



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

June 12, 1998

Jennifer Young Gaudet
Regulatory Manager
Bell Atlantic Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

RE: Bell Atlantic Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 1358 New Britain Avenue in West Hartford, Connecticut.

Dear Ms. Gaudet:

At a public meeting held June 11, 1998, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated May 13, 1998, and additional information dated June 4, 1998. Please notify the Council when all work is complete.

Very truly yours,

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

Mortimer A. Gelston
Chairman

MAG/RKE/jlh

c: Honorable Nan Glass, Mayor, Town of West Hartford



June 6, 1998

Ms. Jennifer Gaudet
Manager of Regulatory
Bell Atlantic Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, Connecticut 06492-5029

RE: *Corbins Corner*
BAM Proj. No. 943193

Dear Jennifer,

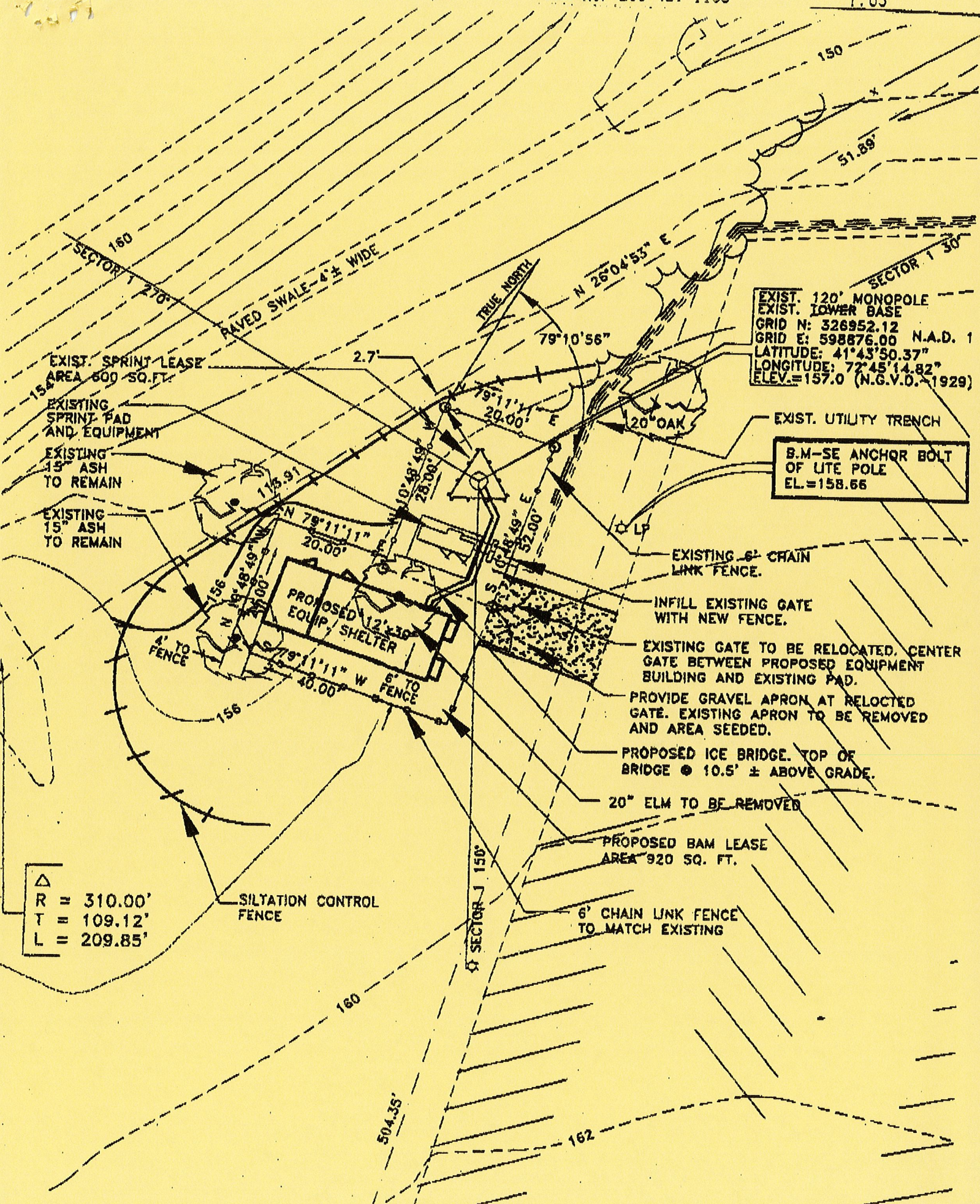
As requested, we have reviewed the impact of the proposed compound on two (2) existing 15" trees at the Corbins Corner Wireless Communications Facility. Our field survey found that one tree is clear of the compound and the other infringes on the proposed fence at the southwest corner. Accommodations can be made to the fence line to alleviate this condition without impacting the current site layout. Enclosed is a partial site plan delineating the trees in question.

