



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

April 3, 1998

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

Re: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located at 57 Cook Drive, Uncasville (Montville), Connecticut.

Dear Attorney Tyrrell:

At a public meeting held on April 2, 1998, 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 March 10, 1998. 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. The acknowledged change of antennas 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. Under General Statutes § 16-50j, this tower will now be a facility with cellular antennas under the jurisdiction of the Council. 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

c: Honorable Patrick Dougherty, Mayor, Town of Uncasville
Kenneth Thomas, Old Lyme



STATE OF CONNECTICUT

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March 18, 1998

Honorable Patrick J. Dougherty
Mayor
Town of Montville, Town Hall
310 Norwich-New London Road
Uncasville, CT 06382

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications facility located at 57 Cook Drive in Uncasville, Connecticut.

Dear Mayor Dougherty:

On March 10, 1998, the Connecticut Siting Council (Council) received a request from Springwich Cellular Limited Partnership to modify an existing telecommunications facility located at 57 Cook Drive in Uncasville, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Thursday, April 2, 1998, at 1:00 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 modification of an existing facility.

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/sg

Enclosure: Notice of Intent

Springwich Cellular Limited Partnership

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

RECEIVED

March 10, 1998

MAR 10 1998

Peter J. Tyrrell
General Counsel

**CONNECTICUT
SITING COUNCIL**

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

**RE: Springwich Cellular Limited Partnership--Uncasville (Montville)
Cellular Communication Site**

Dear Chairman Gelston:

Springwich Cellular Limited Partnership ("SCLP") plans to install cellular antennas and a related equipment at the tower facility in Uncasville, owned by Mr. Ken Thomas in Old Lyme, Connecticut. Please accept this letter as a 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 Mayor.

The existing non-facility tower is a 180' guyed tower located at 57 Cook Drive, Uncasville, (Montville), 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.

Smart SMR of New York, Inc. ("Nextel") is already located on the tower at the 140' level.

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 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 177'6" AGL and the top of the antenna will be 180' high. The tower will not require any structural modification to support the proposed attachments (see attached tower elevation plan).

Second, the proposed addition will not extend the site boundaries. The proposed equipment building will be next to the tower on a parcel of land 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 proposed herein) in relation to the standard.

SERVICE/CARRIER	FREQUENCIES (Mhz)	POWER DENSITY (mW/cm ²)	HEIGHT	STANDARD LIMITS (mW/cm ²)	% OF STANDARD
NEXTEL	850	0.0165	140	0.5667	2.91%
SCLP	880	0.0217	177.6	0.5867	3.69%
TOTAL		N/A	N/A	N/A	6.60%

As the table demonstrated, SCLP's proposed antennas would contribute 3.69% of the ANSI standard for the cellular frequency range, bringing the site total to 6.60% of the standard as calculated for a mixed frequency site.

Finally, the owner of the tower, Mr. Ken Thomas, has received the necessary municipal approvals and permits for the project (see attached building/zoning permits attached.)

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

copy to: Patrick Dougherty, Mayor of Uncasville
Ken Thomas, Wireless Solution, LLC



A&E FIRM
URS Greiner, Inc.
A-E-S
 500 ENTERPRISE DRIVE
 ROCKY HILL, CONNECTICUT
 1-(800)-529-8882

A&E SEAL

PROJECT NO: F301049.35/F02

DRAWN BY: PJS

CHECKED BY:

ISSUED FOR

02-04-98	REVIEW
02-18-98	REVIEW

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.

COOK ROAD
 MONTVILLE, CT

SCALE: AS SHOWN

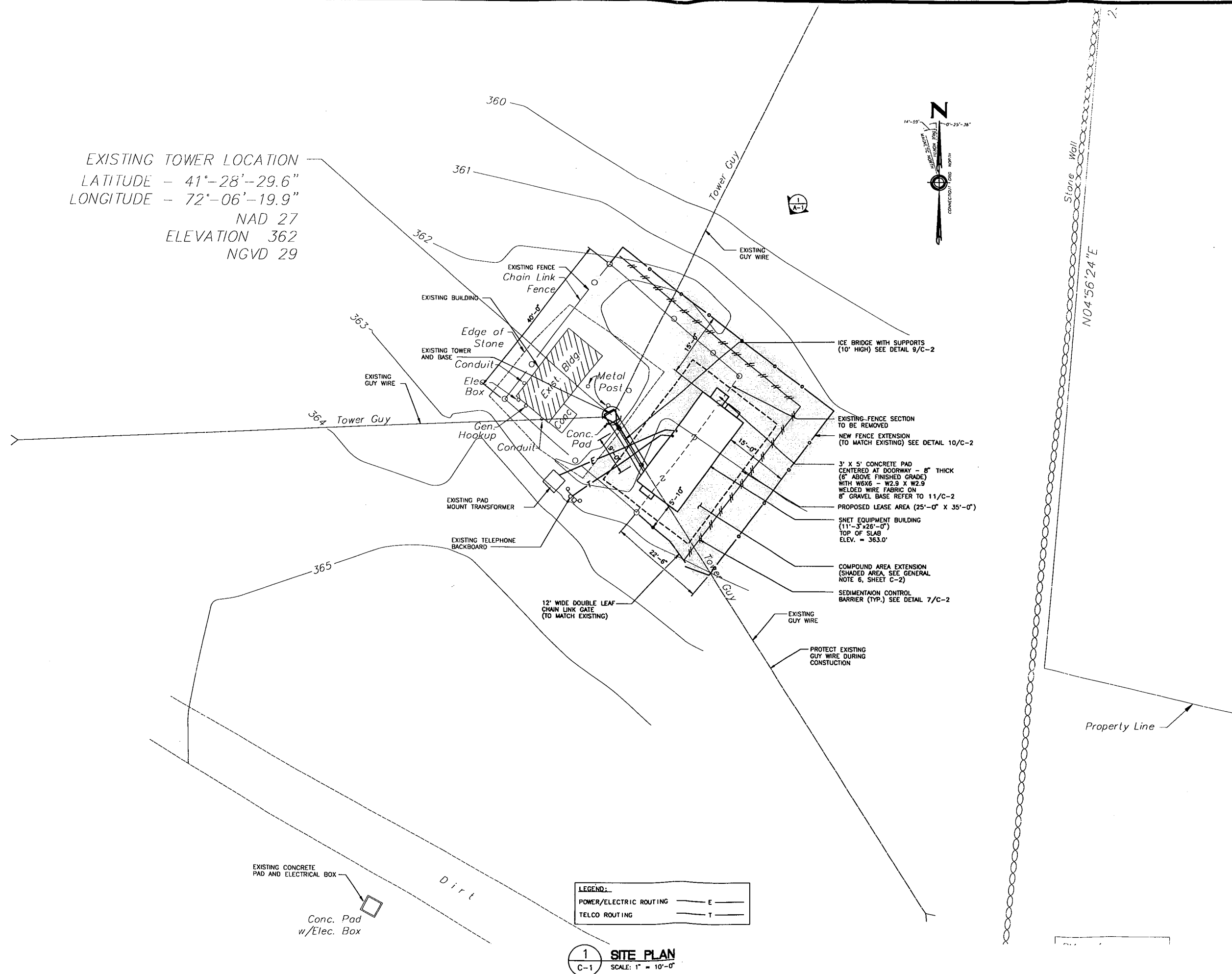
DATE: 02-18-98

DRAWING 2 OF 8

SITE PLAN

C-1

EXISTING TOWER LOCATION
 LATITUDE - 41°-28'-29.6"
 LONGITUDE - 72°-06'-19.9"
 NAD 27
 ELEVATION 362
 NGVD 29



LEGEND:
 POWER/ELECTRIC ROUTING — E —
 TELCO ROUTING — T —

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

P:\CADD\CIVIL\F301049.35\C-1 2-27-98 12:43:22 pm EST



A&E FIRM
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 MONTVILLE, CT

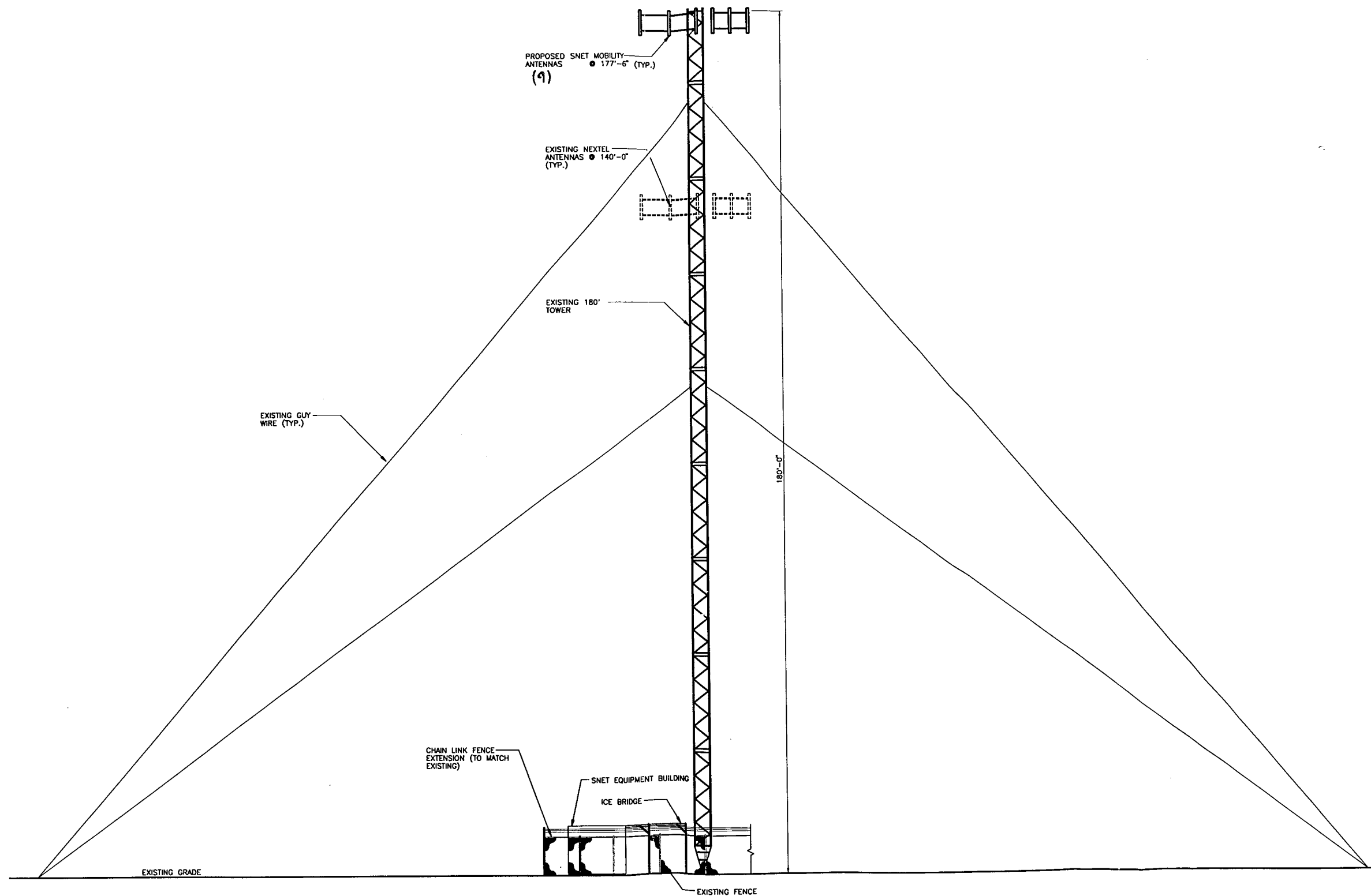
SCALE: AS SHOWN

DATE: 02-18-98

DRAWING 4 OF 8

TOWER ELEVATION

A-1



1
 A-1 **TOWER ELEVATION**
 SCALE: NTS

TOWN OF MONTVILLE
Building Department
848-7166

183.70
Pd. - ch.

APPROVED BUILDING PERMIT OR TRADES PERMIT
For 180 Days

Permit No: 13410 Approval Date: 4/17/97 Expiration Date: 10/17/97
Estimated Cost: 23,400.00 Fees: 142.00 PRF: 16.70 C.O.: 25.00
Owner: Ken Thomas Address: 11 Dell Drive Tel: 434-6363
Job Location: 57 Cook Drive Code: 08
Contractor: Northeast Towers Address: Farmington Tel: 622-6682
Stick Built: Modular Home: Manufactured Home: Commercial:
Addition: Garage: Car Port: Shed: Remodeling: Roofing:
Siding: Fireplace: Chimney: Windows: Pool: Demolition:
Plumbing: Heating: Electrical: Air Conditioning: Mass.
Patio, Porch Deck: Retaining Wall: New: Repair/Replacement:

Type of material used/description: 180' radio tower

Size: Type of Heat: Fireplace:
No. of stories: No. Rooms: Bedrooms:
No. Baths: Garage: Use:

I hereby certify that the proposed work will conform to the Basic Building Code and all other Codes as adopted by the State of Connecticut, and the town of Montville.

