



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

July 16, 1992

Peter J. Tyrrell, Esq.  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street, Room 1021  
New Haven, CT 06506

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located on Hoskins Road in Bloomfield, Connecticut.

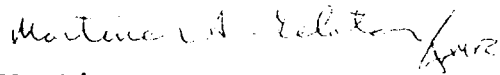
Dear Attorney Tyrrell:

At a meeting held July 15, 1992, the Connecticut Siting Council acknowledged your notice of an exempt modification for an existing tower site on Hoskins Road in Bloomfield, Connecticut.

As proposed in your notice dated June 23, 1992, the modification is in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72 for changes to an existing facility site that would not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of existing towers meets the Council's long-time goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

  
Mortimer A. Gelston  
Chairman

MAG/TEF/cp

cc: Peter Van Wilgan

5766E



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

July 8, 1992

Mr. Barry F. Burke  
Vice President Operations  
SNET Cellular, Inc.  
555 Long Wharf Drive  
8th Floor  
New Haven, CT 06511

Dear Mr. Burke:

Please be advised that a Siting Council staff member will be conducting a field review of the existing Connecticut Light and Power Company tower site located off 8 Hoskins Road in Bloomfield, Connecticut, on Monday, July 13, 1992, at 8:30 A.M., to determine compliance with exempt modification requirements set forth in Regulations of State Agencies section 16-50j-72 and section 16-50j-73. The presence of SNET Cellular personnel is requested 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/TEF/bd

6234E



June 23, 1992

Peter J. Tyrrell  
Senior Attorney

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

RECEIVED

JUN 22 1992

CONNECTICUT  
SITING COUNCIL

Dear Honorable Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by the Connecticut Light and Power Company located at 8 Hoskins Road (Talcott Mountain) in Bloomfield, Connecticut.

Springwich Cellular Limited Partnership (SCLP) proposes to add antennas at the 50' level of an existing 140' tower to provide partial cellular telecommunications to certain areas of Bloomfield and Simsbury. A full application will be submitted in the near future detailing SCLP's request consisting of a replacement of the existing 140' guyed tower with a 180' self supporting tower and the relocation of the SCLP antennas from the 50' to the 160' level of the replacement tower and an alternate site.

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.

Sincerely,

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

Attachment

cc: Honorable Keith Harrigan, Acting Town Manager, Town of  
Bloomfield, Town Hall, P.O. Box 337, 06002

Mr. Wayne E. Ferguson, Real Estate Representative, Connecticut  
Light and Power Company, P. O. Box 270, Hartford, 06141-0270.

## BLOOMFIELD

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, Springwich Cellular Limited Partnership (SCLP), a company which provides cellular radio telecommunications service in the state of Connecticut, hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular antennas on an existing 140 foot tower, and a 12' x 26' modular radio equipment building adjacent to the tower. The site is located at 8 Hoskins Road, Talcott Mountain, Bloomfield, Connecticut.

The location will be shared with its current owner and operator, the Connecticut Light and Power Company (CL&P), and will be used by SCLP as a cell site to provide cellular mobile telecommunications service within the Hartford NECMA. The proposed tower modification would contain five (5) omni-directional transmit and receive antennas attached at the 50' level of the tower.

SCLP has received approval from the Bloomfield Inland Wetlands Commission, Zoning Board of Appeals and Town Plan and Zoning Commission to install its radio equipment building at this location.

### BACKGROUND

On July 22, 1991, SCLP provided the Bloomfield Town Manager, under Public Act 89-104, a package advising him that SCLP would be applying to the Connecticut Siting Council for approval to replace the existing 140' CL&P tower with one 180' tall for joint use by CL&P and SCLP, plus the addition of a 12' x 26' equipment building for SCLP's use. He was also advised of our plan to use the existing tower temporarily until a decision had been reached by the Council on the proposed tower replacement. The Town Manager expressed support for replacing the existing tower rather than the possible addition of a second tower.

After being referred to the Town Planner for further assistance, we explained our proposal and also received his support for the tower replacement. The Town Planner then requested that we make application to the Inland Wetlands Commission, Zoning Board of Appeals and Town Plan and Zoning Commission to seek approval for the equipment building associated with use of the existing tower, and to advise the various town agencies of our long term plans for the CL&P site. SCLP complied with the Town's request, ultimately receiving approval for the equipment building. Copies of the approvals from these Boards and Commissions are attached.

