.

**Power Density Calculations.**

SBMS’ 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 cellular operations.

Antennas	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density <sup>†</sup> (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
Cingular GSM	61	880-894	2	120	0.0232	0.5867	3.95

<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 SBMS’ temporary operations will result in a power density corresponding to approximately 4 % of the ANSI/IEEE standard for uncontrolled environments. Therefore, total worst-case density levels from temporary cellular operations at this location would be within the applicable standard limits.

Please note that the COW will be located approximately 150 feet away from the Silva's Learning Center building, and its students are very unlikely to be present during the Saturday and/or Sunday events for which this temporary site is normally required. Weekday events most commonly occur after-hours for Silva's Learning Center.

**Conclusion**

Pursuant to R.C.S.A. Section 16-50j-72(d), we respectfully request that the Council give its approval for development of SBMS' proposed temporary cell site at 656 Silver Lane in East Hartford for events of statewide significance at Rentschler Field.

We hereby give notice to the Council of our intent to deploy the COW for the following 2004 UCONN home football games, provided the site is readied in time:

**SEPTEMBER 2004**

SATURDAY SEPTEMBER 4		MURRAY STATE
SATURDAY SEPTEMBER 11		DUKE
SATURDAY SEPTEMBER 25		ARMY
THURSDAY SEPTEMBER 30	7 P.M.	PITTSBURGH

**OCTOBER 2004**

WEDNESDAY OCTOBER 13	7.30 P.M.	WEST VIRGINIA
SATURDAY OCTOBER 30		TEMPLE (HOMECOMING)

**NOVEMBER 2004**

SATURDAY NOVEMBER 20		BUFFALO
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SBMS further requests that it be granted standing, open-ended approval to deploy the COW for subsequent UCONN home football games at Rentschler Field without further notice to the Council. Owing to the recurring and well-publicized character of UCONN home football games, this request adheres to both the spirit and the letter of the 30-day notice required under R.C.S.A. Section 16-50j-72(d)(2). SBMS will give the mandated notice for all other events at Rentschler Field for which it decides to deploy the COW. Notice will be given as well should any material changes be made in how SBMS configures or operates the temporary cell site.

Please call Steve Levine at (860) 513-7636 with any questions or comments.

