



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

September 11, 1997

Peter J. Tyrrell
Senior Counsel
Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, CT 06067-3900

Re: Southern New England Telephone (SNET) notice of intent to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut.

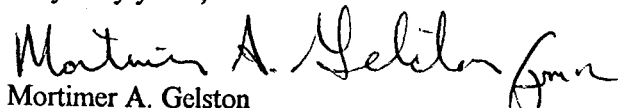
Dear Attorney Tyrrell:

At a public meeting held on September 10, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Norwalk, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notices dated August 20, and August 27 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this 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 No. 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/ss

c: Honorable Frank Esposito, Mayor, City of Norwalk



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

September 3, 1997

Honorable Frank Esposito
City Hall
125 East Avenue
P.O. Box 5125
Norwalk, CT 06856-5125

RE: Southern New England Telephone notice of intent to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut.

Dear Mayor Esposito:

On August 29, 1997, the Connecticut Siting Council (Council) received a request from Southern New England Telephone to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Wednesday, September 10, 1997, at 2:00 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this modification of an existing facility.

Thank you for your cooperation and consideration.

Very truly yours,

A handwritten signature in black ink, appearing to read "Joel M. Rinebold".

Joel M. Rinebold
Executive Director

JMR/ss

Enclosure: Notice of Intent



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

August 27, 1997

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

RECEIVED

AUG 29 1997

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston,

Enclosed is a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned by the Southern New England Telephone Company (SNET) on Willard Road in Norwalk, Connecticut.

The proposed modification can be generally described as the addition of four (4) whip antenna units, one GPS dish antenna, and associated base station equipment for PageNet, Inc. The top of the proposed antennas will be below the top of the existing free standing tower structure, including existing antennas. No changes will be made to either the tower structure, the fence surrounding the installation, or any of the existing structures on the site. The base station equipment will be housed inside the existing equipment room at the base of the tower.

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

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

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Peter J. Tyrrell". The signature is written in a cursive, flowing style.

Copies to:

Mayor Frank J. Esposito
City Hall
125 East Ave.
PO Box 5125
Norwalk, CT 06856-5125

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding one GPS Receive antenna, four (4) transmitting antenna units and associated equipment to be operated in the Public Mobile Radio Service as specified below, to an existing communications tower. These antennas and associated equipment will be owned, operated and maintained by PageNet, Inc (PageNet). The associated communications hardware will be located in SNET's equipment shelter located at the base of the tower. The site is located on 10 Willard road in Norwalk, Connecticut (C.S.C. site C377).

Background

The proposed modifications are at the site of a self-supporting 373 foot lattice communications tower. Both the shelter and the tower are owned and operated by SNET. The tower was formally used for SNET's microwave telecommunications network and is currently used by SNET Mobility, PageNet, Destineer, SNET's internal Mobile Radio System, with a CSC approved and a currently under construction installation by Sprint PCS, and a proposed installation by RAM Mobile Data USA.

Discussion

PageNet proposes to install up to ten (10) paging transmitters feeding eight (8) electrical antennas enclosed in four (4) whip style radomes, and one 1.2 meter (receive only) dish antenna. These four radomes contain two antennas of which the highest point at the tip of the antenna will be 311 feet above street level. The power density these antennas contribute at this site is tabulated below. The purpose of these antennas are to serve the paging requirements of the Norwalk area. The make and model number of the 900 MHz dual antennas are Antel BCD-87066-90, and the GPS antenna is a Channel Master receive only 1.2 meter dish . Transmit frequencies of operation will be in the 929-941 MHz paging band.

Below is a chart which represents the existing and proposed contributors to the power density from this site. The levels shown indicate the total power density in milliwatts per square centimeter at the tower base.

Operator	Power Density at Support Structure Base mW/cm ²	Antenna Height, ft	Maximum Permissible Exposure, CT/IEEE Standard	% of Standard
SNET Mobility	0.0047	280	0.5667	0.82%
Pagenet	0.0033	350	0.621	0.53%
SNET TMRS	0.002	350	0.313	0.64%
Sprint (under construction)	0.0084	240	1.305	0.64%
Destineer/SkyTel	0.007	355	0.621	1.12%
RAM Mobile Data (proposed previously)	0.0006	355	0.6267	0.098%
PageNet 900 MHz upper antennas (proposed)	0.0294	306	0.621	4.71%
PageNet 900 MHz lower antennas (proposed)	0.0306	300	0.621	4.9%
PageNet 1.2M dish (proposed)	0	20	N/A	0%
TOTALS, ALL USERS	0.0860	N/A	N/A	13.458%