### DISCUSSION

Detailing SCLP's use of the existing tower, the CL&P tower is located at 8 Hoskins Road, Bloomfield, Connecticut. The proposed antenna addition will supply some additional cellular service to portions of Bloomfield and Simsbury, but is not intended to be the ultimate serving facility for this area. (The taller tower with antennas mounted at the 160' level is necessary to provide the required coverage for the area). The ultimate

cell site has been designed to properly interface with the existing cell sites in Hartford and Canton. SCLP proposes to use the existing tower to supply partial cellular coverage to these areas during the extended application and hearing process required for a decision on the proposed replacement tower.

The proposed antenna addition will consist of five (5) omni-directional antennas mounted at the 50' level of the 140' tower, below the existing CL&P antennas, and does not increase the overall height of the existing tower. A 12' x 26' equipment building will be installed within the site boundary adjacent to the existing CL&P equipment buildings, to house the radio equipment associated with the SCLP antennas, and all local approvals have been received for the building. A site plan of the area is attached. There will be no noise associated with the use of cellular equipment during normal operation.

The power density of the cellular frequency band is shown below in units of milliwatts per square centimeter. The power density level has been calculated based on the cell site transmitting simultaneously on 56 voice channels at maximum power.

SERVICE	LOCATION HEIGHT AMSL FT.	DISTANCE TO ANTENNA CENTERLINE FEET	POWER DENSITY AT SITE BOUNDARY (100' FROM TOWER BASE) IN $\text{mW}/\text{cm}^2$				
			EXISTING	INCREASE	TOTAL	CONNECTICUT STANDARD	PERCENT OF STANDARD
Cellular	412	114.61	0.0	0.239546	0.239546	2.933	8.17
CL&P 30-300 MHz	412	128 - 172	0.007609	0.0	0.007609	1.0	0.76
CL&P 300-1500 MHz	412	156 - 172	0.002669	0.0	0.002669	1.5	0.18
CL&P above 1500 MHz	412	133 - 168	0.034504	0.0	0.034504	5.0	0.69

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm<sup>2</sup>, respectively. The level demonstrated in this case is well below the standard level.

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 tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower'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 environmental effect.

For the reasons discussed above, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.



# TOWN OF BLOOMFIELD

Council-Manager Government Since 1941

800 Bloomfield Avenue  
P.O. BOX 337 BLOOMFIELD, CONNECTICUT 06002  
(203) 243-8971

## TOWN PLAN & ZONING COMMISSION

### PERMIT TO DEVELOP

Permission is hereby granted to SNET Cellular, Inc.  
to develop premises located at 8 Hoskins Road (rear)  
in accordance with site plan dated 2/27/92 revised to 3/11/92  
as approved by the Town Plan & Zoning commission on April 9, 1992.

#### CONSTRUCTION OF MODULAR RADIO EQUIPMENT BLDG.

All improvements required as part of site plan approval shall be installed within a twelve (12) month period. Under special circumstances, the Commission may extend the installation of improvements an additional twelve (12) months.

When development of these premises has been completed, a Certificate of Occupancy/Use/Completion must be issued by the Building Department of the Town of Bloomfield PRIOR TO USE OR OCCUPANCY OF THE PREMISES.

In addition to this Permit to Develop, a building permit is required for any building, sign, or other structure to be erected on the site.

ALL SITE WORK MUST BE COMPLETED IN ACCORDANCE WITH THE APPROVED SITE PLAN PRIOR TO ISSUANCE OF A C.O. FOR THE BUILDING.

