

**Sprint PCS**

9 Barnes Industrial Road  
Wallingford, Connecticut 06492  
Telephone: 203 294 5600  
Fax: 203 294 5647

**RECEIVED**

FEB 28 1997

CONNECTICUT  
SITING COUNCIL

February 27, 1997

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

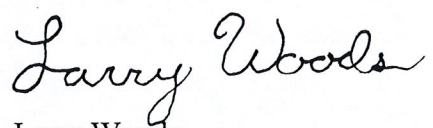
Re: Notice of Intent to make exempt changes to an existing tower facility - SNET- Shelton Site

Dear Chairman Gelston:

Enclosed please find twenty (20) copies of a Notice of Intent to make exempt changes to an existing tower facility owned and operated by SNET. The subject tower is located on Nell's Rock Road in Shelton, Connecticut.

Please do not hesitate to call me with any questions or comments. Thank you for your consideration in this matter.

Sincerely,



Larry Woods  
Site Development Manager

- cc: Peter J. Tyrell, SNET (w/o enclosure)
- Chandler Montgomery, SNET (w/o enclosure)
- Mark A. Lauretti, Mayor (w/o enclosure)
- Joel Rinebold, Connecticut Siting Council (w/o enclosure)



John F. Anglace, Jr.  
President

City of Shelton  
Board of Aldermen  
Shelton, Connecticut 06484

RECEIVED

MAY 12 1997

CONNECTICUT  
SITING COUNCIL

May 7, 1997

Mr. Larry Woods  
Site Development Manager  
Sprint PCS  
9 Barnes Industrial Road  
Wallingford, CT 06492

Re: **NOTICE OF INTENT TO MAKE EXEMPT CHANGES TO AN EXISTING  
TOWER FACILITY - SNET - SHELTON SITE**

Dear Mr. Woods:

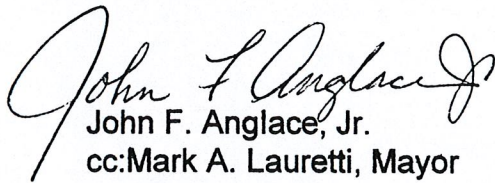
The above subject Notice of Intent has been forwarded to me for review and, in turn, I have asked Mr. William Nasta who resides at 195 Nells Rock Road, Shelton, CT to review your proposal and make comment.

Permit me to observe that the information forwarded to the City of Shelton is incomplete. The addendum attached to your February 27, 1997 letter to Mr. Mortimer A. Gelston, Chairman of the Connecticut Siting Council is lacking the first page of your section titled, "Conclusion" therefore, it has been impossible for us to fully review the proposal. We would therefore, request a complete copy of your proposal.

Allow me to share Mr. Nasta's observations with you. Mr. Nasta lives within 100' of the referenced tower. His comments begin with the fact that the tower site is in need of more attentive routine maintenance. He questions the basis and asks for data to support your statement that noise levels at the tower site boundary will not increase by six decibels or more. He is concerned about the increased radio frequency electromagnetic power density at the tower site. Further, he observes that his neighbor living across the street from the tower contracted cancer and passed away and now, Bill himself has been diagnosed with lung cancer and he wonders what, if any correlation there is between the electromagnetic field and these illnesses.

Perhaps you would be good enough to furnish this office with the information requested along with a layman's response to Mr. Nasta's concerns.

Sincerely,



John F. Anglace, Jr.

cc:Mark A. Lauretti, Mayor

Richard O. Belden, State Representative

William Nasta

Richard Chaffee, Alderman

Mortimer A. Gelston, Chairman, CT Siting Council



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

March 13, 1997

Larry Woods  
Site Development Manager  
Sprint PCS  
9 Barnes Industrial Road  
Wallingford, CT 06492

Re: **DOCKET NO. 45** - Springwich Cellular Limited Partnership Certificate of Environmental Compatibility and Public Need for telecommunications facilities in Fairfield County. Notice of Intent to Modify Shelton Facility.

Dear Mr. Woods:

At a public meeting held on March 12, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing telecommunications facility in Shelton, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modification is to be implemented as specified in your notice dated February 27, 1997. The modification is 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 change has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used and proposed for use 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 Science 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/JMR/ss

c: Honorable Mark A. Lauretti, Mayor of Shelton  
Peter J. Tyrrell, SNET



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

March 6, 1997

Larry Woods  
Site Development Manager  
Sprint PCS  
9 Wallace Barnes Road  
Wallingford, CT 06492

RE: **DOCKET NO. 45** - Springwich Cellular Limited Partnership Certificate of Environmental Compatibility and Public Need for telecommunications facilities in Fairfield County. Notice of Intent to Modify Shelton Facility.

Sprint PCS notice of intent to modify an existing telecommunications facility located on Washington Street in New London, Connecticut.

Sprint PCS notice of intent to modify an existing telecommunications facility located on Willard Avenue in Norwalk, Connecticut.

Sprint PCS notice of intent to modify an existing telecommunications facility located on Youngs Apple Orchard Road in North Branford, Connecticut.

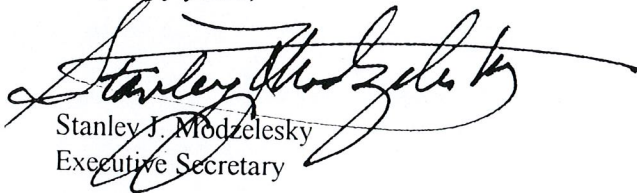
Dear Mr. Woods:

Please be advised that Connecticut Siting Council (Council) staff will be conducting a field review of these sites on Monday, March 10, 1997, beginning at 10:00 a.m. in Shelton, Connecticut.

