



## TOWN OF CORNWALL

CORNWALL, CONNECTICUT  
06753

June 15, 1994

Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, CT 06051-4225

To the Siting Council:

I would like to convey some thoughts on Springwich Cellular Limited Partnership application to put equipment on an existing tower in Mohawk State Forest in Cornwall, CT.

I commend SNET for keeping our town fully apprised of their plans. I also appreciate their success at using an existing tower, unlike Litchfield County Cellular's proposal last year to site a new tower near the Housatonic River.

I do have some concerns. Our town has many hills, making perfect cellular phone communication difficult. I trust the Siting Council will discourage placement of future new towers in our area for environmental reasons.

I also have concerns of the cumulative health effects of more telecommunications technology in a heavily used location. You have the technical expertise to research this issue.

Thank you for your consideration.

Sincerely,

Gordon Ridgway  
First Selectman

GMR/jh

**RECEIVED**  
JUN 17 1994

CONNECTICUT  
SITING COUNCIL

not receive  
Cornwall  
paperwork



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

June 6, 1994

TO: Mortimer A. Gelston  
Chairman  
Commissioner Reginald J. Smith  
Commissioner Timothy R.E. Keeney  
Harry E. Covey  
Daniel P. Lynch, Jr.  
Gloria Dibble Pond  
William H. Smith  
Colin C. Tait  
Dana J. Wright

FROM: Stanley J. Modzelesky, Executive Assistant

*SJM/smt*

RE: Metro Mobile CTS of Hartford, Inc., notice of intent to install a low-power microcell and associated equipment completely within the Legislative Office Building, Capitol Avenue in Hartford, Connecticut.

Metro Mobile CTS of Hartford, Inc., notice of intent to install a low-power microcell and associated equipment completely within the Hartford Civic Center, One Civic Center Plaza in Hartford, Connecticut.

Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located at 26 Washington Street in New London, Connecticut.

Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located atop Mohawk Mountain in Mohawk Mountain State Park, Cornwall, Connecticut.

Enclosed please find copies of the above items which will be on the next agenda. Please bring your copies with you.

SJM/go

Enclosures

cc: Gerald J. Heffernan  
Brian Emerick

7113E-44

*Approved 6/11/94*



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401  
New Britain, Connecticut 06051-4225  
Phone: 827-7682

June 1, 1994

Peter J. Tyrrell  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located atop Mohawk Mountain in Mohawk Mountain State Park, Cornwall, Connecticut.

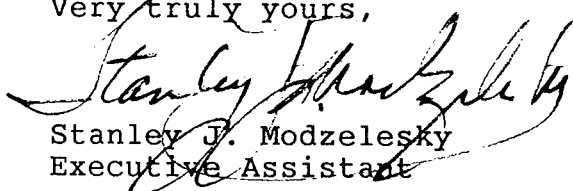
Dear Mr. Tyrrell:

Please be advised that Siting Council staff will be conducting a field review on June 3, 1994, at 10:00 a.m. at this site.

Springwich Cellular personnel will be required for this field review.

If there are any questions regarding this matter, please contact me at the Council's office.

Very truly yours,

  
Stanley J. Modzelesky  
Executive Assistant

SJM/RKE/ss

cc: Ronald Clark

7927E

SNET Mobility, Inc.  
555 Long Wharf Drive  
New Haven, Connecticut 06511  
Phone (203) 553-7595



**Ronald C. Clark**  
*Manager-Real Estate*

June 1, 1994

Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
136 Main Street  
Suite 401  
New Britain, Connecticut 06051

**RECEIVED**  
JUN - 2 1994

**CONNECTICUT  
SITING COUNCIL**

Dear Mr. Gelston,

Attached please find, as requested, a site plan to supplement the Exempt Modification filing Springwich submitted to the Siting Council on May 23, 1994. This filing seeks approval to add cellular service antennas to AT&T's communications tower on Mohawk Mountain in Cornwall, Connecticut.

Thank you for your consideration.