Be advised that these trees are most likely Ash and not Locust as you described. We would also like to point out that these trees do have a number of dead limbs as they exist and no comment can be made as to their health or longevity.

Feel free to call if you require additional information regarding this matter.

Sincerely,

Carlo F. Centore, P.E.
Project Engineer



EXIST. 120' MONOPOLE
 EXIST. LOWER BASE
 GRID N: 326952.12
 GRID E: 598876.00 N.A.D. 1
 LATITUDE: 41°43'50.37"
 LONGITUDE: 72°45'14.82"
 ELEV.=157.0 (N.G.V.D.-1929)

B.M.-SE ANCHOR BOLT
 OF LITE POLE
 EL.=158.66

△
 R = 310.00'
 T = 109.12'
 L = 209.85'

**DEPARTMENT OF
COMMUNITY SERVICES**


May 28, 1998

RECEIVED

MAY 29 1998

CONNECTICUT
SITING COUNCIL

To: Connecticut Siting Council
Attention: Joe Rinebold

From: Donald R. Foster, Town Planner, West Hartford 

Re: **1358 New Britain Avenue**

Please be advised that the Town of West Hartford has reviewed the application of Bell Atlantic Mobile for the co-location of cellular antennas/equipment at the site of a current Sprint tower at 1358 New Britain Avenue.

The Town of West Hartford does not believe that any local inland wetlands permit is required for this project, nor is any local zoning approval necessary under the circumstances.

The Town would be concerned in the future if additional carriers co-locate on this tower and add additional equipment sheds to the site, but that concern can be addressed if future applications come forward.

Thank you for your consideration of this letter.

c: Patrick Alair, Assistant Corporation Counsel
Mila Limson, Senior Planner

1358NBA



TOWN OF WEST HARTFORD 50 SOUTH MAIN STREET
WEST HARTFORD, CONNECTICUT 06107-2431
(860) 523-3123 FAX: (860) 523-3200

Bell Atlantic Mobile

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

Jennifer Young Gaudet
Manager - Regulatory

RECEIVED

MAR 29 1999

March 29, 1999

**CONNECTICUT
SITING COUNCIL**VIA FACSIMILE

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

Re: **Shared Use of Sprint Tower Facility at 1358
New Britain Avenue, West Hartford, Connecticut**

Dear Mr. Rinebold:

In response to your request for information on landscaping at the Sprint facility at 1358 New Britain Avenue in West Hartford, enclosed is a site plan drawing depicting the addition of Bell Atlantic Mobile's ("BAM's") equipment to the Sprint site. The plan reflects landscaping specified by the landlord as a condition of allowing BAM's addition to the site. Specifically, seven arbor vitae will be installed on the south and east sides of BAM's portion of the fenced area.

Landscaping is the only remaining activity related to BAM's construction at the site. Subject to appropriate weather and ground conditions, the planned landscaping will be completed within one month.

If you have any further questions related to BAM's work at the Sprint site, please contact me.

