



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

October 14, 1997

Peter J. Tyrrell
Senior Counsel
SNET
500 Enterprise Drive
Rocky Hill, CT 06067-3900

Re: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located at 232 South Main Street in East Windsor, Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on October 8, 1997, the Connecticut Siting Council (Council) ruled that the proposed use of this tower would not cause a significant change or alteration in the physical and environmental characteristics of the site, and pursuant to Section 16-50j-72 (c) would constitute a regulatory exemption.

The proposed modifications are to be implemented as specified in your notice dated September 30, and errata dated October 6, 1997. The modifications are in compliance with the exception criteria in Section 16-50j-72 (c) of the Regulations of Connecticut State Agencies as changes to an existing non-facility site that have received all municipal zoning approvals and building permits 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/mmb

c: Honorable John E. Rajala, First Selectman, Town of East Windsor

RECEIVED

OCT 06 1997

CONNECTICUT
SITING COUNCIL

Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, Connecticut 06067
Phone (860) 513-7755

SPRINGWICH CELLULAR LIMITED PARTNERSHIP

October 6, 1997

Peter J. Tyrrell
General Counsel

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

Re: Springwich Cellular Limited Partnership - East Windsor Cell Site

Dear Chairman Gelston:

Enclosed please find a revision to the power densities on page two of the Exempt Modification submitted to the Council on September 30, 1997. Please replace this page with the original page two submitted.

Attached is a copy of the building permit which was issued by the Town of East Windsor on September 29, 1997.

Please call me on (860) 513-7755 if you have any questions or concerns.

Sincerely,

Peter J. Tyrrell
(mgc)

Attachments

cc: Honorable John E. Rajala, First Selectman, Town of East Windsor

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 ANSI standard. The following table summarizes the power densities at the site from the various sources on the tower (including those proposed herein) in relation to the standard.

<u>Frequency</u> (MHz)	<u>Power Density</u> (mW/cm ²)	<u>Standard Limits</u> (mW/cm ²)	<u>% of Standard</u> %
(Nextel) 858.5 +/-	0.0020	.572	0.35%
(Sprint) 1957.5 +/-	0.0335	1.305	2.57%
(BANM) 875	0.0348	.583	5.98%
(SCLP) 880	0.0378268	.586	6.45%
<hr/>			
Total	N/A	N/A	15.35%

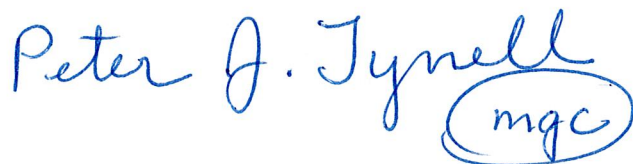
As the table demonstrates, SCLP's proposed antennas would contribute 6.45% of the ANSI standard for the cellular frequency range, bringing the site total to 15.35% of the standard as calculated for a mixed frequency site.

Finally, SCLP has received the necessary municipal approvals and permits for the project. Attached is a signed copy of the building permit to attach the antennas to the existing tower and install the equipment building.

For the foregoing reasons, SCLP seeks a ruling that its proposed additions to the non-facility tower would not cause a significant change or alteration in the physical and environmental characteristics of the site pursuant to R.C.S.A Section 16-50j-72(c)(1). SCLP further submits that the changes comply with R.C.S.A Sections 16-50j-72(c), (2) through (5) and therefore request a determination that the placement of the antennas and equipment on the existing non-facility tower site does not constitute a substantial environmental effect under R.C.S.A Section 16-50j-72(c).

Thank you for your cooperation.

Sincerely,

Peter J. Tynell


Attachments

cc: Honorable John E. Rajala, First Selectman, Town of East Windsor

TOWN OF EAST WINDSOR, CT

No. 009877

Date: 09/29/97

OWNER

Name: Balch Bridge Street Corp.

Address: 550 South Main St.

East Windsor, CT 06088

LOCATION

Address: 232 S. SOUTH MAIN ST.