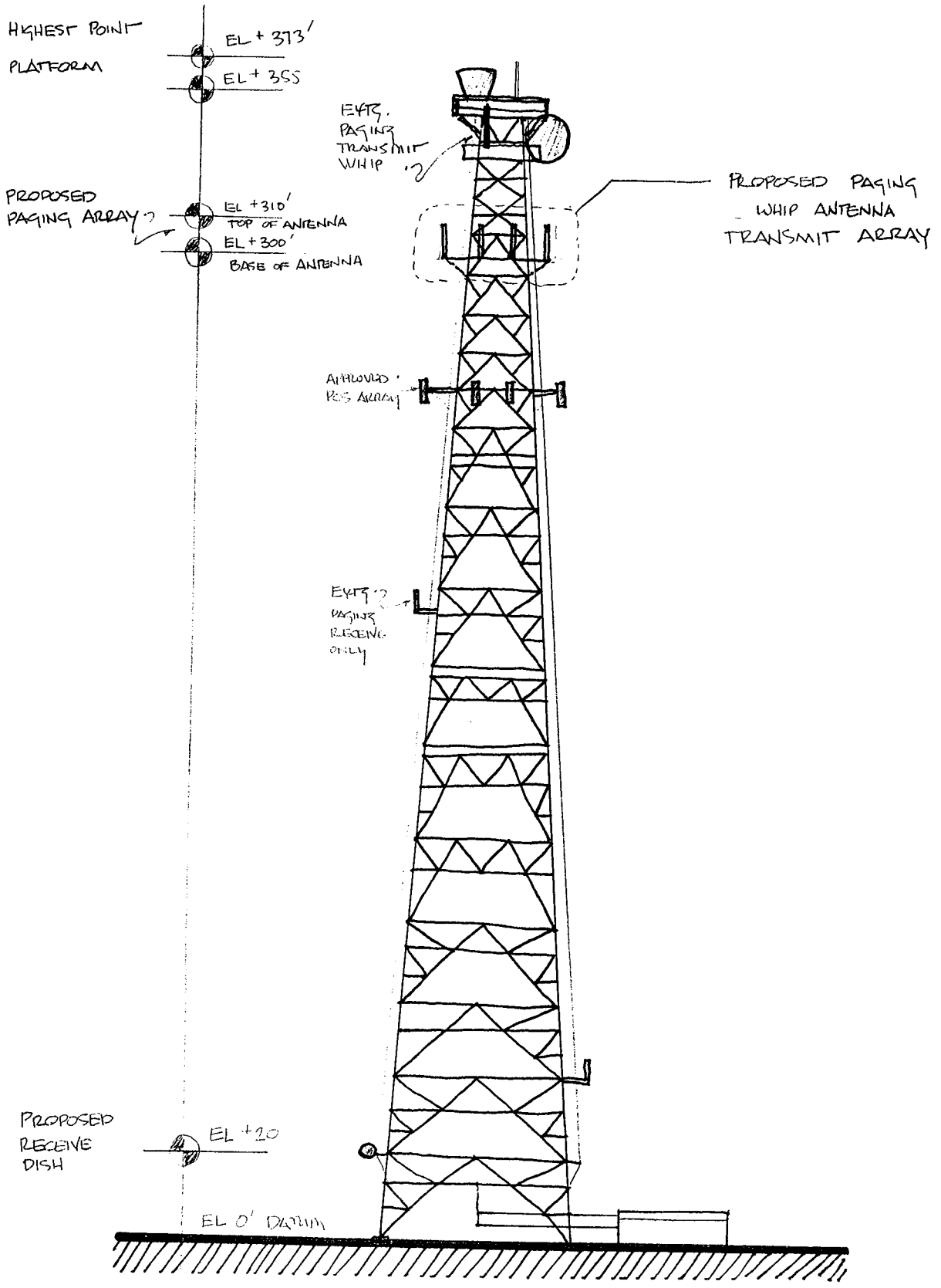
The current Connecticut (and IEEE/ANSI) power density level standards for non-ionizing radiation are shown above. The levels identified in this case are below the maximum permissible casual exposure standard, and have been calculated at the tower base, and this represents the maximum exposure for the operation of these facilities at the closest (or any) publicly accessible point. At this site, the tower base and the fence are close enough to consider the exposure the same at the property boundary and the tower base. A ground reflection coefficient of 1.6 was used for the proposed RAM power density calculation.