Respectfully yours,

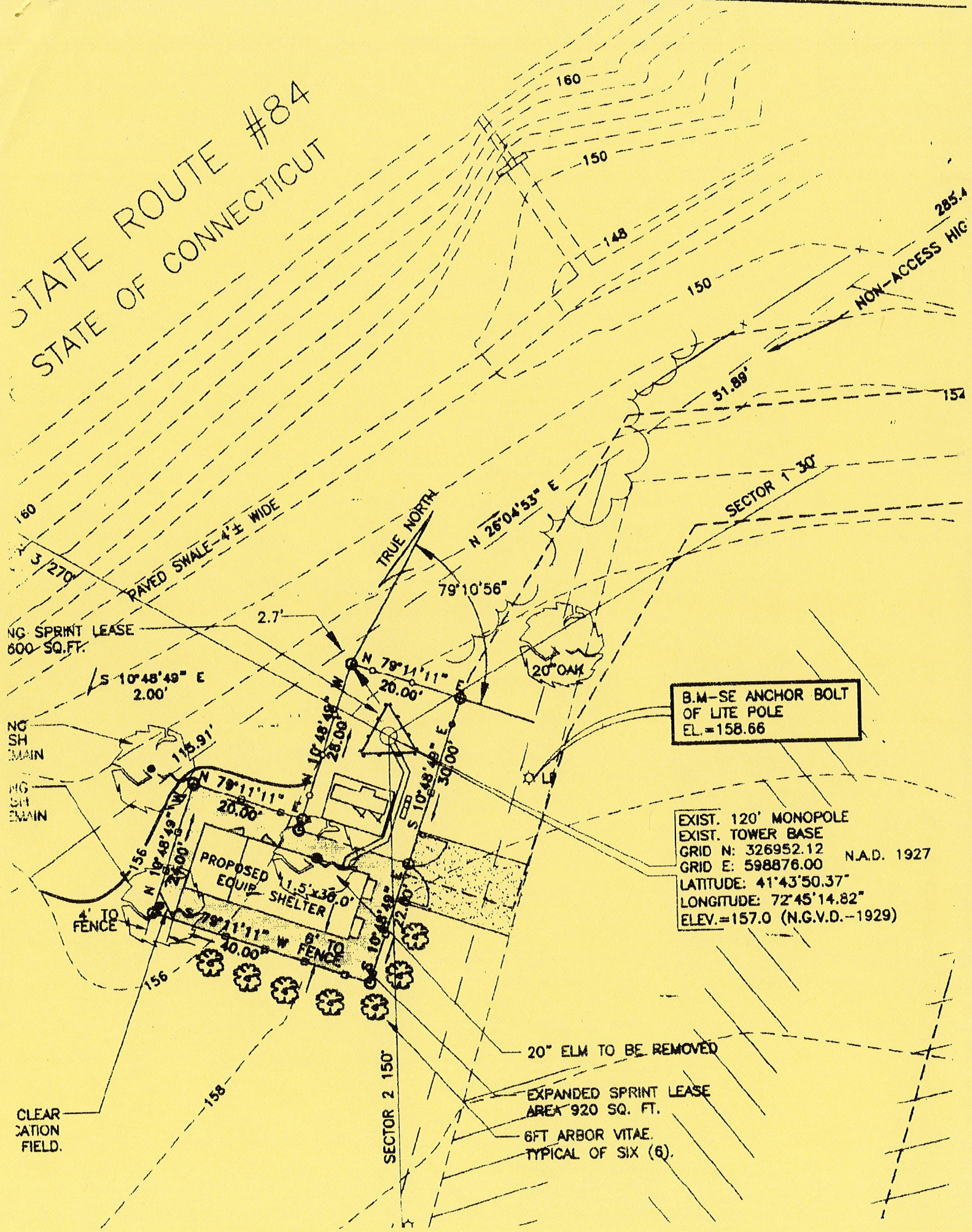
A handwritten signature in cursive script that reads "Jennifer Young Gaudet".

Jennifer Young Gaudet
Manager - Regulatory

Enclosure

cc: Chris Gelinis, Sprint PCS

STATE ROUTE #84
STATE OF CONNECTICUT



B.M.-SE ANCHOR BOLT
OF LITE POLE
E.L.=158.66

EXIST. 120' MONOPOLE
EXIST. TOWER BASE
GRID N: 326952.12
GRID E: 598876.00
LATITUDE: 41°43'50.37" N.A.D. 1927
LONGITUDE: 72°45'14.82"
ELEV.=157.0 (N.G.V.D.-1929)

20" ELM TO BE REMOVED

EXPANDED SPRINT LEASE
AREA 920 SQ. FT.

6FT ARBOR VITAE
TYPICAL OF SIX (6).

CLEAR
ANCE FIELD.

NG SPRINT LEASE
600 SQ.FT.

NG SH
MAIN

NG SHT
MAIN

CLEAR
ANCE FIELD.