Contractor: NORINEAST TOWERS

170 River Road

Unionville, CT 06085

BUILDING PERMIT
Est. Cost: \$ 50,000
Fee: \$ 300.00

ADD MISCELLANEOUS
Install prefab building for SNET Mobility under
communication tower

All work to be done in accordance with the application
and plans approved by the building department.

Patricia T. Green

Building official

Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, Connecticut 06067
Phone (860) 513-7755

SPRINGWICH CELLULAR LIMITED PARTNERSHIP

September 30, 1997

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

Peter J. Tyrrell
General Counsel

RECEIVED

SEP 30 1997

Re: Springwich Cellular Limited Partnership - East Windsor Cell Site

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston:

Springwich Cellular Limited Partnership ("SCLP") plans to install cellular antennas and related equipment at the existing tower facility owned by the Balch Bridge Street Corporation in East Windsor, Connecticut. Please accept this letter as notice of intent, pursuant to R.C.S.A. Section 16-50j-73, of the placement of associated equipment on an existing non-facility tower pursuant to R.C.S.A. Section 16-50j-72(c). In further compliance with R.C.S.A. Section 16-59j-73, a copy of this letter is being sent to the First Selectman of East Windsor.

The existing non-facility tower is a 190' lattice tower located at 232 South Main Street, East Windsor, Connecticut. SCLP plans to install nine panel-type cellular antennas on the tower. SCLP will also install a single story, approximately 12' x 26' equipment building which will contain radio transmission equipment.

The addition of SCLP's antennas and equipment to the tower site does not constitute a substantial environmental affect since such additions do not cause a significant change or alteration in the physical and environmental characteristics of the site (see the attached site plan). Rather, the planned changes to the existing non-facility tower falls squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(c).

First, the height of the existing tower will be unaffected. Nine antennas, ALP Model 11011N will be mounted, three per sector on a triangular platform to be attached to the tower. The center of radiation will be 168' AGL and the top of the antenna will be 170' high. The tower will not require any structural modification to support the proposed attachments.

Second, the proposed addition will not extend the site boundaries. The proposed equipment building will be located within the tower compound area on a parcel of land of approximately 800 square feet which will be leased to SCLP (see attached site plan).

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more.

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 ANSI standard. The following table summarizes the power densities at the site from the various sources on the tower (including those proposed herein) in relation to the standard.

<u>Frequency</u> (MHz)	<u>Power Density</u> (mW/cm ²)	<u>Standard Limits</u> (mW/cm ²)	<u>% of Standard</u> %
(Nextel) 858.5 +/-	0.0020	.572	0.35%
(Sprint) 1957.5 +/-	0.0335	1.305	2.57%
(BANM) 875	0.0348	.583	5.98%
(SCLP) 880	0.378268	.586	6.45%
Total	N/A	N/A	15.35%

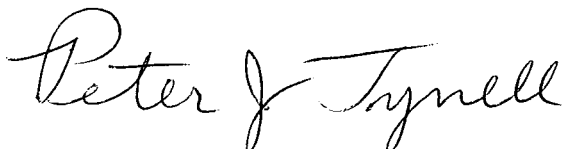
As the table demonstrates, SCLP's proposed antennas would contribute 6.45% of the ANSI standard for the cellular frequency range, bringing the site total to 15.35% of the standard as calculated for a mixed frequency site.

Finally, SCLP has received the necessary municipal approvals and permits for the project. Attached is a signed copy of the building permit to attach the antennas to the existing tower and install the equipment building.

For the foregoing reasons, SCLP seeks a ruling that its proposed additions to the non-facility tower would not cause a significant change or alteration in the physical and environmental characteristics of the site pursuant to R.C.S.A Section 16-50j-72(c)(1). SCLP further submits that the changes comply with R.C.S.A Sections 16-50j-72(c), (2) through (5) and therefore request a determination that the placement of the antennas and equipment on the existing non-facility tower site does not constitute a substantial environmental effect under R.C.S.A Section 16-50j-72(c).

Thank you for your cooperation.

