

# 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)

Web Site: [www.state.ct.us/csc/index.htm](http://www.state.ct.us/csc/index.htm)

April 27, 2001

Peter W. van Wilgen  
SNET Mobility, LLC  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

RE: **EM-CING-033-010418** - SNET Mobility, LLC notice of intent to install a temporary cellular telephone facility for use at the Canon Greater Hartford Open (GHO) on River Highlands property located off Glenwood Road, Cromwell, Connecticut.

Dear Mr. Wilgen:

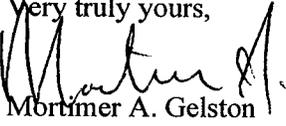
At a public meeting held on April 26, 2001, the Connecticut Siting Council (Council) acknowledged your notice for the temporary operation of a mobile telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed facility is to be developed as specified here and in your notice dated April 17, 2001. The facility is in compliance with the exception criteria in Section 16-50j-72 (b) 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 now 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,

  
Mortimer A. Gelston  
Chairman



MAG/RKE/laf

c: Honorable Stanley A. Terry, Jr., First Selectman, Town of Cromwell  
Frederic Curtin, Zoning Enforcement Officer, Town of Cromwell

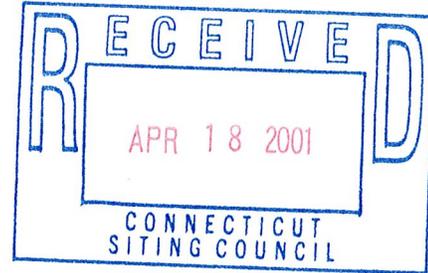


**SNET Mobility, LLC**  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7730  
Fax: (860) 513-7614

**Peter W. van Wilgen**  
*Director – Real Estate Operations*

April 17, 2001

Mr. Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051



**Re: Proposed SNET Mobility, LLC Temporary Cellular Communications Site at the Greater Hartford Open Golf Tournament, Cromwell, CT**

Dear Chairman Gelston:

As it has done each year since 1997, SNET Mobility, LLC ("SNET"), formerly known as Springwich Cellular Limited Partnership, plans to install a temporary cellular communications facility for use at the Canon Greater Hartford Open ("GHO") golf tournament located at the River Highlands Country Club in Cromwell, Connecticut. 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). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the First Selectman of Cromwell.

SNET's proposed temporary cell site meets the criteria set forth in R.C.S.A Section 16-50j-72(d) for temporary cellular service for events of statewide significance. This site is necessary to provide temporary additional system capacity to accommodate increased communication needs for the GHO and the surrounding area.

The temporary cell site will be placed on River Highlands property located off Glenwood Road in Cromwell, where we have operated temporary installations in the past. (See the attached location map and site plan.) The site will begin service around June 8 to be available during the set-up of the tournament, and it will be removed within a week after conclusion of the event on July 1.

SNET's temporary cell site will consist of radio equipment installed on or within a vehicle referred to as a "Cell on Wheels" ("COW"). The COW will be 17' 3" in length, 6' 5-½" wide, and 12 feet in height. A 45-foot telephone pole with 38 feet showing above ground level ("AGL") will support the SNET's antennas as shown on the attached site plan. Two ASP 952 omni-directional whip antennas approximately 11 feet in length will be mounted on small side arms near the top of the pole, one antenna per side arm. These antennas will extend approximately 10 feet above the top of the pole with their center of radiation at 43 feet AGL. SNET plans to operate up to 14 channels with a maximum power output of 17 Watts per channel.

Verizon Wireless ("Verizon") has informed SNET that it also intends to establish a temporary cell site at the GHO and that it will be in close proximity to our COW. Please note that the two companies' antennas *will not* occupy a common structure. Verizon has provided power density information to SNET so that a cumulative figure could be determined for the site. Verizon, however, will notify the Council separately of its plans for augmenting telecommunications capacity at the GHO.

**Power Density Calculations.**

SNET'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.

Company	Centerline Height (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density † (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
SNET	43	880-894	14	17	0.0462	0.5867	7.9
Verizon *	57	874.5	Not Available	Not Available	0.0531	0.5830	9.1
<b>Total</b>							<b>17.0 %</b>

\* Power density provided by Verizon Wireless.