Bell Atlantic Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492
Telephone: 203-269-8858

Jennifer Young Gaudet
Manager - Regulatory

RECEIVED

MAY 13 1998

May 13, 1998

CONNECTICUT
SITING COUNCIL

HAND DELIVERED

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

Re: **Request by Cellco Partnership d/b/a Bell Atlantic Mobile for an Order to Approve the Shared Use of a Tower Facility Off New Britain Avenue, West Hartford, Connecticut**

Dear Mr. Rinebold:

Pursuant to Connecticut General Statutes (C.G.S.) §16-50aa, Cellco Partnership d/b/a Bell Atlantic Mobile ("BAM" or the "Applicant") hereby requests an order from the Connecticut Siting Council ("Council") to approve the proposed shared use by the Applicant of an existing tower located at 1358 New Britain Avenue in West Hartford, Connecticut. The property is owned by West Hartford United Methodist Church, from which Sprint Spectrum L.P. ("Sprint") leases property for the tower site. Sprint owns and operates the tower. As shown on the attached drawings and as further described below, BAM proposes to install antennas on the existing tower and to install an equipment shelter adjacent to Sprint's equipment. The Applicant requests that the Council find that the proposed shared use of the tower satisfies the criteria stated in C.G.S. §16-50aa, and issue an order approving the proposed use.

Background

Cellco Partnership d/b/a Bell Atlantic Mobile is licensed by the Federal Communications Commission (FCC) to provide cellular telephone service in the Hartford New England County Metropolitan Area (NECMA), which includes the area to be served by the Applicant's proposed installation.

The Sprint tower in West Hartford, Connecticut is an approximately 120-foot monopole tower located in the northwest portion of the Church property, adjacent to the Route I-84 right-of-way. The Applicant and Sprint have agreed to the proposed shared use of this tower pursuant to mutually

acceptable terms and conditions. Sprint has authorized the Applicant to apply for all necessary permits, approvals and authorizations which may be required for the proposed shared use of this facility.

BAM proposes to install twelve (12) Swedcom Model ALP-E 9011-Din antennas, approximately 43 inches in height, on a second antenna platform with their center of radiation at approximately 110 feet above ground level ("AGL"). BAM also will install one (1) GPS antenna opposite Sprint's GPS antenna at approximately the 100' level of the tower. Equipment associated with these antennas, as well as a 30 KW diesel-fueled emergency stand-by generator, would be located in a new 12-foot x 30-foot equipment building located adjacent to Sprint's equipment area.

C.G.S. §16-50aa provides that, upon written request for approval of a proposed shared use, "if the council finds that the proposed shared use of the facility is technically, legally, environmentally and economically feasible and meets public safety concerns, the council shall issue an order approving such shared use." (C.G.S. §16-50aa(c)(1).)

The shared use of the tower satisfies the criteria stated in C.G.S. §16-50aa as follows:

A. Technical Feasibility. The existing tower is structurally sound and capable of supporting the proposed BAM antennas. The proposed shared use of this tower therefore is technically feasible.

B. Legal Feasibility. Under C.G.S. §16-50aa, the Council has been authorized to issue an order approving the proposed shared use of an existing tower facility such as the facility in West Hartford. (C.G.S. §16-50aa(c)(1).) This authority complements the Council's prior-existing authority under C.G.S. §16-50p to issue orders approving the construction of new towers that are subject to the Council's jurisdiction. C.G.S. §16-50x(a) directs the Council to "give such consideration to other state laws and municipal regulations as it shall deem appropriate" in ruling on requests for the shared use of existing tower facilities. Under the authority vested in the Council by C.G.S. §16-50aa, an order by the Council approving the shared use would permit the applicant to obtain a building permit for the proposed installation.

C. Environmental Feasibility. The proposed shared use would have a minimal environmental effect, for the following reasons:

1. The proposed installation would have an insignificant incremental visual impact, and would not cause any significant change or alteration in the physical or environmental characteristics of the property. The addition of the proposed antennas would not increase the height of the existing tower. The equipment shelter, within a fenced area, will be placed adjacent to Sprint's equipment, off of the existing church parking lot. At the church's request, the facade of the equipment shelter will be designed to match the existing red-toned brick of

the church facade. In addition, landscaping to be specified by the church will be added on the south and east sides of the facility.