This Permit to Develop is subject to the following conditions:

THIS APPROVAL IS NOT FOR THE FUTURE REPLACEMENT OF THE

TOWER WITH ONE 40 ft. HIGHER

THIS SITE MAY BE SUBJECT TO REGULATION BY ARMY CORPS OF ENGINEERS

TOWN PLAN & ZONING COMMISSION

*Shirley P. Williams /mmf*

Shirley P. Williams  
Secretary

Date April 16, 1992  
8/75; rev. 1/17/85, 4/88

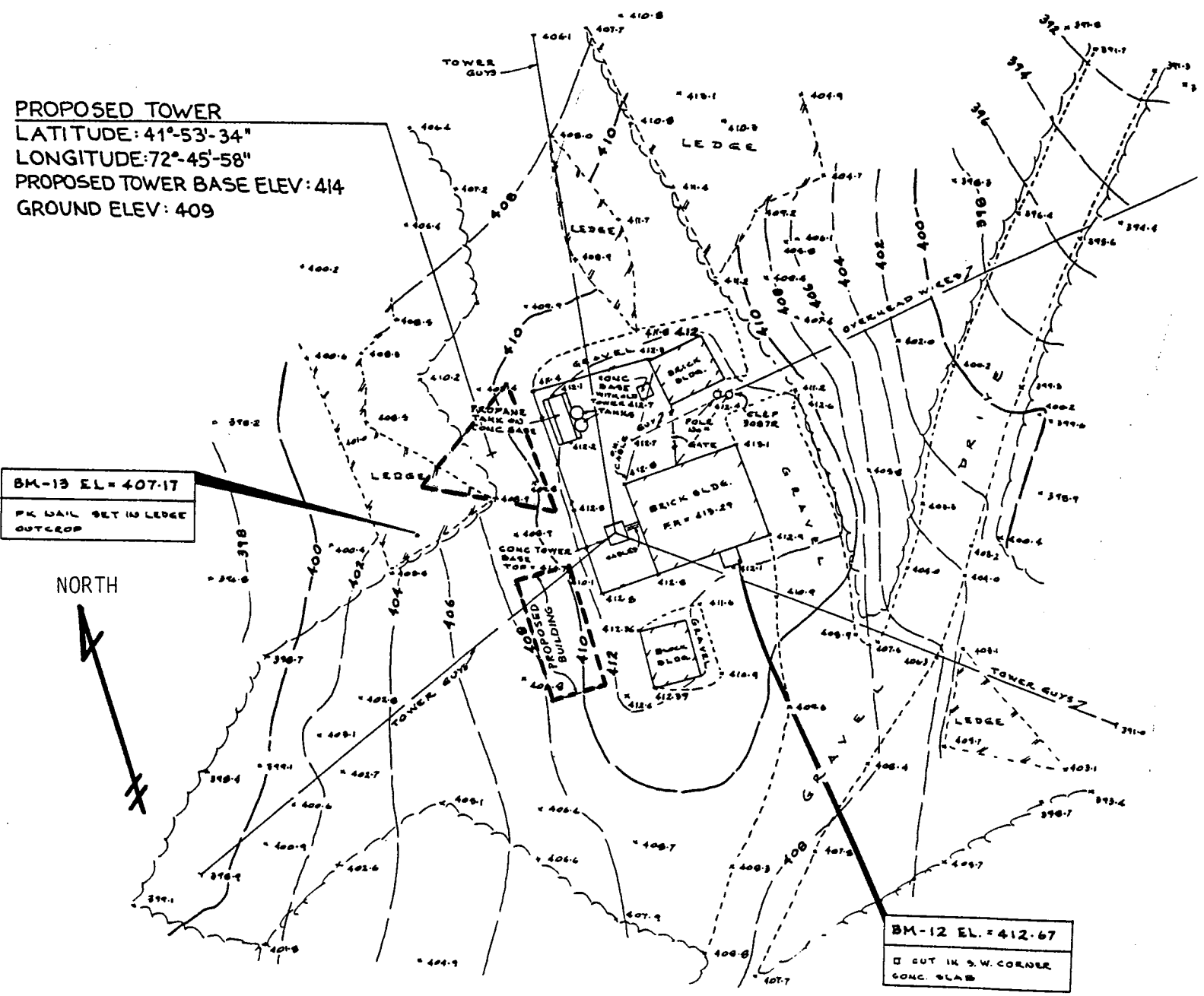
cc: Building  
Engineering (2)  
PZP

SITE PLAN  
OF  
EXISTING CL&P BUILDINGS AND TOWER  
OFF HOSKINS ROAD, BLOOMFIELD  
SHOWING PROPOSED REPLACEMENT TOWER  
AND PROPOSED SNET CELLULAR EQUIPMENT BUILDING

**PROPOSED TOWER**  
 LATITUDE: 41°-53'-34"  
 LONGITUDE: 72°-45'-58"  
 PROPOSED TOWER BASE ELEV: 414  
 GROUND ELEV: 409

**BM-13 EL= 407.17**  
 PK NAIL SET IN LEDGE  
 OUTCROP

**BM-12 EL= 412.67**  
 CUT IN S.W. CORNER  
 CONC. SLAB



SCALE 1" = 30'



# TOWN OF BLOOMFIELD

Council-Manager Government Since 1941

800 Bloomfield Avenue  
P.O. BOX 337 BLOOMFIELD, CONNECTICUT 06002  
(203) 243-8971

CERTIFIED MAIL


## INLAND WETLANDS & WATERCOURSES COMMISSION PERMIT

Permission is hereby granted to SNET Cellular  
(Applicant)  
of 555 Long Wharf Drive, Room 800, New Haven, CT 06511  
(Address)  
in order to widen an existing stone road at 8 Hoskins Road  
in accordance with the Application for Permit dated 3/5/92  
and plans dated 2/27/92, rev. 3/11/92 by SNET  
as approved by the IWWC on 3/16/92  
subject to the following conditions:  
Final review and approval of revised plans by the Town Engineer.

All activities, operations or uses granted hereby shall be commenced within a period of twelve (12) months from the date of approval. Such activity, operation or use shall be completed within 12 months from the date of commencement thereof.

In addition to this Permit, a Permit to Develop is required for any nonresidential building, sign, or other structure erected on the property. Also, a building permit is required for any structures or signs.

## INLAND WETLANDS & WATERCOURSES COMMISSION

Date: 3/17/92 G. Marva Howse G. Marva Howse  
Secretary 

THIS PERMIT IS ONE OF SEVERAL LOCAL, STATE OR FEDERAL PERMITS WHICH MAY BE REQUIRED. NO WORK UNDER THIS PERMIT SHALL COMMENCE UNTIL ALL REQUIRED PERMITS HAVE BEEN OBTAINED.

INQUIRIES REGARDING THE NEED FOR ARMY CORPS OF ENGINEERS SECTION 404 PERMIT SHOULD BE DIRECTED TO: William Lawless, Chief, Department of the Army, Corps of Engineers, 424 Trapelo Road, Waltham, Mass. 02154  
Phone: (617) 894-2400.