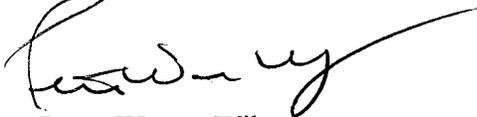
† Please note that the standard power density equation provided by the Council in its memo of January 22, 2001 incorporates a ground reflection factor of 2.56 as described in FCC OET Bulletin No. 65.

A "worst-case" calculation using parameters of 14 channels and 17 Watts per channel shows that SNET's temporary operations will result in a power density of 0.0462 mW/cm<sup>2</sup>. This is 7.9 % of the ANSI/IEEE standard for uncontrolled environments. The table also demonstrates that cumulative worst-case exposure for cellular carriers would be 17 % of the standard, as calculated for mixed frequency sites. Therefore, total power density levels from temporary cellular operations at this location would be well within

applicable standard limits.

We respectfully request that the Council approve SNET's proposed temporary cell site at the GHO pursuant to R.C.S.A. Section 16-50j-72(d).

Respectfully yours,

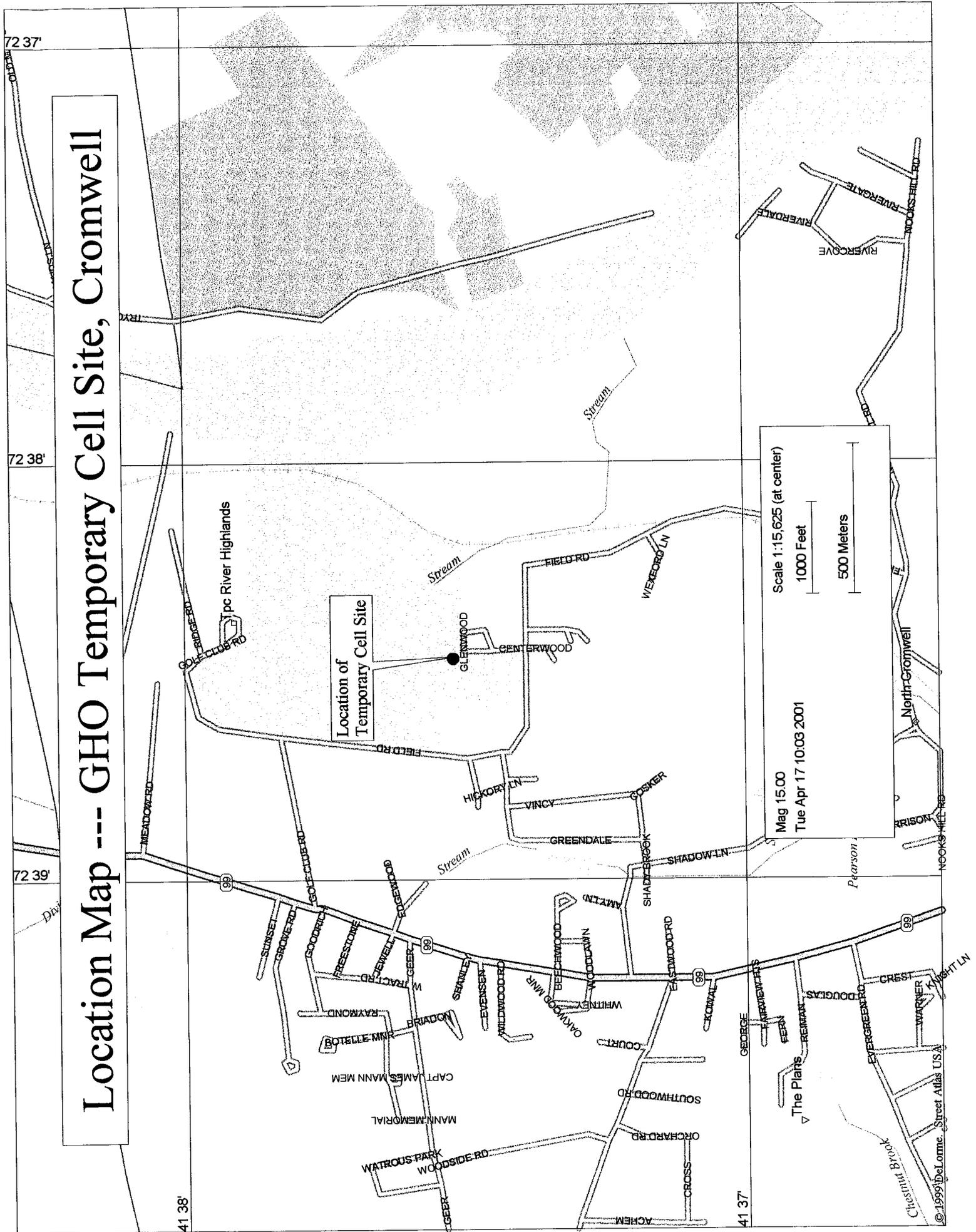
A handwritten signature in black ink, appearing to read "Peter W. van Wilgen", with a long, sweeping horizontal stroke extending to the right.