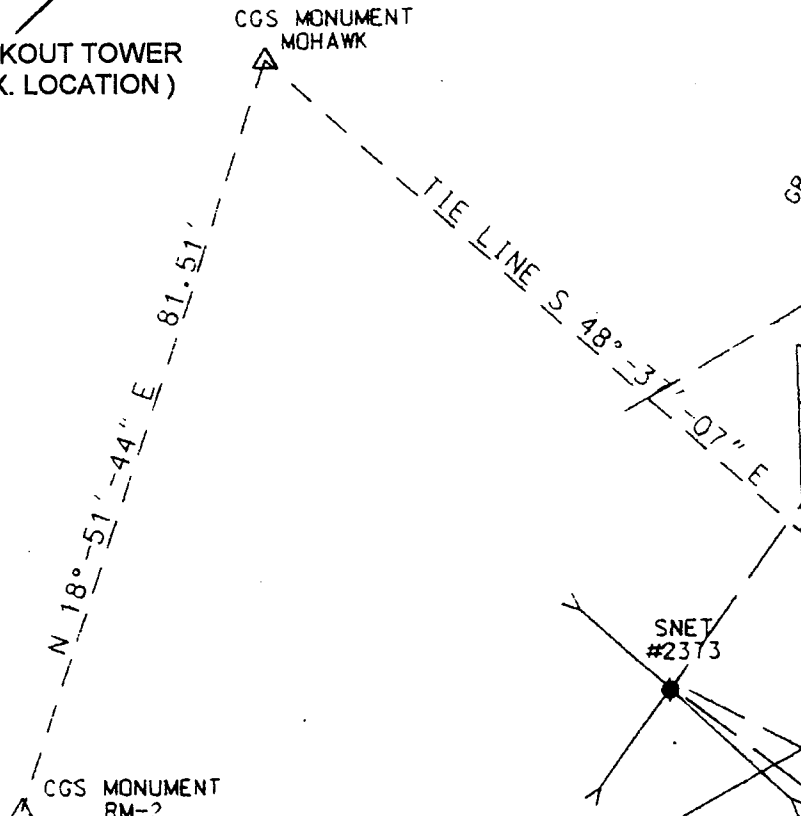
Sincerely,

A handwritten signature in blue ink that reads "Ronald C. Clark". The signature is written in a cursive, flowing style.

MOHAWK STATE FOREST  
MATTATUCK ROAD  
CORNWALL, CONNECTICUT

DEP LOOKOUT TOWER  
(APPROX. LOCATION)

CGS MONUMENT  
MOHAWK

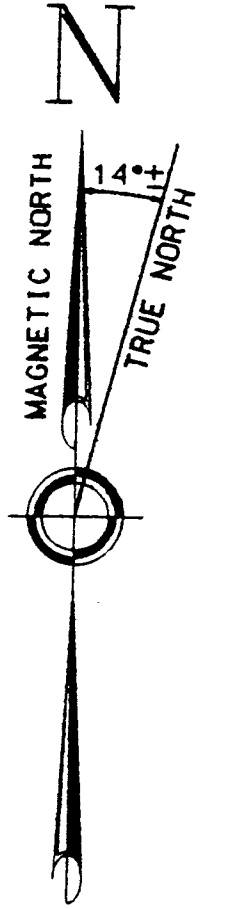


MATTATUCK ROAD  
BITUMINOUS

GRAVEL

GRAVEL

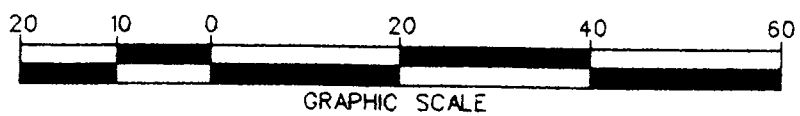
LAND OF  
THE STATE OF CONNECTICUT



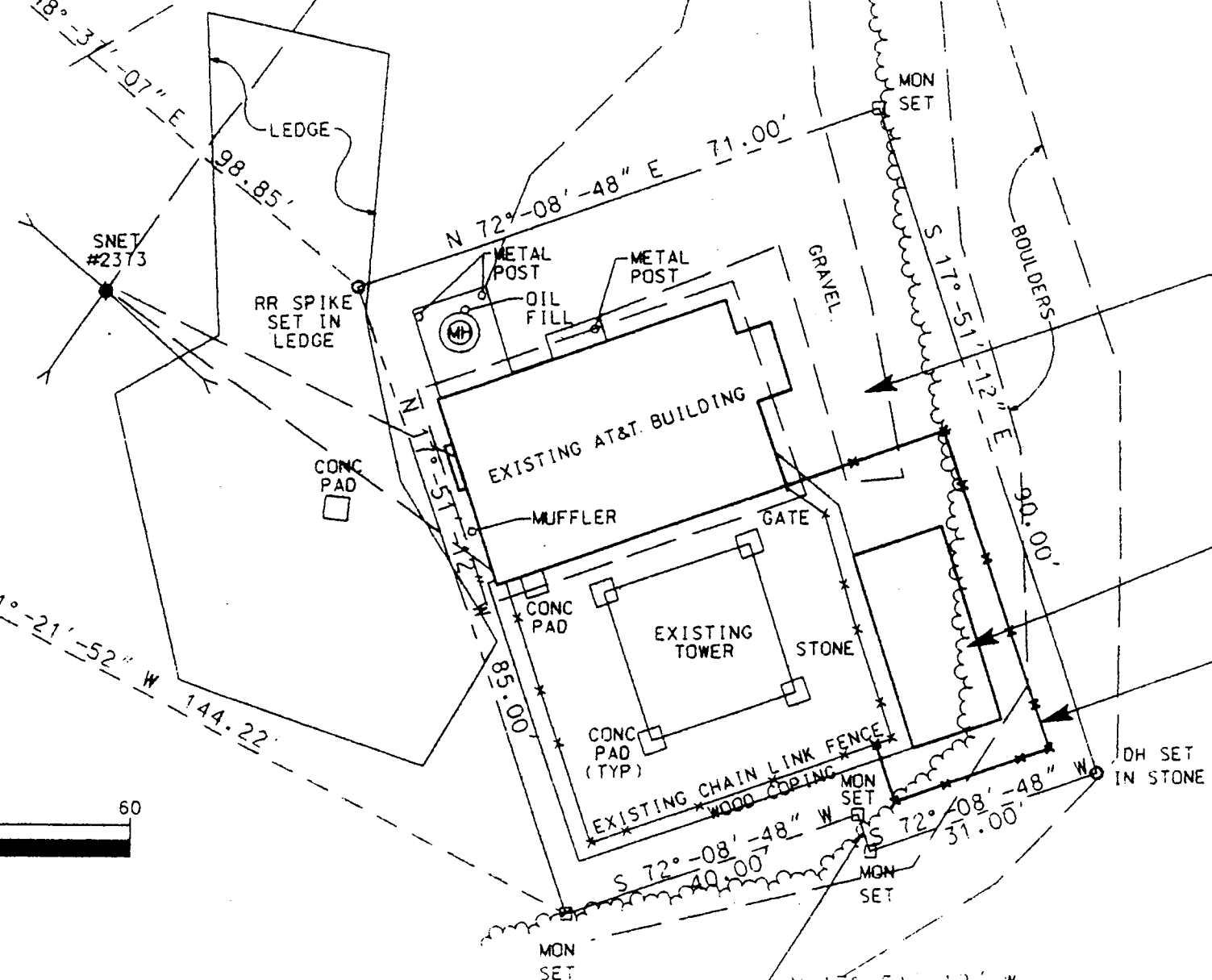
EASEMENT IN FAVOR OF  
THE AMERICAN TELEPHONE AND  
TELEGRAPH COMPANY  
AREA =  
6,190 SQ. FT.  
0.142 ACRES

