



RECEIVED

DEC 23 1998

CONNECTICUT  
SITING COUNCIL

SNET Mobility, Inc.  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7755  
Fax: (860) 513-7614

December 23, 1998

Peter J. Tyrrell  
General Counsel

Mr. Joel M. Rinebold  
Executive Director  
State of Connecticut  
Connecticut Siting Council

**Subject: OMNIPOINT COMMUNICATION NOTICE OF INTEREST  
TO MODIFY AN EXISTING TELECOMMUNICATION  
FACILITY LOCATED AT 555 MAIN STREET IN  
STAMFORD CONNECTICUT.**

- REF:**
- (1) Connecticut Siting Council Rulings Dated 4/13 and 4/14/98.
  - (2) Letter, Connecticut Siting Council to B. Hampton, Southern New England Telephone Real Estate, Dated 4/20/98, Requesting FAA Confirmation.
  - (3) Letter to Connecticut Siting Council dated 8/24/98, advising that the petition to the FAA for the omission of marking and lighting of the antenna had been filed.

Dear Mr. Rinebold:

This is to advise that the FAA has denied our request to omit marking and lighting of the antenna structure located on the building at 555 Main Street, Stamford, CT. The FAA's Determination, in respect to Aeronautical Study 98-ANE-463-OE, a copy of which is enclosed, is that the current marking and lighting requirements still apply.

The FAA has suggested that the structure would qualify for the alternative of lighting with dual lighting consisting of medium intensity flashing white lights on the top for day and twilight hours and flashing red lights at night. With this arrangement, the structure need not be marked (painted) the alternating orange and white. Any paint color/scheme would be acceptable.

The white lights would flash at the rate of 40 flashes per minute. The current red lights flash at the rate of 20-40 flashes per minute and would continue to do so in the dual lighting configuration but only at night.

The FAA would modify the Determination to specify dual lighting upon our petition. Our concern with the dual lighting is that the flashing white lights might pose an annoyance to those in surrounding buildings located at heights approximately even with the lights. In any event, because the structure is over 200ft tall, the FAA ruled that it must have lighting of some type, either strobe lighting configuration or the red light.

I hope this information is will be helpful to you in making a decision regarding this matter. Please advise if I can be of further assistance.

Sincerely,

A handwritten signature in blue ink that reads "Peter J. Tyrrell". The signature is written in a cursive style with a large initial "P" and "T".

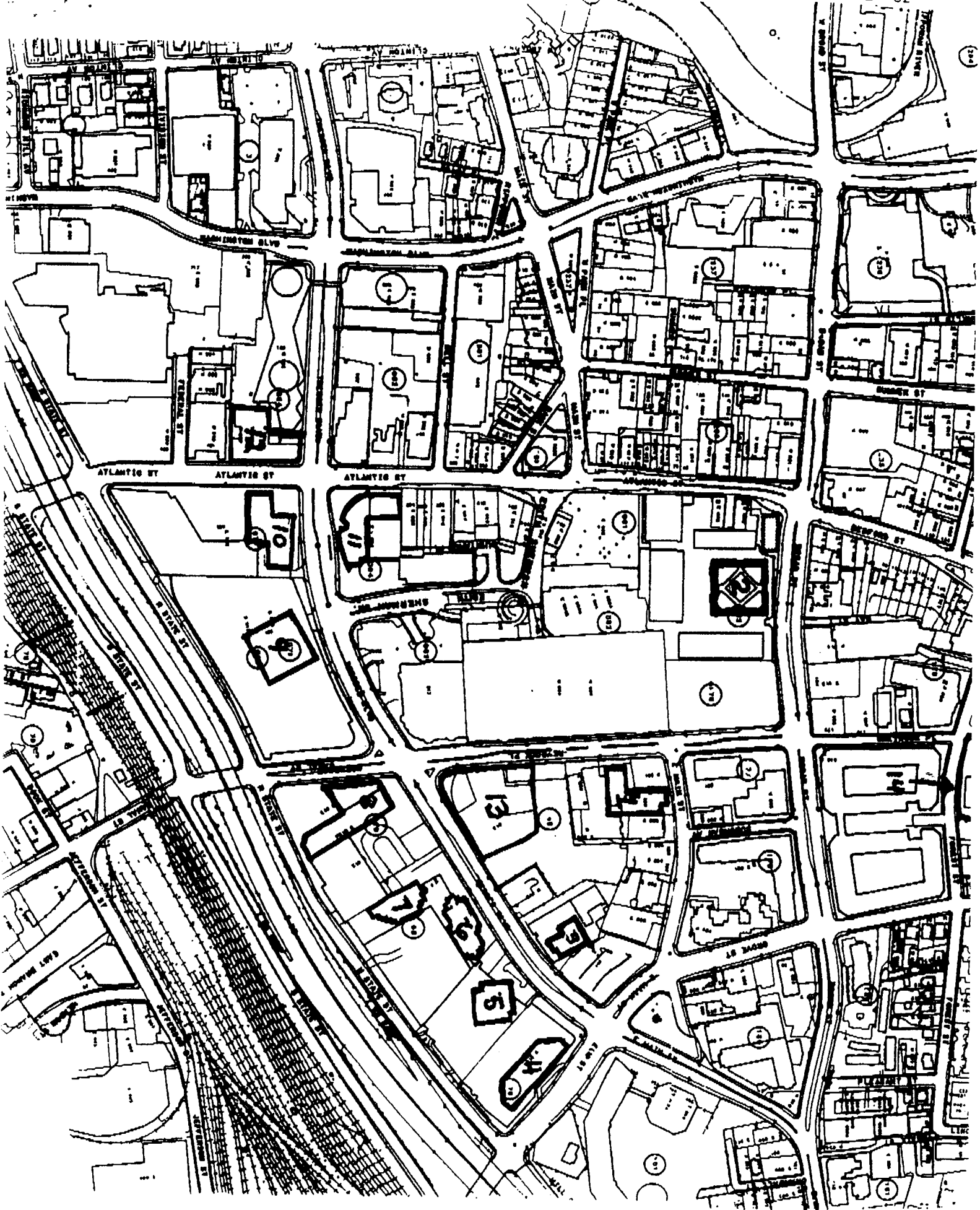
Peter J. Tyrrell

cc: Debbie Noble, Omnipoint Communications  
Frank Rodriguez, RCC Consultants, Inc  
Barbara Hampton, SNET Real Estate

TO: Bob Erling, Connecticut Siting Council  
 FROM: Norman F. Cole, Principal Planner, City of Stamford  
 RE: Building Heights near SNET TOWER @ 555 Main Street  
 DATE: April 7, 1998

The following tabulation and attached map illustrate existing and planned building heights in the immediate vicinity of the SNET tower at 555 Main Street.

