



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

February 17, 2000

Julie M. Cashin, Esq.  
Hurwitz & Sagarin, LLC  
147 North Broad Street  
Milford, CT 06460-0112

RE: EM-SPRINT-096-000203 - Sprint PCS notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road in New Milford, Connecticut. (Docket No. 138)

Dear Attorney Cashin:

At a public meeting held on February 16, 2000, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in New Milford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here, in your notice dated February 3, 2000, and in additional information February 15, 2000. 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 frequencies 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 frequencies 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/SLL/sll

c: Honorable Arthur J. Peitler, Mayor, Town of New Milford  
Peter W. van Wilgen, Director – Real Estate Operations, SNET Wireless, Inc.

# HURWITZ & SAGARIN LLC

February 15, 2000

*Via Telecopier*

Mr. Steve Levine  
Staff Analyst  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

RECEIVED

FEB 16 2000

CONNECTICUT  
SITING COUNCIL

Re: EM-Sprint-096-000203  
4 Elkington Road, New Milford

Dear Steve:

Enclosed please find a letter dated February 14, 2000 from URS Greiner Woodward Clyde confirming that the SCLP Elkington Road Facility will structurally support the installation proposed by Sprint in the above exempt modification application

Please call with any questions.

Very truly yours,



JULIE M. CASHIN  
JMC/dsw  
Enc.

**URS Greiner Woodward Clyde**

A Division of URS Corporation

500 Enterprise Drive, Suite 3B  
Rocky Hill, CT 06067  
Tel: 860 529 8882  
Fax: 860 529 3991  
Offices Worldwide

February 14, 2000

Mr Rich Kopcio  
Sprint PCS  
Crossroads Corporate Center  
1 International Boulevard, Suite 800  
Mahwah, NJ 07495

**Reference: Proposed Telecommunications Facility  
Sprint PCS Site Number: CT33XC097  
4 Elkington Road  
New Milford, Connecticut  
F300001772.51**

Dear Mr. Kopcio:

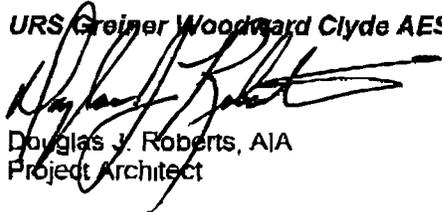
URS Greiner Woodward Clyde (URSGWC) has reviewed the original Structural Analysis prepared by Manzi Engineering dated July 29, 1999 for the existing 150' monopole on 4 Elkington Road in New Milford, Connecticut. The structural analysis concluded that the existing tower will support the additional loads imposed by the proposed Sprint PCS antennas and mounts, low profile platform, and 1 5/8" coaxial cables to be located at the 140' level without structural modifications. The proposed equipment for this site will be as follows.

- Sprint: (9) DB980H90E-M @ 140' and 1 GPS @ 75'

Please contact me if there are any questions.

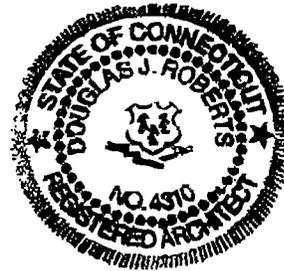
Sincerely,

**URS Greiner Woodward Clyde AES**



Douglas J. Roberts, AIA  
Project Architect

DJR/ms



cc J. Cashin - Hurwitz and Sagarin  
J. York, Pinnacle Site Development  
I. Artaiz, URSGWC  
A. Abadjian, URSGWC  
CF/BK

Y:\WPDATA\Sprint\177251\structurdletter.doc

EM-Sprint-096-000203  
4 Elkington Farm Rd.  
New Milford, CT  
February 8, 2000 S. Levine  
file townno\096sprint.pdd



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

February 7, 2000

Honorable Arthur J. Peitler  
Mayor  
Town of New Milford  
P. O. Box 360  
New Milford, CT 06776

RE: EM-SPRINT-096-000203 - Sprint PCS notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road in New Milford, Connecticut. (Docket No. 138)

Dear Mr. Peitler:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Wednesday, February 16, 2000, at 1:30 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 proposal.

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/jlh

Enclosure: Notice of Intent

# HURWITZ & SAGARIN LLC

February 3, 2000

**RECEIVED**

FEB - 3 2000

CONNECTICUT  
SITING COUNCIL

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

**Re: Notice of Exempt Modification  
SCLP Telecommunications Facility  
4 Elkington Farm Road  
New Milford, Connecticut**

Dear Mr. Rinebold:

On behalf of Sprint Spectrum L.P. ("Sprint PCS"), I am pleased to submit this notification of modification of an existing telecommunications tower which constitutes an exempt modification. Enclosed are an original plus twenty (20) copies of a letter requesting acknowledgement that the addition of Sprint's antennas and related equipment to the existing SCLP telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut, satisfies the requirements set forth in R.C.S.A. §16-50j-72(b)(2). A check in the amount of \$500.00 to cover the filing fee is also enclosed.

