



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

March 26, 1999

Christopher F. Ciolfi
Manager Real Estate/Zoning
Bell Atlantic Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

Re: DOCKET NO. 155 - Bell Atlantic Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility located in the Town of Darien, Connecticut. Notice of Intent to Modify Facility. (EM-BAM-035-990310).

Dear Mr. Ciolfi:

At a public meeting held on March 24, 1999, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Darien, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated March 8, 1999. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/jlh

c: Honorable Robert F. Harrel, Jr., First Selectman, Town of Darien

EM-BAM-035-990310
(Docket No. 155)

ⓐ Bell Atlantic Mobile

20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492-2430
203-269-8858

RECEIVED

MAR 10 1999

CONNECTICUT
SITING COUNCIL



March 8, 1999

Mr. Joel M. Rinebold, Executive Director
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, Connecticut 06051

Re: Bell Atlantic Mobile - Darien Cell Site (Docket No. 155)

Dear Mr. Rinebold:

Bell Atlantic Mobile ("BAM" or the "Company") plans to allow Sprint Spectrum L.P. (Sprint) to install antennas and related equipment at the existing BAM facility in Darien, Connecticut. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b). In compliance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the First Selectman of Darien.

The existing facility consists of a 100' monopole and equipment shelters at the Town of Darien waste transfer station off of Ledge Road in Darien. The site currently is shared with Springwiche Cellular Limited Partnership ("Springwiche") and Nextel Communications (Nextel). This facility was approved by the Connecticut Siting Council in its December 30, 1992 Decision and Order in Docket No. 155.

Sprint plans to mount three (3) panel antennas, Model EMS RR65-18-00P, approximately 56" in height, on the tower and to install a concrete pad to place their equipment on, adjacent to the tower. As landlord, the Town of Darien has reviewed and approved this additional use of the site by Sprint, including the antennas and equipment specified herein.

The addition of Sprint's antennas and equipment to the tower site does not constitute a modification as defined in C.G.S. § 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b).

First, the height of the tower will be unaffected. Sprint's antennas will be installed with the center of radiation at approximately the 70' level of the tower. The planned changes will not increase the overall height of the tower.

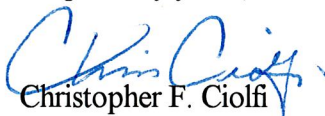
Second, the proposed additions will not extend the site boundaries. Sprint's proposed equipment pad will be located at the southwest corner of the site. The proposed changes are shown on the attached site plan.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. The only additional noise will be from the cooling mechanisms for Sprint's equipment.

Fourth, operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to a level at or above the applicable ANSI/NCRP standards. A "worst-case" calculation for a point at the base of the tower indicates that BAM's cellular operations result in 0.0683 mW/cm^2 , or 11.71% of the applicable standard and Springwich's cellular operations result in 0.0843 mW/cm^2 , or 14.29% of the applicable standard. A "worst-case" calculation for a point at the base of the tower indicates that Nextel's operations result in 0.0505 mW/cm^2 , or 8.84% of the standard. Additionally, a "worst case" calculation for a point at the base of the tower indicates that Sprint's operation would add $.0984 \text{ mW/cm}^2$, or 9.84% of the standard. Thus, the calculated "worst-case" power density for the combined operations at the site is 44.68% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