<u>Site #</u>	<u>Owner/Name</u>	<u>Building Height (NGVD)</u>	<u>Distance to SNET</u>
1	SNET	252' (without Horn)	n/a
2	Landmark	320'	700'
3	New Hope Towers	240'	450'
4	10 Stamford Forum	222'	850'
5	8 Stamford Forum	238'	700'
6	6 Stamford Forum	225'	600'
7	4 Stamford Forum	225'	700'
8	2 Stamford Forum (Marriot Hotel)	216'	900'
9	GTE	228'	1,100'
10	Champion	222'	1,300'
11	300 Atlantic	200'	1,200'
12	Gerald Hines (approved site plan)	317'	1,600'
13	Parcel 38 Site (proposed 400'+)	300'+ (no plans)	200'
14	Burdick School Site (approved site plan)	193'	1,200'





500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7755  
Fax: (860) 513-7614

**Springwich Cellular Limited Partnership**

**RECEIVED**

**Peter J. Tyrrell**  
General Counsel

August 24, 1998

AUG 28 1998

CONNECTICUT  
SITING COUNCIL

Mr. Joel M. Rinebold  
Executive Director  
State of Connecticut  
Connecticut Siting Council

**SUBJECT: OMNIPOINT COMMUNICATIONS NOTICE OF INTEREST TO  
MODIFY AN EXISTING TELECOMMUNICATIONS FACILITY  
LOCATED AT 555 MAIN STREET IN STAMFORD,  
CONNECTICUT.**

**REF.: (1) Connecticut Siting Council Rulings Dated 4/13 and 4/14/98.  
(2) Letter, Connecticut Siting Council to B. Hampton, Southern  
New England Telephone Real Estate, Dated 4/20/98,  
Requesting FAA Filing Confirmation.**

Dear Mr. Rinebold:

This is to advise that by submission (FAA7460-1 w/ showings) dated July 30, 1998, filed July 31, 1998, SNET Real Estate, Inc. petitioned the Federal Aviation Administration (FAA) for omission of marking and lighting of the antenna structure located on the building at 555 Main Street, Stamford, CT.

The FAA estimates that it will respond in 60-90 days.

Sincerely yours,

  
Peter J. Tyrrell

PJT/cj

cc: Sharon Burrows, Omnipoint Communications  
Francis Rodriguez, RCC Consultants, Inc.  
Barbara Hampton, SNET Real Estate



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

April 20, 1998

Ms. Barbara Hampton  
Southern New England Telephone  
Real Estate  
4 Hamilton Street, 2nd Floor  
New Haven, CT 06511

Re: Omnipoint Communications notice of intent to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut.

Dear Ms. Hampton:

As required by the Connecticut Siting Council's (Council) attached rulings dated April 13, 1998, and April 14, 1998, the Council hereby requests:

1. Confirmation of a request to the Federal Aviation Administration (FAA) to remove aviation beacons and repaint the existing tower to a solid neutral color;
2. A schedule when a FAA determination can be expected; and
3. Schedules, once available and if so authorized by the FAA, to remove aviation beacons and repaint the tower.

Please call me if any additional explanation is necessary for you to respond to this request.

Thank you for your cooperation and attention.

Very truly yours,

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

Joel M. Rinebold  
Executive Director

Enclosures (2)

CC: Honorable Dannel P. Malloy, Mayor, City of Stamford  
Norman F. Cole, Principal Planner, City of Stamford  
Sharon Burrows, Project Director, Omnipoint Communications  
Peter J. Tyrrell, Senior Counsel, Springwiche Cellular L.P.  
Judy Owens, Southern New England Telephone Real Estate



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

April 13, 1998

Sharon Burrows  
Omnipoint Communications  
25 Van Zant Street, Suite 18E  
Norwalk, CT 06855

Re: Omnipoint Communications notice of intent to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut.

Dear Ms. Burrows:

At a public meeting held on April 9, 1998, the Connecticut Siting Council (Council) acknowledged Omnipoint Communications (Omnipoint) notice to modify this existing telecommunications facility in Stamford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with conditions for removal of the unused horn antenna; matching the color of the proposed panel antennas with the tower; removal of aviation beacons as soon as possible, consistent with Federal Aviation Administration (FAA) approval; and repainting the tower to a solid neutral color, consistent with FAA approval, when such scheduled repainting is necessary, but no later than 10 years from the time of such FAA approval.

The proposed modifications as conditioned are to be implemented as specified here and in your notice dated March 12, 1998, and additional information submitted April 8, 1998. The modifications as conditioned 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/sg

c: Honorable Dannel P. Malloy, Mayor, City of Stamford  
Norman F. Cole, Principal Planner, City of Stamford  
Peter J. Tyrrell, Senior Counsel, Springwich Cellular Ltd. Partnership



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

April 14, 1998

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

Re: Omnipoint Communications notice of intent to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on April 9, 1998, the Connecticut Siting Council (Council) acknowledged Omnipoint Communications (Omnipoint) notice to modify this existing telecommunications facility in Stamford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with conditions for removal of the unused horn antenna; matching the color of the proposed panel antennas with the tower; removal of aviation beacons as soon as possible, consistent with Federal Aviation Administration (FAA) approval; and repainting the tower to a solid neutral color, consistent with FAA approval, when such scheduled repainting is necessary, but no later than 10 years from the time of such FAA approval.

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Mortimer A. Gelston  
Chairman

MAG/RKE/sg

c: Honorable Dannel P. Malloy, Mayor, City of Stamford  
Norman F. Cole, Principal Planner, City of Stamford  
Sharon Burrows, Omnipoint Communications





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DEC 23 1998

SNET Mobility, Inc.  
500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7755  
Fax: (860) 513-7614

December 23, 1998

**CONNECTICUT  
SITING COUNCIL**

**Peter J. Tyrrell**  
*General Counsel*

Mr. Joel M. Rinebold  
Executive Director  
State of Connecticut  
Connecticut Siting Council

**Subject: OMNIPOINT COMMUNICATION NOTICE OF INTEREST  
TO MODIFY AN EXISTING TELECOMMUNICATION  
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I hope this information is will be helpful to you in making a decision regarding this matter. Please advise if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Peter J. Tyrrell". The signature is written in black ink and is positioned above the printed name.

Peter J. Tyrrell

cc: Debbie Noble, Omnipoint Communications  
Frank Rodriguez, RCC Consultants, Inc  
Barbara Hampton, SNET Real Estate



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

April 14, 1998

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

Re: Omnipoint Communications notice of intent to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on April 9, 1998, the Connecticut Siting Council (Council) acknowledged Omnipoint Communications (Omnipoint) notice to modify this existing telecommunications facility in Stamford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with conditions for removal of the unused horn antenna; matching the color of the proposed panel antennas with the tower; removal of aviation beacons as soon as possible, consistent with Federal Aviation Administration (FAA) approval; and repainting the tower to a solid neutral color, consistent with FAA approval, when such scheduled repainting is necessary, but no later than 10 years from the time of such FAA approval.

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Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston  
Chairman

MAG/RKE/sg

c: Honorable Dannel P. Malloy, Mayor, City of Stamford  
Norman F. Cole, Principal Planner, City of Stamford  
Sharon Burrows, Omnipoint Communications

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APR 09 1998

Fax to Joel Reinbold  
1 page

Joel,

CONNECTICUT  
SITING COUNCIL

Many thanks for your help on figuring out what this tower does and what possible concerns I might consider. I have visited it twice since we spoke. Please let me know if you have any questions based on this summary of my observations.

To an observer, the tower appears to be on the property of Cytec (formerly American Cyanamid), which is a large industrial property at 1937 West Main Street (Route 1) in Stamford. When I called Cytec, they told me the tower is AT&T's; I wonder if AT&T leases the tower or owns just the tower while Cytec owns the property underneath.