Peter W. van Wilgen

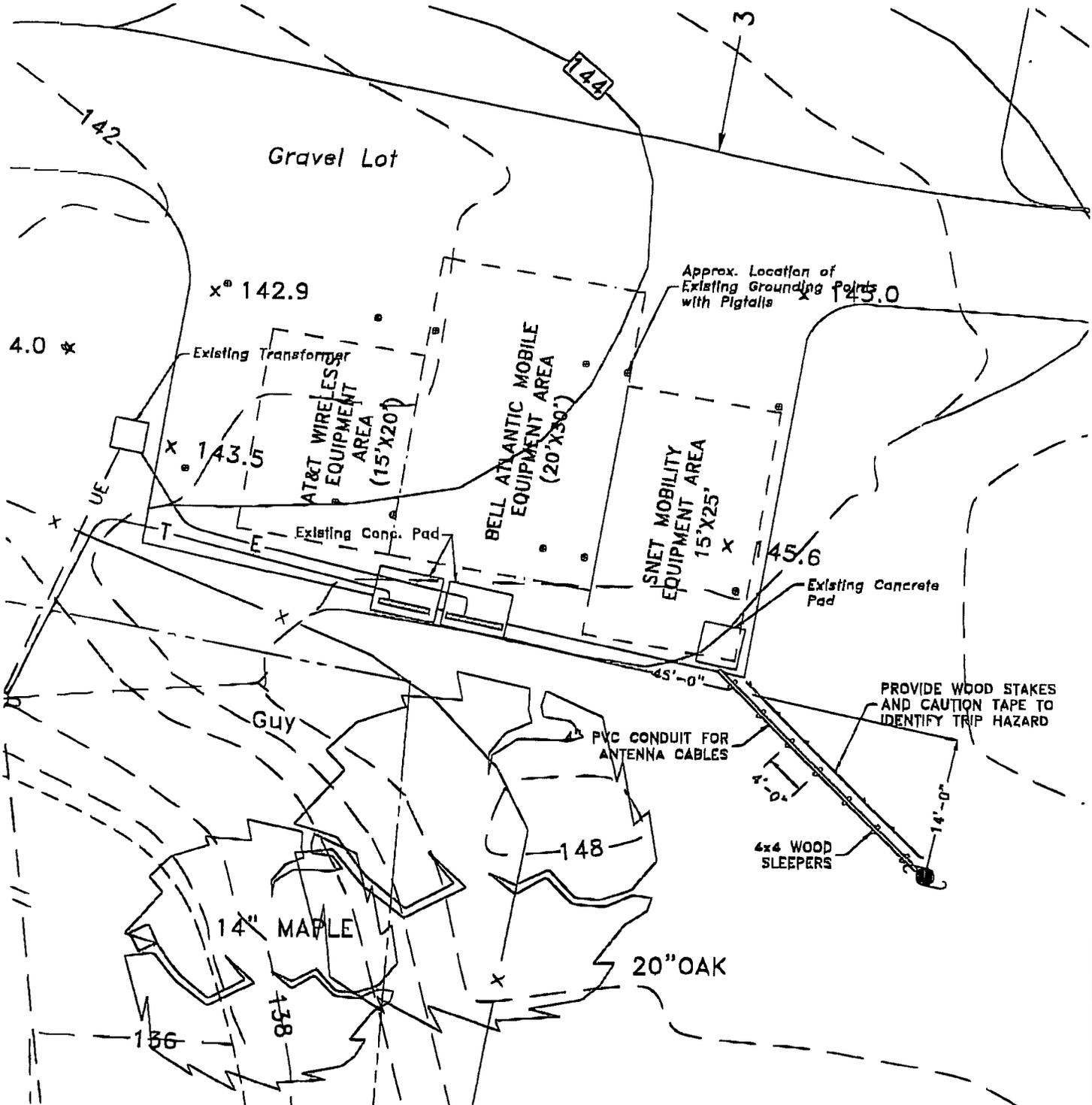
Enclosures

cc: Honorable Stanley A. Terry, Jr., First Selectman, Town of Cromwell

# Location Map --- GHO Temporary Cell Site, Cromwell



RAD. CENTER: \_\_\_\_\_ FT. (AGL)



# PARTIAL SITE PLAN

**DESIGN  
EXHIBIT**



**SITE NAME:** GHO TEMPORARY  
**ADDRESS:** GHO TEMPORARY  
 CROMWELL, CT 06416  
**DRAWN:** GMP | **CHECKED:** RGT | **SCALE:** N.T.S.