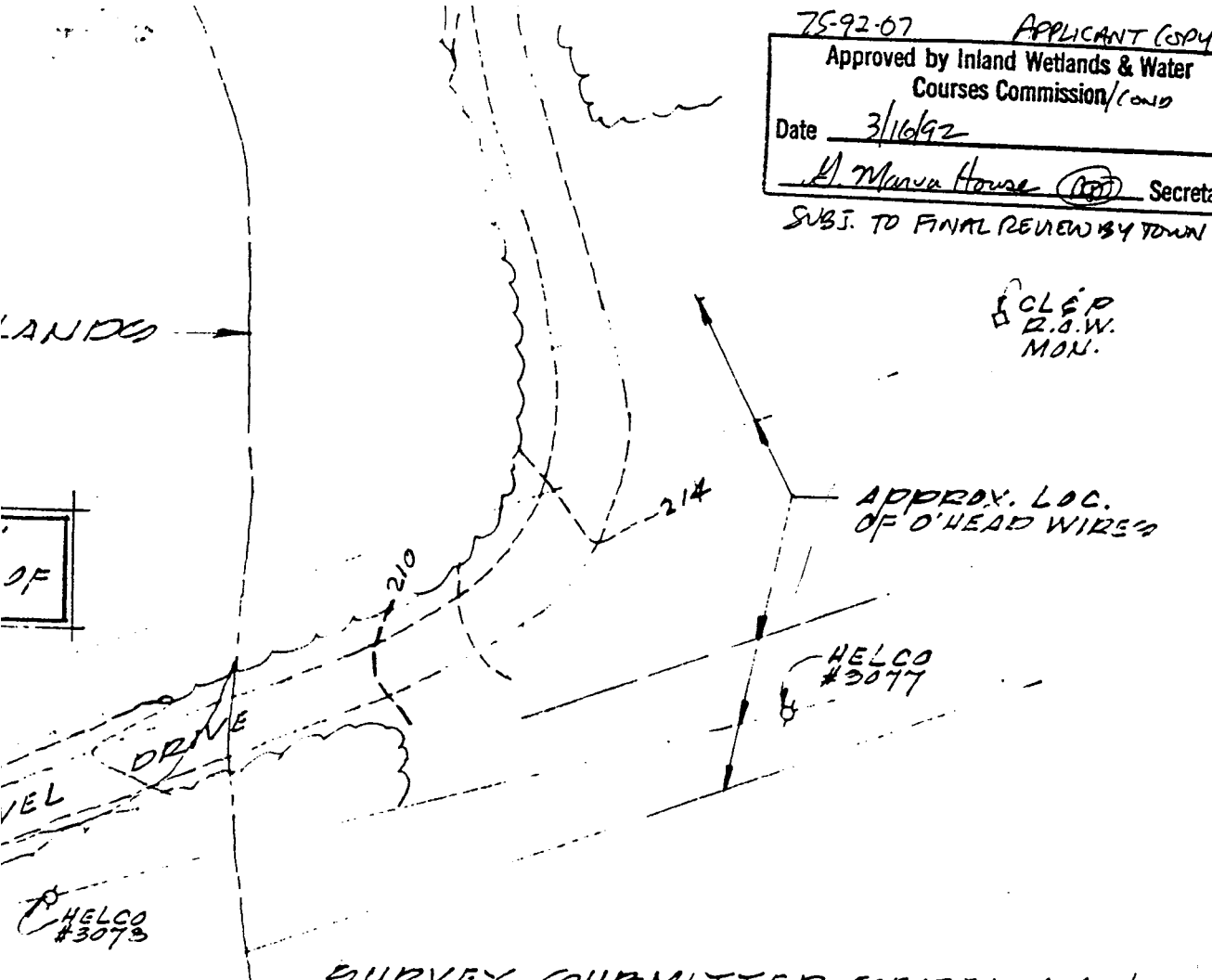
cc: IWWC File

bldisk2IWWCPERMIT  
10/23/91




75-92-07 APPLICANT (SPY)  
 Approved by Inland Wetlands & Water  
 Courses Commission/COND  
 Date 3/16/92  
 A. Manua House (SP) Secretary

SUBJ. TO FINAL REVIEW BY TOWN ENGR.



NOTE:  
 SURVEY AND TOPOGRAPHIC INFORMATION TAKEN FROM A MAP ENTITLED "TOPOGRAPHIC MAP LANDS OF CONNECTICUT LIGHT AND POWER COMPANY AND BLOOMFIELD BLOOMFIELD, CONNECTICUT PREPARED FOR SNET CELLULAR, INC." DATED JAN. 1991, LAST REVISED IN 1991 CERTIFIED SUBSTANTIALLY CORRECT FOR CLASS 2 SURVEY BY MICHAEL G. WILMES, LAND SURVEYOR.

SHEET  OF	 <b>SNET</b> Office of the District Manager - Building Construction & Design		
	LOCATION BLOOMFIELD, CONN.		
3-11-92	DESCRIPTION CELLULAR RADIO CELL SITE  PLOT PLAN		
	DRAWN BY R.J.B.	DATE 2-27-92	FILE  
CHECKED BY M.C.	SCALE NOTED	JOB NUMBER  	

I CERTIFY THIS TO BE A TRUE COPY OF THE  
DOCUMENT RECORDED IN THE BLOOMFIELD  
LAND RECORDS. DATED AT BLOOMFIELD, CT.  
THIS 1st DAY OF June 1992  
TOWN OF BLOOMFIELD Pita Abrousseau, TOWN CLERK  
asst.