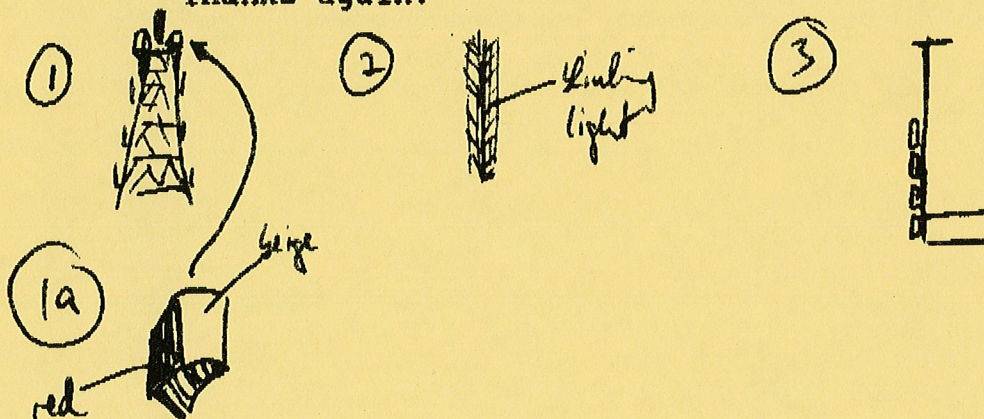
The tower is a large lattice-work structure, larger on the bottom, without any supporting cables. I found it very difficult to estimate its height; the first time I looked, I came up with a range of 350' to 600'; the second time, about 200' to 300'. On the top, there are four pieces that look like a huge version of a speaker that you might have for your stereo. On the front of these, there is beige or grey material that looks like it might be flexible metal or screening; on the sides, more solid-looking metal, painted red. These "speakers" point slightly downward.

Extending from the top is a piece that looks like an antenna, with a main pole in the middle and a structure of smaller poles arranged around it. There is a blinking light in the middle.

Vertical poles (more antennae?) are arranged around the tower, held by about two horizontal supports each. I saw about nine of these from my vantage point today. Near the top, in fact just under the "speakers," were large vertical poles with four box-like devices on each.

My rough guess is that the tower is about 1/4 mile from the school we are thinking about sending our daughter to.

Thanks again.



MAYOR  
DANNEL P. MALLOY



DIRECTOR OF OPERATIONS  
PATRICIA L. BROOM

ROBERT M. STEIN, JR., A.I.C.P.  
LAND USE BUREAU CHIEF  
Tel: (203) 977-4711

NORMAN F. COLE, A.I.C.P.  
PRINCIPAL PLANNER  
Tel: (203) 977-4719

JAMES J. LUNNEY III, R.A.  
LAND USE ADMINISTRATIVE OFFICER  
ZONING ENFORCEMENT OFFICER  
Tel: (203) 977-5943

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APR 06 1998

CONNECTICUT  
SITING COUNCIL

CITY OF STAMFORD

ZONING BOARD

LAND USE BUREAU

888 WASHINGTON BOULEVARD  
P.O. BOX 10152  
STAMFORD, CT 06904-2152

April 3, 1998

Joel M. Rinebold  
Executive Director  
Connecticut Siting Council  
10 Franklin Street  
New Britain, CT 06051

RE: Omnipoint, antenna installation at 555 Main Street, Stamford, CT

Dear Mr. Rinebold:

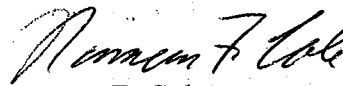
Thank you for providing the City of Stamford with the additional information requested regarding mounting of the antennas. The drawings reflect that the antennas will be attached to an existing platform at elevation 113 feet above the roof.

We are pleased to note that the abandoned microwave "horn" antenna will be removed. Painting the antennas to match the existing tower is logical, but misses the point. Based on existing and planned building heights surrounding the tower, there is no reason to maintain the red and white painting scheme and marker beacon. We would continue to urge that this issue be fully explored with the FAA.

The City of Stamford requests that the Siting Council condition approval of the Omnipoint application with a requirement that the tower be repainted and the beacon removed, subject to approval by the FAA. We would like to be included in any discussions with the FAA and will readily provide information in support of our position.

Thank you for the opportunity to comment.

Sincerely,

  
Norman F. Cole  
Principal Planner  
City of Stamford, CT

TO: Bob Erling, Connecticut Siting Council  
 FROM: Norman F. Cole, Principal Planner, City of Stamford  
 RE: Building Heights near SNET TOWER @ 555 Main Street  
 DATE: April 7, 1998

The following tabulation and attached map illustrate existing and planned building heights in the immediate vicinity of the SNET tower at 555 Main Street.

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item # 1

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APR 01 1998

CONNECTICUT  
SITING COUNCIL

April 1, 1998

Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06501  
Attention: Bob Erling

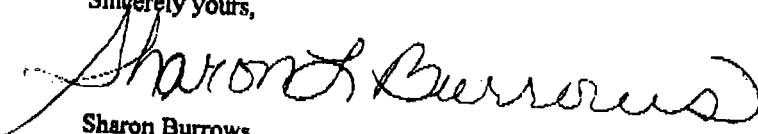
Dear Mr. Erling:

Below are the responses to the questions regarding Omnipoint's application for an exempt modification the SNET tower located at 555 Main Street, Stamford, Connecticut. If you require any further clarification, please contact me at (203) 858-7188 mobile number.

- 1) The SNET tower is painted red and white per FAA regulations. These colors can not be modified.
- 2) Omnipoint will be removing the existing horn located at 141'-4" (LE-3 depicts this antenna).
- 3) Omnipoint will paint the antenna to match the color of the portion of the tower at which they are attached.

It should be noted that Omnipoint's proposed installation meets the criteria for an exempt modification and while Omnipoint is willing to cooperate fully to meet the requirements of that application, item #1 is not within Omnipoint's control.

Sincerely yours,



Sharon Burrows  
Regional Director - CRA  
Omnipoint Communications



Omnipoint  
Communications

25 Van Zant Street, 4th Floor Suite 18E,  
E. Norwalk, CT 06855-1713

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FAX

MAR 31 1998

CONNECTICUT  
SITING COUNCIL

Date: 03/31/98  
 Number of pages including cover sheet: 9

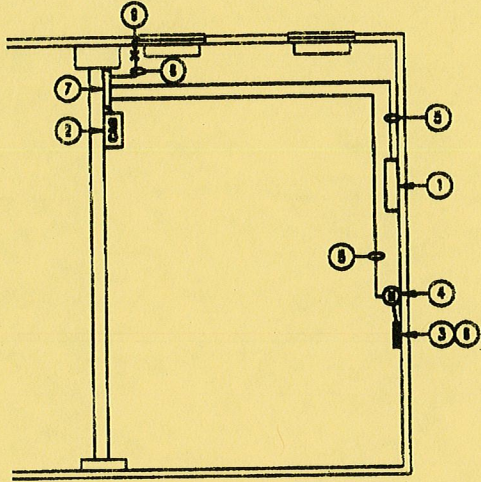
To: Bob Erhling  
CSC  
 Phone: \_\_\_\_\_  
 Fax phone: 860-827-2950  
 CC: \_\_\_\_\_

From: Det Noble  
 Phone: (203) 855-5418  
 Fax phone: (203) 855-5474

REMARKS:  Urgent  For your review  Reply ASAP  Please comment

As discussed w/ Sharon Burrows  
 Attached please find the  
 construction drawings for  
 555 Main St, Stamford, CT.  
 our # (CT 500) CT 410.  
 If I can be of any further  
 assistance do not hesitate  
 to contact me.  
 Det Noble

This Drawing Is The Property Of DLB Associates, Consulting Engineers P.C. - Last Saved: N:\234\23463SK1.DWG, 03/13/98 at 13:46 by DWaldron



KEY NOTES (Symbols ①, ②, Etc.)