Sprint PCS personnel will be necessary for these field reviews.

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

Very truly yours,



Stanley J. Modzelesky  
Executive Secretary

SJM/RKE/ss

c: Matt Donnelley

**FAXED**  
3/7/97

**STATE OF CONNECTICUT  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, Connecticut  
Phone: (860) 827-2935  
Fax: (860) 827-2950**

**FACSIMILE TRANSMISSION SHEET**

*DATE: March 7, 1997*

*TO: Larry Woods  
Site Development Manager  
Sprint PCS  
9 Barnes Industrial Road  
Wallingford, CT 06492*

*Work No.: (203) 294-5600  
Fax No.: (203) 294-5647*

*FROM: Stanley J. Modzelesky, Executive Secretary  
Connecticut Siting Council*

*Work No.: (860) 827-2935  
Fax No.: (860) 827-2950*

*RE: Docket No. 45, Sprint PCS New London, Sprint PCS Norwalk, and Sprint North  
Branford, notice of field review.*

*Total number of pages (including this sheet): 2*

*Message:*

***IF ANY PROBLEMS OCCUR, PLEASE CALL SHARON AT (860) 827-2935***

**\*\* Transmit Conf. Report \*\***

Mar 7 '97 10:40

CONN. SITING COUNCIL ---> 912032945647	
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Mode	NORMAL
Time	0'53"
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# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

February 28, 1997

Honorable Mark A. Lauretti  
Mayor  
54 Hill Street  
P.O. Box 364  
Shelton, CT 06484

RE: **DOCKET NO. 45** - Springwich Cellular Limited Partnership Certificate of Environmental Compatibility and Public Need for telecommunicatons facility in Fairfield County. Notice to Modify Shelton Facility.

Dear Mayor Lauretti:

On February 28, 1997 the Connecticut Siting Council (Council) received a request from Sprint PCS to modify an existing telecommunications facility located on Nell's Rock Road in Shelton, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting tentatively scheduled for Wednesday, March 12, 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 that reads "Joel M. Rinebold".

Joel M. Rinebold  
Executive Director

JMR/ss

Enclosure: Notice of Intent



## *Sprint PCS*

9 Barnes Industrial Road  
Wallingford, Connecticut 06492  
Telephone: 203 294 5600  
Fax: 203 294 5647

# RECEIVED

FEB 28 1997

CONNECTICUT  
SITING COUNCIL

February 27, 1997

Mr. Mark A. Lauretti  
Mayor  
54 Hill Street  
Shelton, Connecticut 06484

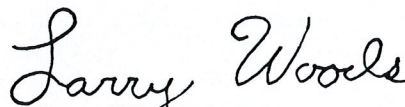
Re: Notice of Intent to make exempt changes to an existing tower facility - SNET- Shelton Site

Dear Mayor Lauretti:

Enclosed please find one (1) copy of a Notice of Intent to make exempt changes to an existing tower facility owned and operated by SNET. The subject tower is located on Nell's Rock Road in Shelton, Connecticut.

Please do not hesitate to call me with any questions or comments. Thank you for your consideration in this matter.

Sincerely,

  
Larry Woods  
Site Development Manager

cc: Peter J. Tyrell, SNET (w/o enclosure)  
Chandler Montgomery, SNET (w/o enclosure)  
Mortimer Gelston, Connecticut Siting Council (w/o enclosure)  
Joel Rinebold, Connecticut Siting Council (w/o enclosure)



**RECEIVED**

MAY 19 1997

**CONNECTICUT  
SITING COUNCIL**

**Sprint PCS™**

May 14, 1997

Engineering and Operations

9 Barnes Industrial Road

Wallingford, Connecticut 06492

Telephone: 203 294 5600

Fax: 203 294 5647

Mr. John F. Anglese, President  
City of Shelton  
Board of Alderman  
Shelton, CT 06484

**RE: Notice of Intent to Make Exempt Changes to an Existing Tower  
Facility - SNET-Shelton Site**

Dear Mr. Anglese:

Thank you for your letter dated May 7, 1997 regarding the above site. Your and Mr. Nosta's concerns regarding the safety of the site are understandable. Safety is one of the main criteria that the Siting Council considers as part of its decision making process.

Sprint in its Siting Council Application for the Shelton Site was required to evaluate cumulative radio frequency electromagnetic power density. Based on the recommended method of calculation by the Siting Council, the total percentage of maximum permissible exposure after Sprint's installation on the existing tower will be 6.27% of the recommended standard. It should be noted that this exposure limit is calculated for a person that would be standing at the base of the tower. As the distance from the tower is increased the total percentage of maximum permissible exposure significantly decreases.

The Siting Council, in its review of our application, has determined that our installation will not exceed any permissible standards for radio frequency electromagnetic power density.

With regard to the question of noise, our equipment does not emit appreciable noise. The base station cabinets are approximately the size of a refrigerator and they have similar noise generation characteristics as a result of heating and cooling of the internal electronics.

Per your request our entire application is attached for your information.

If you have any additional questions, please contact me at (203) 294-5634.

