

CLOUTIER DOMNARSKI & EDDY

ATTORNEYS AT LAW
29 ELM STREET
P.O. BOX 831
OLD SAYBROOK, CONNECTICUT 06475
(860)388-3456
FAX (860)388-6374

RECEIVED

FEB 25 2000

CONNECTICUT
SITING COUNCIL

THOMAS A. CLOUTIER*
EDWARD S. DOMNARSKI
JEFFREY C. EDDY

*BOARD CERTIFIED TRIAL LAWYER

February 24, 2000

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

**RE: Cellco Partnership Lease of Tower Site
Located at 49 Wig Hill Road, Chester, CT
Owned by Mr. and Mrs. Bruce Rayner, Easement Provided By
Mr. and Mrs. Bernard Negrelli**

Dear Mr. Rinebold:

You may recall that I wrote to you on December 16, 1999, regarding some issues that the landowners I represented had with Cellco.

I write to inform you that the lessee has addressed the issues mentioned in my letter.

Thank you for your attention to this matter.

Very truly yours,

Edward S. Domnarski /lgs

Edward S. Domnarski

ESD/lgs

cc: Kenneth C. Baldwin, Esq.

Dictated, but not read.

n:/letters/esd/rinebold

ROBINSON & COLE LLP

HARTFORD • STAMFORD • GREENWICH • NEW YORK • BOSTON

LAW OFFICES

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Hartford, CT 06103-3597
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Kenneth C. Baldwin
860-275-8345
Internet: kbaldwin@rc.com

February 2, 2000

Via Hand Delivery

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

Re: Chester Cell Site - Docket No. 181

Dear Mr. Rinebold:

Enclosed are three photographs which I received this morning from Anthony Builders Company showing the work that was completed to repair the erosion problems on the driveway leading to the Chester site. Each photograph shows the rock-lined drainage swale installed on the northerly edge of the driveway as described in my January 28, 2000 letter. Photograph No. 3 also shows how the drainage swale, at the bottom of the hill is diverted further north to a natural drainage area. Hal Giglio, Crown's construction manager is confident that these improvements will resolve the erosion problem on the existing driveway.

Sincerely,



Kenneth C. Baldwin

KCB/kmd
Enclosures
cc: Hal Giglio

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FEB - 2 2000

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January 28, 2000

Via Facsimile and U.S. Mail

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

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JAN 31 2000

CONNECTICUT
SITING COUNCIL

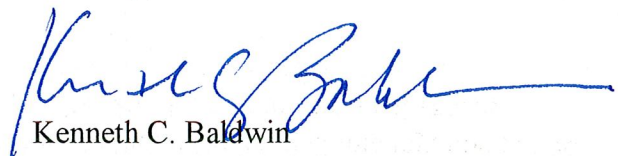
Re: Chester Cell Site - Docket No. 181

Dear Mr. Rinebold:

I am writing to follow-up on our discussion of last week regarding the driveway repairs at the Chester cell site. As promised, Crown's contractor, Anthony Building Company, completed the repairs to the access driveway on Monday, January 24, 2000, prior to our most recent snowfall. To resolve the driveway erosion problem, the contractor created a drainage swale, lined with riprap, along the northerly side of the driveway in the affected area. This swale will channel stormwater run-off along the side of the driveway to a point where the water enters a small collection area and a culvert for discharge to a on-site wetland. The culvert and collection area are existing. The erosion problem was the result of stormwater running off an adjacent slope along the north side of the driveway, then across the driveway surface in this area. Crown's contractor is confident that this drainage swale will resolve this erosion problem. The contractor has taken photographs of the work, which I will forward to you as soon as I receive them.

Hal Giglio has already contacted Paul Aresta who has schedule an inspection for Tuesday, February 1, 2000. If you have any questions or need any additional information prior to the Council's February 2, 2000 meeting, please contact me.

Sincerely,



Kenneth C. Baldwin

KCB/kmd

cc: Hal Giglio
Christopher F. Ciolfi

ROBINSON & COLE LLP

Facsimile Transmission Sheet

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Date: January 19, 2000 **No. of Pages (including cover):** 2

Recipient(s) List

Name	Company	Facsimile Number	Phone Number
Joel M. Rinebold	Connecticut Siting Council	860-827-2950	860-827-2935
Hal Giglio		860-345-4602	860-345-4602

Additional Message:

If transmission is not clearly or completely received, please call the fax operator at (860) 275-8200 x 8167.

Confidentiality Note: The documents accompanying this facsimile transmission may contain confidential or privileged information from the law firm of ROBINSON & COLE^{LLP}. This information is intended for use by the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange retrieval of the faxed documents.

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January 19, 2000

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

JAN 19 2000

CONNECTICUT
SITING COUNCIL**Re: Chester Cell Site (CSC Docket No. 181)**

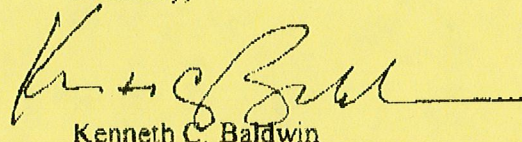
Dear Mr. Rinebold:

I spoke with Hal Giglio this morning. Hal is Crown's construction manager and has been working with the property owner and the telecommunications providers in Chester. Hal confirmed for me that, as described in my December 30, 1999 letter to you, he did meet with the site contractor, Anthony Building Company, at the Chester site on Monday, January 3. The contractor planned to repair the access driveway on Monday, January 10 or Tuesday, January 11. Unfortunately, this schedule was disrupted by our first winter storm of the year and the subsequent sub-zero temperatures.

Hal spoke to Anthony Building Company this morning. They have committed to commence work tomorrow, weather permitting, and have assured us that the work can be completed in one day. Even if it snows tomorrow as predicted, the contractor is confident the work can be complete by Monday, January 24.

I will call you on Friday to update you on our progress. Please contact me if you have any additional questions or concerns.