The installation of these six antenna units on this 373 foot structure does not present any structural issues.

Conclusion

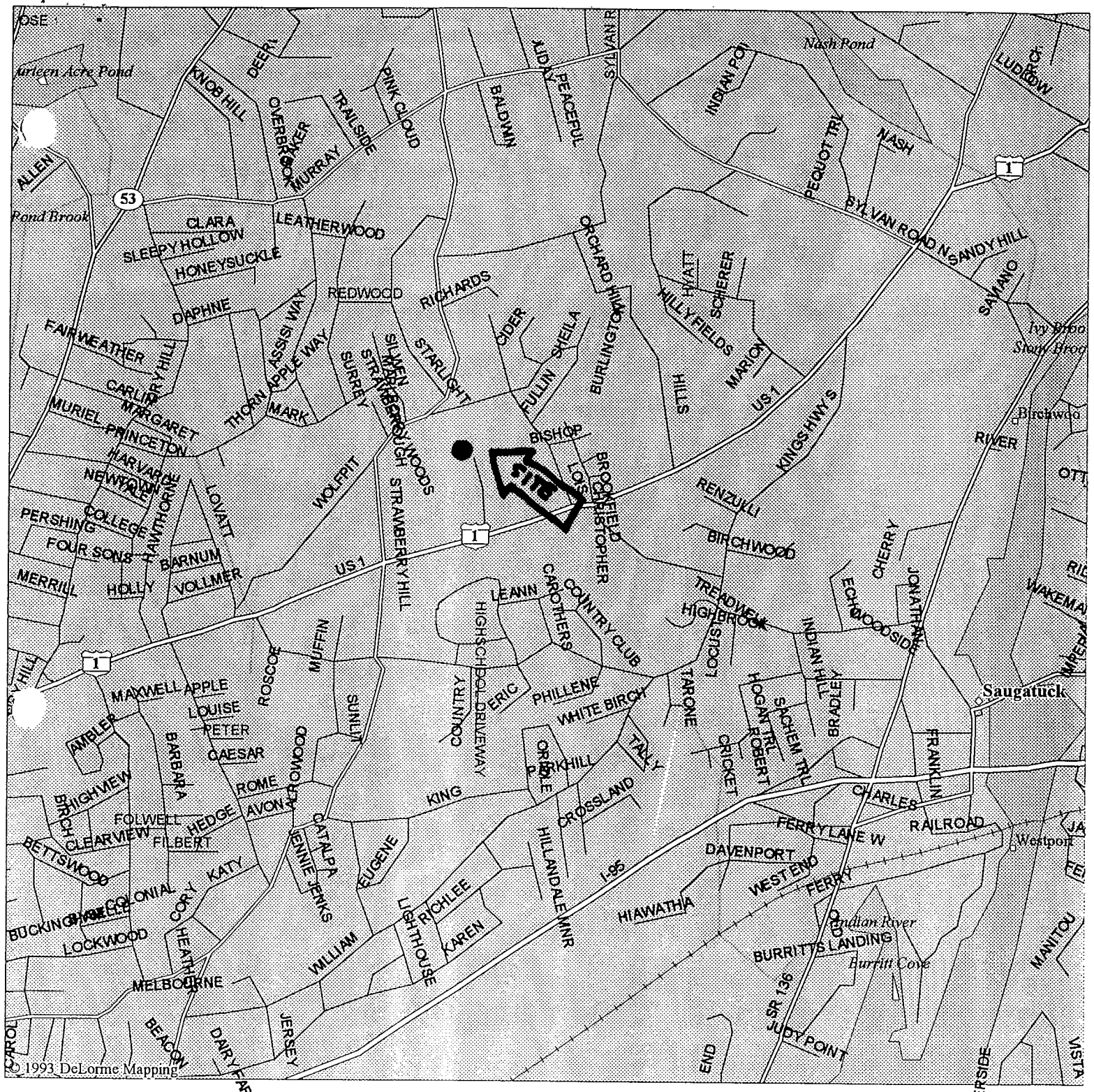
The proposed additions do not constitute a “modification” of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site’s boundary by six (6) 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 these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council’s exemption criteria.



WILLARD ROAD, NORWALK

3-13-97
NTS



- LEGEND**
- Population Center
 - State Route
 - Geo Feature
 - Town, Small City
 - US Highway
 - Street, Road
 - Hwy Ramps
 - Major Street/Road
 - State Route
 - Interstate Highway
 - US Highway
 - Railroad
 - River
 - Land Mass
 - Open Water

Scale 1:15,625 (at center)

1000 Feet

500 Meters

Mag 15.00

5/11/03 10:00:25 1000



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

August 26, 1997

Honorable Frank Esposito
City Hall
125 East Avenue
P.O. Box 5125
Norwalk, CT 06856-5125

RE: Southern New England Telephone notice of intent to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut.

Dear Mayor Esposito:

On August 20, 1997, the Connecticut Siting Council (Council) received a request from Southern New England Telephone to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Wednesday, September 10, 1997, at 2:00 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this modification of an existing facility.

Thank you for your cooperation and consideration.

Very truly yours,

A handwritten signature in black ink, appearing to read "Joel M. Rinebold".

Joel M. Rinebold
Executive Director

JMR/ss

Enclosure: Notice of Intent



Southern New England Telephone
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone (860) 513-7755
Peter J. Tyrrell
Senior Counsel

RECEIVED

AUG 20 1997

CONNECTICUT
SITING COUNCIL

August 20, 1997

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

Dear Chairman Gelston,

Enclosed is a Notice of Intent to Modify an Exempt tower and Associated Equipment for facilities owned by the Southern New England Telephone Company (SNET) on Willard Road in Norwalk, Connecticut.

The proposed modification can be generally described as the addition of one whip antenna (transmit and receive) and base station equipment for RAM Mobile Data USA. The top of the proposed antenna will be below the top of the existing free standing tower structure, including existing antennas. No changes will be made to either the tower structure, the fence surrounding the installation, or any of the existing structures on the site. The base station equipment will be housed inside the existing equipment room at the base of the tower.

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

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

Thank you in advance for your cooperation.

Sincerely,

Peter J. Tyrrell

Copies to:
Mayor Frank Esposito
City Hall
125 East Avenue
P.O. Box 5125
Norwalk, CT 06856-5125

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 Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding an antenna and associated equipment to be operated in the Specialized Mobile Radio Service as specified below to an existing communications tower. This antenna will be owned, operated and maintained by RAM Mobile Data, USA, LP, Inc. (RAM). The associated communications hardware will be located in SNET's equipment room located at the base of the tower. The site is located on 10 Willard road in Norwalk, Connecticut (C.S.C. site C377).

Background

The proposed modifications are at the site of a self-supporting 373 foot lattice communications tower. Both the structure and the tower are owned and operated by SNET. The tower was formally used for SNET's microwave telecommunications network. The tower is currently used by SNET Mobility, PageNet, Destineer, SNET's internal Mobile Radio System, with a CSC approved and a currently under construction installation by Sprint PCS.

Discussion

RAM proposes to install one (1) 11 foot omnidirectional transmitter whip type antenna, which highest point at the tip of the antenna measures 370 feet above street level. The power density this antenna contributes at this site is tabulated below. The purpose of this antenna is to serve the paging requirements of the Norwalk area. The make and model number of the antenna is an Antel BCD=87010, omnidirectional whip antenna. The frequencies of operation will be in the 900 MHz SMR band, base transmit between 935 and 940 MHz and base receive between 896 and 901 MHz.

Below is a chart which represents the existing and proposed contributors to the power density from this site. The levels shown indicate the total power density in milliwatts per square centimeter at the tower base.

Operator	Power Density at Support Structure Base mW/cm ²	Antenna Height, ft	Maximum Permissible Exposure, CT/IEEE Standard	% of Standard
SNET Mobility	0.0047	280	0.5667	0.82%
Pagenet	0.0033	350	0.621	0.53%
SNET TMRS	0.002	350	0.313	0.64%
Sprint (under construction)	0.0084	240	1.305	0.64%
Destineer/SkyTel	0.007	355	0.621	1.12%
RAM Mobile Data (proposed)	0.0006	355	0.6267	0.098%
TOTALS, ALL USERS	0.026	N/A	N/A	3.85%

The current Connecticut (and IEEE/ANSI) power density level standards for non-ionizing radiation are shown above. The levels identified in this case are well below the maximum permissible casual exposure standard, and have been calculated at the tower base, and this represents the maximum exposure for the operation of these facilities at the closest (or any) publicly accessible point. A ground reflection coefficient of 1.6 was used for the proposed RAM power density calculation.

Conclusion

The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) 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 these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

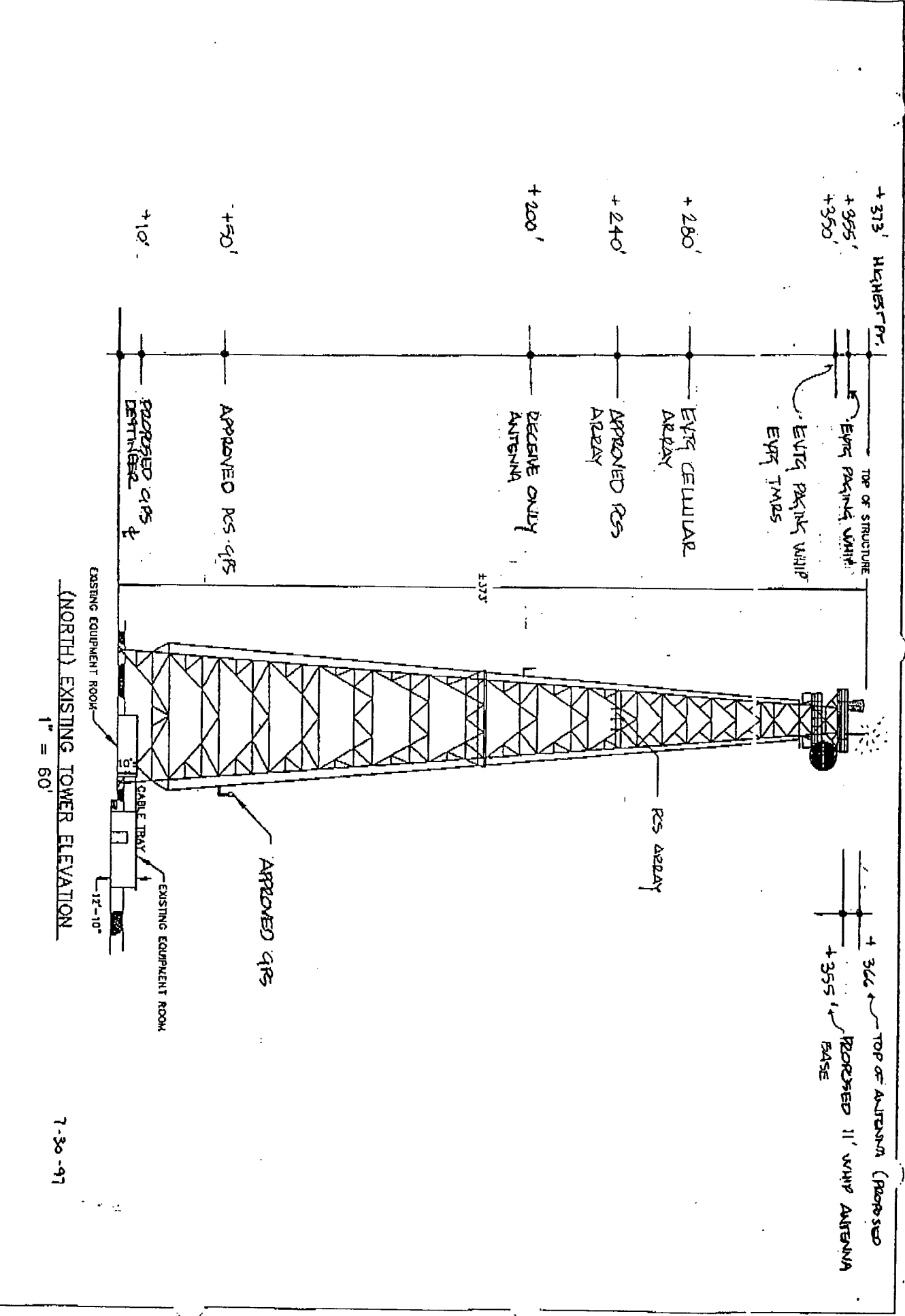
CHA
CLOUGH, HARBOUR & ASSOCIATES LLP
 100 WEST MAIN STREET, SUITE 200
 NORWALK, CT 06441
 (401) 426-1100

NORWALK AS-BUILTS
 THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY
 10 ROLLING ROAD
 NORWALK, CT 06441

HARTFORD, CT
 SITE NO. 000000077

NO.	DATE	DESCRIPTION	BY	CHKD.
1	7/30/97	ISSUED FOR PERMIT	TRC	TRC
2				
3				
4				
5				
6				
7				
8				
9				
10				

URGENT TECHNOLOGICAL ALLOWANCE
 SUP PROJECT
 NORTH ELEVATION
 7-30-97



(NORTH) EXISTING TOWER ELEVATION
 1" = 80'