The Mayor of the Town of New Milford, Arthur J. Peitler, has been sent a copy of this exempt modification filing by certified mail.

Sincerely,



JULIE M. CASHIN  
JMC/dsw  
Enc.

cc: Arthur J. Peitler, Mayor  
Town of New Milford

# HURWITZ & SAGARIN LLC

February 3, 2000

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

RECEIVED

FEB - 3 2000

CONNECTICUT  
SITING COUNCIL

**Re: Notice of Exempt Modification  
SCLP Telecommunications Facility  
4 Elkington Farm Road  
New Milford, Connecticut**

Dear Mr. Rinebold:

Sprint Spectrum L.P. ("Sprint") hereby requests acknowledgement that Sprint's proposed co-location on the Springwich Cellular Limited Partnership, LLC ("SCLP") communications tower located at 4 Elkington Farm Road, New Milford, Connecticut ("SCLP New Milford Facility") constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). Under this request for acknowledgment, SCLP intends to allow Sprint to install antennas and related equipment at this existing telecommunications facility in New Milford. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of modification to an existing telecommunications tower, which constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the Mayor of New Milford, Arthur J. Peitler.

The existing facility consists of a 150-foot monopole and related equipment located at 4 Elkington Farm Road, New Milford, Connecticut. This tower currently contains a single antenna array operated by SCLP. Sprint plans to attach nine panel antennas to the tower at a height of 140 feet. In addition to the antennas, Sprint may install up to seven equipment cabinets on a frame near the base of the tower within the existing site compound.

The proposed modifications to the SCLP New Milford Facility fall squarely within and satisfy the requirements set forth in R.C.S.A. § 16-50j-72(b)(2):

1. The proposed modifications will not increase the height of the tower. Sprint's antennas will be installed at a centerline of approximately 140 feet above ground level (AGL). Sprint's GPS antenna will be mounted to the tower at a height of 75 feet AGL. The site plan, attached as Exhibit A, confirms that the proposed Sprint installation will not increase the overall height of the tower.

2. The installation of Sprint's equipment near the base of the tower, as reflected on the attached site plan, will not require an extension of the site boundaries. Sprint's proposed equipment location, fencing, access and utility routing will be located entirely within the existing site.

3. The proposed modifications will not increase the noise levels at the SCLP New Milford Facility by six decibels or more.

4. The operation of the additional antennas will not increase the total radio frequency (RF) power density, measured at the site boundary, to a level at or above the applicable standard. The "worst-case" RF power density calculation for a point at the tower base would be 0.079806 mW/cm<sup>2</sup> for the Sprint antennas. The calculated "worst-case" power density for the combined operations at the site is 13.16 % of the standard for general population/uncontrolled exposure.

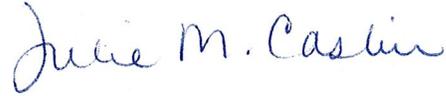
**CT33XC097 - SNET Tower, New Milford, CT  
Cumulative Worst Case Power Density Analysis of Sprint PCS and SCLP Antennas**

<b>Operator</b>	<b>Operating Frequency</b>	<b>Distance to Target</b>	<b>Calculated Power Density</b>	<b>Maximum Permissible Exposure*</b>	<b>Fraction of MPE</b>
	<b>(MHz)</b>	<b>(feet)</b>	<b>(mW/cm<sup>2</sup>)</b>	<b>(mW/cm<sup>2</sup>)</b>	<b>(%)</b>
<b>SNET</b>	<b>880</b>	<b>150</b>	<b>0.030400</b>	<b>0.5867</b>	<b>5.18%</b>
<b>Sprint PCS</b>	<b>1962.5</b>	<b>140</b>	<b>0.079806</b>	<b>1.00</b>	<b>7.98%</b>

**Total Percentage of  
Maximum Permissible Exposure** **13.16%**

For the foregoing reasons, Sprint respectfully submits that the proposed addition of Sprint's antennas and equipment at the SCLP New Milford Facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

A handwritten signature in blue ink that reads "Julie M. Cashin". The signature is written in a cursive style.