**MGI #:** 15364  
**TASK #:** 1151  
**DATE:** 4/12/01

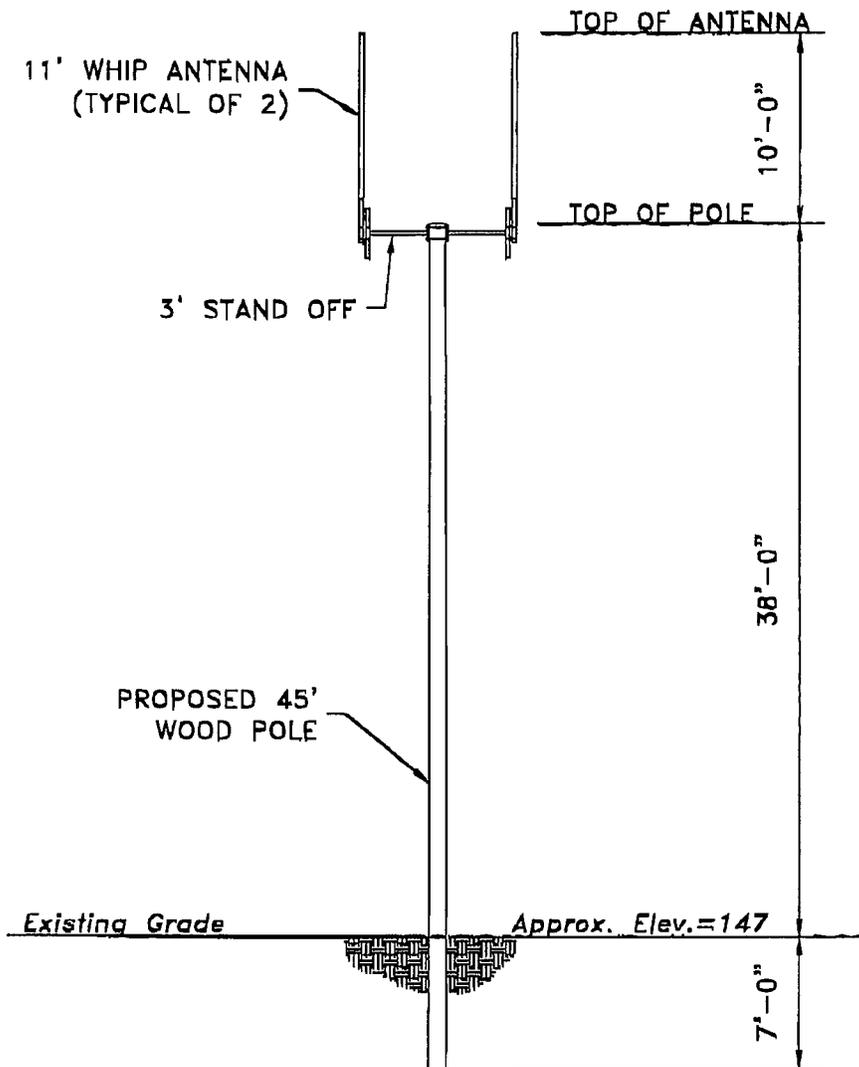


**Maguire Group Inc.**  
 Architects Engineers Planners  
 One Court Street  
 New Britain, Connecticut 06051

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 OR CONSTRUCTION USE. ALL DATA SHOULD BE VERIFIED



RAD. CENTER: \_\_\_\_\_ FT. (AGL)



## ELEVATION - WOOD POLE

**DESIGN  
EXHIBIT**

NORTH

SITE NAME: GHO TEMPORARY

ADDRESS: GHO TEMPORARY  
CROMWELL, CT 06416

MGI #: 15364

TASK #: 1151

DATE: 4/12/01

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



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

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**cingular**  
WIRELESS