Sincerely,

Larry Woods

Site Development Manager

cc: Mortimer A. Gelston, Chairman, CT Siting Council

**Sprint PCS**

9 Barnes Industrial Road  
Wallingford, Connecticut 06492  
Telephone: 203 294 5600  
Fax: 203 294 5647

**RECEIVED**

FEB 28 1997

**CONNECTICUT  
SITING COUNCIL**

February 27, 1997

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

**RE: Notice of intent to make exempt changes to an existing tower facility  
SNET - Shelton Site**

Dear Chairman Gelston:

Enclosed is a notice of intent to modify and make exempt changes to the tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) on Nell's Rock Road in Shelton, Connecticut.

The proposed modifications can be generally described as the addition of a "cellular type" PCS antenna array by Sprint Spectrum, L.P. (Sprint PCS) to the existing tower and related support equipment within the existing microwave equipment room at the base of the tower.

Sprint PCS is the "B block" "Wideband PCS" license holder for the 2 GHz PCS frequencies for the greater New York City coverage area which includes the entire state of Connecticut. The Sprint PCS wireless service is a voice-data system which will be capable of providing to the consumer state of the art communications service with privacy to users, and the convenience of a pager, answering machine and modem in one phone.

Sprint PCS proposes to install nine (9) Allgon 7184.05 tower mounted antennas, each measuring approximately 51.2" x 5.5" x 2.6". Antennas will be mounted in three sectorized arrays of three (3) antennas each.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria for exempt changes established in the Regulations of Connecticut State Agencies §16-50j-72 (b) (2), for the following listed reasons. The proposed antennas will not increase the power density of the tower installation above the ANSI standards at the site boundary. The proposed antennas will be mounted below the top of the existing tower. The height of the tower will not be increased. The boundaries of the tower site will not be

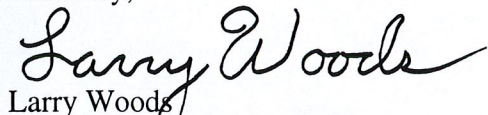
extended. Finally, the proposed changes will not require the addition of guy wires to the tower, therefore, noise levels at the site boundary will not be increased by six (6) decibels or more.

We have attached a copy of the U.S. Geological Survey map indicating the site location ("Exhibit A"), a site plan and an elevation sketch of the tower showing the proposed antenna locations ("Exhibit B"), and a structural evaluation ("Exhibit C").

Please record me as the contact for Sprint PCS in this matter and in all correspondence from the Council. Counsel for Sprint PCS is Elias A. Alexiandes, of Hurwitz & Sagarin P.C., 147 North Broad Street, P.O. Box 112, Milford CT 06460, (203) 877-8000; they request that they receive copies of all notices and correspondence. Technical questions to Sprint PCS may be directed to me, at Sprint PCS, 9 Barnes Industrial Road, Wallingford, CT 06492, (203) 294-5634.

Thank you in advance for your cooperation.

Sincerely,



Larry Woods  
Site Development Manager

cc: Peter J. Tyrell, SNET  
Chandler Montgomery, SNET  
Elias A. Alexiandes, Hurwitz & Sagarin P.C.  
Mark A. Lauretti, Mayor  
Joel Rinebold, Conn. Siting Council

Notice of Intent to Make Exempt Changes  
RE: SNET Nell's Rock Road, Shelton Site

Pursuant to 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 make changes to an existing communications facility by adding PCS antennas specified below to an existing tower. These antennas will be owned, operated and maintained by Sprint Spectrum, L.P. (Sprint PCS). Associated equipment will be located at the base of the tower within enclosed cabinetry. The site is located on Nell's Rock Road in Shelton, Connecticut.

Background

The proposed changes are at the site of a self-supporting lattice type tower owned and operated by SNET. The tower currently houses SNET's inactive interoffice microwave networks. The height of the structure is 181'.

Discussion

Sprint PCS proposes to install nine (9) Allgon 7184.05 tower mounted antennas, each measuring approximately 51.2" x 5.5" x 2.6". Antennas will be mounted in three sectorized arrays of three (3) antennas each, separated by 120°. Antenna center lines will be mounted at 155' above ground level.

The public need for "Wideband PCS" facilities has been determined by the Federal Communications Commission (FCC) which has determined that this service shall be provided by up to six competing companies with overlapping coverage areas. Sprint PCS proposes to mount antennae at 155', on the existing SNET tower at Nells Rock Rd. This site will be used to provide coverage to the surrounding areas of Shelton, and southern Derby. Coverage will include three and one half (3.5) miles of Route 8, two (2) miles of Route 34, two (2) miles of Route 115, and two (2) miles of Route 108. The proposed antenna installation would become a part of Sprint PCS's wireless voice and data network which is currently nonexistent.

The proposed changes meet all the necessary criteria for exceptions under Section 16-50j-72(b)(2) of the regulations of Connection State Agencies and therefore do not constitute a "modification":

1. The changes do not increase the tower height. All new antennas will be mounted below the top of the existing tower. See elevation attached hereto as Exhibit B. No site work is required for this installation. The equipment will be housed in the existing microwave equipment room.