CHA
CLOUGH, HARBOUR & ASSOCIATES LLP
 200 WEST MAIN STREET, SUITE 200
 NORWALK, CT 06851
 TEL: 203.841.1111

NORWALK
 THE SOUTH-COAST AND GILKARD TELEPHONE COMPANY
 10 WILLIAM BLVD
 NORWALK, CT 06851

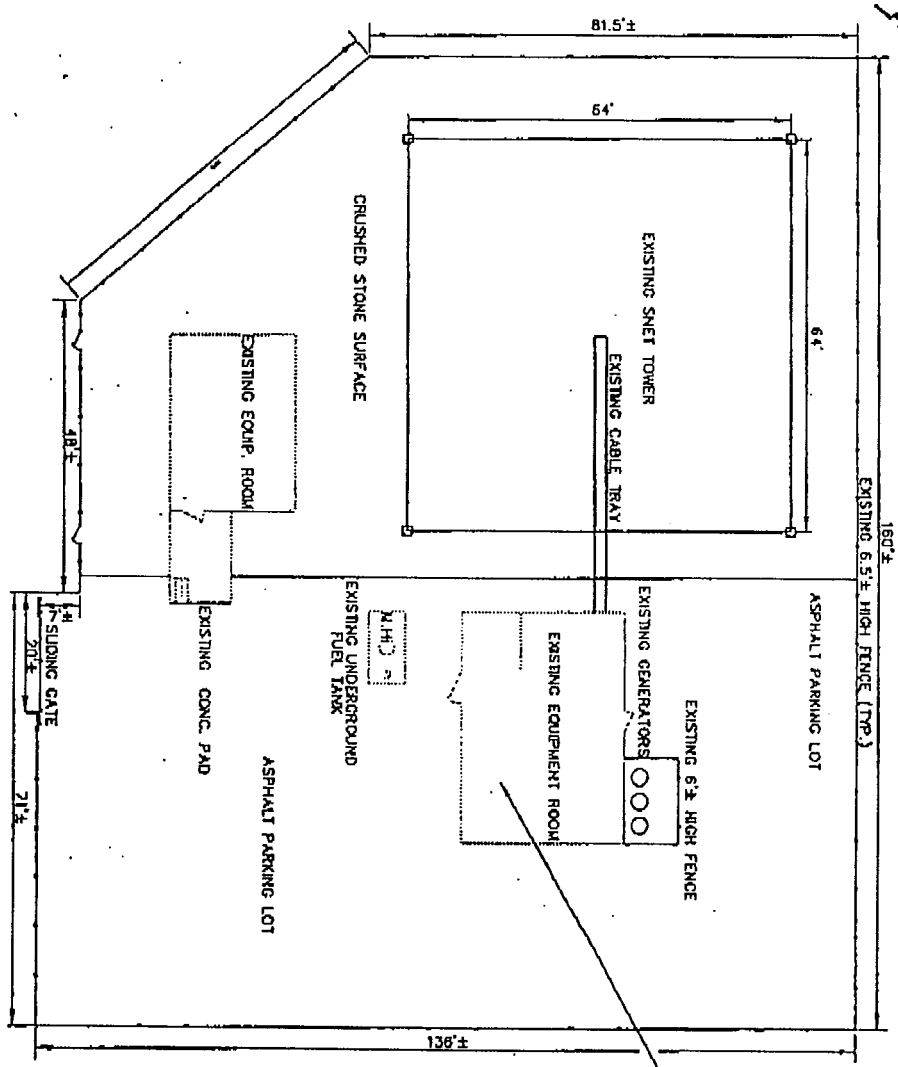
HARTFORD, CT
 SITE NO. 00000177

NO.	DATE	DESCRIPTION	BY	CHKD.
1	7-30-97	SITE PLAN	[Signature]	
2				
3				
4				
5				

LOCAL REGULATORY AGENCIES
 SDP PROJECT
 SITE PLAN
 23311
 0

EXISTING TOWER PLAN

1" = 30'



PROPOSED ERM EQUIPMENT ROOM WITHIN EXISTING EQUIPMENT ROOM

7-30-97

SITE NAME: NORWALK
SITE #: 377

PROJECT
LOCATION