LOCATION: 8 Hoskins Road, near intersection of Andrews Road  
Please type or print

OWNER OF RECORD: Connecticut Light and Power Company

The foregoing application for / Variance; /X/ Special Exception  
pursuant to Sections IV-B 2a & b of the Bloomfield Zoning Regulations,  
pertains to premises bounded and described as follows:  
(Type or attach written legal boundary description)

See attached copies from land records

March 20, 1992  
Date

Lucas J McEntire  
Signature of Owner of Record  
Lucas L. McEntire, General Manager

PLEASE NOTE REQUIREMENTS BELOW FOR RECORDING APPROVAL ON LAND RECORDS

To be completed by Zoning Board of Appeals following approval:

I hereby certify that the Zoning Board of Appeals, at a meeting  
held on April 6, 1992, approved / Variance or /X/ Special  
Exception of SNET Cellular, Inc. for installation of a 12' x 26'

modular radio equipment building to house cellular mobile equipment.  
(Conn. Light & Power property - rear 8 Hoskins Road)  
at the above premises, pursuant to Section IV-B.2a&b of the Bloomfield  
Zoning Regulations; subject to the following conditions (if any):

The request to replace the existing tower with one 40 feet taller  
at some future date was denied.

Timothy Edwards /mmf  
Timothy Edwards  
Secretary - ZBA

\* NOTE: PURSUANT TO SECTION 8-3d OF THE CONN. GENERAL STATUTES, THIS  
VARIANCE/SPECIAL EXCEPTION WILL NOT BECOME EFFECTIVE UNTIL IT HAS  
BEEN RECORDED ON THE LAND RECORDS OF THE TOWN OF BLOOMFIELD. IT IS  
THE RESPONSIBILITY OF THE OWNER TO RECORD THIS FORM AND PAY THE  
RECORDING FEE. (\$10.00 FOR THE FIRST PAGE, \$5.00 EACH ADDITIONAL PAGE)

NO BUILDING PERMITS REQUIRED IN CONNECTION WITH THE ABOVE VARIANCE  
OR SPECIAL EXCEPTION MAY BE ISSUED UNTIL THIS APPROVAL HAS BEEN  
RECORDED.

PARCEL 1: - located in Bloomfield

Northeasterly on a highway 176 feet more or less;  
Easterly in a line concentric with and distant 33 feet easterly, measured radially from the monumented center line of the former railroad, as shown on said map, 62 feet more or less;  
Southerly on a highway 82 feet more or less;  
Westerly on land occupied by a cemetery in a line concentric with and distant 33 feet westerly, measured radially from said monumented center line, 180 feet more or less;  
Containing 0.17 of an acre more or less

PARCEL 2: - located in Bloomfield

Northerly on a highway 125 feet more or less;  
Northeasterly in part on land now or formerly of one Perkins and in part on land now or formerly of A.W. Burrows in a line 49.5 feet equi-distant northeasterly from said monumented center line, 1722 feet more or less;  
Southeasterly on land now or formerly of said A.W. Burrows, 16.5 feet;  
Northeasterly again on land now or formerly of said A.W. Burrows in a line concentric with and distant 33 feet northeasterly, measured radially from said monumented center line, 658 feet more or less;  
Southeasterly again on a highway, 68 feet more or less;  
Southwesterly on land now or formerly of I.B. Barnard in a line concentric with and distant 33 feet southwesterly, measured radially from said monumented center line, 682 feet more or less;  
Southeasterly again on land now or formerly of said I.B. Barnard, 16.5 feet;  
Southwesterly again in part on land now or formerly of said I.B. Barnard and in part on land now or formerly of said one Perkins in a line 49.5 feet equi-distant southwesterly from said monumented center line, 1820 feet more or less;  
Containing 5.05 acres more or less.

PARCEL 3: - located in Bloomfield

Northwesterly on a highway, 77 feet more or less;  
Northeasterly in part on land now or formerly of Thurston and Clark and in part on land now or formerly of The Griffin Tobacco Company in a line 33 feet equi-distant northeasterly from said monumented center line, 2540 feet more or less;  
Easterly on State Highway known as Tunxis Avenue, 214 feet more or less;  
Southwesterly in part on land now or formerly of said The Griffin Tobacco Company and in part on land now or formerly of said Thurston and Clark 2525 feet more or less;  
Southeasterly on land now or formerly of said Thurston and Clark, 11 feet;  
Southwesterly again on land now or formerly of said Thurston and Clark in a line 44 feet equi-distant southwesterly from said monumented center line, 210 feet more or less;  
Containing 4.05 acres more or less.