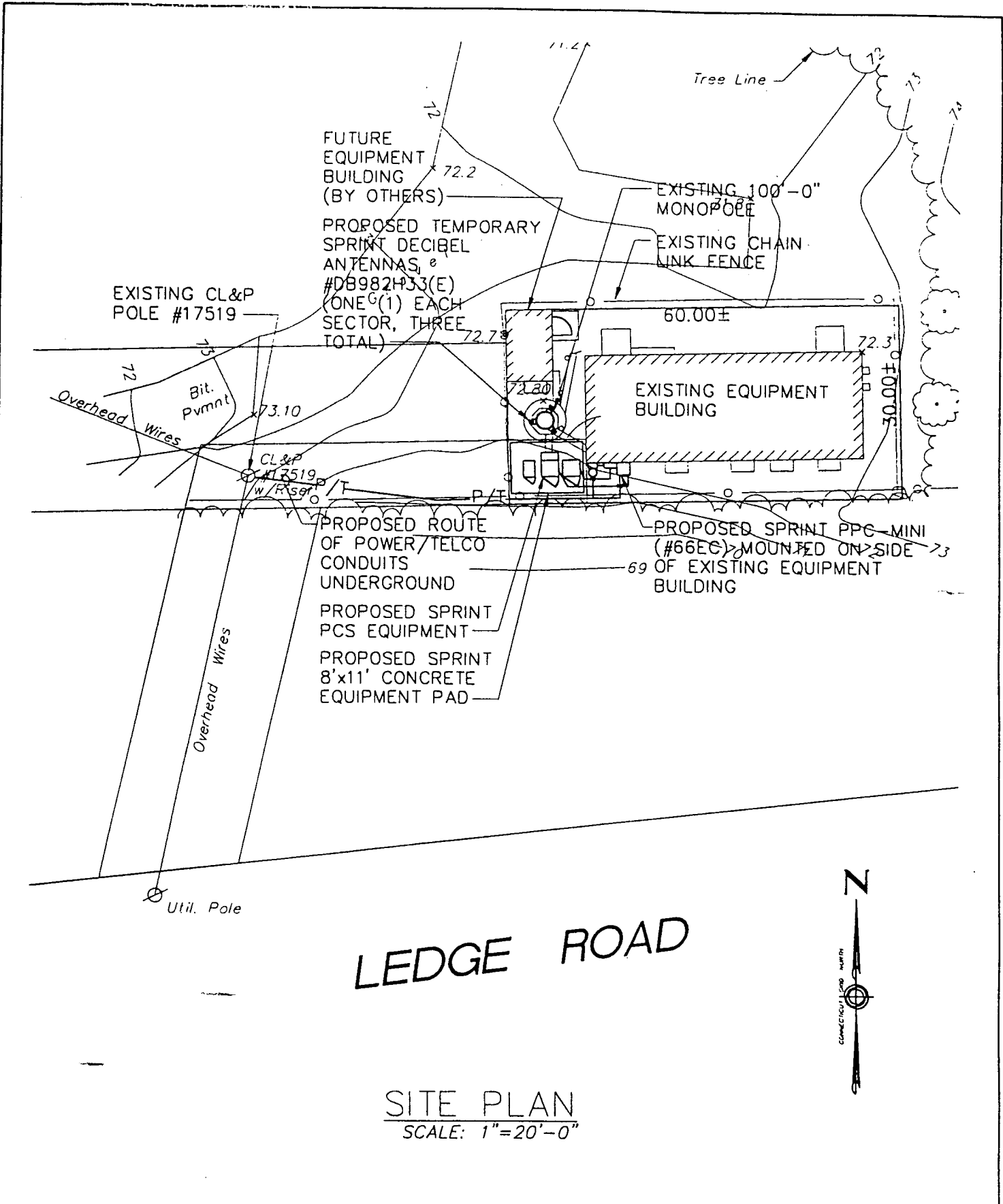
For the foregoing reasons, BAM respectfully submits that the proposed addition of antennas and equipment at the Darien facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b).

Respectfully yours,


Christopher F. Ciolfi
Manager Real Estate / Zoning

enclosures

cc: Honorable Robert F. Harrel, Jr., First Selectman



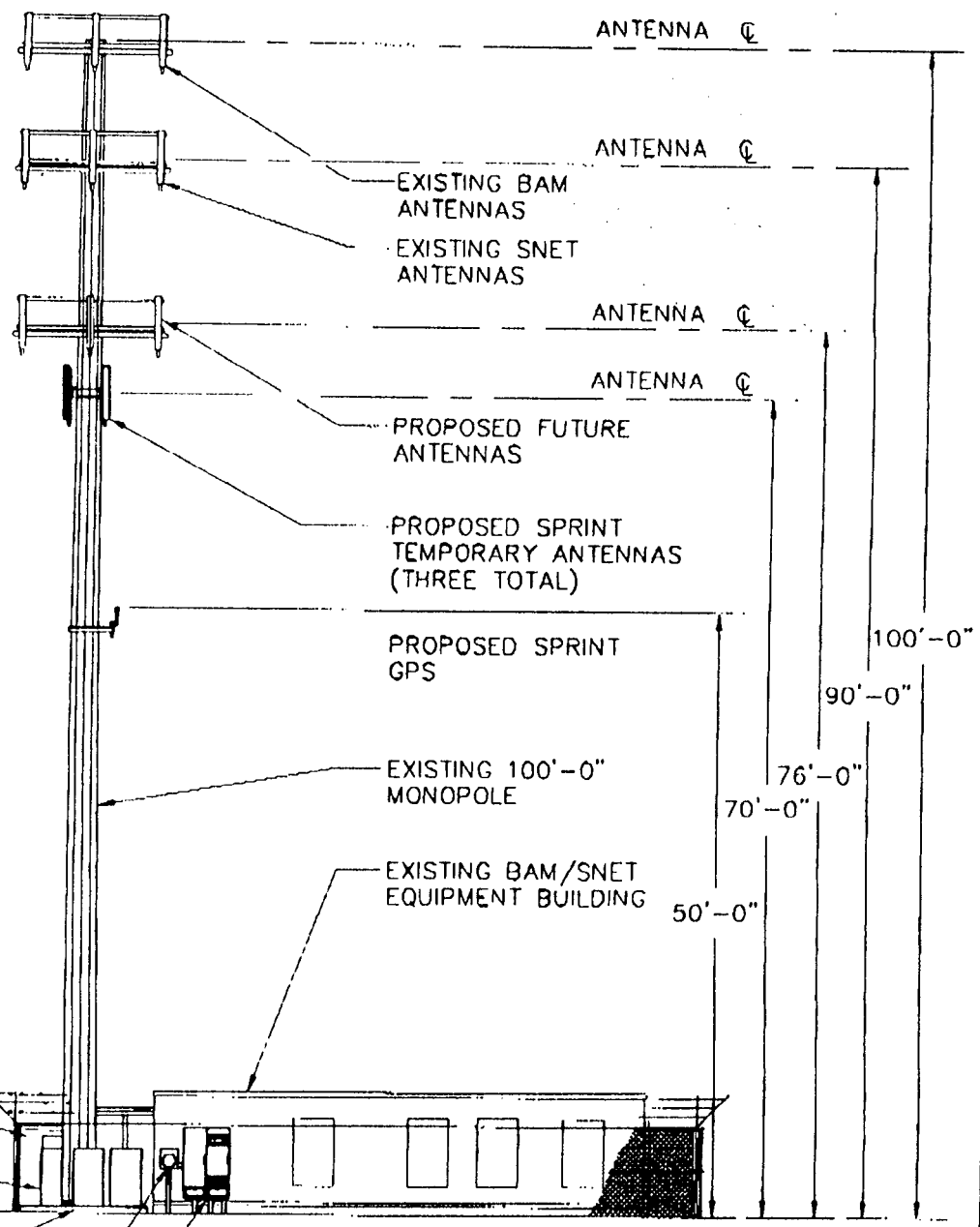
SITE NO: CTOJXC357
 Designed by:
 Drawn by: JGB
 Checked by: AA
 Approved by: DJR

URS Greiner, Inc.
A-E-S
 500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-(860) 529-8682

SPRINT PCS
9 BARNES INDUSTRIAL ROAD
WALLINGFORD, CT
EXISTING TELECOM. FACILITY
LEDGE ROAD
DARIEN, CT

1	9/18/98	ISSUED FOR REVIEW
REV. DATE:		DESCRIPTION
Scale:	AS SHOWN	Date: 09/18/98
Job No:	F301772.12	File No. L-1

Orig. No.
L-1
 Orig. 1 of 2



ELEVATION PLAN
SCALE: 1"=15'-0"

- FUTURE EQUIPMENT BUILDING (BY OTHERS)
- PROPOSED SPRINT PCS EQUIPMENT
- PROPOSED SPRINT 8'x11' CONCRETE EQUIPMENT PAD
- PROPOSED SPRINT KWH METER MOUNTED NEXT TO PPC-MINI
- PROPOSED SPRINT PPC-MINI (#66EC) MOUNTED ON SIDE OF EXISTING EQUIPMENT BUILDING

SITE NO: cfo3nc3d7
 Drawn by: JGB
 Checked by: AA
 Approved by: DJM

URS Greiner, Inc.
A·E·S
 800 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-(860) 520-8882

SPRINT PCS
9 BARNES INDUSTRIAL ROAD
WALLINGFORD, CT

EXISTING TELECOM. FACILITY
LEDGE ROAD
DARIEN, CT

1	1/2/00	ISSUED FOR REVIEW
REV.	DATE:	DESCRIPTION
Scale: AS SHOWN		Date: 09/18/98
Job No: F301772.12		Proj. No. L-2

Proj. No.
L-2
 Day 2 of 2

© Bell Atlantic Mobile

20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492-2430
203-269-8858



March 8, 1999

Honorable Robert F. Harrel, Jr., First Selectman
Town of Darien
2 Renshaw Road
Darien, CT 06820

Dear First Selectman Harrel:

As you know, consistent with the State policy of encouraging tower sharing, Bell Atlantic Mobile (the "Company") plans to allow Sprint Spectrum LP. to share its telecommunications site off of Ledge Road in Darien. As required by Section 16-50j-73 of the Regulations of Connecticut State Agencies ("R.C.S.A."), please accept this letter and the attached letter to the Connecticut Siting Council as notice of intent to construct an "exempt modification" pursuant to R.C.S.A. Section 16-50j-72(b).

The attached letter fully sets forth the Company's proposal, which is consistent with the plans reviewed and approved by the Town. However, if you have any questions or require any further information on the plans for the site or the Siting Council's procedures, please call me at 203-741-7192 or Mr. Joel M. Rinebold, Executive Director of the Connecticut Siting Council, at (860) 827-2935.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Ciolfi".

Christopher F. Ciolfi
Manager Real Estate / Zoning

enclosure