1. Existing Telco Demarcation Point.
2. Nortel S8000 Cabinet.
3. Proposed Owner's Power Panel. 208Y/120V, 3 Phase, 4W.
4. Provide New Emon Digital Check Meter And Mount Next To Owners Panel.
5. New Electric Feeder Routed Above The Ceiling Unless Otherwise Noted. Provide A 1" Conduit With 3#8 & 1#10G. From The New Panel To The Cabinet. Approximate Distance = 35'.
6. Use New Owner's Power Panel. Provide (1) 50A, 240V, 2 Pole, 1 Phase Circuit Breaker. Note: Panel Must Be Verified By Engineer Prior To Installation.
7. Wall-Mounted Electric Backboard.
8. 1#2/0 Stranded Insulated Copper Ground. From The Master Ground Bar To The Grounding Point. Approximate Distance = 15'.
9. Attach To Building Ground System.

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MAR 31 1998

CONNECTICUT  
SITING COUNCIL

LEGEND

- E — Existing Electric
- NE — New Electric
- T — Existing Telephone
- NT — New Telephone
- NE --- New Underground Electric
- NT --- New Underground Telephone

FIFTH FLOOR PLAN

SCALE:  
NONE



LE-E1  
01



670 North Bears Street, Building 2, Holmdel, NJ 07733  
Tel: 732.739.3200 Fax: 732.739.0440

Drawing Title  
**SERVICE PLAN**



Project **SNET LANDLINE TOWER**

Address **555 MAIN STREET  
STAMFORD, CT**

Approved By \_\_\_\_\_ DATE: \_\_\_\_\_

PROJ. MGR: \_\_\_\_\_ DATE: \_\_\_\_\_

R.F. ENGR: \_\_\_\_\_ DATE: \_\_\_\_\_

SAC: \_\_\_\_\_ DATE: \_\_\_\_\_

OWNER: \_\_\_\_\_ DATE: \_\_\_\_\_

Revision No. \_\_\_\_\_ Date \_\_\_\_\_

Drawing No. \_\_\_\_\_

LE-E1

Search Area **SNET/LL-STAMFORD**  
File ID No. **CT-11-410-A**

P.O. **GM**

P.O. **GM**

Plot No. **U**

Project No. **A96.606.605A**

Drawn **JW**

Date **2/17/98**

MAYOR  
DANNEL P. MALLOY

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MAR 31 1998

CONNECTICUT  
SITING COUNCIL



CITY OF STAMFORD  
ZONING BOARD  
LAND USE BUREAU

888 WASHINGTON BOULEVARD  
P.O. BOX 10152  
STAMFORD, CT 06904-2152

DIRECTOR OF OPERATIONS  
PATRICIA L. BROOM

ROBERT M. STEIN, JR., A.I.C.P.  
LAND USE BUREAU CHIEF  
Tel: (203) 977-4711

NORMAN F. COLE, A.I.C.P.  
PRINCIPAL PLANNER  
Tel: (203) 977-4719

JAMES J. LUNNEY III, R.A.  
LAND USE ADMINISTRATIVE OFFICER  
ZONING ENFORCEMENT OFFICER  
Tel: (203) 977-5943

March 30, 1998

Joel M. Rinebold  
Executive Director  
Connecticut Siting Council  
10 Franklin Street  
New Britain, CT 06051

RE: Omnipoint, antenna installation at 555 Main Street, Stamford, CT

Dear Mr. Rinebold:

On March 27, 1998, I requested on behalf of the City of Stamford, additional detailed information regarding the above proposed Omnipoint antenna installation.

I reserve the right to comment upon receipt of this information. However, I would like to submit the following request into the record of this application.

Based on the list of existing and proposed providers using the SNET tower at 555 Main Street, it appears that the original use of the tower by SNET has been abandoned and that the tower is being recycled as a wireless communications site. The City of Stamford has adopted zoning regulations encouraging such wireless antenna installations on existing buildings, but strongly discourages the use of support towers in the downtown where there is an abundance of suitable buildings.

Accordingly, if the Siting Council considers approving expanded use of this tower for wireless antennas, the City of Stamford would recommend that SNET be required to mitigate the extreme visual impact of the current tower. The following actions are recommended:

- 1) Remove the unused "Horn Antenna" and any other unused antennas and equipment mounted on the tower;
- 2) Investigate whether FAA regulations would permit the red and white tower to be painted a neutral color. The tower is more than fifty feet lower than the nearby Landmark Tower, and presents no risk to air traffic operations. If a waiver or exception provision is available from any FAA standards, SNET should be required to seek such an exception;
- 3) Investigate whether the beacon on the tower is mandated by the FAA, and remove it if possible.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in black ink that reads "Norman F. Cole". The signature is written in a cursive style with a large, prominent initial 'N'.

Norman F. Cole  
Principal Planner  
City of Stamford, CT

omnipt.doc

MAYOR  
DANNEL P. MALLOY

RECEIVED

MAR 30 1998

CONNECTICUT  
SITING COUNCIL



CITY OF STAMFORD  
ZONING BOARD  
LAND USE BUREAU

888 WASHINGTON BOULEVARD  
P.O. BOX 10152  
STAMFORD, CT 06904-2152

DIRECTOR OF OPERATIONS  
PATRICIA L. BROOM

ROBERT M. STEIN, JR., A.I.C.P.  
LAND USE BUREAU CHIEF  
Tel: (203) 977-4711

NORMAN F. COLE, A.I.C.P.  
PRINCIPAL PLANNER  
Tel: (203) 977-4719

JAMES J. LUNNEY III, R.A.  
LAND USE ADMINISTRATIVE OFFICER  
ZONING ENFORCEMENT OFFICER  
Tel: (203) 977-5943

March 27, 1998

Joel M. Rinebold  
Executive Director  
Connecticut Siting Council  
10 Franklin Street  
New Britain, CT 06051

RE: Omnipoint, antenna installation at 555 Main Street, Stamford, CT

Dear Mr. Rinebold:

I am in receipt of your office's notification dated March 18, 1998 regarding the above captioned Omnipoint antenna installation.

I would like to request more details regarding the design of the antenna installation - in particular a scaled plan view and section of the antenna mounting. This downtown location is highly visible, and we need more information in order to judge the visual impact of the installation.

Thank you for your assistance.

Sincerely,

Norman F. Cole  
Principal Planner  
City of Stamford, CT



Communication Structures Engineering, Inc.