Respectfully yours,

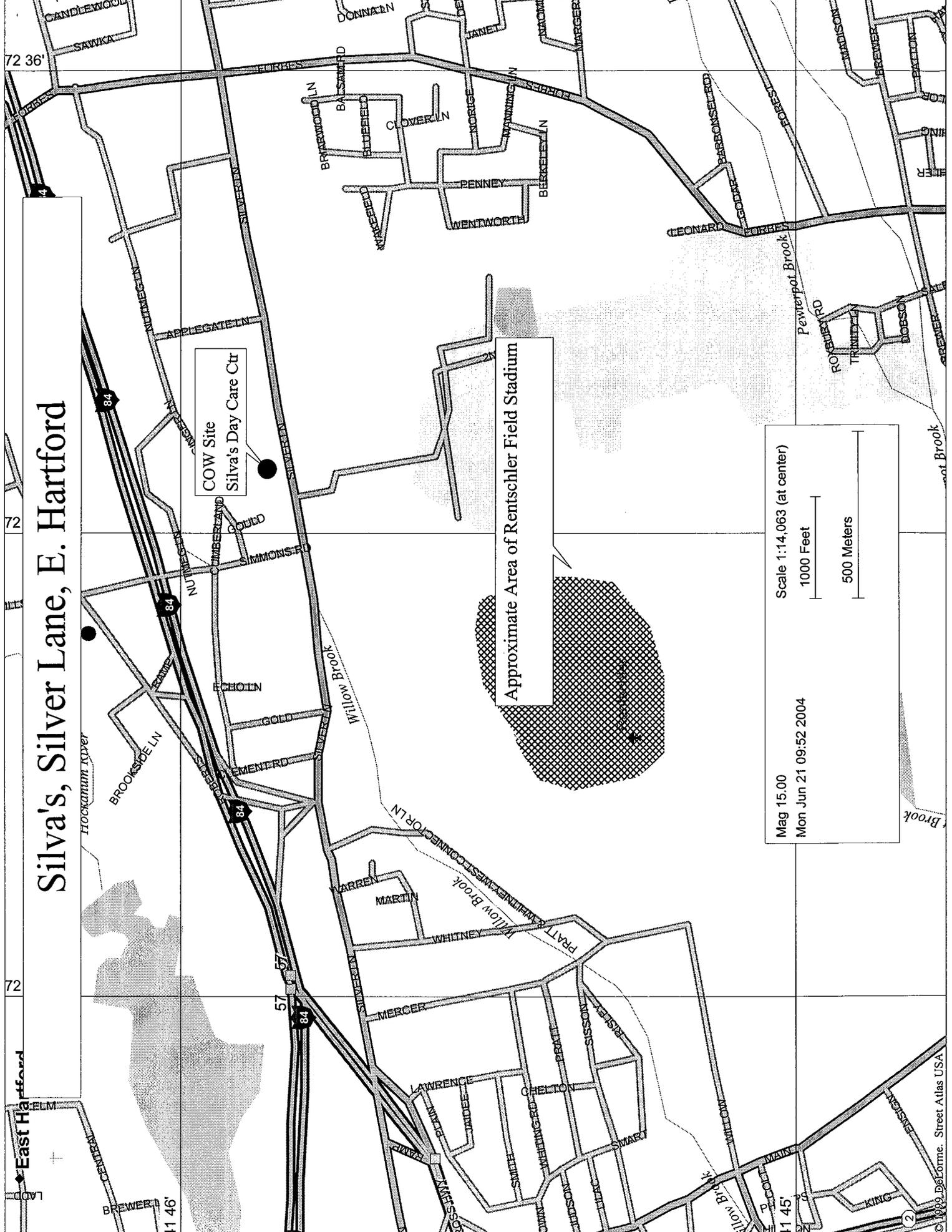


Michele G. Briggs

Enclosures

cc: Honorable Timothy D. Larson, Mayor, Town of East Hartford

# Silva's, Silver Lane, E. Hartford



COW Site  
Silva's Day Care Ctr

Approximate Area of Rentschler Field Stadium

Mag 15.00  
Mon Jun 21 09:52 2004

Scale 1:14,063 (at center)

1000 Feet

500 Meters

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

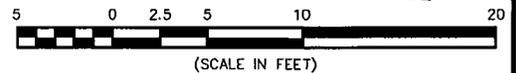
Bituminous Conc. Lip Curb

PROPOSED BURIED GROUND RODS WITH AN ACCESS COVER AT GRADE

MOBILE CELL SITE VEHICLE (8'x23')

TELESCOPING ANTENNA BOOM (40' EXTENSION)

PROPOSED POWER AND TELCO. CONDUITS TO EXISTING POLE (HELCO #6196)



**DESIGN EXHIBIT**

NORTH



SITE NAME: SILVA'S DAYCARE

ADDRESS: 656 SILVER LANE  
EAST HARTFORD, CT

MGI #: 16629

TASK #: 1270

DATE: 11/26/03

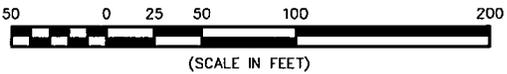
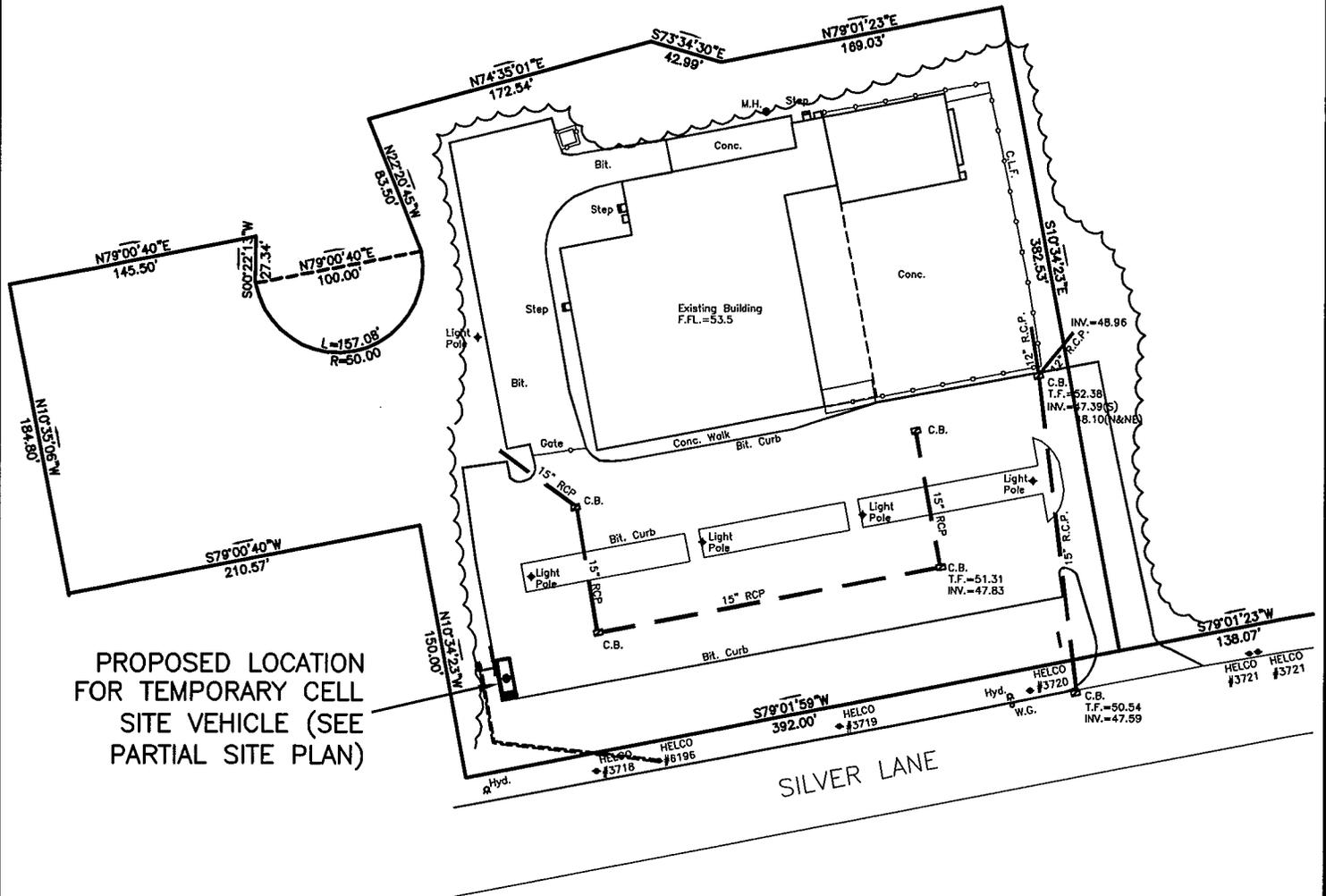
DRAWN: GMP | CHECKED: RGT | SCALE: 1" = 10'



**Maguire Group Inc.**  
Architects Engineers Planners  
One Court Street  
New Britain, Connecticut 06051

THIS DRAWING AND ALL DATA CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. NOT INTENDED FOR DESIGN OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED





**DESIGN  
EXHIBIT**



SITE NAME: SILVA'S DAYCARE

ADDRESS: 656 SILVER LANE  
EAST HARTFORD, CT

DRAWN: GMP | CHECKED: RGT | SCALE: 1" = 100'

THIS DRAWING AND ALL DATA CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. NOT INTENDED FOR DESIGN OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED

MGI #: 16629

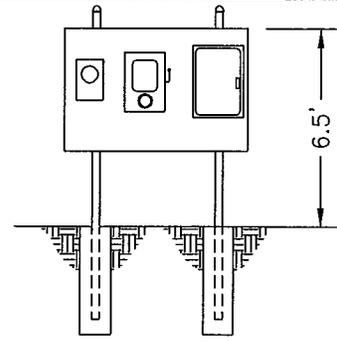
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DATE: 11/26/03

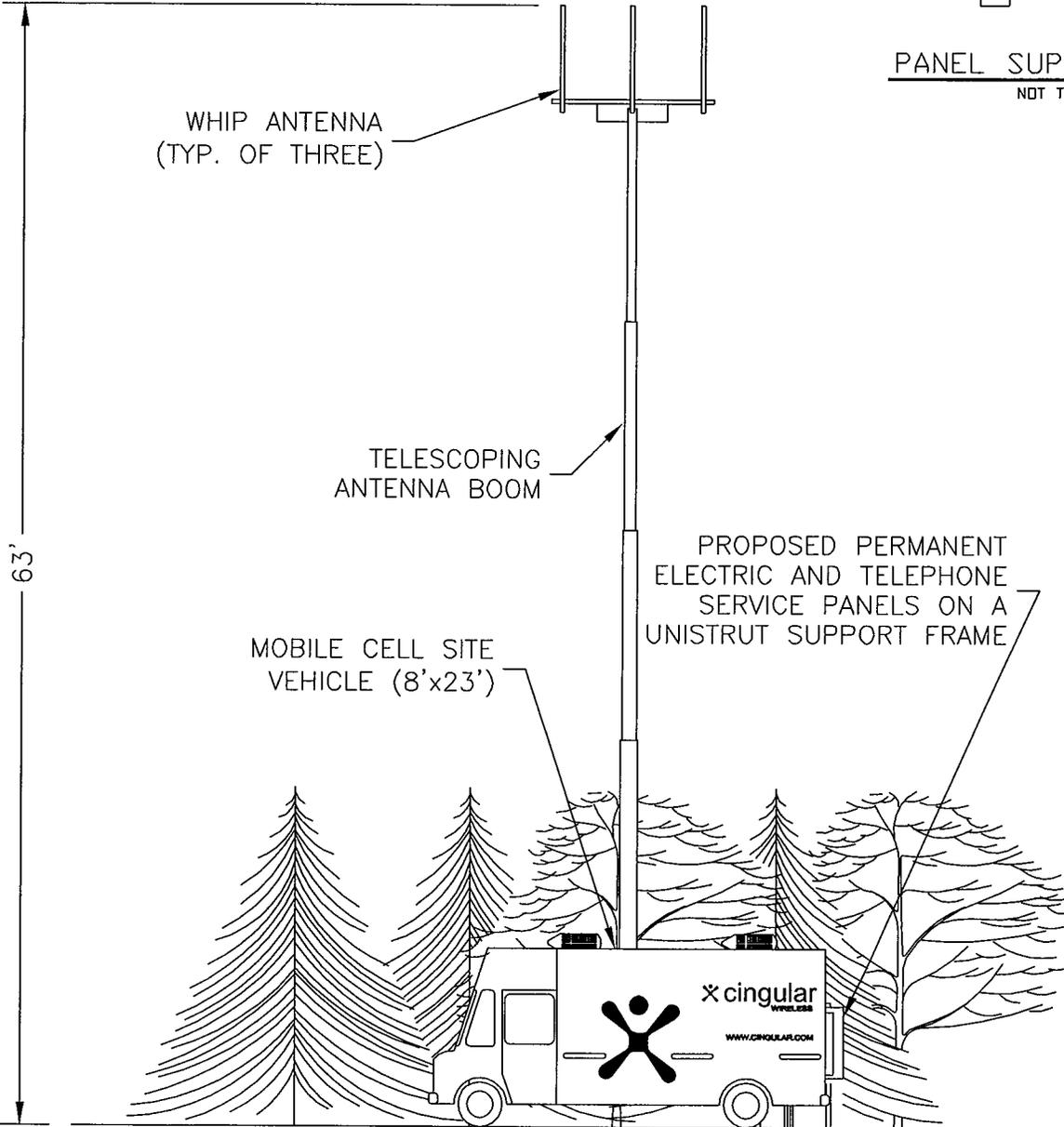


**Maguire Group Inc.**  
Architects-Engineers-Planners  
One Court Street  
New Britain, Connecticut 06051





**PANEL SUPPORT FRAME**  
NOT TO SCALE



<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		DATE: 11/26/03
 <b>Maguire Group Inc.</b> Architects Engineers Planners One Court Street New Britain, Connecticut 06051				



Southwestern Bell Mobile Systems, LLC  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7700  
Fax: (860) 513-7190

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

June 23, 2004

Honorable Timothy D. Larson, Mayor  
Town of East Hartford  
Town Hall, 740 Main Street  
East Hartford, Connecticut 06108-

**Re: Proposed Southwestern Bell Mobile Systems, LLC Temporary Cellular Communications Site for Events of Statewide Significance at Rentschler Field, which Site is to be Located at 656 Silver Lane, East Hartford**

Dear Mayor Larson:

Southwestern Bell Mobile Systems, LLC ("SBMS") plans to install a temporary cellular communications facility for use during events of statewide significance at Rentschler Field in East Hartford.

The temporary cell site will be situated at 656 Silver Lane, which is the location of the former Frank's Garden Center. The property is owned by Silva's Realty, LLC of East Hartford, and it is currently under lease to Silva's Youth of Today Learning Center, LLC ("Silva's Learning Center") for use as a children's daycare center. Both companies are located at 656 Silver Lane.

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 installation which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(d).

The accompanying letter fully describes SBMS' proposal. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call Steve Levine at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Michele G. Briggs  
Manager of Real Estate

Enclosure



Southwestern Bell Mobile Systems, LLC  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7636  
Fax: (860) 513-7190

Steven L. Levine  
*Real Estate Consultant*

June 23, 2004



Ms. Pamela Katz, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

**Re: Proposed Southwestern Bell Mobile Systems, LLC Temporary Cellular Communications Site for Events of Statewide Significance at Rentschler Field, which Site is to be Located at 656 Silver Lane, East Hartford**

Dear Chairman Katz:

Geographic Coordinates for the site are N41- 45 - 52 and W72 - 36 - 52 (NAD 83).

Our apologies for mistakenly omitting this information from the Exempt Modification Notice.

Respectfully yours,

Steve Levine