2. The proposed installation would not increase the noise levels at the existing facility by six decibels or more. The only additional noise will occur during emergency use or periodic exercising of the generator.
3. Operation of BAM's additional antennas at this site would not exceed the total radio frequency electromagnetic radiation power density, measured at the tower base, to a level at or above the applicable FCC/NCRP standards. A "worst-case" calculation for a point at the base of the tower for Sprint's operations indicates a power density of 0.0335 mW/cm^2 , or 3.35% of the applicable standard of 1.000 mW/cm^2 for Sprint's frequencies. A "worst-case" calculation for a point at the base of the tower indicates that BAM's operations would add 0.0564 mW/cm^2 , or 9.68% of the applicable standard (0.583 mW/cm^2 for BAM's frequencies). Thus, the calculated "worst-case" power density for the combined operations at the site is 13.03% of the applicable standards for uncontrolled environments as calculated for a mixed frequency site.
4. The proposed installation would not require any water or sanitary facilities, or generate discharges to water bodies. Operation of the emergency back-up generator will result in limited air emissions; pursuant to R.C.S.A. Section 22a-174-3, the generator will require the issuance of a permit from the Department of Environmental Protection Bureau of Air Management. After construction is complete, the proposed installation would not generate any traffic other than for periodic maintenance visits.

The proposed use of this facility would therefore have a minimal environmental effect, and is environmentally feasible.

E. Economic Feasibility. As previously mentioned, Sprint and the Applicant have entered into a mutual agreement to share use of the existing tower on terms agreeable to the parties. The proposed tower sharing is therefore economically feasible.

F. Public Safety Concerns. As stated above, the existing tower is structurally capable of supporting the proposed BAM antennas. The Applicant is not aware of any other public safety concerns relative to the proposed sharing of the existing tower. In fact, the provision of new or improved cellular communications service in the West Hartford area through shared use of the existing tower is expected to enhance the safety and welfare of area residents and travelers.

Mr. Joel M. Rinebold
May 13, 1998
Page 4

Conclusion

For the reasons discussed above, the proposed shared use of the existing tower facility at 1358 New Britain Avenue in West Hartford satisfies the criteria stated in C.G.S. §16-50aa, and advances the General Assembly's and the Council's goal of preventing the proliferation of towers in Connecticut. The Applicant therefore requests that the Council issue an order approving the proposed shared use.

Thank you for your consideration of this matter.

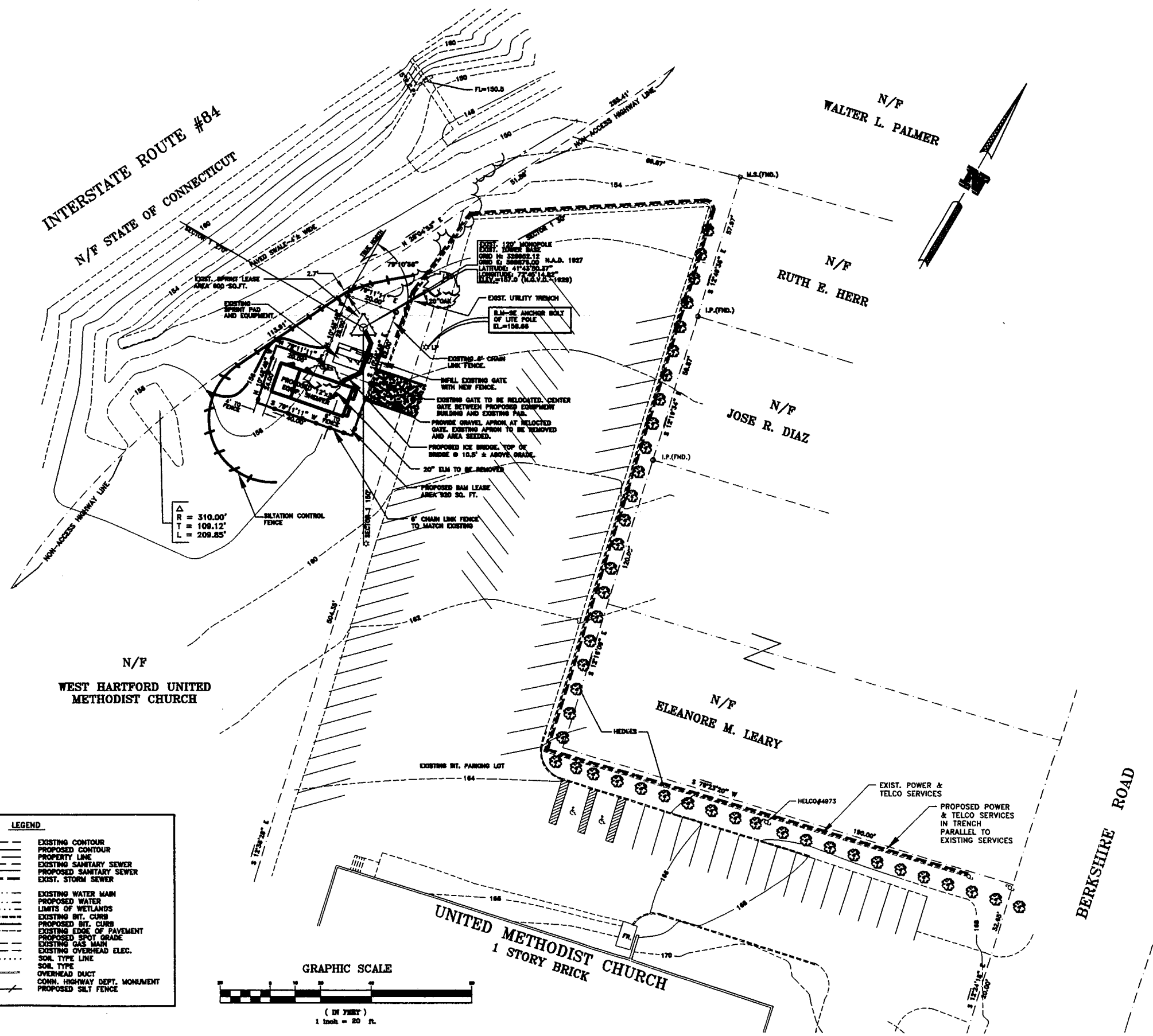
Respectfully yours,



Jennifer Young Gaudet
Manager - Regulatory

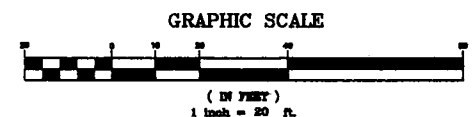
Attachments

cc: Ms. Mila Limson, Senior Planner, Town of West Hartford



LEGEND

---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	PROPERTY LINE
---	EXISTING SANITARY SEWER
---	PROPOSED SANITARY SEWER
---	EXIST. STORM SEWER
---	EXISTING WATER MAIN
---	PROPOSED WATER MAIN
---	LIMITS OF WETLANDS
---	EXISTING INT. CURB
---	PROPOSED INT. CURB
---	EXISTING EDGE OF PAVEMENT
---	PROPOSED SPOT GRADE
---	EXISTING GAS MAIN
---	EXISTING OVERHEAD ELEC.
---	SOIL TYPE LINE
---	SOIL TYPE
---	OVERHEAD DUCT
---	CONN. HIGHWAY DEPT. MONUMENT
---	PROPOSED SILT FENCE



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

REAL ESTATE NO. HRT60

PROJECT NO: BAW943193

DRAWN BY: DAK

CHECKED BY: CFC

ISSUED FOR

01	03/11/98	REAL ESTATE DIV.
02	03/12/98	CITY COUNCIL REVIEW

CORBINS CORNER

1358 NEW BRITIAN AVE.
 WEST HARTFORD, CT.

SCALE: AS NOTED

DATE: 2/9/98

DRAWING 2 OF 3

SITE PLAN

C-1



National Communications Installations LLC
 83-2 North Branford Rd.
 Branford, Connecticut
 Tel. (203) 488-0580
 Fax (203) 488-8587

PROFESSIONAL ENGINEER SEAL

REAL ESTATE NO. HRT60

PROJECT NO. BAM943193

DRAWN BY: DAK

CHECKED BY: CFC

ISSUED FOR		
01	02/11/98	REAL ESTATE EXBL.
02	05/12/98	CITING COUNCIL REVIEW

CORBINS CORNER
 1358 NEW BRITIAN AVE.
 WEST HARTFORD, CT.