March 20, 1998

Mr. Dave Weinpahl  
Arcnet Architects, Inc.  
670 North Beers Street, Bldg. #2  
Holmdel, NJ 07733

RECEIVED

APR 08 1998

CONNECTICUT  
SITING COUNCIL

Re: Structural Analysis  
SNET Stamford, CT Tower at  
555 Main Street, Stamford, CT for  
Omnipoint Communications' Antenna Additions

Dear Mr. Weinpahl,

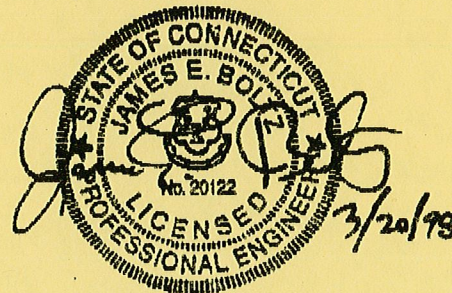
Communication Structures Engineering, Inc. has completed a review of the existing SNET 125-ft. Type 'K' tower located on the roof of the SNET 555 Main ST. Building in Stamford, CT. In accordance with Arcnet's request, we performed a structural analysis of this tower to check its capability to support the existing tower, antenna and equipment loads as well as the new loads from Omnipoint's proposed panel antennas, antenna mounts, and transmission line additions. Our review considered all of the existing antennas that are presently on the tower except for the one KS15676 horn antenna that is indicated on our drawings to be removed. Our firm has designed several modifications to AT&T's Type 'K' towers since 1983, consequently we were able to find and utilize design & detail drawings from our records that matched the existing tower at this site. This Stamford tower has received some previous leg strengthening that we also included in our analysis.

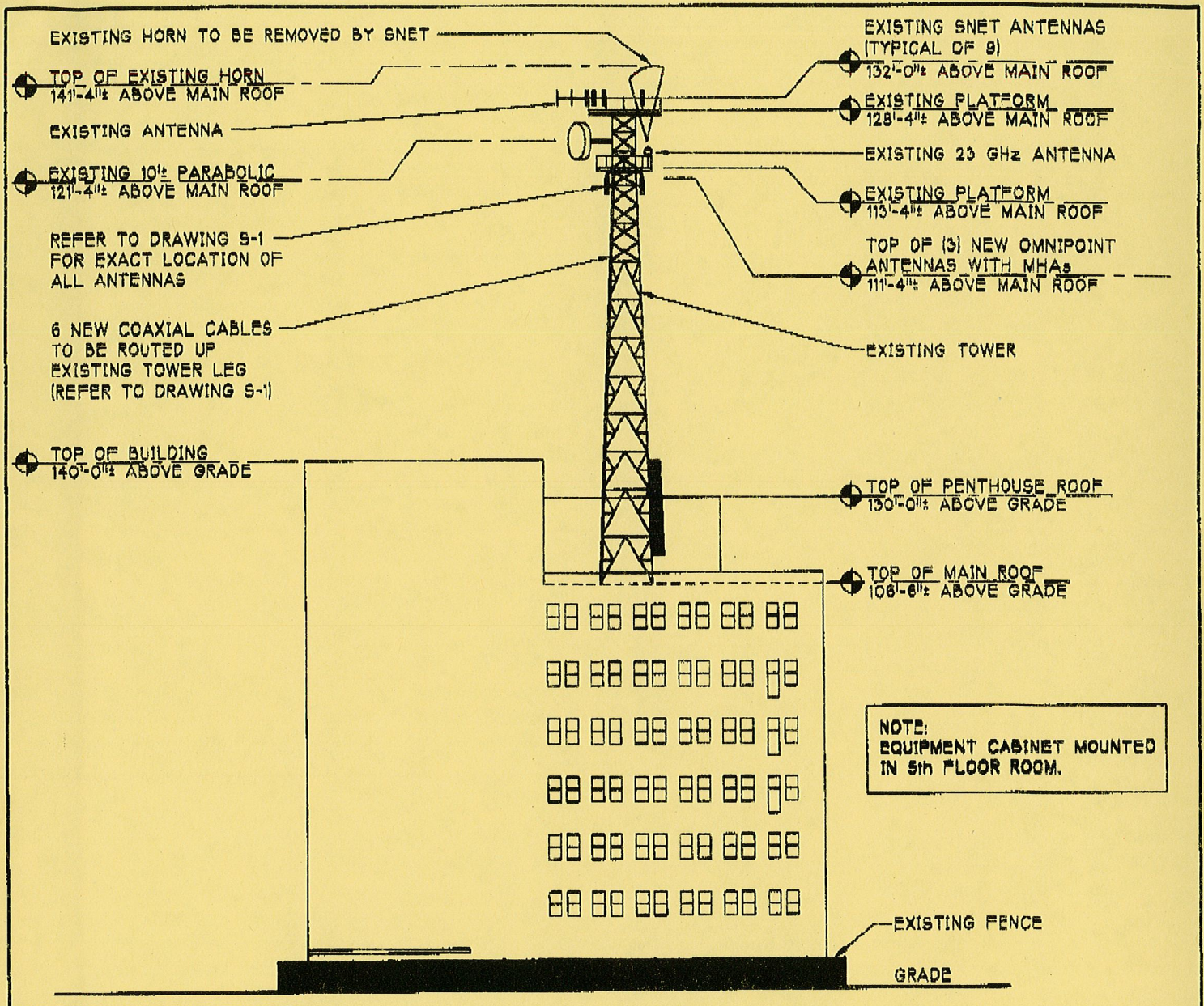
CSEI's structural analysis utilized the structural loads prescribed by ANSI/TIA/EIA-222-F "Structural Standards for Antenna Supporting Structures". The load carrying frame members of this structure were reviewed to check their compliance with the AISC 1989 ASD "Specification for Structural Steel Buildings". All of the existing tower members had maximum stress levels that were less than the allowable stresses permitted by the AISC Specification. Consequently, we have concluded that this tower is capable of supporting the existing antennas (other than the horn antenna which will be removed), as well as the addition of Omnipoint's three new EMS RR90-17 panel antennas with amplifiers, six runs of 1-5/8" diameter (or smaller) coaxial cable, and associated equipment. If Omnipoint or any other carriers mount any additional equipment on this tower, this structure should be re-analyzed.

I hope that this information is sufficient for your present needs. We will be happy to supply you with additional information as required.

Sincerely,

*James E. Boltz*  
James E. Boltz, P.E.





ROBERT P. JUENGERT

1 SOUTH ELEVATION  
A-3 1" = 40'

CT-4208

<p>670 North Beers Street, Building 2, Holmdel, NJ 07733 Tel: 732.739.3200 Fax: 732.739.0440</p>		Drawing Title: <b>ELEVATION</b>		Project: <b>SNET LANDLINE TOWER</b> Address: <b>565 MAIN STREET STAMFORD, CT.</b>		Approved by: PROJ. MGR: _____ DATE: _____ R.F. ENGR: _____ DATE: _____ SAC: _____ DATE: _____ OWNER: _____ DATE: _____	
Search Area: SNET/LL-STAMFORD Site ID No: CT-11-410-A		Client:		ARCNET Project No: <b>A-96.508.605A</b>		Drawn: <b>DCG</b> Date: <b>2/4/98</b>	
P.E.: <b>GMG</b>		P.O. Check: _____ Check by: _____		Revision No. _____ Date: _____		Drawing No. <b>A-3</b>	

*File Copy*

Stanford *orig. + 2 to FAA  
01 to Conn. Dept. of Aeron.*

Form approved: Bureau of Budget No. 04-2001-1

FEDERAL AVIATION AGENCY  NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION  PART 626, REGULATIONS OF THE ADMINISTRATOR	NAME OF INDIVIDUAL, COMPANY, CORPORATION, ETC., PROPOSING CONSTRUCTION OR ALTERATION DESCRIBED BELOW <b>The Southern New England Telephone Company</b>  ADDRESS (Number, Street, City, Zone, State) <b>227 Church Street                  New Haven, 6, Connecticut</b>
---	---

**A. TYPE OF STRUCTURE**

1. CHECK APPLICABLE ITEM

- NEW CONSTRUCTION    
  ALTERATION (Change in height only)    
  PERMANENT    
  TEMPORARY

2. NATURE AND COMPLETE DESCRIPTION

It is proposed to construct a 120' steel tower on the roof of the telephone building at 555 Main St. in Stamford. The tower will be used for microwave radio transmission and will mount an 8' x 12' reflector.