2. The changes do not extend the boundaries of the tower site. All additional equipment will be located within existing boundaries of the tower site as reflected in the site plan attached hereto as Exhibit B.
3. As seen in Exhibit C, the tower is structurally sufficient to support the existing and proposed antennas, with the removal of the existing cone shaped antennas and associated hardware as previously agreed to with SNET. Therefore, guy wires will not be added to the tower, and noise levels at the tower site boundary will not increase by six decibels or more.
4. The operation of the additional antennas will not increase the total radio frequency electromagnetic power density at the tower site to a level at or above applicable standards, as demonstrated on the power density chart below:

### Power Density Analysis

Operator	Distance to Target	Calculated Power Density	Maximum Permissible Exposure *	Fraction of MPE
	(feet)	(mW/cm <sup>2</sup> )	(mW/cm <sup>2</sup> )	(%)
SNET	Various	0.0113	0.5667	2.00%
Paging	181	0.0169	0.6207	2.73%

**Total Percentage of Maximum Permissible Exposure After Sprint** **4.73%**

#### Sprint's Contribution:

Sprint	155	0.02008	1.305	1.54
--------	-----	---------	-------	------

**Total Percentage of Maximum Permissible Exposure After Sprint** **6.27%**

\* IEEE C95.1 - 1991 (Revision of ANSI C95.1 - 1982)

These levels have been calculated at the tower base, which represents the maximum exposure for the operation of this facility (i.e. calculated at the closest publicly accessible point within the broadcast field of the facility). The calculations have been performed in accordance with the methodology prescribed by the FCC Office of Science and Technology Bulletin No. 65 ("OST Bulletin 65").

#### Conclusion

nor will the boundaries of the tower site be extended. Additionally, noise levels at the site boundary will not be increased by six (6) decibels or more, and the total radio frequency electromagnetic radiation will not be increased to above the standard set forth in §22 (a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environmental effect.

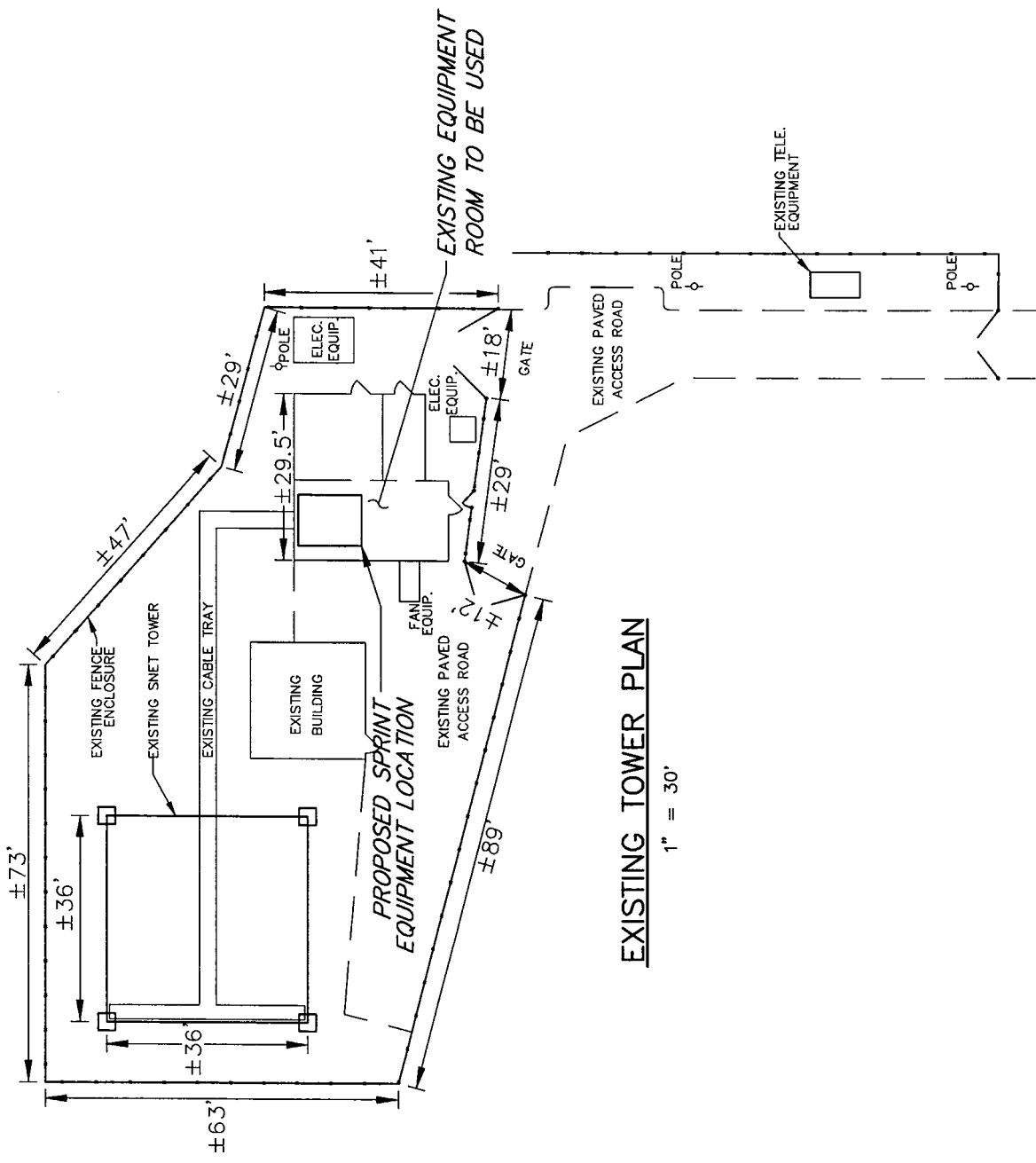
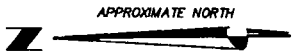
For these reasons, SNET requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