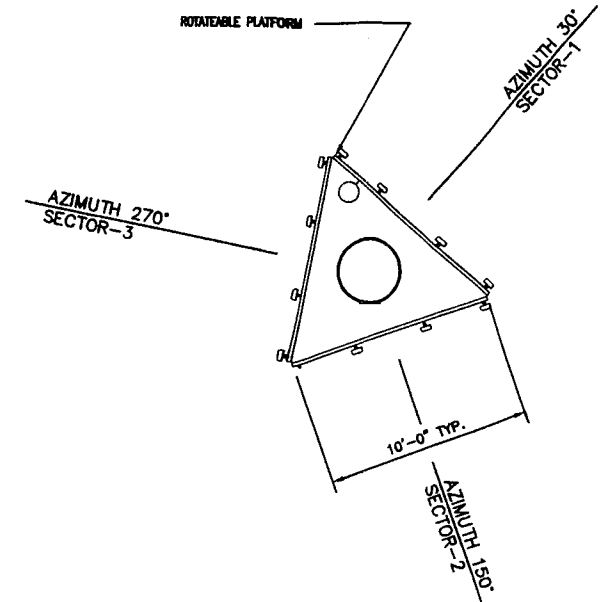
SCALE: AS NOTED

DATE: 2/9/98

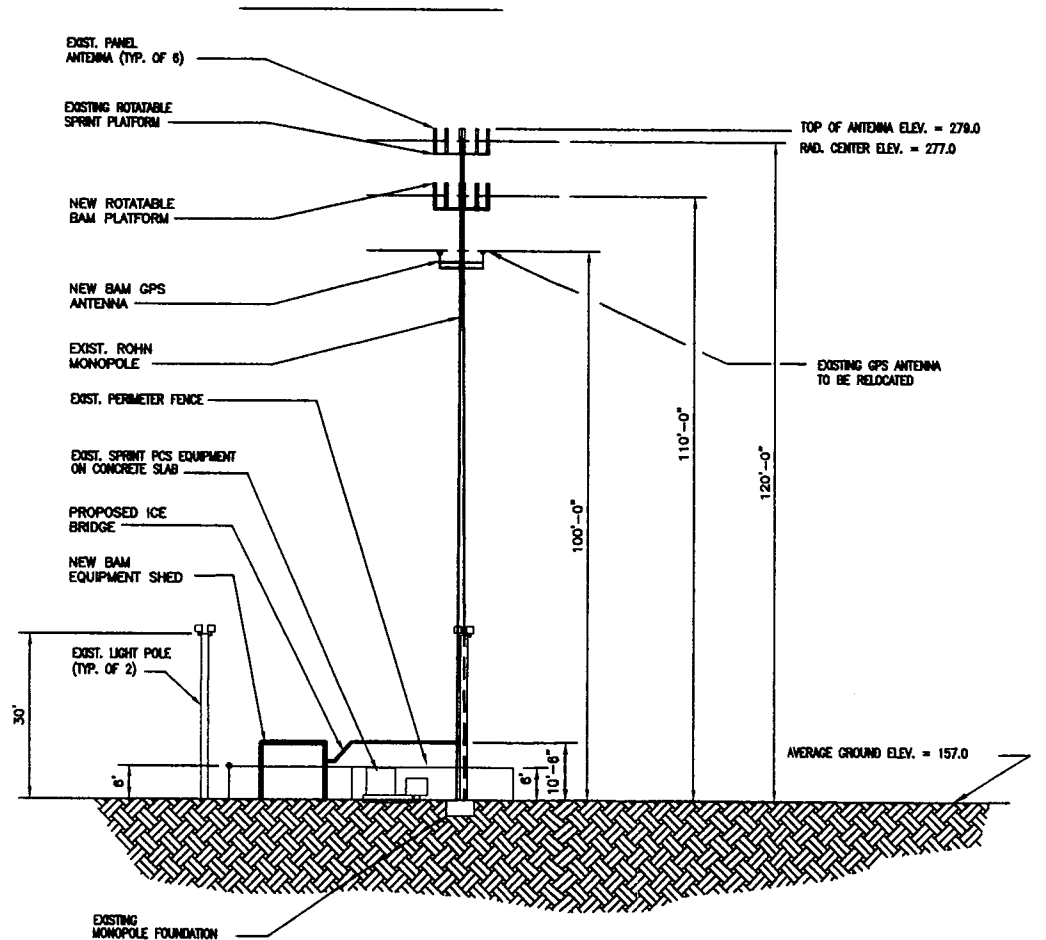
DRAWING 3 OF 3

SITE
 MODIFICATION
 PLAN