The roof of the building is 100' above ground level.

**B. LOCATION OF STRUCTURE (Submit a map or sketch)**

1. LATITUDE <b>41° 03' 14"</b> <small>(To nearest second)</small>	2. LONGITUDE <b>73° 32' 09"</b>	3. NEAREST CITY OR TOWN, AND STATE <b>Stamford, Connecticut</b>	4. RELATION TO NEAREST TOWN OR CITY	
			DIRECTION <b>Within City</b>	DISTANCE <b>0 miles</b>
5. NAME OF NEAREST LANDING AREA <b>Stamford Seaplane Base</b>			6. RELATION TO NEAREST BOUNDARY OF LANDING AREA	
			DIRECTION <b>SE</b>	DISTANCE <b>1 mile</b>

7. PROVIDE THE LAND RECORDER'S MAP DESCRIPTION AND/OR LEGAL DESCRIPTION BY METES AND BOUNDS OF PROPERTY ON WHICH STRUCTURE WILL BE OR IS LOCATED (If more space is necessary, use reverse side or continue on a separate sheet of paper and attach to this notice.)

See attached description, plot plan and map.

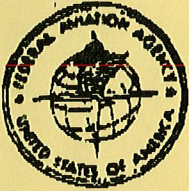
8. DATE WORK WILL BE STARTED <b>Spring 1963</b>	9. DATE WORK WILL BE COMPLETED <b>Summer 1963</b>	10. OVERALL HEIGHT (IN FEET) OF COMPLETED STRUCTURE ABOVE		
		A. GROUND LEVEL <b>220'</b>	B. MEAN WATER LEVEL (IF SO SITUATED)	C. MEAN SEA LEVEL <b>260'</b>

11. CHECK WHETHER COMPLETED STRUCTURE WILL BE	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION <i>As required</i>		
B. PAINTED AS SPECIFIED IN OBSTRUCTION MARKING MANUAL		
C. LIGHTED AS SPECIFIED IN OBSTRUCTION MARKING MANUAL		

**C. CERTIFICATION:** I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge.

DATE <b>Jan. 31, 1962</b>	SIGNATURE OF PERSON MAKING CERTIFICATION <i>Richard W. Ineson</i>	TITLE <i>Eng. of Outside Plant</i>
------------------------------	--	---------------------------------------





FEDERAL AVIATION AGENCY  
BOSTON AREA OFFICE  
Building #3  
Northwest Industrial Park  
Burlington, Massachusetts 01804

November 23, 1965

IN REPLY  
REFER TO BOS-500

Case No. BOS-OR-65-70

Mr. W. T. Blake, Engineer  
Southern New England Telephone Co.  
300 George Street  
New Haven, Connecticut

Dear Sir:

This refers to your Form FAA-117, Notice of Proposed Construction or Alteration, dated October 25, 1965, for the following described construction:

TYPE STRUCTURE:	ANTENNA TOWER	HEIGHT ABOVE GROUND	244	FT.
LOCATION:	Stamford, Conn.	ABOVE MSL	254	FT.
Latitude:	41° 03' 14"			
Longitude:	73° 32' 06"			

An aeronautical study conducted in accordance with Part 77, Federal Aviation Regulations, has resulted in a determination that the construction or alteration would not exceed any standard of Subpart C and would not be a hazard to air navigation.

- ( ) Supplemental notice to this office is required at least 48 hours before the start of construction or alteration. Notice form is enclosed.
- ( X ) Supplemental notice to this office is required within five days after the construction or alteration reaches its greatest height. Notice form is enclosed.
- ( X ) The structure should be marked and lighted in accordance with the standards in FAA's Manual, "Obstruction Marking and Lighting."

Unless otherwise revised or terminated, this determination will expire on May 22, 1967 or upon earlier abandonment of the construction proposal.

Sincerely yours,

*S. L. Pos*  
Sidney L. Pos, Chief  
Air Traffic Branch

BOS Form 2849 (10-65)

FEDERAL AVIATION AGENCY  <b>NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION</b>  PART 426, REGULATIONS OF THE ADMINISTRATOR	NAME OF INDIVIDUAL, COMPANY, CORPORATION, ETC., PROPOSING CONSTRUCTION OR ALTERATION DESCRIBED BELOW  <b>S.N.E. Telephone Company</b>  ADDRESS (Number, Street, City, Zone, State) 300 George St. New Haven, Connecticut
---	--

**A. TYPE OF STRUCTURE**

1. CHECK APPLICABLE ITEM

NEW CONSTRUCTION    
  ALTERATION (Change in height only)    
  PERMANENT    
  TEMPORARY

2. NATURE AND COMPLETE DESCRIPTION

Identification: **Stanford C.O. - K Tyoe Tower**

Location: **555 Main St., Stamford (Top of building)**

Permission requested to erect self-supporting steel tower at height given below

**B. LOCATION OF STRUCTURE (Submit a map or sketch)**

1. LATITUDE <b>41° 03' 14"</b> <small>(To nearest second)</small>	2. LONGITUDE <b>73° 32' 06"</b>	3. NEAREST CITY OR TOWN, AND STATE <b>Stamford</b>	4. RELATION TO NEAREST TOWN OR CITY	
			DIRECTION <b>-</b>	DISTANCE <b>0</b>
5. NAME OF NEAREST LANDING AREA <b>Stamford Seaplane Base</b>			6. RELATION TO NEAREST BOUNDARY OF LANDING AREA	
<b>41° 03' - 73° 32'</b>			DIRECTION <b>South</b>	DISTANCE <b>1/2 mile</b>

7. PROVIDE THE LAND RECORDER'S MAP DESCRIPTION AND/OR LEGAL DESCRIPTION BY METES AND BOUNDS OF PROPERTY ON WHICH STRUCTURE WILL BE OR IS LOCATED (If more space is necessary, use reverse side or continue on a separate sheet of paper and attach to this notice.)