Julie M. Cashin

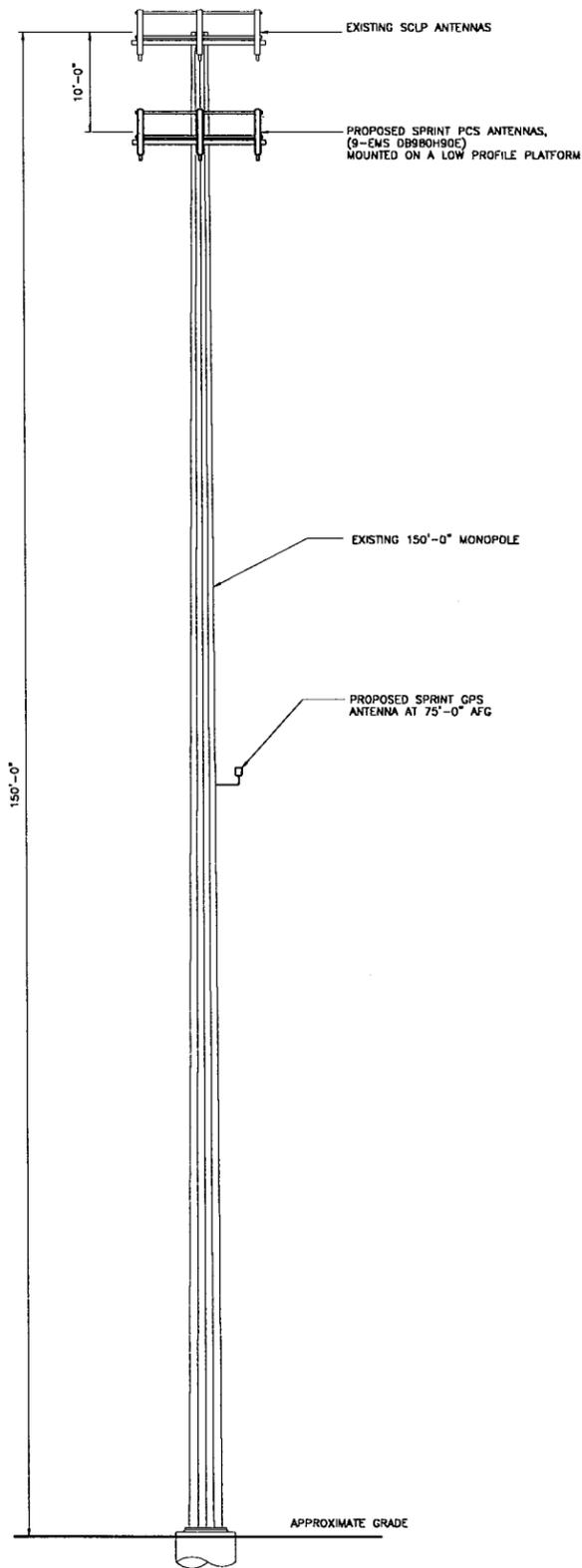
cc: Arthur J. Peitler, Mayor  
Karen Nielsen, Sprint Spectrum LP  
Michelle Briggs Springwiche Cellular Limited Partnership.

**Waymart 2 CT33XC097 (SNET)  
Worst Case Power Density Analysis of Sprint PCS Antennas @ Base of Tower. Assumes Max ERP & No Antenna Pattern Adjustment**