**Exhibit A**





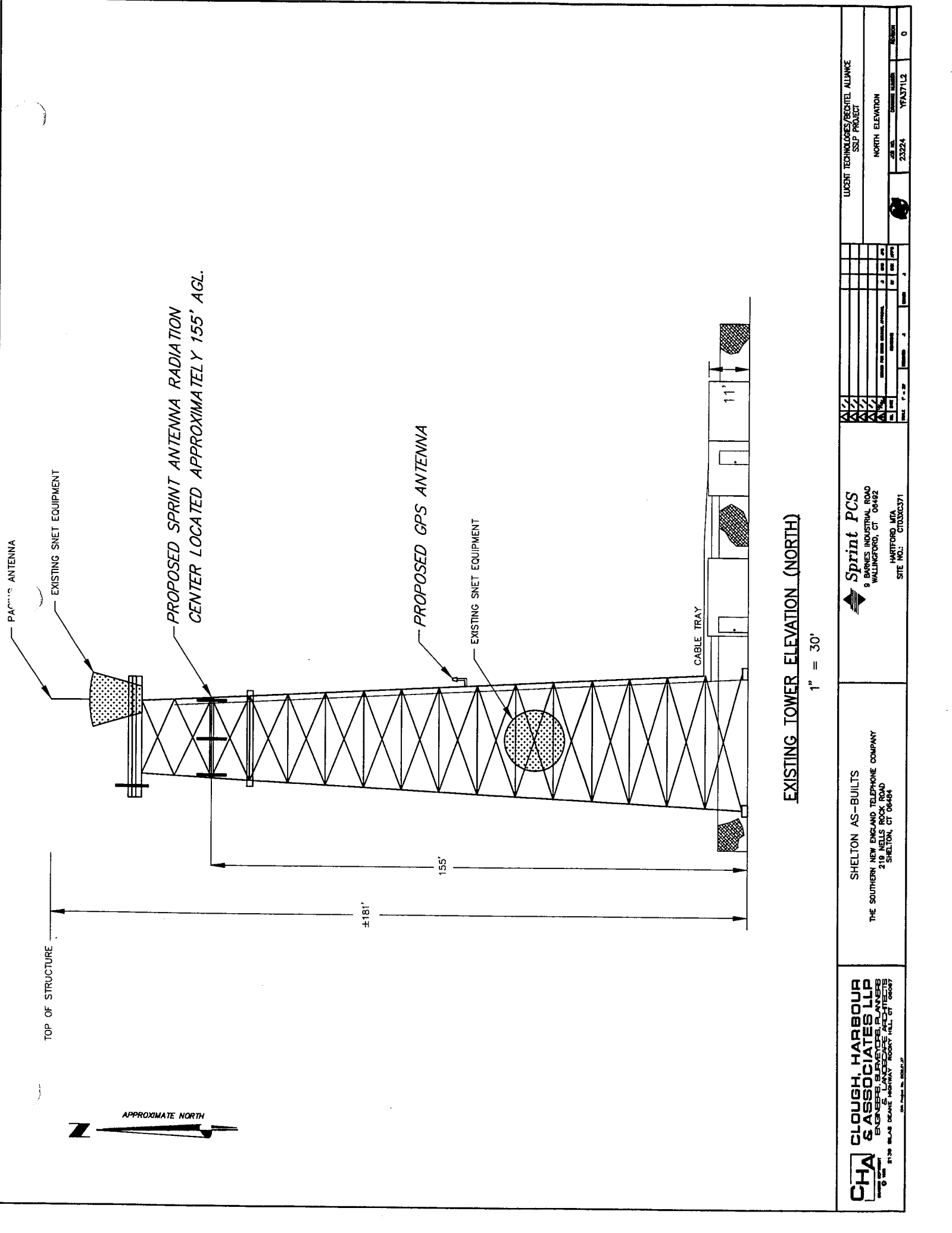
**Exhibit B**



**EXISTING TOWER PLAN**

1" = 30'

<p><b>CHA</b> CLOUGH, HARBOUR &amp; ASSOCIATES LLP ENGINEERS, SURVEYORS, PLANNERS 21700 BELAS DEANE HIGHWAY, ROCKY HILL, CT 06109 OR: 860.261.8833 X7</p>	<p>SHELTON THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY 219 NELS ROCK ROAD SHELTON, CT 06484</p>	<p><b>Sprint PCS</b> 9 BARNES INDUSTRIAL ROAD WALLINGFORD, CT 06482 HARTFORD, MTA SITE NO.: CT0306371</p>	<p>LUCENT TECHNOLOGIES/BECHTEL ALLIANCE SSLP PROJECT</p>	<p>DATE: 05/20/03</p>	<p>23224</p>	<p>YFA371/1</p>
				<p>PROJECT NO.</p>	<p>DATE</p>	<p>PROJECT NO.</p>



**EXISTING TOWER ELEVATION (NORTH)**

1" = 30'

**CHA**  
 CONSULTING ENGINEERS  
 2130 BLAKE DEANE HIGHWAY  
 ROCKY HILL, CT 06067

**SHELTON AS-BUILTS**  
 THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY  
 219 NELS ROCK ROAD  
 SHELTON, CT 06484