Sincerely,



Kenneth C. Baldwin

KCB/kmd

cc: Hal Giglio

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Facsimile Transmission Sheet

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Kenneth C. Baldwin
860-275-8345
Internet kbaldwin@rc.com

Date: December 30, 1999 No. of Pages (including cover): 2

Recipient(s) List

Name	Company	Facsimile Number	Phone Number
Joel M. Rinebold	Connecticut Siting Council	860-827-2950	860-827-2935
Hal Giglio		860-345-4602	860-345-4602
Edward S. Domnarski, Jr., Esq.	Cloutier & Domnarski	860-388-6374	860-388-3456

Additional Message:

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Kenneth C. Baldwin
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December 30, 1999

Via Facsimile

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

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JAN - 3 2000

CONNECTICUT
SITING COUNCIL**Re: Chester Cell Site (CSC Docket No. 181)**

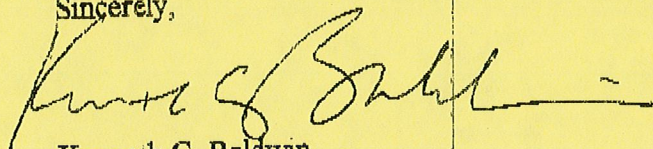
Dear Mr. Rinebold:

I am writing to follow-up on our recent conversation and your letter to Attorney Edward Domnarski regarding the Chester cell site. I spoke with Hal Giglio, construction manager for Crown Atlantic this morning. Mr. Giglio confirmed that the contractor who will be repairing the erosion problems along the access driveway was on-site last Friday and will be meeting Mr. Giglio at the site on Monday, January 3, 2000. Mr. Giglio expects that the repairs will be completed shortly thereafter.

In addition, Mr. Giglio has spoken to Mr. and Mrs. Rayner with respect to the condition of the site and the access driveway and will remain available to them if they have any questions or concerns.

I will contact you as soon as the roadway repairs are completed. Have a Happy New Year.

Sincerely,



Kenneth C. Baldwin

KCB/kmd

cc: Hal Giglio
Edward S. Domnarski, Jr., Esq.



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
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December 29, 1999

Edward S. Domnarski
Cloutier Domnarski & Eddy
29 Elm Street
P.O. Box 831
Old Saybrook, CT 06475

RE: EM-BAM-026-990917 - Bell Atlantic Mobile notice of intent to modify an existing telecommunications facility located at 49 Wig Hill Road in Chester, Connecticut. (Docket No. 181)

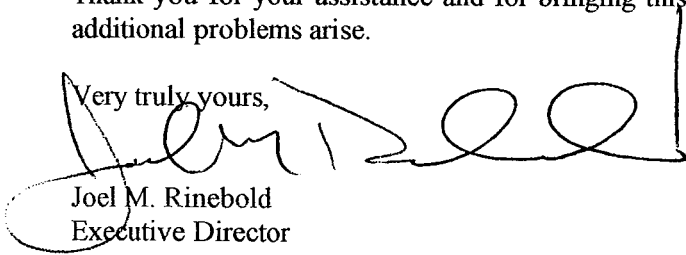
Dear Attorney Domnarski:

In response to your letter dated December 16, 1999, with attachment dated November 5, 1999, the Council does not have jurisdiction to establish or enforce the amount of compensation associated with lease agreements or private contracts. However, it is my understanding that Cellco Partnership or Crown Atlantic Company will honor their lease agreement with payment of the disputed amount in the near term future.

The Council does, however, take the matter of erosion control and affects on the environment very seriously and is involved in the stabilization of the road at this time. I have enclosed letters dated October 6, 1999, and December 16, 1999, for your information to document these corrective actions. While Bell Atlantic has verbally agreed to these corrective actions, any further delay may result in enforcement of the Council's Certificate.

Thank you for your assistance and for bringing this information to my attention. Please call me if any additional problems arise.

Very truly yours,



Joel M. Rinebold
Executive Director

C: Kenneth C. Baldwin, Robinson & Cole (w/enclosures)
David S. Malko, Bell Atlantic Mobile (w/enclosures)
Robert Marconi, Office of the Attorney General (w/enclosures)



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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October 6, 1999

David S. Malko
Bell Atlantic Mobile
20 Alexander Drive
Wallingford, CT 06492

RE: **DOCKET NO. 181** - Cellco Partnership d/b/a Bell Atlantic Mobile application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications tower and associated equipment located at 8 Inspiration Lane, or 49 Wig Hill Road in the Town of Chester, Connecticut.

Dear Mr. Malko:

On Wednesday, October 6, 1999, Council staff inspected the site of this cellular telecommunications tower and associated equipment located at 49 Wig Hill Road in the Town of Chester, Connecticut. Evidence of erosion was present on the site access road from station 17+50 to station 21+00 right, and from station 17+50 to station 18+00 left. The material eroded from the access road is being deposited near the silt fencing at the limit of the inland wetlands at station 17+50 left. Steps should be undertaken to remedy the erosion of the site access road and prevent additional sedimentation.

Please notify the Council as soon as this deficiency has been corrected.

Yours very truly,

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

Joel M. Rinebold
Executive Director

JMR/PMA



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Phone: (860) 827-2935
Fax: (860) 827-2950

December 17, 1999

David S. Malko
Bell Atlantic Mobile
20 Alexander Drive
Wallingford, CT 06492

RE: **DOCKET NO. 181** - Cellco Partnership d/b/a Bell Atlantic Mobile application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications tower and associated equipment located at 8 Inspiration Lane, or 49 Wig Hill Road in the Town of Chester, Connecticut.

Dear Mr. Malko:

On Thursday, December 16, 1999, Council staff inspected the site of this cellular telecommunications tower and associated equipment located at 49 Wig Hill Road in the Town of Chester, Connecticut. Erosion of the access road continues to occur since the last inspection described in the letter dated October 6, 1999. For your convenience, my previous comments are restated below.

Evidence of erosion was present on the site access road from station 17+50 to station 21+00 right, and from station 17+50 to station 18+00 left. The material eroded from the access road is being deposited near the silt fencing at the limit of the inland wetlands at station 17+50 left. Steps should be undertaken to remedy the erosion of the site access road and prevent additional sedimentation.

Please call me or Paul M. Aresta if you have any questions.

Please notify the Council as soon as this deficiency has been corrected.

Yours very truly,



Joel M. Rinebold
Executive Director

JMR/PMA

CLOUTIER DOMNARSKI & EDDY

ATTORNEYS AT LAW
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P.O. BOX 831
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DEC 20 1999

CONNECTICUT
SITING COUNCIL

THOMAS A. CLOUTIER*
EDWARD S. DOMNARSKI
JEFFREY C. EDDY
*BOARD CERTIFIED TRIAL LAWYER

December 16, 1999

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

**RE: Cellco Partnership Lease of Tower Site
Located at 49 Wig Hill Road, Chester, CT
Owned by Mr. and Mrs. Bruce Rayner, Easement Provided By
Mr. and Mrs. Bernard Negrelli**

Dear Mr. Rinebold:

Please be advised that I represent the above individuals, who have entered into a Lease and Easement Agreement with Cellco Partnership d/b/a Bell Atlantic NYNEX Mobile.

I am writing to inform you that the Lessee has not fulfilled it's obligations under the Lease Agreement. I have brought this matter to the attention of Lessee's counsel, Edward P. Scherer and my letter to him of November 5, 1999, is enclosed for your information.

If your office is interested in ensuring that telecommunications companies abide by their agreements, I would like to discuss this matter with you further. Thank you for your cooperation.

Very truly yours,


Edward S. Domnarski

ESD/lgs

Enclosure

cc: Mr. & Mrs. Rayner
Mr. & Mrs. Negrelli
Atty. Scherer

n:/letters/esd/rinebold

CLOUTIER DOMNARSKI & EDDY

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THOMAS A. CLOUTIER*
EDWARD S. DOMNARSKI
JEFFREY C. EDDY
*BOARD CERTIFIED TRIAL LAWYER

November 5, 1999

Edward P. Scherer, Esquire
Robinson & Cole, LLP
280 Trumbull Street
Hartford, CT 06103-3597

**RE: Cellco Partnership Lease of Tower Site
Located at 49 Wig Hill Road, Chester, CT
HRT 2069**

Dear Ed:

As you know, I represent Mr. and Mrs. Rayner and Mr. and Mrs. Negrelli who have entered into agreements with Cellco pertaining to the erection of a telecommunications facility.

Unfortunately, problems have arisen because Cellco has failed to live up to its obligations under the lease agreement. Mrs. Rayner has attempted to obtain satisfaction from various members of the Bell Atlantic Mobile organization without success.

The first problem concerns additional rental to be paid from co-user use. This is a four-array tower and antennas have been installed on all three arrays. It is obvious that in addition to Bell Atlantic Mobile, there are two co-users. As best we can determine, Nextel commenced operations in June of 1999. Southern New England Telephone, we believe, went on line in July of 1999. We have been unable to determine when the third co-user went on line. As you know, under the lease, \$250.00 per month must be paid for each co-user's use of the tower. We calculate there is \$1,500.00 due for Nextel's use of the tower through November and \$1,250.00 due for Southern New England Telephone's use of the tower through November.

Edward P. Scherer, Esquire
November 5, 1999
Page 2

The second problem pertains to the road between the Negrelli driveway and the tower. The road which is constructed of gravel and processed stone has been washing out and silt is going past the silt fences. I presume that your client is aware of this condition. If it is not corrected with thirty (30) days, we will have no alternative but to report the matter to the Chester Building Department.

Ed, as you know, we spoke about the co-user issue in August of this year. I hope that your client will now respond. If your Firm is no longer representing the owner of the tower or if you are stymied in your efforts to address these problems, please notify me immediately so that I can bring these matters to the attention of the Siting Counsel.

Very truly yours,

Edward S. Domnarski

ESD/lgs

cc: Mr. and Mrs. Rayner
Mr. and Mrs. Negrelli

n:/letters/esd/scherer



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

October 12, 1999

Kenneth C. Baldwin
Robinson & Cole
One Commercial Plaza
280 Trumbull Street
Hartford, CT 06103-3597

RE: EM-BAM-026-990917 - Bell Atlantic Mobile notice of intent to modify an existing telecommunications facility located at 49 Wig Hill Road in Chester, Connecticut. (Docket No. 181)

Dear Attorney Baldwin:

At a public meeting held on October 8, 1999, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Chester, 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 September 16, 1999, and in additional information dated September 24, 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 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 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/SL/sll

cc: Honorable Martin L. Heft, First Selectman, Town of Chester
J. Brendan Sharkey, Esq., Omnipoint Communications
Sandy M. Carter, Manager - Regulatory, Bell Atlantic Mobil
Ronald C. Clark, Manager - Real Estate, Nextel Communications
Peter W. van Wilgen, Director - Real Estate Operations, SNET Wireless, Inc.
Steve Kotfila, Site Development Manager, Sprint PCS

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Internet: kbaldwin@rc.com

September 24, 1999

*Via Facsimile*Steven Levine
Siting Analyst
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051Re: **Crown Atlantic Company, LLC ("Crown")**
Exempt Modification Filings**RECEIVED**

SEP 24 1999

**CONNECTICUT
SITING COUNCIL**

Dear Mr. Levine:

As you requested, enclosed are the structural analyses for the Crown towers at Hartford and Haddam. Also enclosed is the table showing the RF power density calculation completed by Omnipoint for their antennas on the Chester facility. I have confirmed that the character of the land and surrounding land uses at the Haddam facility have not changed since the tower was approved by the Council. Finally, the power density calculations included in our September 16, 1999 filing includes the power density calculations for the microwave dish antennas.

Please contact me if you need any additional information. Thank you for your cooperation.

Sincerely,


Kenneth C. BaldwinKCB/kmd
Enclosurescc: Dean Olsen
Hal Giglio
Ronald Clark
J. Brendan Sharkey, Esq.
Jennifer Young Gaudet

Worst Case Power Density for installation on BAH Tower @ 49 Wig Hill Rd, Chester, CT

Region 11 - Connecticut

Power Density Calculation - Worst Case

Base Station TX output	20 W	43.01
Number of channels	2	
Antenna Model	DABA-49210	
Antenna Gain	20 dBi	
Cable Size	1 5/8"	
Cable Length	330 ft	
Jumper & Connector Loss	1 dB	
Cable Loss per foot	0.0176	
Total Cable Loss	1.508 dB	
Total Attenuation	2.508 dB	
Total EIRP per channel	60.50 dB	1122.61 W
Total EIRP per sector	63.51 dB	2245.23 W
Ground Reflection	1.6	
Frequency	1930 MHz	
Antenna Height	106 ft	3261.84 cm
msq	17.492	
Power Density (S) =	0.063703 mW/cm ²	

Equation Used:

$$P_{density} = \frac{P_{EIRP} \times 10^{-1} \times 10^{-1}}{4 \pi R^2}$$

Office of Engineering and Technology (OET) Bulletin 65, Edition 97-01, August 1997

Combined power density after Omnipoint will be 0.063703 Mw/cm²
 Total Percentage Maximum Permissible Exposure will be 6.3703%

09/16/99 THU 09:51 [TX/RX NO 98291]

TOTAL P.82



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

September 20, 1999

Honorable Martin L. Heft
First Selectman
Town of Chester
Town Office Building
65 Main St., P.O. Box 328
Chester, CT 06412

RE: EM-BAM-026-990917 - Bell Atlantic Mobile notice of intent to modify an existing telecommunications facility located at 49 Wig Hill Road in Chester, Connecticut. (Docket No. 181)

Dear Mr. Heft:

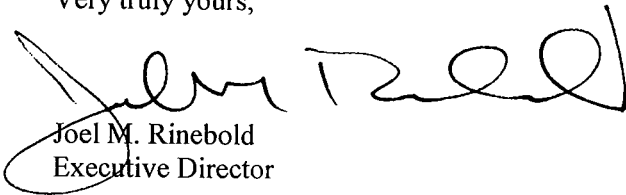
The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Friday, October 8, 1999, at 10:00 a.m. in Hearing Room One, 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,



Joel M. Rinebold
Executive Director

JMR/jlh

Enclosure: Notice of Intent

EM-BAM-026-990917
(Docket No. 181)

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Internet: kbaldwin@rc.com

September 16, 1999

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

RECEIVED

SEP 17 1999

**CONNECTICUT
SITING COUNCIL**

**Re: Notice of Exempt Modification
Siting Council Docket No. 181
Chester, Connecticut**

Dear Mr. Rinebold:

Bell Atlantic Mobile ("BAM") holds the Siting Council certificate for the existing telecommunications tower and related facility in Chester, Connecticut (Docket No. 181). BAM intends to allow Omnipoint Communications, Inc. ("Omnipoint") to install six panel-type antennas and related equipment at the existing facility in Chester. 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)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the Chester First Selectman, Martin L. Heft.

The existing Chester facility consists of a 150-foot self-supporting monopole and related equipment at 49 Wig Hill Road in Chester. This facility was approved by the Siting Council on May 13, 1998. This tower currently supports antennas of Celco Partnership d/b/a Bell Atlantic Mobile ("BAM"), Sprint Spectrum LP ("Sprint"), Springwiche Cellular Limited Partnership ("Springwiche"), and Nextel Communications, Inc. ("Nextel"). The Development and Management Plan for this site was approved by the Council on August 6, 1998, and included a concrete slab within the site compound for future use by Omnipoint.

Omnipoint now plans to attach six panel-type antennas to the tower at the 108-foot level. Omnipoint will install a Nortel S8000 equipment cabinet near the base of the tower. (See tower

ROBINSON & COLE LLP

Joel M. Rinebold
September 16, 1999
Page 2

profile, site plan and equipment specifications attached hereto as Exhibit A). The existing tower is structurally capable of supporting Omnipoint's use.

The planned modifications to the Chester facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not increase the height of the tower. Omnipoint's antennas will be installed with a center line at the 108 feet level. The enclosed tower drawing confirms that the planned modifications will not increase the overall height of the tower.
2. The installation of Omnipoint equipment near the base of the tower, as reflected on the attached site plan, will not require an extension of the site boundaries. Omnipoint's proposed equipment cabinet will be located entirely within the existing fenced area.
3. The proposed modifications to the facility will not increase the noise levels at the existing facility by six decibels or more. Omnipoint's equipment is self-contained and requires no additional heating, ventilation or cooling equipment.
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 calculations, for a point at the site boundary, for existing operations of BAM, Sprint, Nextel and Springwich antennas would be 20.82% of the FCC Standard. Omnipoint's operations would add 0.0422 mW/cm² (4.22% of the FCC Standard). Therefore, the calculated "worst case" power density for the planned combined operation at the Chester site including Omnipoint antennas would be 25.04% of the FCC Standard as measured for a mixed frequency site.

For the foregoing reasons, Crown respectfully submits that the proposed addition of antennas and equipment at the Chester facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

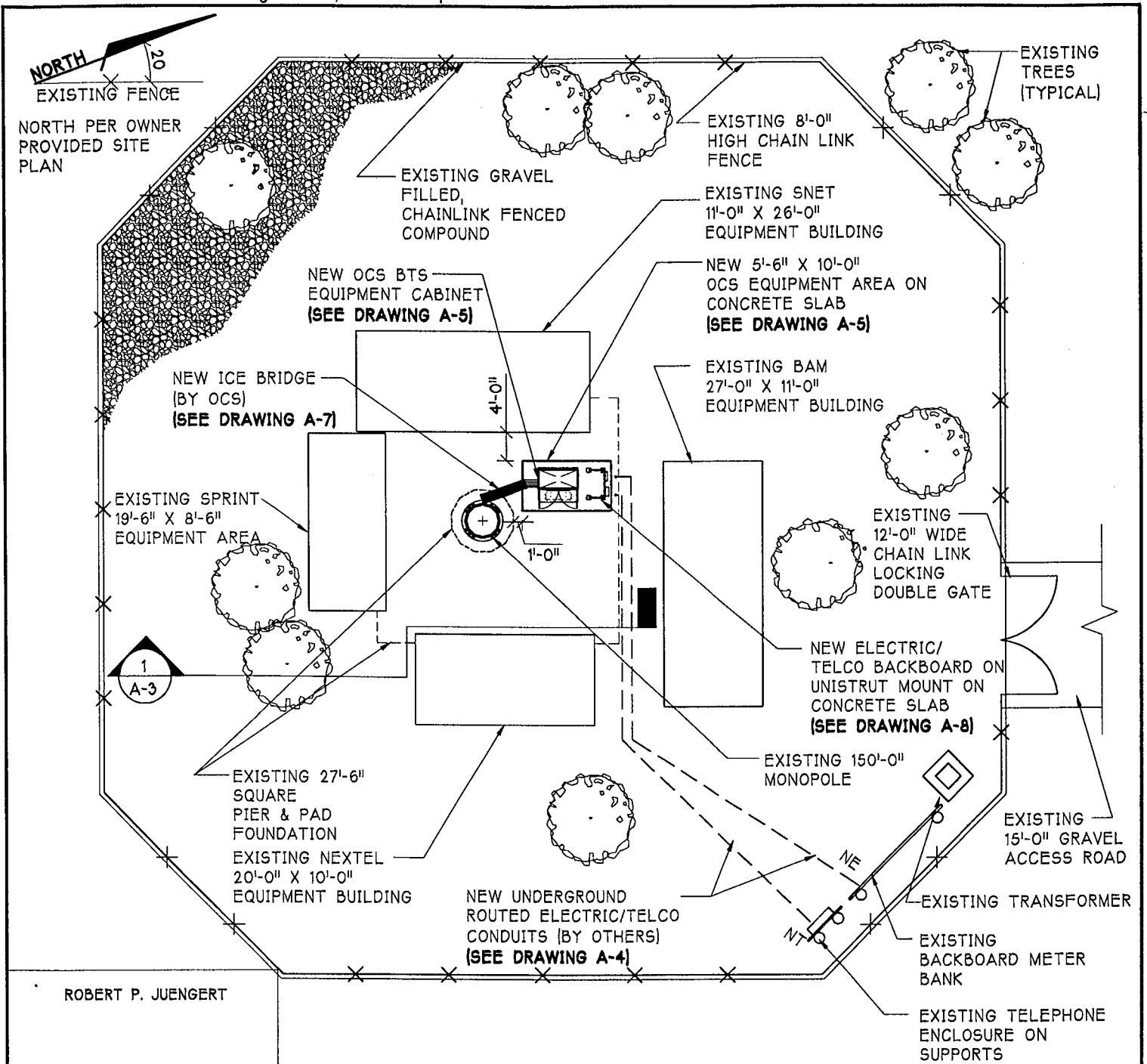
Sincerely,



Kenneth C. Baldwin

KCB/kmd

cc: Martin L. Heft, First Selectman
David S. Malko, P.E.
Dean Olsen, Crown Atlantic Company, LLC
J. Brendan Sharkey, Esq.



ROBERT P. JUENGERT

1 SITE LAYOUT
A-1 SCALE: 1/16"=1'-0"

NOTE:
CONTRACTOR TO FIELD
VERIFY ALL CONDUIT
LOCATIONS WITH
END OF SLAB

CT- 4208



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

Drawing Title: **SITE LAYOUT**

Client: **OCS**

Project: **BAM-CHESTER**

Address: **49 WIG HILL ROAD
CHESTER, CT**

Search Area: **CHESTER**

Site ID No: **CT-11-236A**

REVI RS 6/30/99

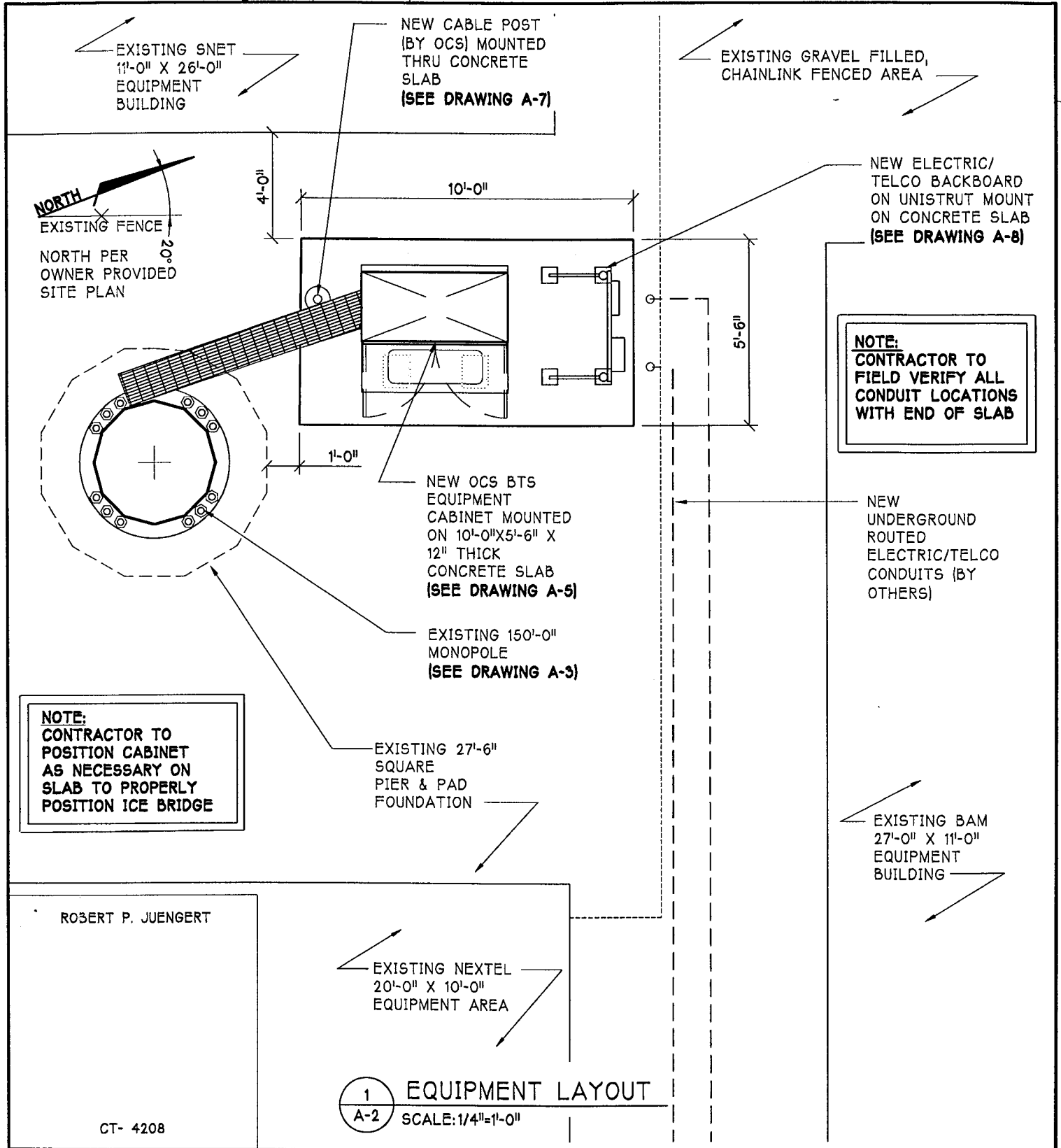
Revision No. Date:

P.C. by: **JDi**
P.C. Chkd. by: **[Signature]**
Chkd. by: **[Signature]**

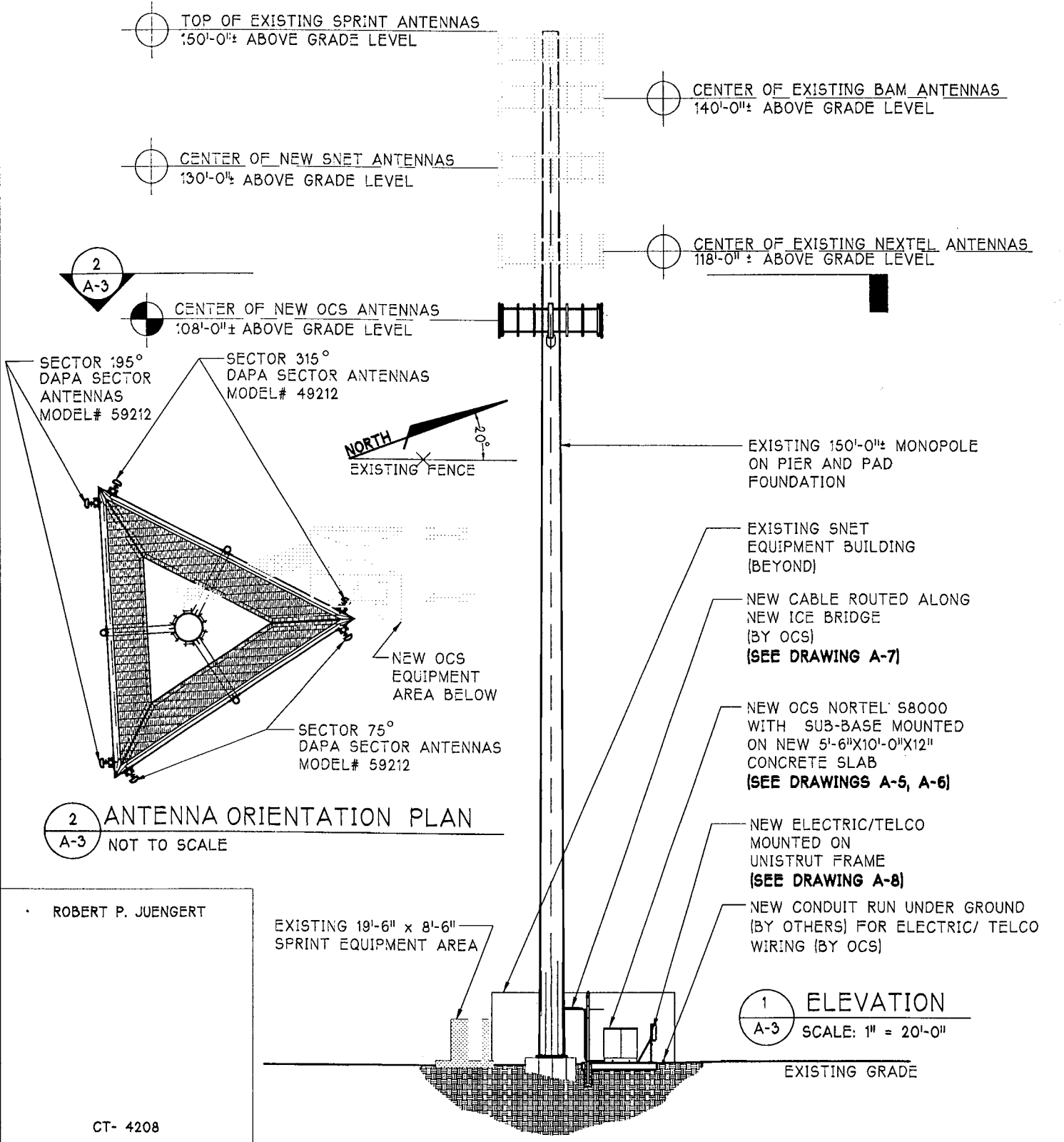
ARCNET Project No. **A99-506-855A**
Drawn: **RSa** Date: **6/4/99**

Approved By: _____ DATE: _____
CLIENT: _____

Drawing No. **A-1**



<p>670 North Beers Street, Building 2, Holmdel, NJ 07733 Tel: 732.739.3200 Fax: 732.739.0440</p>	Drawing Title: EQUIPMENT LAYOUT		Project: BAM-CHESTER Address: 49 WIG HILL ROAD CHESTER, CT		REV 1 RS 6/30/99
	Client:		Search Area: CHESTER		Revision No. Date:
P.C.: JDj	P.C. Chkd.: [Signature]	Chkd. by: [Signature]	ARCNET Project No. A99-506-855A	Drawn: RSa Date: 5/9/99	Drawing No. A-2
			Site ID No.: CT-11-236A		
			Approved By: CLIENT: _____ DATE: _____		



2 ANTENNA ORIENTATION PLAN
A-3 NOT TO SCALE

1 ELEVATION
A-3 SCALE: 1" = 20'-0"

ROBERT P. JUENGERT

EXISTING 19'-6" x 8'-6" SPRINT EQUIPMENT AREA

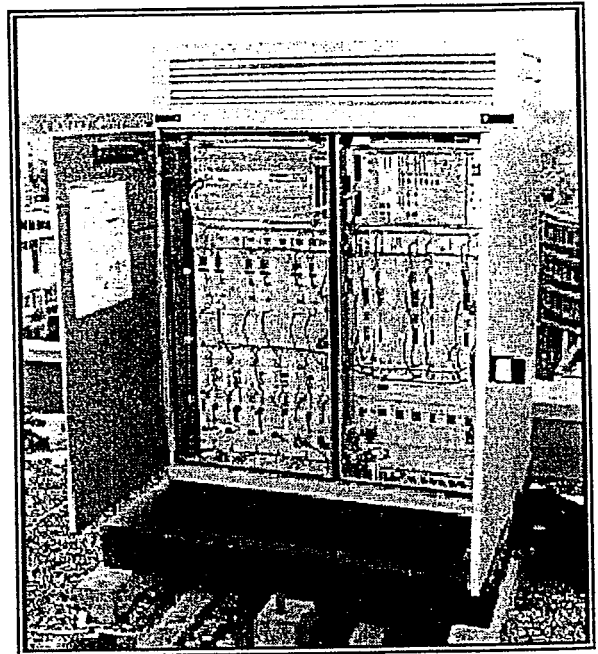
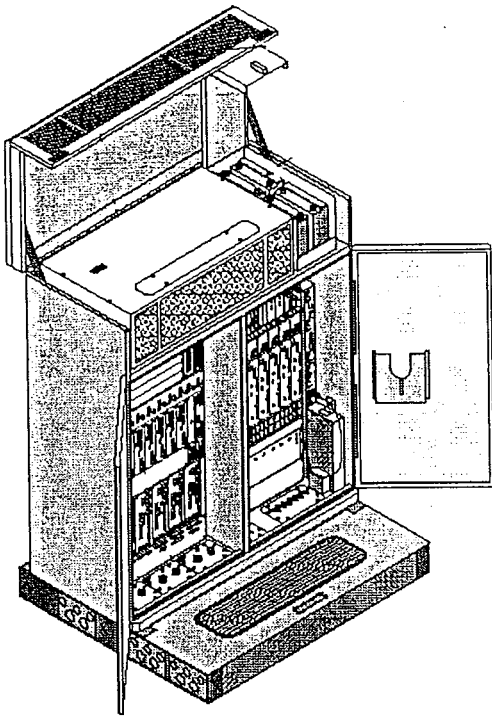
CT- 4208

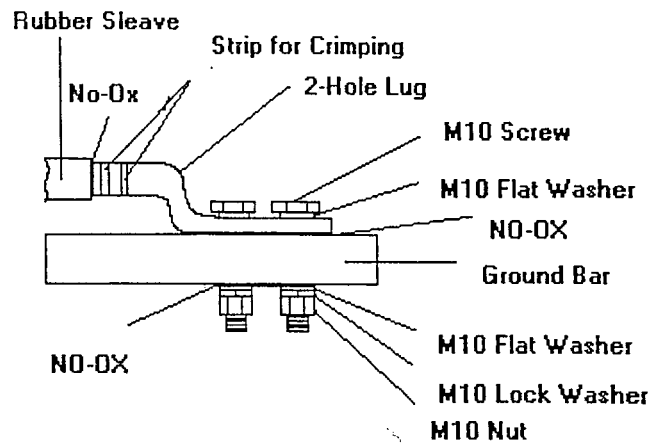
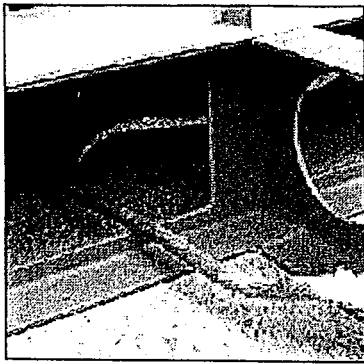
<p>670 North Beers Street, Building 2, Holmdel, NJ 07733 Tel: 732.739.3200 Fax: 732.739.0440</p>	Drawing Title: ELEVATION		Project: BAM-CHESTER		REV 1 RS 6/30/99 Revision No. Date: Drawing No. A-3
	Client:		Address: 49 WIG HILL ROAD CHESTER, CT		
P.C.: JDi	P.C. Chkd.:	Cnka. by: <i>u</i>	ARCNET Project No.: A99-506-855A	Drawn: RSa	Date: 5/9/99
Approved by: _____			Search Area: CHESTER		Approved by: _____
_____			Site ID No.: CT-11-236A		DATE: _____

NORTEL
NETWORKS™

S8000 BTS

Site Specifications





Apply a light coating of No Oxidation (NO-OX) to the ground bar area.

Dimensions, Weights & Clearances

BTS

Weight: 915 pounds
 Dimensions: 53.2"W x 26"D x 63"H

Clearances while transporting in building:

Door Access:

Height: 6.6 feet
 Width 3 feet

Corridor Access:

Height: 6.6 feet
 Width: 3.6 feet (straight), 6.6 feet (right angle)

Clearances when installed:

Above: 28 inches for opening of hood
 Rear: 8 inches for installation of outer skin
 Sides: 8 inches for adjustment of door hinges
 Front: 54 inches to open door and technician access

Plinth

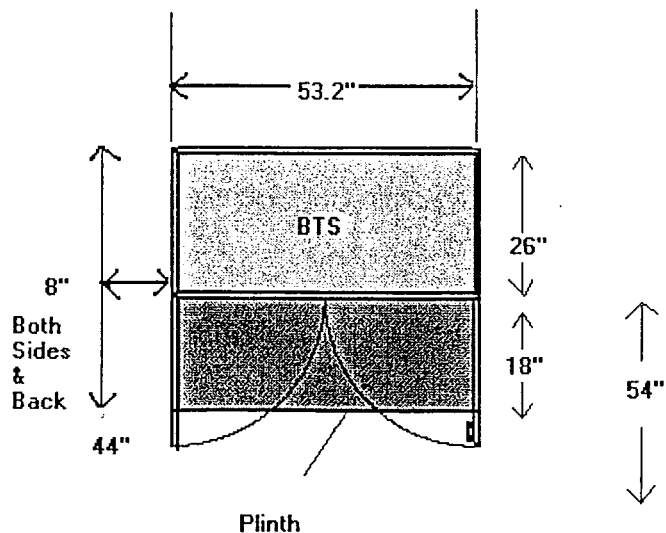
Weight:
 87 pounds

Dimensions:
 53.2"W x 44"D x 10.2"H

Floor Characteristics

Minimum Floor Resistance:
 123 pounds/foot²

Flatness:
 ¼ inch over 78 inches



Electrical Specifications

Split Single-Phase

3 wires plus ground

L1: Black 6 gauge

L2: Red 6 gauge

Neutral: White 6 gauge

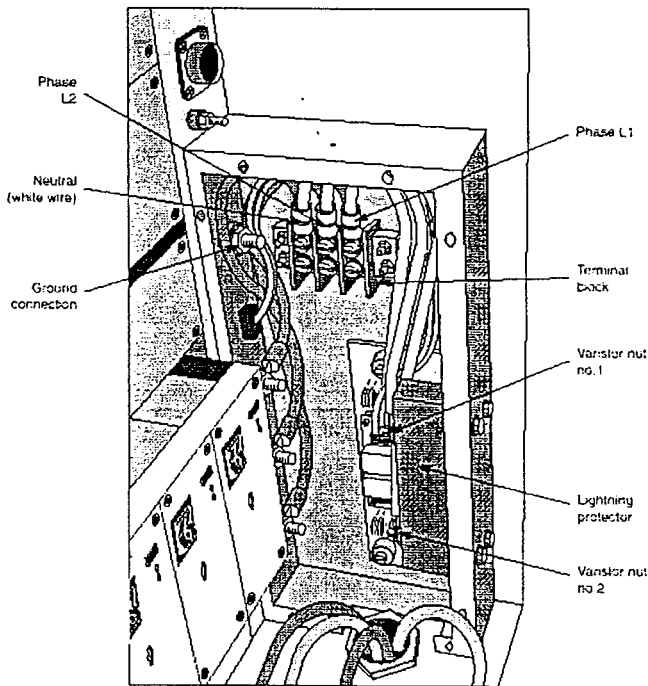
Ground: Yellow/Green 6 gauge

Maximum distance between AC box and BTS: 105 feet

187 ~ 254 VAC between L1 and L2

99 ~ 127 VAC between Neutral and L1 or L2

45 ~ 65 Hertz



AC connection to BTS located at the front, lower, right-hand side of BTS

Circuit Breaker in AC Box

Up to 4 transmitters

30 A, bipolar, C curve

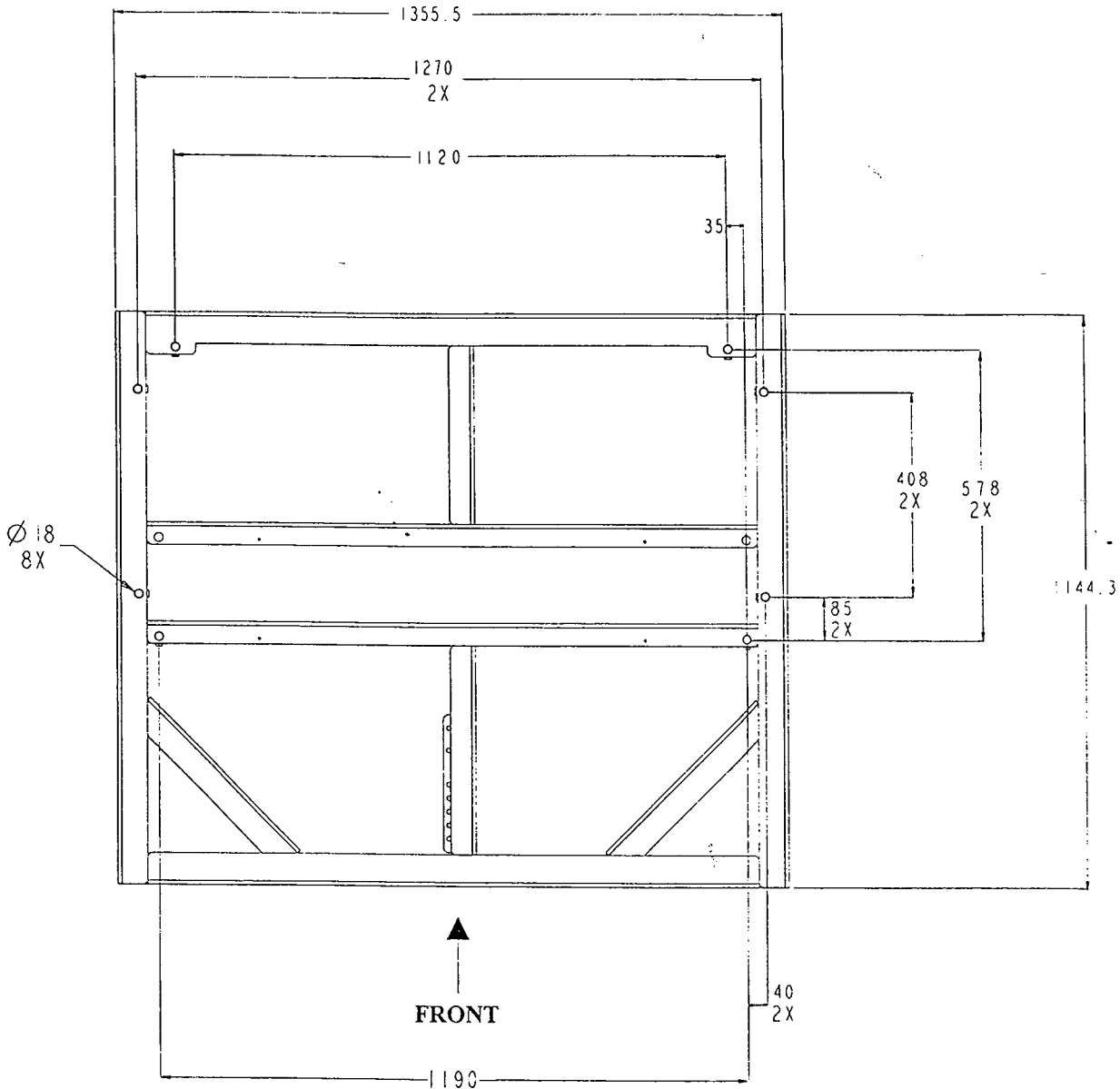
5 or more transmitters

40A, bipolar, C curve

BTS to Ground connection

Minimum 2 AWG, run in most direct route as possible towards true earth, minimizing bends. No bend shall be less than 90 degrees.

Appendix 3 BTS plinth type 1 floor print



BTS Plinth type 1 Top View

The BTS plinth type 1 floor print can be directly deducted from the dimensions given above for the top view.

All dimensions are expressed in mm.

Mention '2X' or '8X' means that the same dimension applies to another part of the print (symmetrical part).



Chester

Doc 181-1 . 255