Marked New York Sectional  
Aeronautical Chart enclosed

8. DATE WORK WILL BE STARTED <b>As soon as possible after grant of FCC Con. permit</b>	9. DATE WORK WILL BE COMPLETED <b>Within 18 months of granting of FCC Con. permit</b>	10. OVERALL HEIGHT (IN FEET) OF COMPLETED STRUCTURE ABOVE		
		A. GROUND LEVEL <b>244'</b>	B. MEAN WATER LEVEL (IF SO SITUATED)	C. MEAN SEA LEVEL <b>254'</b>
11. CHECK WHETHER COMPLETED STRUCTURE WILL BE		YES	NO	

A. MARKED FOR THE PROTECTION OF AIR NAVIGATION ..... **Will be marked and lighted according to FCC construction permit**

B. PAINTED AS SPECIFIED IN OBSTRUCTION MARKING MANUAL ..... **Will be marked and lighted according to FCC construction permit**

C. LIGHTED AS SPECIFIED IN OBSTRUCTION MARKING MANUAL ..... **Will be marked and lighted according to FCC construction permit**

C. CERTIFICATION: I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge.

DATE <b>10/25/65</b>	SIGNATURE OF PERSON MAKING CERTIFICATION <i>W. T. Blake</i>	TITLE <b>Engineer of Outside Plant</b>
-------------------------	--	---



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

March 18, 1998

Honorable Dannel P. Malloy  
Mayor  
City of Stamford  
Stamford Government Center  
888 Washington Blvd., P.O. Box 891  
Stamford, CT 06904-0891

RE: Omnipoint Communications notice of intent to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut.

Dear Mayor Malloy:

On March 13, 1998, the Connecticut Siting Council (Council) received a request from Omnipoint Communications to modify an existing telecommunications facility located at 555 Main Street in Stamford, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Thursday, April 2, 1998, at 1:00 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', written over a horizontal line.

Joel M. Rinebold  
Executive Director

JMR/sg

Enclosure: Notice of Intent

# Omnipoint Communications, Inc.

March 12, 1998

RECEIVED

MAR 13 1998

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

CONNECTICUT  
SITING COUNCIL

Dear Chairman Gelston,

Enclosed is a Notice of Intent to Modify and Exempt a telecommunications tower and associated equipment. The site and its facilities are owned by the Southern New England Telephone Company (SNET) and are located on top of the Stamford Central office building at 555 Main Street in Stamford, CT.

The proposed modification can be generally described as the addition of a "cellular type" antenna array and associated base station equipment for Omnipoint Communications. Omnipoint holds a 1900 MHz Wideband PCS license that includes the State of Connecticut. Omnipoint PCS wireless service is a voice/data system that will provide voice, telephone, data, and paging telecommunications services.

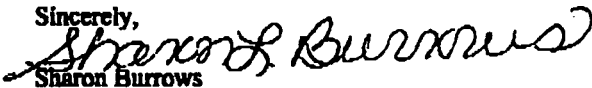
The top of the proposed antennas will be below the top of the existing rooftop tower structure, including existing antennas. No changes will be made to either the tower structure or any of the existing structures on the site. The base station equipment will be housed inside the existing equipment room inside the building.

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 contact for Omnipoint in this matter and in all correspondence from the Council, with the exception of technical questions which may be directed to Mike Clarson of RCC Consultants, Inc., phone 1.732.404.2467

Thank you in advance for your cooperation.

Sincerely,



Sharon Burrows  
Regional Director - CRA  
Omnipoint Communications, Inc.

cc: Mayor of Stamford, Hon. Daniel P. Malloy  
Judy Owens, SNET Real Estate  
Cheri Santos, Trameil Crow  
Mike Clarson, RCC Consultants, Inc

555 Main Street, Stamford, Connecticut

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) and OmniPoint Communications hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by permitting the installation of a Personal Communications Services (PCS) antenna system as specified below to an existing communications tower. This antenna will be owned, operated and maintained by OmniPoint Communications. Associated communications hardware will be located in SNET's central office building. The site is located at 555 Main Street in Stamford, Connecticut.

Background

The proposed modifications are at the site of a self supporting roof mounted 125 foot communications tower with a top mounted antennas for a total height of 244 feet above ground, including the FAA beacon. Building and tower are owned and operated by SNET. The tower was formally used as a microwave tower for SNET's telecommunications network, and is currently used as indicated on the power density chart, below.

Discussion

SNET microwave antennas will be removed if necessary to maintain structural integrity, and OmniPoint proposes to install three (6) panel antennas (three transmit/receive and three receive) configured as a three sector array. The highest point at the top of the antennas will measure 111 feet 4 inches above the main roof. Lowest point of this antenna array will be 106 feet 8 inches above the roof. See the attached drawing for details. The power density this antenna array contributes at this site is tabulated below. The purpose of this modification is to serve the public with Wideband PCS services. The make and model number of the proposed antennas are EMS Wireless RR-90-18-00DP DualPol Antenna panels. The frequencies used are in the 1900 MHz PCS band.

Below is a power density chart that represents calculated existing and proposed non ionizing radiation levels. The levels shown indicate the total power density in milliwatts per square centimeter. These levels have been calculated at the site boundary (100 feet from the tower base). Consistent with previous calculations from this site, power densities at the tower base are not shown, as the tower is mounted on the controlled space of the central office roof.

Service	Power Density @ Site Boundary mW/cm <sup>2</sup>	Center Line Antenna Height (feet AGL)	CT/ANSI Standard mW/cm <sup>2</sup>	% of Standard @Site Boundary
WinStar Wireless, Inc. (Existing aperture antenna)	0.0071	175	1	0.71
Pagenet (existing NBPCS)	0.00893	230	0.621	1.4
SNET Mobility* (existing cellular)	0.05077	226	0.5667	8.9
Broadcast Video Microwave (Existing Aperture antenna)	0.043	199	1	4.3
Omnipoint PCS (proposed)	0.0046	213	1	0.46
<b>Totals</b>	<b>0.1144</b>	<b>---</b>	<b>---</b>	<b>15.77</b>