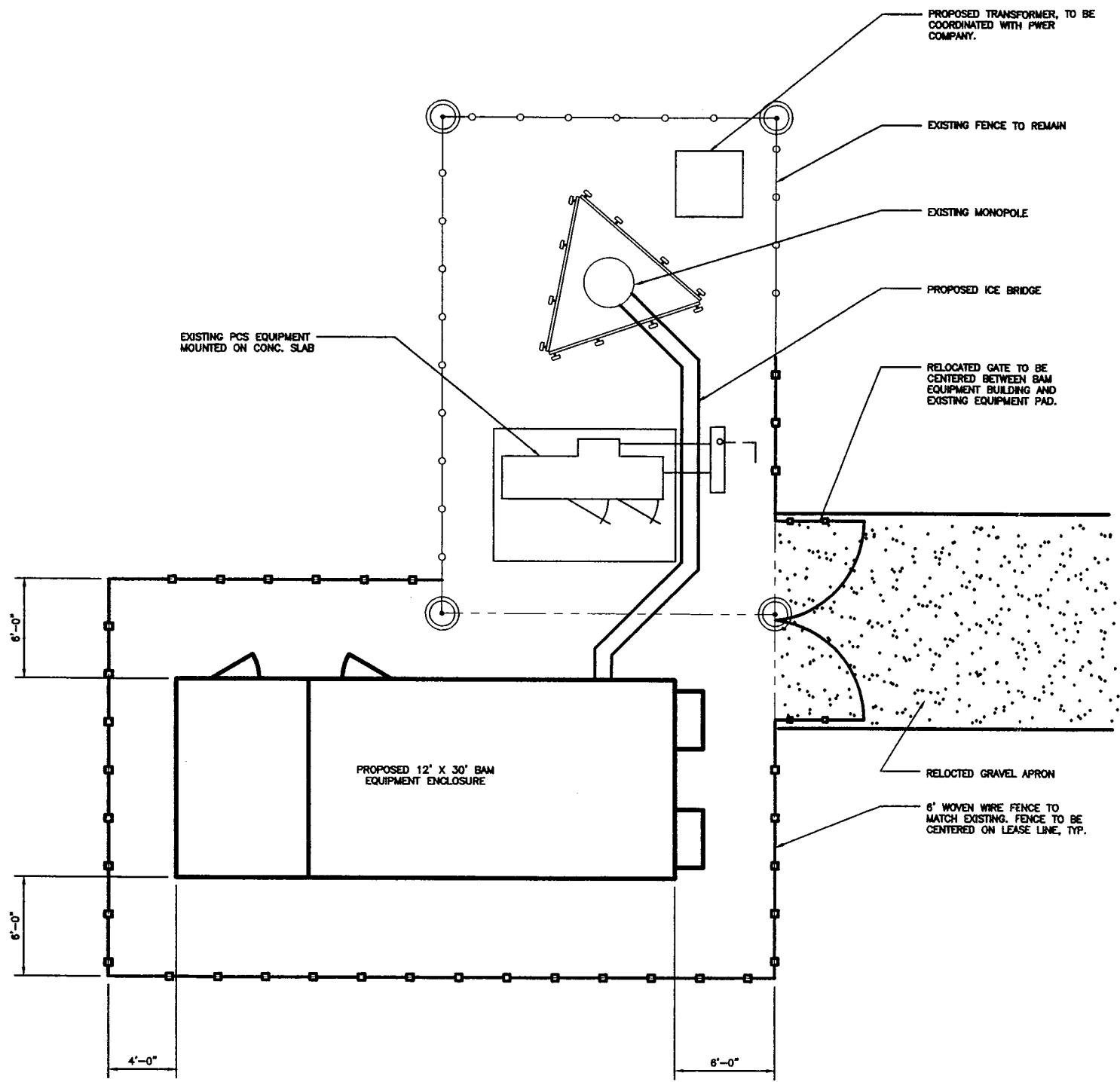
C-2



3 ANTENNA PLAN
 C-2 SCALE: N.T.S.



2 EAST ELEVATION
 C-2 SCALE: 1/16"=1'-0"



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