PROPOSED SNET CELLULAR BUILDING

PROPOSED CHAIN LINK FENCE



GRAPHIC SCALE



**Greiner** Surveying and Mapping by:  
Greiner, Inc. A·E·S  
11 Fairfield Blvd., P.O. Box 767  
Wallingford, CT 06492-0767  
Tel. (203) 265-6741

Field book • 1354-4	Crew Chief G. NEVIN	Search • 3176	Project • F018860
Computed by K. MORGAN	Drawn by J. RICHARDS	Checked by M. WILMES	Map file • T133-50A

Scale: 1"=20'  
Date: AUGUST 1993



Peter J. Tyrrell  
Senior Attorney

May 23, 1994

Mr. Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, CT 06051



CONNECTICUT  
SITING COUNCIL

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned and operated by the American Telephone and Telegraph Company (AT&T) in Cornwall, Connecticut. The site is located atop Mohawk Mountain in Mohawk Mountain State Park. The Springwich Cellular Limited Partnership (SCLP) proposes to add antennas to the existing tower and locate a modular equipment shelter at the tower base. The site will be used to provide cellular communications coverage in and around the Cornwall area.

The attached pages detail the required information. As is shown in the attachment, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is thus an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SCLP in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Very truly yours,

A handwritten signature in blue ink that reads "Peter J. Tyrrell".

Copies to: Honorable Gordon M. Ridgeway, First Selectman  
Town of Cornwall

Mr. Dick Harris, State of Connecticut,  
Department of Environmental Protection

Mr. Jeff Burkland, American Telephone & Telegraph

## Cornwall

Pursuant to Section 16-50i (a) (5) of the Connecticut General Statutes and Section 16-50j-72 (b) (2), as amended, of the Regulations of Connecticut State Agencies, the Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular service antennas to an existing communications tower and locating a pre-fabricated equipment building adjacent to the tower structure. The site is located atop Mohawk Mountain in Cornwall, inside Mohawk Mountain State Park.

### Background

The proposed location is the site of a 79 foot lattice communications tower owned and operated by AT&T. In 1952, AT&T was granted an easement to utilize the site, which is owned by the State of Connecticut Department of Environmental Protection (DEP). In January 1994, the easement was modified by AT&T and the DEP to allow SCLP to utilize the site.

The existing facility is a main backbone site in AT&T's Northeast microwave transmission network.

### Discussion

SCLP proposes to install nine directional antennas at the sixty foot level of the existing tower to expand and improve cellular system coverage in the Cornwall area. A new twelve foot by twenty-six foot pre-fabricated equipment building will be located at the base of the tower, adjacent to AT&T's equipment building. The new structure will house SCLP's cellular radio equipment.

The power density in the microwave and cellular frequency bands is set forth below. The levels shown indicate the total power density in milliwatts per square centimeter, and have been calculated at the tower base.

<u>Service</u>	<u>Power Density</u>	<u>Antenna Height</u>	<u>ANSI/ Connecticut Standard</u>	<u>Percent of Standard</u>
Cellular	0.1064	60'	0.5867	18.14
Microwave	3.437x10 <sup>-10</sup>	40'	2.6667	1.28 x 10 <sup>-8</sup>

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation are shown above. The levels demonstrated in this case are well below the standards.

### Conclusion

The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50i (d). This is because there is no change in the buildings height. There is no extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22 (a) - 162 of the Connecticut General Statutes. This addition will not have a substantially adverse environment effect.

For the reasons discussed above, SCLP requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.