[Signature]

If signed by Contractor, type of license/registration & No. 90373
Building Official's Signature: Russell H. Stauffer Date: 4-17-97
Date of Health Dept. Approval: N/A
Date of Zoning Approval: OK

THIS IS TO INFORM YOU THAT UNDER THE CONNECTICUT AMENDMENT OF THE BUILDING CODE, SECTION 119-3 A CERTIFICATE OF OCCUPANCY IS REQUIRED PRIOR TO ANY USE OF THE STRUCTURE.
A MINIMUM OF 24 HOUR NOTICE TO THE BUILDING DEPARTMENT IS REQUIRED FOR INSPECTIONS.

ZONING PERMIT

ZONING PERMIT NUMBER 97-7 OR N/A EXPIRATION DATE 1-21-2002

APPLICANT WIRELESS SOLUTIONS LLC

APPLICANT'S ADDRESS P.O. Box 284 Old Lyme, Ct. TELEPHONE (860) 434-6363

PROPERTY OWNER Robert Kingsborough ⁰⁶³⁹¹ 57 Cook Dr. Lindesville

LOCATION 57 Cook Dr. LOT AREA 45+ Acres ZONE C-3

ASSESSOR'S MAP NUMBER 98 LOT NUMBER 2

BUILDING HEIGHT 18' PROPOSED FLOOR AREA _____

NATURE OF REQUEST/PROPOSED USE 180-Foot Transmission and Receiving Tower and 3 Buildings. 1. 12x16. 2. 12x20 3. 12x40

SKETCH ON REVERSE OR PROVIDE TWO COPIES OF PLANS DRAWN TO A SCALE OF AT LEAST 1" = 40' SHOWING: DIMENSIONS OF THE LOT, THE SIZE, AREA, AND LOCATION OF EXISTING, PROPOSED, PRINCIPAL AND ACCESSORY STRUCTURES, DRIVEWAYS, SANITARY FACILITIES AND WATER SUPPLY, PARKING FACILITIES, AND ADJACENT STREETS; DISTANCES OF PROPOSED STRUCTURES FROM PROPERTY LINES. IN THE CASE OF FILL OR EXCAVATION REQUESTS (UNDER 500 CUBIC YARDS), DIMENSIONS OF FILL OR EXCAVATION AREA MUST BE INCLUDED. A PLAN PREPARED BY A CONNECTICUT REGISTERED LAND SURVEYOR MAY BE REQUIRED. THE PROPOSED USE SPECIFIED ABOVE SHALL NOT BE AUTHORIZED UNTIL AN ACTUAL CERTIFICATE OF COMPLIANCE IS ISSUED BY THE COMMISSION OR ITS APPOINTED AGENTS.

- SKETCH PLAN OR GRADING PLAN YES N/A
- SEPTIC PERMIT YES N/A
- STATE HIGHWAY PERMIT YES N/A
- WETLANDS PERMIT YES N/A
- HAS A VARIANCE EVER BEEN GRANTED FOR THIS PROPERTY YES NO
- HAS BOND BEEN FILED YES N/A
- FEE PAID CASH CHECKS N/A

THE APPLICANT AGREES TO:

1. ADHERE TO ALL THE APPLICABLE REQUIREMENTS OF THE ZONING REGULATIONS.
2. NOTIFY THE COMMISSION OR ITS APPOINTED AGENT OF ANY ALTERATION IN THE PLANS.
3. CONTACT THE ZONING OFFICER (848-5549) AT LEAST 24 HOURS BEFORE CONSTRUCTION BEGINS TO ALLOW ZONING OFFICER TO INSPECT LOCATION.
4. CALL FOR FINAL INSPECTION AND REQUEST CERTIFICATE OF COMPLIANCE BEFORE ISSUANCE OF A C. O.

APPLICANT'S SIGNATURE [Signature] DATE: _____

COMMISSION AGENT [Signature] DATE 1/21/97

THIS SIGNED PERMIT AUTHORIZES THE APPLICANT TO PROCEED TO THE BUILDING DEPARTMENT FOR ANY REQUIRED PERMITS