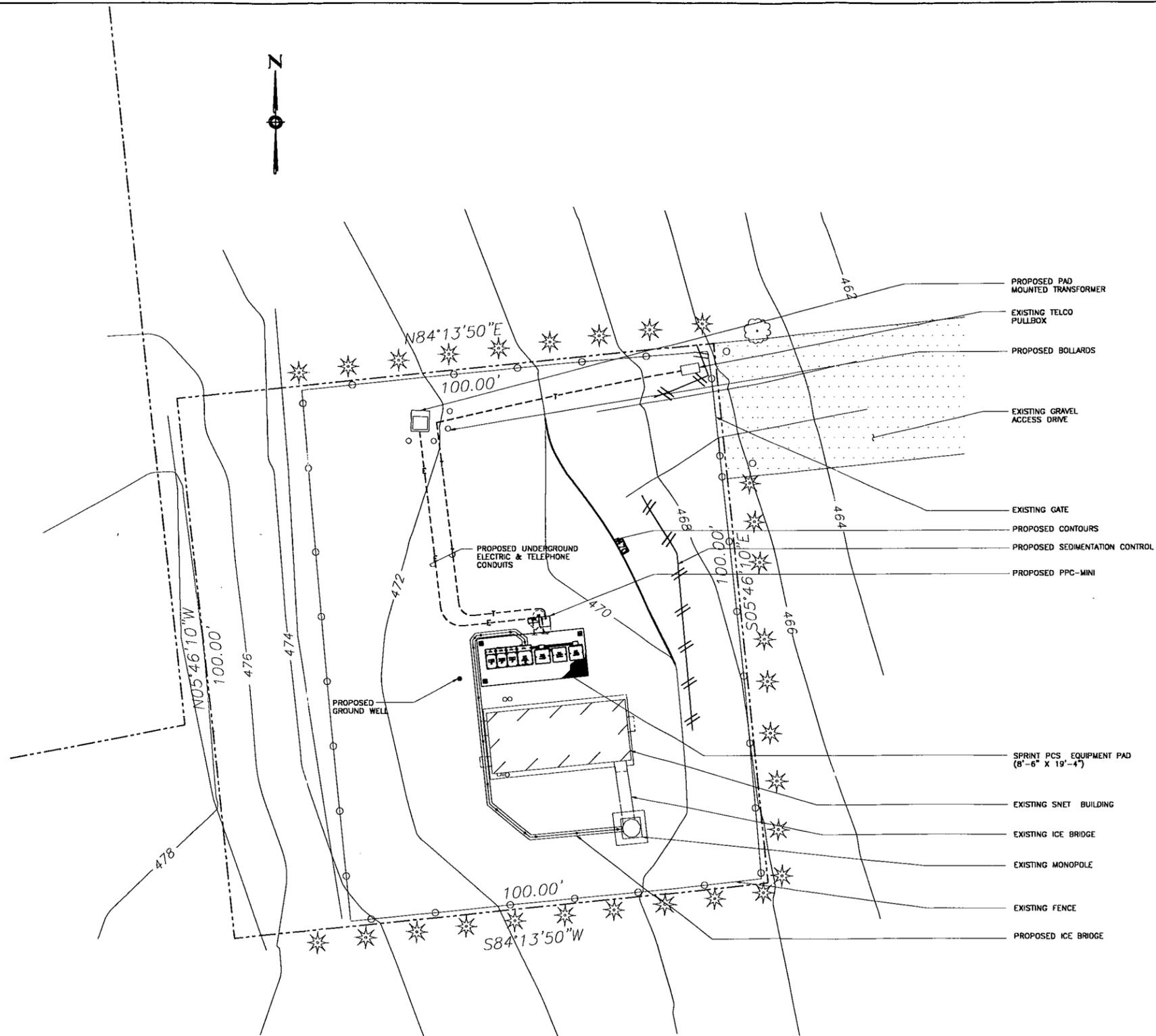
Operating Frequency (MHz)	Number of Trans.	Effective Radiated Power (ERP) Per Transmitter (Watts)	Total ERP (Watts)	Antenna Height (Feet)	Distance From Base of Tower (Feet)	Calculated Power Density (mW/cm <sup>2</sup> )	Maximum Permissible Exposure*	%MPE
1962.5	11	395	4345	140	0	0.079806	1	7.9806%
1962.5	11	395	4345	140	50	0.070778	1	7.0778%
1962.5	11	395	4345	140	100	0.052845	1	5.2845%
1962.5	11	395	4345	140	150	0.037154	1	3.7154%
1962.5	11	395	4345	140	200	0.026245	1	2.6245%
1962.5	11	395	4345	140	250	0.019052	1	1.9052%
1962.5	11	395	4345	140	300	0.014272	1	1.4272%
1962.5	11	395	4345	140	350	0.011008	1	1.1008%
1962.5	11	395	4345	140	400	0.008709	1	0.8709%
1962.5	11	395	4345	140	450	0.007043	1	0.7043%
1962.5	11	395	4345	140	500	0.005802	1	0.5802%

\*Requirements set forth in OET Bulletin 65. Based on NCRP Report No. 86 and ANSI/IEEE C95.1-1992





2 TOWER ELEVATION  
C-1 SCALE: 1/8" = 1'-0"



1 SITE DEVELOPMENT PLAN  
C-1 SCALE: 1" = 10'-0"

C-1.dwg 3/26/99 21708

**URS Greiner Woodward Clyde**  
A-E-S  
500 ENTERPRISE DRIVE  
ROCKY HILL, CONNECTICUT  
1-(860)-529-8882

NEW MILFORD  
4 ELKINGTON FARM ROAD  
NEW MILFORD, CONNECTICUT

**Sprint PCS**  
HARTFORD MTA  
SITE NO. CT03XC097

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	12/29/98	ISSUED FOR SITE COUNCIL	DVD	AK	DR
2	8/12/99	ISSUED FOR REVIEW	DVD	AK	DR

**Sprint PCS**  
SITE DEVELOPMENT  
PLAN & TOWER ELEVATION  
JOB NO. F301772.51/F03  
DRAWING NUMBER SC-1  
REV 1