Sincerely,



Attachments

cc: Honorable John E. Rajala, First Selectman, Town of East Windsor

Springwich Cellular Limited Partnership
500 Enterprise Drive
Rocky Hill, Connecticut 06067
Phone (860) 513-7755

SPRINGWICH CELLULAR LIMITED PARTNERSHIP

September 30, 1997

Peter J. Tyrrell
General Counsel

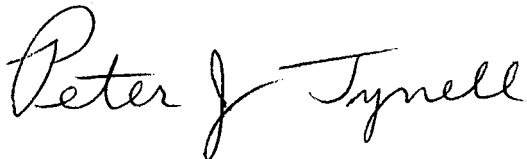
The Honorable John E. Rajala, First Selectman
Town of East Windsor
Town Hall
11 Rye Street
P.O. Box 213
Broadbrook, Connecticut 06016

Dear First Selectman Rajala:

Springwich Cellular Limited Partnership (SCLP) plans to install antennas and associated equipment at the existing tower facility owned by Balch Bridge Street Corporation and located at 232 South Main Street in East Windsor. 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 dated September 30, 1997, as notice of intent of the placement of associated equipment on an existing non-facility tower pursuant to R.C.S.A Section 16-50j-72(c).

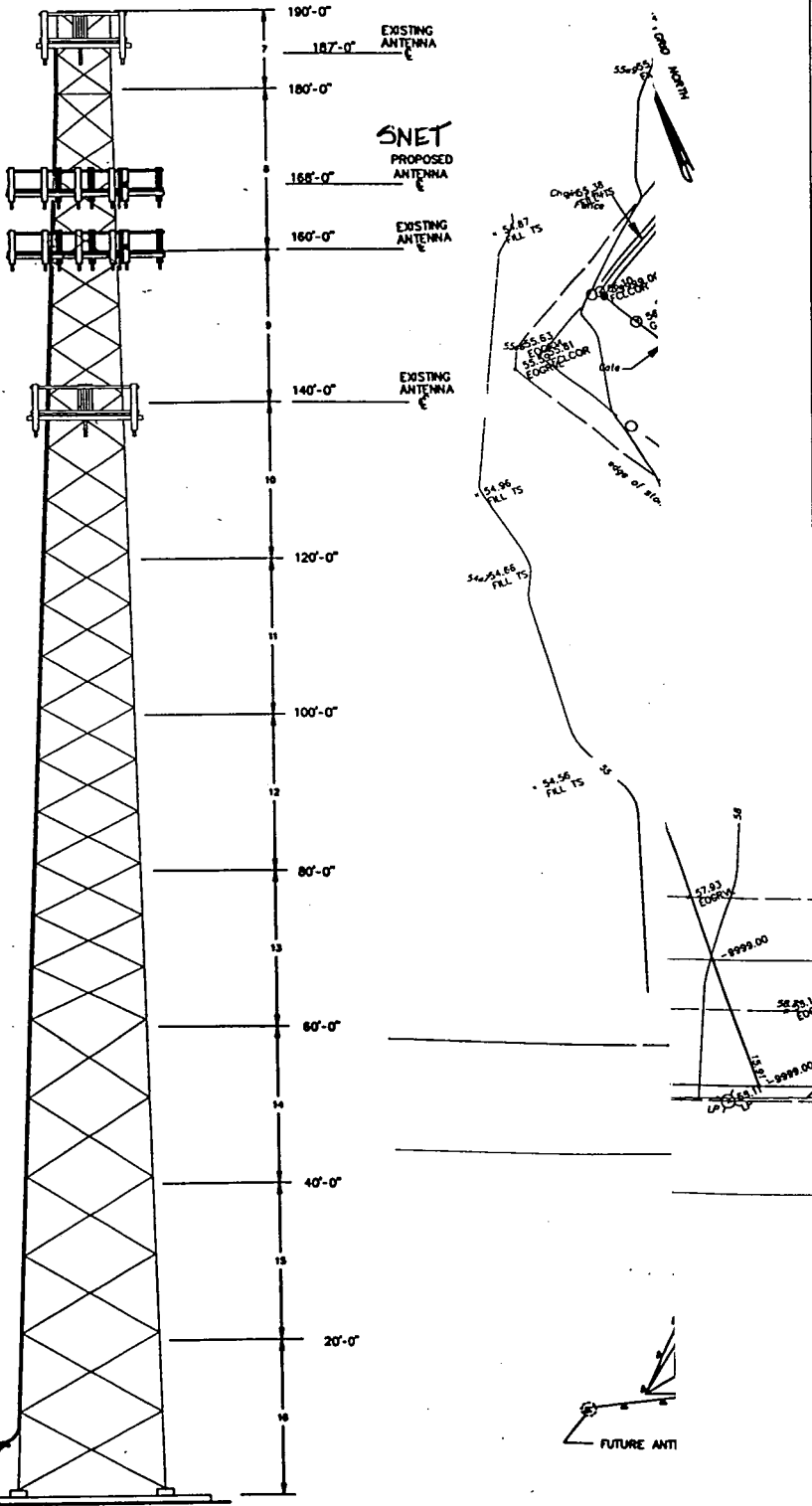
The attached letter fully describes SCLP's proposal. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7755 or Mr. Joel Rinebold, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

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,".

Enclosure

EXISTING TOWER LOCAL
 LATITUDE - 41°-52'-37"
 LONGITUDE - 72°-36'-34"
 NAD
 ELEVATION
 NGVD



A/E FIRM
URS Greiner

500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT

A/E SEAL

REVIEW SET

NOT FOR CONSTRUCTION

PROJECT NO: F301662.01

DRAWN BY: B.P.

CHECKED BY:

SUBMITTALS	

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO SNET IS STRICTLY PROHIBITED.

BALCH BRIDGE STREET CORP.
 SOUTH MAIN STREET
 EAST WINDSOR, CT
 06114

SCALE: AS NOTED

DATE: 09-3-97

DRAWING 2 OF 5

SITE PLAN

C-1

TOWER ELEVATION
 SCALE: 3/32" = 1'

Swedcom Corporation

ALP 11011-N

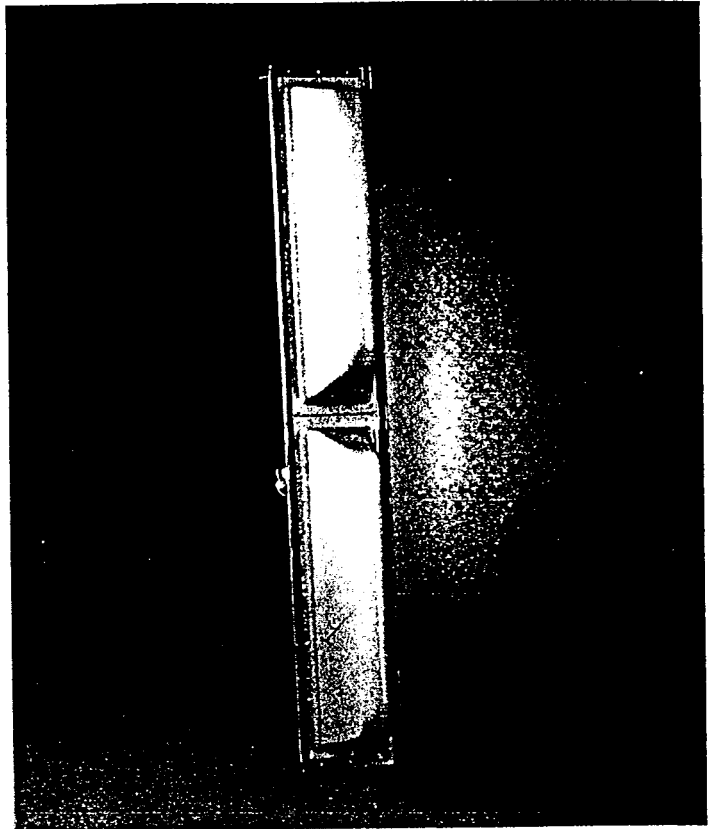
LOG-PERIODIC REFLECTOR ANTENNA

110 Degrees 11 dBd

Features:

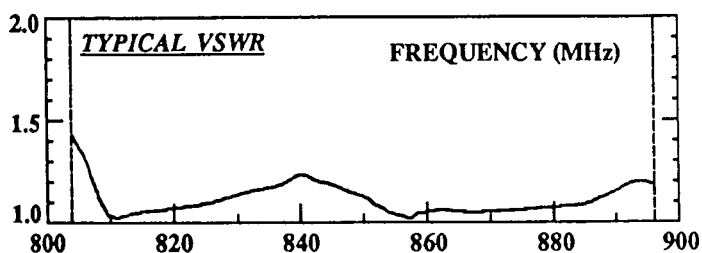
- Broadbanded. (800-900 MHz)
- Low backlobe radiation. Front to back ratio better than 25 dB.
- Low intermodulation products.
- Low wind-load.
- Low weight.
- Small size.
- Rugged design.

Please see the following pages including radiation patterns for ALP 11011-N.



Electrical Specifications:

Frequency range:	806-896 MHz
Impedance:	50 Ohm
Connector:	N female
VSWR:	Typ. 1.3:1 max 1.5:1
Polarization:	Vertical
Gain:	11 dBd
Front to back ratio:	>25 dB
Intermodulation: (2 x 25 W)	IM5 - 107 dBm
Power Rating:	500 W
H-Plane: -3 dB	110°
E-Plane: -3 dB	15°
Lightning Protection:	DC Grounded



Mechanical Specifications:

Overall height:	51 in. (1320 mm)
Width:	8.3 in. (210 mm)
Depth:	11.4 in. (290 mm)
Weight incl. mounting items:	24.5 lbs (11 Kg)
Rated wind velocity:	113 mph (180 Km/h)
Wind Area (CxA/Front):	3.7 sq.ft (0.34 sq.m)
Lateral thrust at rated wind:	
Worst case	530 N

Materials:

Radiating elements:	Aluminum
Element housing:	Grey PVC
Reflector:	Aluminum
Mounting Hardware	
clamps:	Hot dip galvanized steel
bolts:	Stainless steel

Manufactured by: Allgon System AB

BUILDING PERMIT APPLICATION

EAST WINDSOR
BUILDING DEPARTMENT

PHONE: 623-2439



PRESS HARD! PLEASE PRINT OR TYPE
OWNER OF RECORD

Balch Bridge Street Corporation
(Last) (First) (M.I.)
250 South Main Street
(No.) (Street)
East Windsor, Ct. 06088-0673
(Town) (State) (ZIP)
860 623-2466
(Phone) (Phone)

REGISTRATION NO. 00900747
AUTHORIZED AGENT
Northeast Towers, Inc.
(Last) (First) (M.I.)
170 River Road
(No.) (Street)
Unionville, Ct. 06085
(Town) (State) (ZIP)
860 673-6644
(Phone) (Phone)

PERMIT TO install prefab building (-1-) STORY house electronics NUMBER OF DWELLING UNITS -0-
(Type of Improvement) (Proposed Use)

AT (LOCATION) 232 South Main Street, East Windsor ZONING DISTRICT B2
(No.) (Street) (ZIP)
BETWEEN Abbe Road AND Scantic Road
(Cross Street) (Cross Street)

SUBDIVISION _____ BLOCK _____ LOT _____ LOT SIZE _____
BUILDING TO BE _____ FT. WIDE BY _____ FT. LONG BY _____ FT. IN HEIGHT AND SHALL CONFORM IN CONSTRUCTION
TO TYPE _____ USE GROUP _____ BASEMENT WALLS OR FOUNDATION _____ (Type)

REMARKS: (SNET Mobility)

READ BEFORE SIGNING:

- I. I accept full responsibility for notifying the building official when the work is ready for inspection at the various stages of construction as indicated on the Job Card; and
- II. I accept full responsibility for all costs involved in having the work uncovered if any work is concealed without first giving the building official at least 24 hours to respond to a properly executed request for an inspection; and
- III. I understand that a permit grants no expressed or implied permission to violate any code, regulation, ordinance or statute regardless of what may or may not be shown on the approved plans, and regardless of any agreement with any official; and
- IV. I have read and understand all the above statements and hereby certify that I am the legal owner of the property to which this application applies or the authorized agent of the owner and have the owner's permission to perform the work.

"EVERY JOB IS A SELF-PORTRAIT OF THE PERSON WHO DID IT"

[Signature] 09-24-97
(Signature) (Date)
\$500.00 CK# 1110 [Signature]
(Fee) 09/25/97 (Received by)

Exhibit LT



AME FIRM
URS Greiner
 500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT

AME SEAL

REVIEW SET

NOT FOR CONSTRUCTION

PROJECT NO: F301662.01

DRAWN BY: B.P.

CHECKED BY:

SUBMITTALS	

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BALCH BRIDGE STREET CORP.

SOUTH MAIN STREET
 EAST WINDSOR, CT
 06114

SCALE: AS NOTED

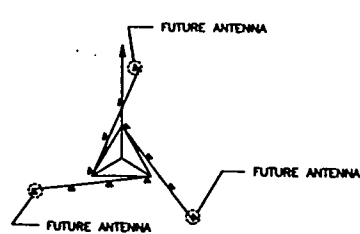
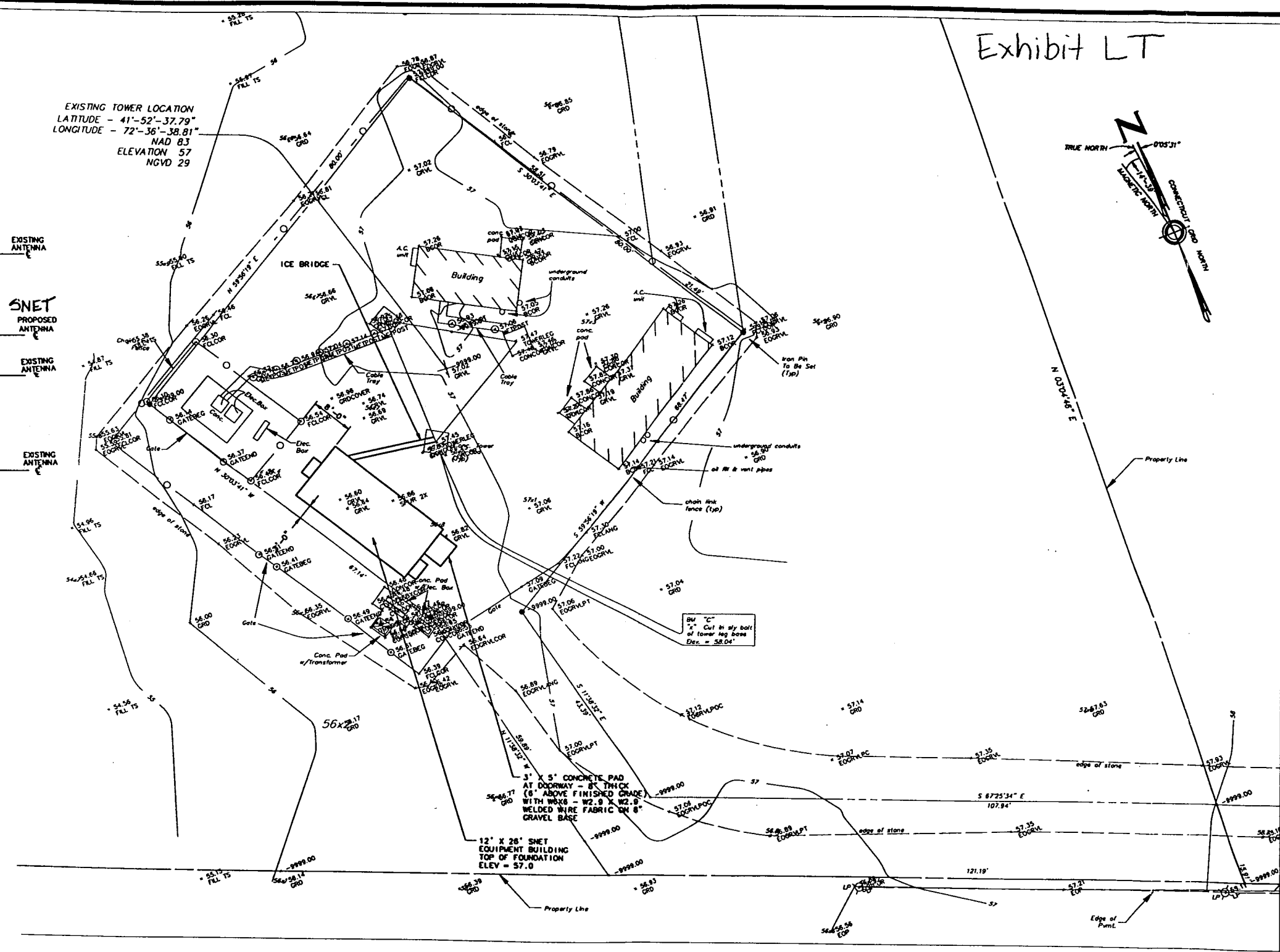
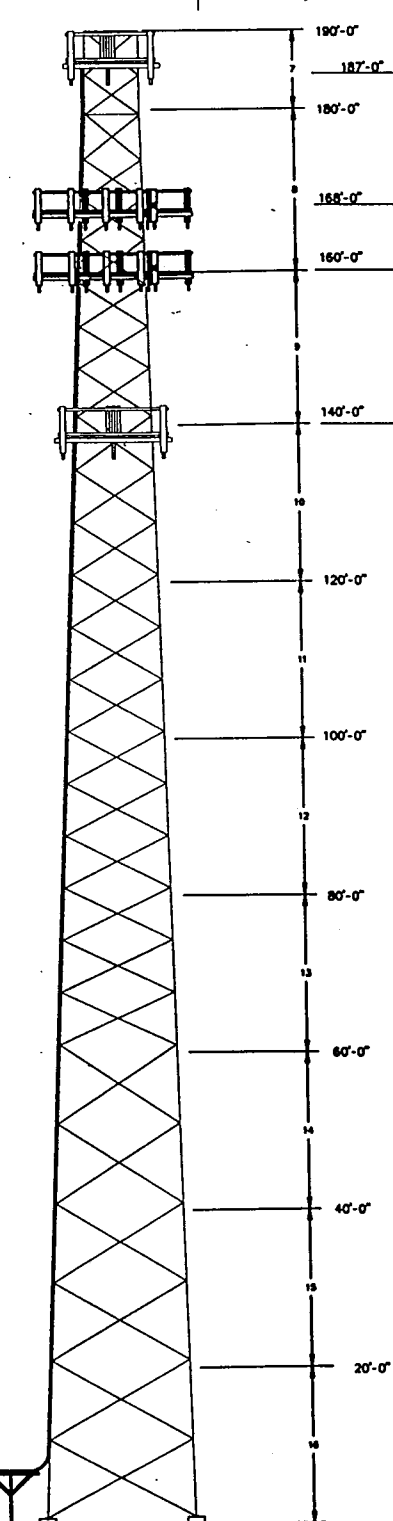
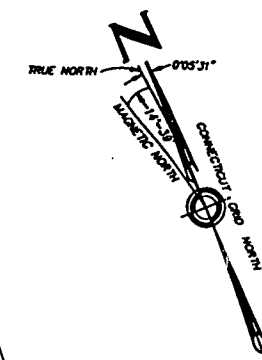
DATE: 09-3-97

DRAWING 2 OF 5

SITE PLAN

C-1

EXISTING TOWER LOCATION
 LATITUDE - 41°-52'-37.79"
 LONGITUDE - 72°-36'-38.81"
 NAD 83
 ELEVATION 57
 NGVD 29



B Band Frequency
 Receive: 835-849
 Transmit: 880-894