**Sprint PCS**  
 9 BARNES INDUSTRIAL ROAD  
 WALLINGFORD, CT 06492  
 HARTFORD, MA  
 SITE NO.: 670306371

LUENT TECHNOLOGIES/RECHTEL ALLOWANCE		SSUP PROJECT	
NORTH ELEVATION		23224	
YFA37112		0	

**Exhibit C**



**CLOUGH, HARBOUR  
& ASSOCIATES LLP**  
ENGINEERS, SURVEYORS, PLANNERS  
& LANDSCAPE ARCHITECTS

III WINNERS CIRCLE  
P.O. BOX 5269, ALBANY, NEW YORK 12205-0269  
TEL: 518-453-4500 • FAX: 518-458-1735

January 17, 1997

THOMAS L. O'BRIEN, P.E.  
Partner

Mr. Andy White  
Sprint PCS  
9 Barnes Industrial Road  
Wallingford, CT 06492

**Re: Sprint PCS: Structural Reanalysis of the Shelton Tower  
Located on Nelk Rock Road in Shelton, Connecticut.  
Sprint Site No. CT03XC371. CHA Project No.: 5953.41.71**

Dear Andy:

As requested and agreed to, Clough, Harbour & Associates LLP has performed a reanalysis of the superstructure for the above referenced tower. Our analysis is based on antenna information provided by Sprint PCS and our field inspection. With this information, we were able to conclude that the tower is structurally capable of supporting the proposed loads provided that the existing cone shaped antennas and associated hardware are removed.

The data presented above was modified for the addition of the Sprint defined PCS antenna array at an elevation of 155 feet above grade. Our analysis assumes that at this elevation a new nine (9) panel array with nine (9) 1-5/8 inch diameter coaxial cables will be added. Our analysis also includes data for existing antennas as noted during our field inspection. The existing antenna projected area, elevation, coaxial cable size, and orientation have been summarized in our analysis.

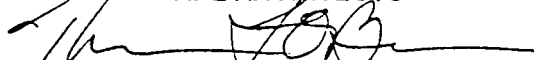
With this information and the current code, ANSI/TIA/EIA-222-F, *Structural Standards for Steel Antenna Towers and Antenna Supporting Structures*, an analysis was performed to determine the structural integrity of the tower. Based on the data provided, projected areas and applicable loads were calculated. Knowing the projected area of the tower and all of its appurtenances, wind loads were calculated with and without the code defined ice load. These wind and ice loads were then reduced to total moments in the tower structure. The tower moments due to the existing equipment were then compared to those of the proposed antennas and appurtenances.

These calculations indicate that the tower, loaded as indicated above and modified as stated above, can be structurally capable of supporting the applied loads from the addition of a nine (9) panel array and the related mounting hardware and coaxial cable at an elevation of 155 feet above the existing grade only if the existing cone shaped antennas and all associated hardware are removed from the tower.

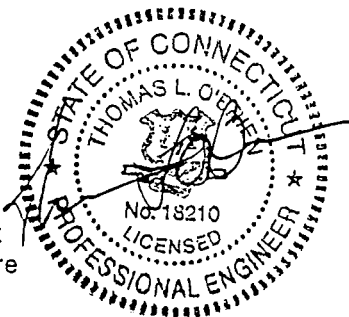
As requested, we have included a copy of the structural analysis calculations referenced above for your review and use. If you have any questions or if I can be of further assistance, please call me.

Very truly yours,

**CLOUGH, HARBOUR & ASSOCIATES LLP**  
ENGINEERS, SURVEYORS, PLANNERS  
& LANDSCAPE ARCHITECTS

  
Thomas L. O'Brien, P.E.  
Partner

MJK/mjk  
Enclosure



*Offices Throughout the Eastern United States*

*"Satisfying Our Clients by Meeting Their Needs Through Dedicated People Committed to Total Quality."*



4 Hamilton Street  
New Haven, CT 06511

Via Facsimile and Regular Mail

February 21, 1997

Mr. Cy Weichert  
Sprint PCS  
9 Barnes Industrial Road  
Wallingford, CT 06492

Dear Mr. Weichert:

Recently the Southern New England Telephone Company (SNET) has entered into a facility sharing arrangement with Sprint PCS, Inc. (Tenant).

The agreement contemplates that the Tenant will construct telecommunications facilities as shown in Exhibit B of Sprint PCS's CSC Application(s) as well as Appendix A attached hereto.

This letter authorizes you to submit appropriate filings with the Connecticut Siting Council on our behalf to enable the Tenant to attach its antennas and equipment to our facilities at the specified location. However, we request that copies of all filings by yourself and others be sent to:

Ms. Chandler Montgomery  
SNET - 2<sup>nd</sup> Floor  
4 Hamilton Street  
New Haven, CT 06511

- and -

Peter J. Tyrell, Esq.  
SNET - 3<sup>rd</sup> Floor  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

If we can be of assistance please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads "Chandler Montgomery". To the right of the signature is a small, stylized monogram or initials.

Chandler Montgomery  
Manager - Real Estate

cc: Matt Donnelley -via fax (518) 453-4522

Appendix A (1)

SNET  
SITE INSTALLATION REQUIREMENTS

TCCS + RAM Communications Consultants  
203-359-2222  
203-353-1139

Site Name NORWALK Date \_\_\_\_\_  
Site Location WILLARD RD NORWALK CT

A. Tenant Information

Company Name SPRINT SPECTRUM LP  
Address 450 MURDOCK AVE  
City, State, Zip MERIDEN CT 06450  
Telephone No. 203 238 6910 Fax No. 203 238 6925  
Contact Persons  
Technical JUSTIN DARROW Phone No. SAME AS ABOVE Fax SAME AS ABOVE  
Billing BOB JOHNSON Phone No. 518-785-2051 Fax 518-785 2025  
Legal Notice PAUL TOSCH Phone No. 203 327 2000 Fax 203 353 3392  
PCC Service Classification PCS