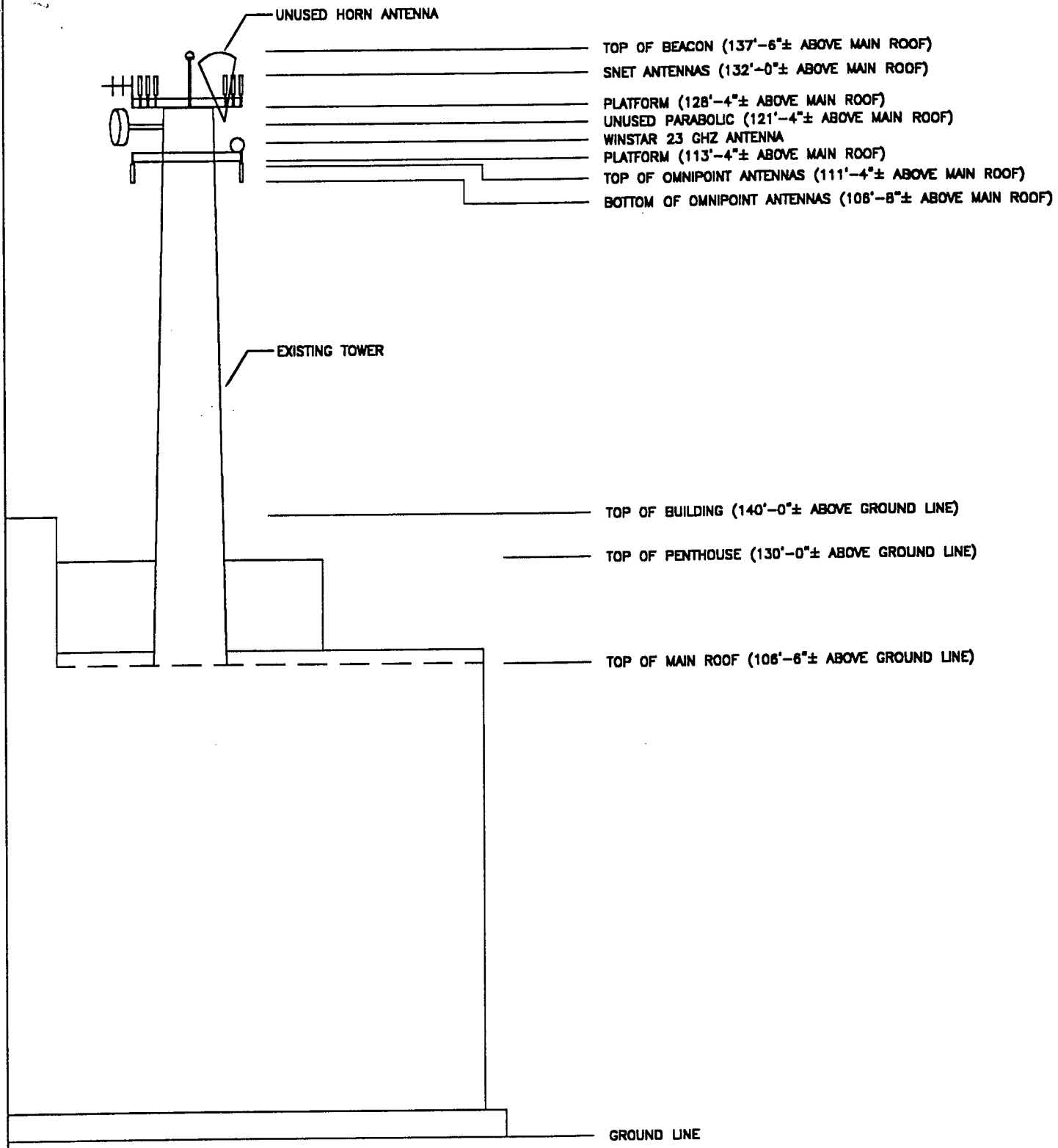
The more stringent of either the current Connecticut (and ANSI/IEEE) or FCC power density level standards for non-ionizing radiation are shown above. A ground reflection coefficient of 1.6 has been used where applicable. The levels identified in this case are below the standards. These calculations conform to the procedures described by FCC OET Bulletin No. 65, revised 1997.


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. The tower is structurally sufficient to support the proposed antennas since microwave dish antennas have been

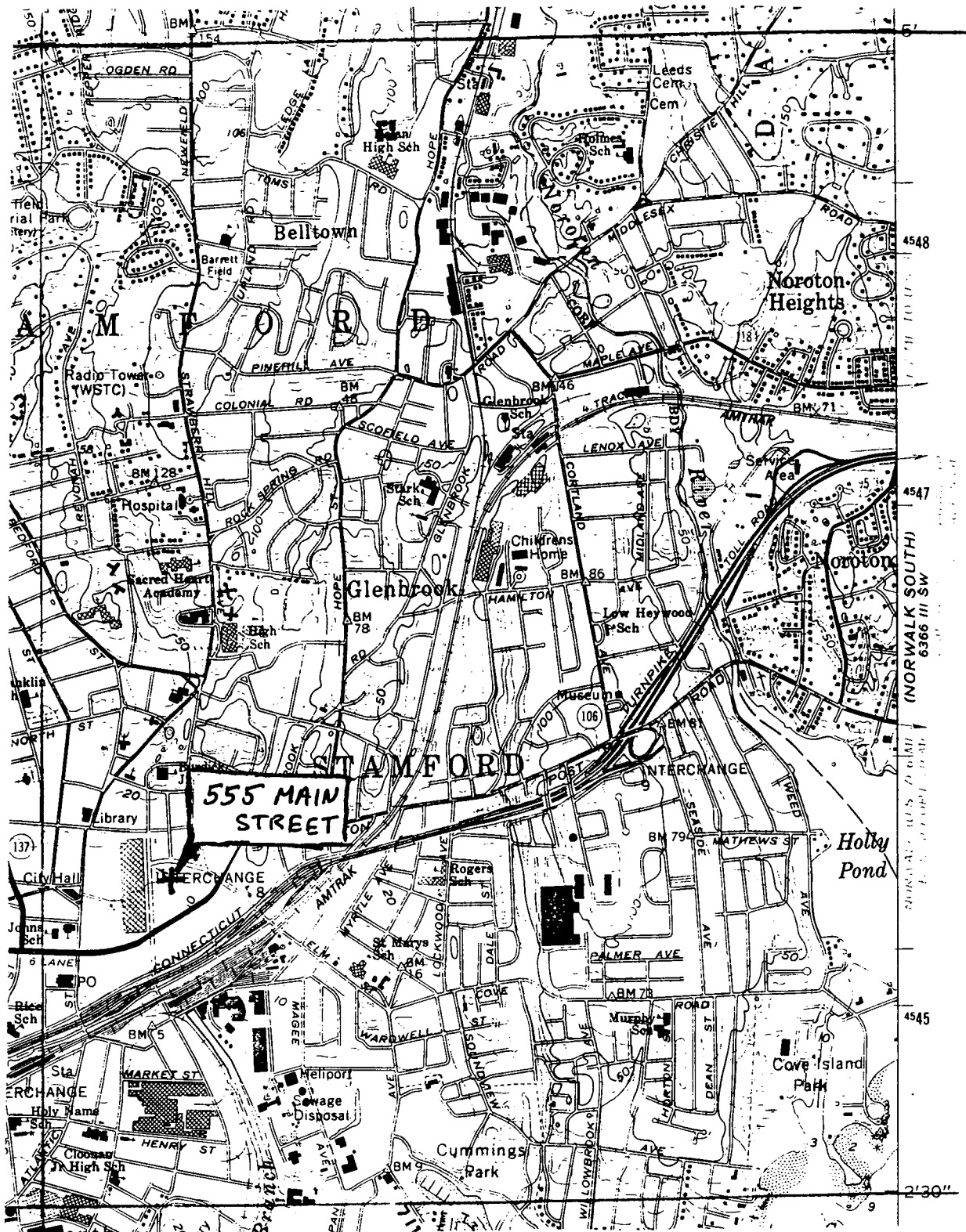
removed. There will be no increase in noise levels at the site's boundary by six (6) decibels or more and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environment effect.

For these reasons, OmniPoint and request that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria

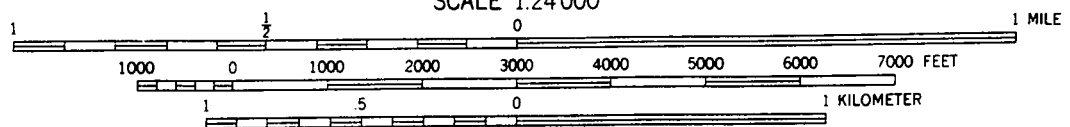


 <b>RCC Consultants, Inc.</b> 100 Woodbridge Center Dr. Woodbridge, NJ 07085	
<b>SNET TOWER</b> 555 MAIN ST. STAMFORD, CT	
DRAWN BY: HB CHECKED BY: MC	DATE: 03/12/98 SCALE: NTS

NYC-SNET.DWG



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET