



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

May 20, 1998

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

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 Westport Facility.

Dear Attorney Tyrrell:

At a public meeting held on May 13, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Westport, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

In making this decision, the Council suggested that Springwich consult with the Town of Westport to develop and implement vegetative screening consistent with existing landscaping.

Thank you for your attention and cooperation.

Very truly yours,

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

Joel M. Rinebold
Executive Director

JMR/RKE/sg



STATE OF CONNECTICUT

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10 Franklin Square
New Britain, Connecticut 06051
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May 18, 1998

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

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 Westport Facility.

Dear Mr. Tyrrell:

At a public meeting held on May 13, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Westport, 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 May 4, 1998. 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,

A handwritten signature in cursive script that reads "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable Diane Goss Farrell, First Selectman, Town of Westport

Springwich Cellular Limited Partnership

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

Peter J. Tyrrell
General Counsel

May 4, 1998

The Honorable Diane Goss Farrell, First Selectman
Town of Westport, Town Hall
110 Myrtle Avenue
Westport, CT 06881

Dear Ms. Farrell:

The Springwich Cellular Limited Partnership ("**Springwich**") plans to allow Bell Atlantic Mobile ("**BAM**") to place its antennas on the existing 100 foot monopole tower and install a 12 foot by 30 foot equipment building on its leased site located at 180 Bayberry Lane in Westport. A Lease Amendment between Springwich and the Town of Westport allowing these additions was approved by the Westport Board of Selectmen on April 15, 1998.

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 filing with the Connecticut Siting Council as notice of intent of the placement of associated equipment on an existing facility tower pursuant to R.C.S.A. Section 16-50j-72(b) (2) and (3).

The attached letter fully describes Springwich's proposal. However, if you have any questions or require any further on our plans or the Siting Council's procedures, please call me at (860) 513-7755 or Mr. Joel Rinebold, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,



Enclosure

Springwich Cellular Limited Partnership

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

Peter J. Tyrrell
General Counsel

May 4, 1998

RECEIVED

MAY - 4 1998

**CONNECTICUT
SITING COUNCIL**

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

Dear Mr. Gelston:

The Springwich Cellular Limited Partnership ("**Springwich**") plans to allow Bell Atlantic Mobile (**BAM**) to install antennas and related equipment at the existing Springwich facility in Westport, Connecticut. Please accept this letter as notification, pursuant to R.C.S.A. §16-50j-73, of construction which constitutes and 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 Westport.

The existing facility consists of a 100 foot monopole tower and an equipment shelter located off of Bayberry Lane in Westport. This facility was approved by the Connecticut Siting Council in its September 14, 1984 Decision and Order in Docket No 45.

BAM plans to attach to the tower nine (9) panel antennas, Decibel Model DB844H90, approximately 4 feet in height, and to install an equipment building approximately 12 feet by 30 feet adjacent to Springwich's equipment building. BAM will also place a GPS receive-only antenna on the tower and install a back-up emergency generator for Springwich and itself within a separate room in its building. These additions were approved by the Westport Planning and Zoning Commission on February 26, 1998 in a §8-24 Report provided to the Westport Board of Selectmen. The Selectmen approved these additions on April 15, 1998

The addition of BAM's antennas, equipment and generator 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. BAM's panel antennas will be placed on the tower with the center of radiation at approximately the 72 foot level of the tower. BAM's GPS receive-only antenna will be placed on the top platform, where Springwiche's antennas are located, and will not extend above the existing antennas. As shown on the attached tower drawing, the planned changes will not increase the overall height of the tower.

Second, the proposed addition, as reflected on the attached site plan, will not extend the site boundaries. BAM's proposed equipment building will be located adjacent to Springwiche's equipment building within the existing fenced area. BAM's 80 KW diesel generator and associated fuel tank will be located within its equipment building. The proposed changes will have no effect on the site boundary.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. The only additional noise from the generator will be during power outages and routine exercising of the generator for maintenance purposes; the only additional noise from BAM's equipment will be from the air conditioners for the equipment.

Fourth, operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the site boundary, 15 feet from the tower base, to a level at or above the applicable ANSI and State standards. "Worst-case" calculations for a the site are shown below:

<u>Use</u>	<u>Power Density</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Springwiche*	0.0631	0.587	10.75
Town Use # 1	0.01392	0.30	4.64
Town Use #2	0.00928	0.20	4.64
Town Use #3	0.00928	0.20	4.64
Town Use #4	0.03170	0.30	10.57
BAM	0.1263	0.583	<u>21.66</u>
Total			56.90

The Paging use has been discontinued at this location.

*The Springwiche power density has been calculated using nineteen (19) channels per sector.

These calculations have been done using the most recent edition of the FCC OET Bulletin. The calculated "worst-case" power density for the combined operations at the site is 56.90% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

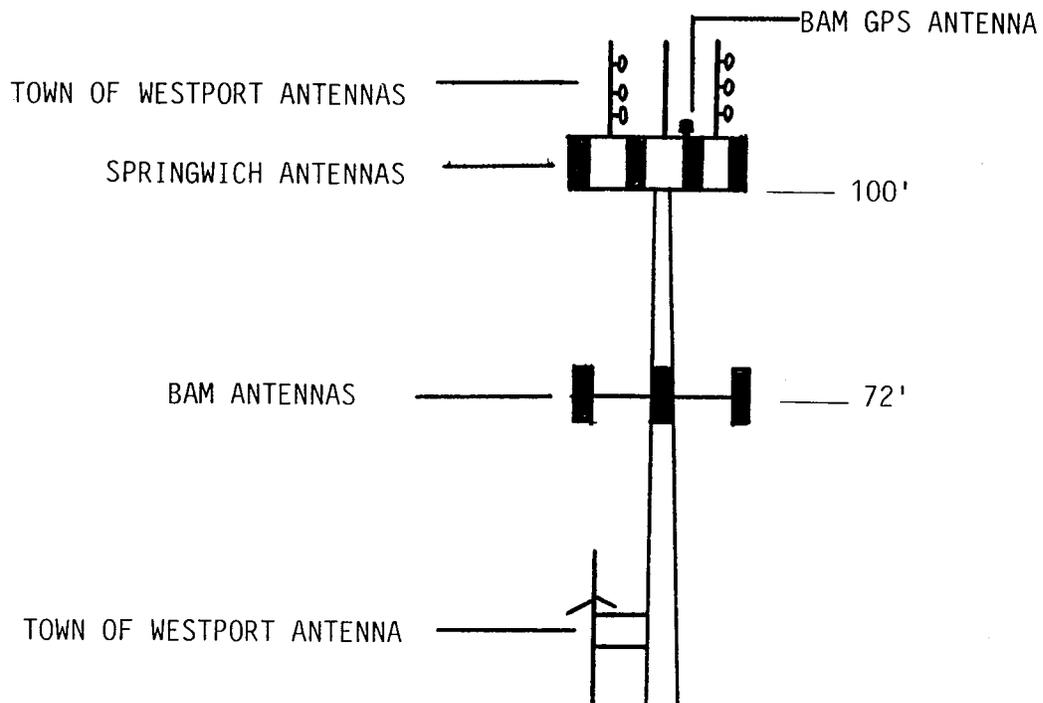
For the foregoing reasons, Springwich respectfully submits that the proposed additions of antennas and associated equipment at the Westport facility constitute an exempt modification under R.C.S.A. §16-50j-72(b).

Sincerely,

A handwritten signature in cursive script that reads "Peter J. Tyrrell". The signature is written in black ink and is positioned below the word "Sincerely,".

Attachments

cc: Honorable Diane Goss Farrell, First Selectman



SKETCH
NOT TO SCALE

SPRINGWICH CELLULAR LIMITED PARTNERSHIP
100' MONOPOLE
BAYBERRY LANE, WESTPORT



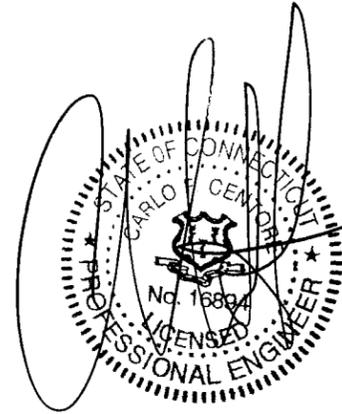
Bell Atlantic Mobile



National Communications Installations LLC
63-2 North Branford Rd.
Branford, Connecticut
Tel. (203) 488-0580
Fax (203) 488-8587

PROFESSIONAL ENGINEER SEAL

REVIEW SET



REAL ESTATE NO.

PROJECT NO: BAM973051

DRAWN BY: DAK

CHECKED BY: CFC

ISSUED FOR

01	02/17/98	PRELIMINARY REVIEW
02	02/19/98	ZONING

WESTPORT II

BAYBERRY LANE
WESTPORT CT.

SCALE: NONE

DATE: 02/17/98

DRAWING 2 OF 7

COMPOUND PLAN
& SITE DETAILS

C-1

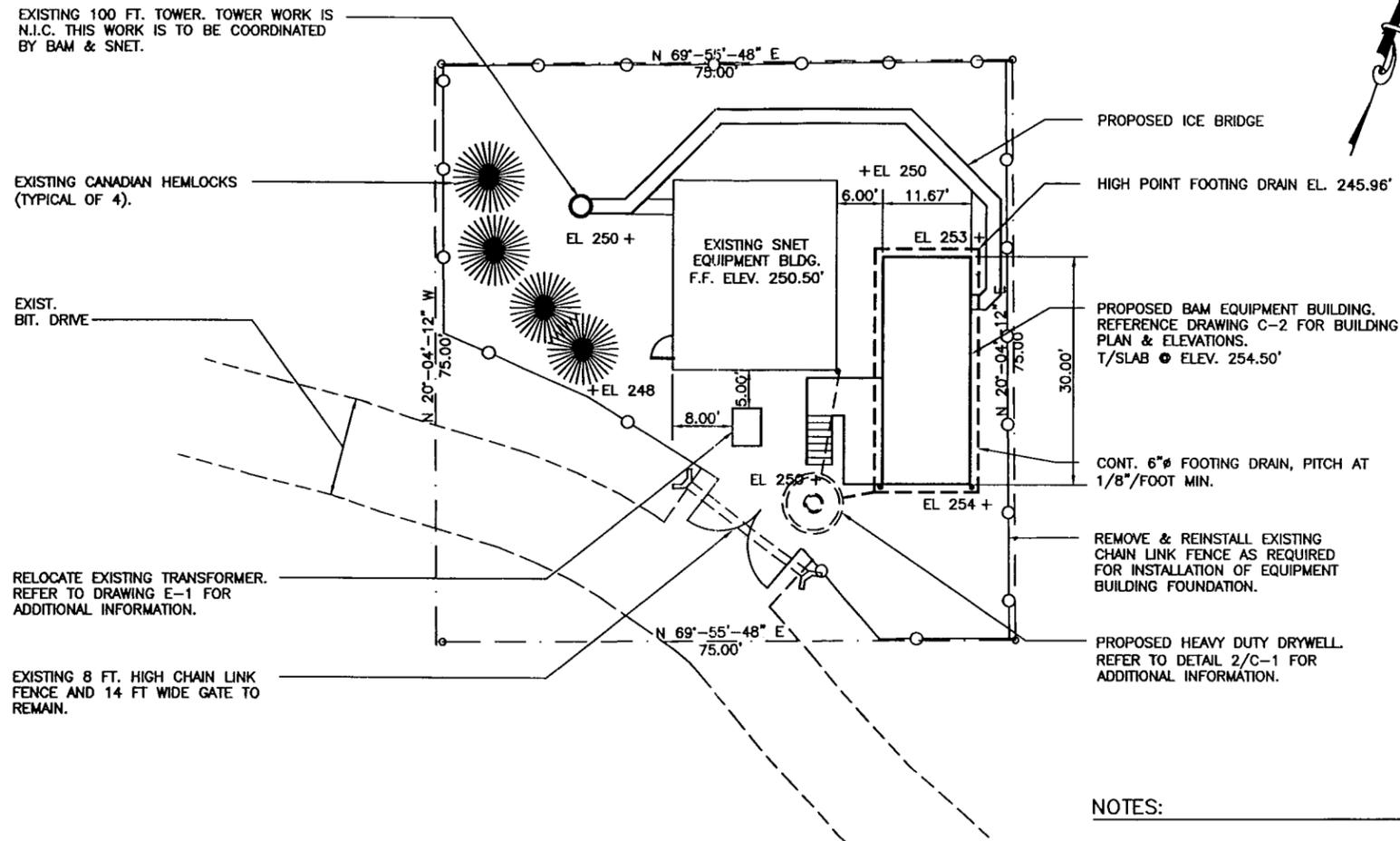
EXISTING 100 FT. TOWER. TOWER WORK IS N.I.C. THIS WORK IS TO BE COORDINATED BY BAM & SNET.

EXISTING CANADIAN HEMLOCKS (TYPICAL OF 4).

EXIST. BIT. DRIVE

RELOCATE EXISTING TRANSFORMER. REFER TO DRAWING E-1 FOR ADDITIONAL INFORMATION.

EXISTING 8 FT. HIGH CHAIN LINK FENCE AND 14 FT WIDE GATE TO REMAIN.

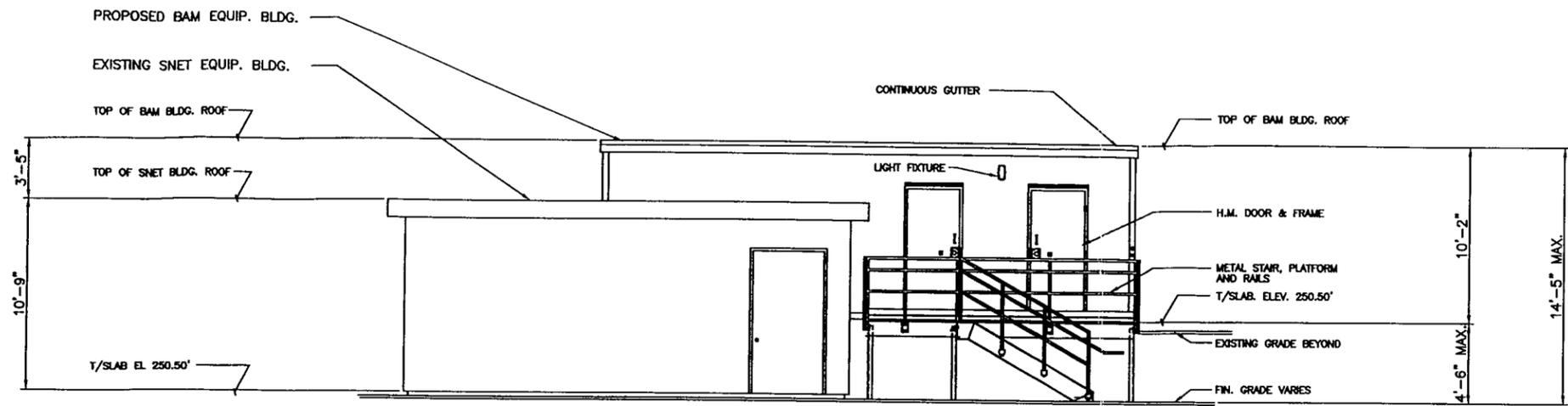


NOTES:

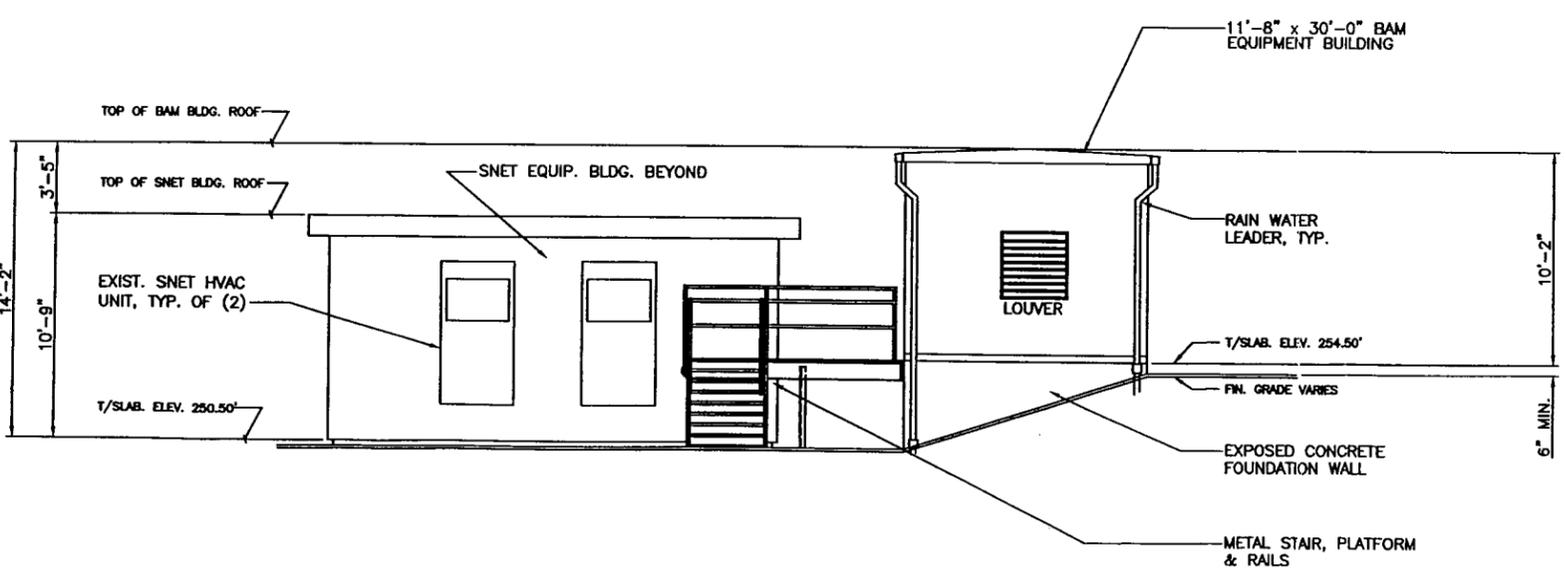
1. SPOT ELEVATIONS ARE REFERENCED IN FEET THUS [EL ---- +].
2. INFORMATION FOR LAYOUT OF THE EXISTING SITE TAKEN FROM THE DRAWING ENTITLED "SOUTHERN NEW ENGLAND TELEPHONE ~ WESTPORT, CONNECTICUT, CELLULAR RADIO CELL SITE, SITE PLAN (SHT. 1 OF 8)" AS PREPARED BY GIRARD & COMPANY ENGINEERS, HARTFORD CONNECTICUT, DATED 9/28/84.
3. PROPERTY LINE AND TOPOGRAPHIC INFORMATION TAKEN FROM A MAP ENTITLED "PROPERTY OF THE TOWN OF WESTPORT TO BE LEASED TO SOUTHERN NEW ENGLAND TELEPHONE CO., WESTPORT, CONNECTICUT" DATED JULY 30, 1984 AND CERTIFIED AS SUBSTANTIALLY CORRECT FOR A CLASS A-2 SURVEY BY MICHAEL H. HORBALL, LAND SURVEYOR.

1 COMPOUND PLAN
C-1 SCALE: 1"=10'-0"

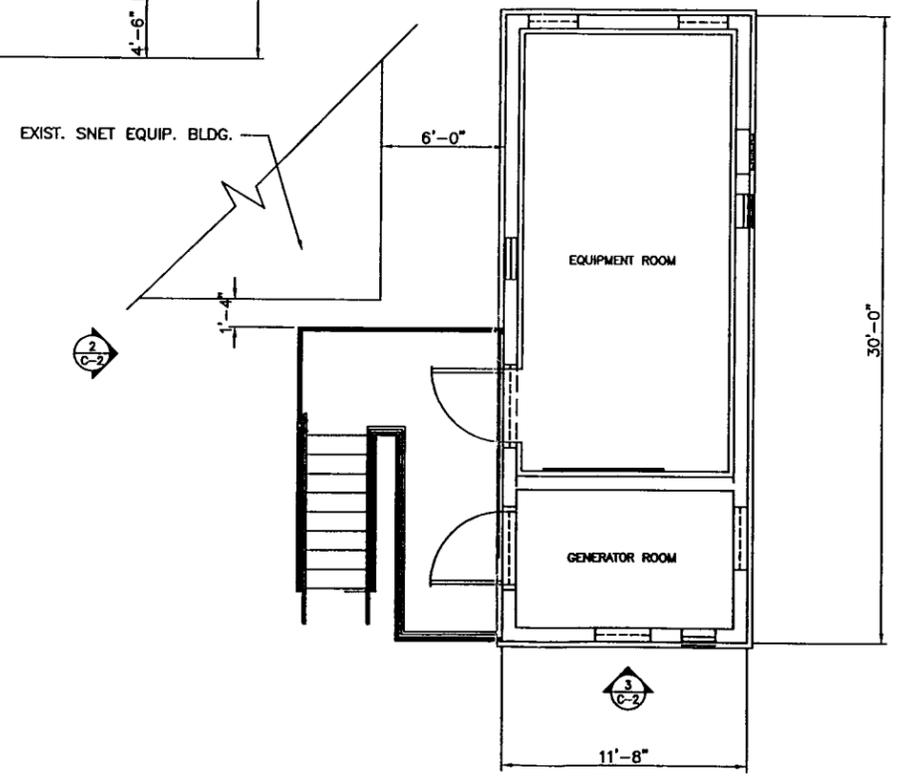
EQUIPMENT BUILDING IS BY BELL ATLANTIC MOBILE



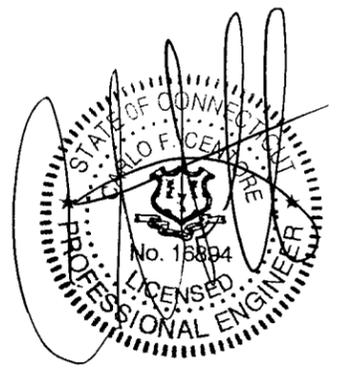
2 EAST ELEV.
C-2 SCALE: 1/4" = 1'-0"



3 NORTH ELEV.
C-2 SCALE: 1/4" = 1'-0"



1 FLOOR PLAN
C-2 SCALE: 1/4" = 1'-0"



Bell Atlantic Mobile



National Communications Installations LLC
68-2 North Branford Rd.
Branford, Connecticut
Tel. (203) 488-0680
Fax (203) 488-8587

PROFESSIONAL ENGINEER SEAL
REVIEW SET

REAL ESTATE NO.

PROJECT NO: BAM973051

DRAWN BY: DAK

CHECKED BY: CFC

ISSUED FOR	
01	02/17/98 PRELIMINARY REVIEW
02	02/19/98 ZONING

WESTPORT II
BAYBERRY LANE
WESTPORT CT.

SCALE: AS NOTED

DATE: 02/17/98

DRAWING 3 OF 3

EQUIP. BLDG.
PLAN &
ELEVATIONS

C-2