B. Space Requirements

Compound Space  Yes  No Building Size \_\_\_\_\_ (Submit drawing & site plan)  
Interior Space  Yes  No Space Requirements 150 sq. ft. No. Racks \_\_\_\_\_  
Tower Space  Yes  No Desired Tower Height(s) T.B.D. (150' - 240')  
AC Power  Yes  No No. Circuits 1 Voltage 200 Total Draw 100 A  
TELCO  Yes  No No. Circuits 1 Type T-I

C. RF Equipment Information

QTY \_\_\_\_\_ Manufacturer Invent Technologies QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. PCS MIVICELL Model No. \_\_\_\_\_  
TX 190-195 RX 190-195 Frequency \_\_\_\_\_ TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments) (If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power 10 WATTS FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_  
QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_ QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. \_\_\_\_\_ Model No. \_\_\_\_\_  
TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_ TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments) (If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_ FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_



D. Antenna Information

No. 9 Type PLS Meteor II or Equiv  
 Manufacturer Algonor Equip Model 718405  
 Length 51" x 55" x 26" Mount Type D.T. #2187  
 No. 1 Type GPS ANTENNA  
 Manufacturer #407.517689 Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

E. Transmission Line Information

No. 9 Type 1 1/2" COAXIAL  
 Manufacturer ANDREW Model \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 No. 1 Type 1/2" COAXIAL  
 Manufacturer ANDREW Model \_\_\_\_\_  
 Diameter \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_

F. Installation Requirements

Installation Date Desired 1 NOV 96  
 Installation Contractor TBD  
 Contact \_\_\_\_\_  
 Phone No. \_\_\_\_\_

24 Hour Access Required  Yes  No  
 Address \_\_\_\_\_  
 Fax No. \_\_\_\_\_

G. Comments

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Appendix A (2)

SNET  
SITE INSTALLATION REQUIREMENTS

TCCS + RAM Communications Consultants  
203-358-2222  
203-353-1139

Site Name N. Brawford Date 20 Sept 96  
Site Location Youngs Apple Orchard Rd

A. Tenant Information

Company Name Sprint Spectrum  
Address 450 Macdock Ave  
City, State, Zip Meriden, Ct 06450  
Telephone No. 203-238-6910 Fax No. 203-238-6925  
Contact Persons  
Technical Steven Crotty Phone No. same Fax same  
Billing Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
Legal Notice Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
PCC Service Classification B-Band PCS

B. Space Requirements

Compound Space  Yes \_\_\_\_\_ No \_\_\_\_\_ Building Size \_\_\_\_\_ (Submit drawing & site plan)  
Interior Space \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_ Space Requirements 150 sq. ft. No. Racks 3 cabinets  
Tower Space  Yes \_\_\_\_\_ No \_\_\_\_\_ Desired Tower Height(s) 130 (on top)  
AC Power  Yes \_\_\_\_\_ No \_\_\_\_\_ No. Circuits 1 Voltage 220 Total Draw 100 A  
TELCO  Yes \_\_\_\_\_ No \_\_\_\_\_ No. Circuits 1 Type T-1

C. RF Equipment Information

QTY 1 Manufacturer Lucent Technologies QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. PCS Minicell Model No. \_\_\_\_\_  
TX 1950-1965 RX 1870-1885 Frequency (MHz) \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments) TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
FCC ID \_\_\_\_\_ Output Power +50dBm FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_  
QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_ QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. \_\_\_\_\_ Model No. \_\_\_\_\_  
TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments) TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_ FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_

D. Antenna Information

No. 9 Type Panel  
 Manufacturer Decibel Model DB980 1170  
 Length 60" Mount Type \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

No. 1 Type GPS Receiver only  
 Manufacturer Andrew Model 407517689  
 Length 18" w/ mount Mount Type \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

E. Transmission Line Information

No. 9 Type 1 1/8  
 Manufacturer Andrew Model Foam  
 Diameter \_\_\_\_\_  
 No. 1 Type 1/2  
 Manufacturer Andrew Model Foam  
 Diameter \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_

F. Installation Requirements

Installation Date Desired 1/21/96  
 Installation Contractor TBD  
 Contact \_\_\_\_\_  
 Phone No. \_\_\_\_\_

24 Hour Access Required  Yes  No  
 Address \_\_\_\_\_  
 Fax No. \_\_\_\_\_

G. Comments

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Appendix A (3)

SNET  
SITE INSTALLATION REQUIREMENTS

TCCS + RAM Communications Consultants  
203-359-2222  
203-353-1139

Site Name SHELTON Date 20 SEPT 96  
Site Location 219 NELS ROCK RD SHELTON CT

A. Tenant Information

Company Name SPRINT SPECTRUM LP  
Address 450 MURDOCK AVE  
City, State, Zip MERIDEN CT 06450  
Telephone No. 203-238-6910 Fax No. 203-238-6925  
Contact Persons  
Technical JUSTIN DARRLOW Phone No. SAME AS ABOVE Fax SAME AS ABOVE  
Billing RON DANSON Phone No. 518-785-2651 Fax 518-785-2025  
Legal Notice PAUL TUSCH Phone No. 203-327-2000 Fax 203-327-2000  
PCC Service Classification FCS

B. Space Requirements

Compound Space  Yes  No Building Size \_\_\_\_\_ (Submit drawing & site plan)  
Interior Space  Yes  No Specs Requirements \_\_\_\_\_ sq. ft. No. Rafts \_\_\_\_\_  
Tower Space  Yes  No Desired Tower Height(s) T.O.B.D. (150'-180')  
AC Power  Yes  No No. Circuits 1 Voltage 220 Total Draw 100 A  
TELCO  Yes  No No. Circuits 1 Type T-I

C. RF Equipment Information

QTY \_\_\_\_\_ Manufacturer LUENT Technologies QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. FCS MINICELL Model No. \_\_\_\_\_  
TX 190-165 RX 190-165 Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power 10w/115 TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments)  
QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_ FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_  
Model No. \_\_\_\_\_ QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Model No. \_\_\_\_\_ TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_ TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_

2000

TRACKELL CRON

07/24/98 WED 14:40 FAX 203 260 1139

D. Antenna Information

No. 9 Type PCS MTR II OR EQUIV.  
Manufacturer ALCON or EQUIV Model 7194-C5  
Length 51" x 5.5" x 2.5" Mount Type D.T. #2169

No. \_\_\_\_\_ Type \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
Length \_\_\_\_\_ Mount Type \_\_\_\_\_

No. 1 Type GPS ANTENNA  
Manufacturer # 207517669 Model \_\_\_\_\_  
Length: \_\_\_\_\_ Mount Type \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
Length \_\_\_\_\_ Mount Type \_\_\_\_\_

E. Transmission Line Information

No. 9 Type 1-5/8" COAXIAL  
Manufacturer ANDREW Model \_\_\_\_\_  
Disaster \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
Disaster \_\_\_\_\_

No. 1 Type 1/2" COAXIAL  
Manufacturer ANDREW Model \_\_\_\_\_  
Disaster \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
Disaster \_\_\_\_\_

F. Installation Requirements

Installation Date Desired 1 NOV 96  
Installation Contractor TBD  
Contact \_\_\_\_\_  
Phone No. \_\_\_\_\_

24 Hour Access Required  Yes  No  
Address \_\_\_\_\_  
Fax No. \_\_\_\_\_

G. Comments

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Appendix A (4)

SNET  
SITE INSTALLATION REQUIREMENTS

TCCS + RAM Communications Consultants  
203-358-2222  
203-353-1139

Site Name New London Date 20 Sep 96  
Site Location 26 Washington St New London CT

A. Tenant Information

Company Name Sprint Spectrum  
Address 450 Mardock Ave.  
City, State, Zip Meriden CT 06450  
Telephone No. 203-238-6910 Fax No. 203-238-6925  
Contract Purposes \_\_\_\_\_  
Technical Steven Crotty Phone No. Same Fax Same  
Billing \_\_\_\_\_ Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
Legal Notices \_\_\_\_\_ Phone No. \_\_\_\_\_ Fax \_\_\_\_\_  
PCC Service Classification B-Band PCS

B. Space Requirements

Commoned Space  Yes  No (non-refusable) Building Size \_\_\_\_\_ (Submit drawing & site plan)  
Interior Space \_\_\_\_\_ Yes \_\_\_\_\_ No Specs Requirements 150 sq.ft. No. Floors 3 ceilings  
Tower Space \_\_\_\_\_ Yes \_\_\_\_\_ No Desired Tower Height(s) \_\_\_\_\_  
AC Power  Yes \_\_\_\_\_ No No. Circuits 1 Voltage 220 Total Draw 100 A  
TELCO  Yes \_\_\_\_\_ No No. Circuits 1 Type T-1

C. RF Equipment Information

QTY 1 Manufacturer Lucent Technologies Manufacturer \_\_\_\_\_  
Model No. PCS Mivisell Model No. \_\_\_\_\_  
TX 1950-1965 RX 1870-1885 Frequency (MHz) \_\_\_\_\_  
(If FX Block, Please List All FXs in Comments)  
FCC ID \_\_\_\_\_ Output Power +50dBm  
TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_ (If FX Block, Please List All FXs in Comments)  
Model No. \_\_\_\_\_ FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_  
TX \_\_\_\_\_ RX \_\_\_\_\_ Frequency \_\_\_\_\_  
QTY \_\_\_\_\_ Manufacturer \_\_\_\_\_ (If FX Block, Please List All FXs in Comments)  
Model No. \_\_\_\_\_ FCC ID \_\_\_\_\_ Output Power \_\_\_\_\_

TRAVERTINE

07/24/98 WED 14:40 FAX 203 353 1139

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**D. Antenna Information**

No. 9 Type Panel  
 Manufacturer Decibell Model OB980H90  
 Length 60.0" Mount Type \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

No. 1 Type GPS Receiver-only  
 Manufacturer Andrew Model 407517689  
 Length 18" w/ mount Mount Type \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Length \_\_\_\_\_ Mount Type \_\_\_\_\_

**E. Transmission Line Information**

No. 9 Type 1 5/8" coax  
 Manufacturer Andrew Model Foam  
 Diameter \_\_\_\_\_  
 No. 1 Type 1/2  
 Manufacturer Andrew Model Foam  
 Diameter \_\_\_\_\_

No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 No. \_\_\_\_\_ Type \_\_\_\_\_  
 Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
 Diameter \_\_\_\_\_

**F. Installation Requirements**

Installation Date Desired 1 FEB 97  
 Installation Contractor TBD  
 Contact \_\_\_\_\_  
 Phone No. \_\_\_\_\_

24 Hour Access Required  Yes  No  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Fax No. \_\_\_\_\_

**G. Comments**

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