

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401 New Britain, Connecticut 06051 Phone: 827-7682

Gloria Dibble Pond Chairperson

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November 27, 1990

Jennifer Young Gaudet
Byrne, Slater, Sandler, Shulman & Rouse, P.C.
Attorneys at Law
330 Main Street
P.O. Box 3216
Hartford, Connecticut 06103

Re: Housatonic Cable Vision Company - Notice of Exempt Modification - Monroe Facility

Dear Ms. Gaudet:

At a meeting on November 26, 1990, the Connecticut Siting Council (Council) acknowledged a notice of an exempt modification at an existing community antenna television tower head-end site in Monroe by Housatonic Cable Vision Company and Metro Mobile CTS of Fairfield County, Inc., pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modifications are to be implemented as specified in your notices dated July 13 and November 7, 1990. The modifications are in compliance with the exception criteria in RSA 16-50j-72 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 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 Section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of the existing tower meets the Council's long term goal and public interest to avoid construction of additional tower structures.

Jennifer Young Gaudet November 27, 1990 Page 2

Enclosed for your reference is a copy of the staff report. Please notify the Council when construction is complete.

Very truly yours,

Gloria Dibble Pond

Chairperson

GDP/foc enclosure

cc: Honorable Kenneth S. Heitzke, Selectman, Town of Monroe

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CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401 New Britain, Connecticut 06051 Phone: 827-7682

Housatonic Cable Vision Co.
Exempt Modification - Monroe Facility
Staff Report
November 26, 1990

On July 13, 1990, Housatonic Cable Vision Company (HCV), filed a notice of intent for plans to install two, four-antenna arrays at the 65-foot and 90-foot levels including individual antennas at the 55-foot, 65-foot and 73-foot levels for off-air reception of broadcast signals. In addition, Housatonic would install an eight-foot UHF dish at the 90-foot level. Metro Mobile CTS of Fairfield County, Inc. (Metro Mobile) also plans to install eight cellular antennas at the 103-foot and 140-foot levels of the tower and an equipment at the existing Monroe facility.

On July 25, 1990, the Connecticut Siting Council (Council) tabled consideration of the proposed exempt modification and requested information confirming approval by the Town of Monroe and Department of Environmental Protection (DEP) because the existing site is located on a former landfill. Also a structural analysis of the existing tower and a site map showing no expansion were requested.

On November 7, 1990, HCV supplied the Council the additional information it requested. A structural analysis revealed the tower foundation is stable, however, the existing tower would need reinforcement between the 20-foot and 60-foot section and the existing guy wires would need to be upgraded to accommodate the additional antennas. Metro Mobile plans to substitute the eight previously planned antennas with four eleven-foot, whip antennas which are approximately half the weight of those previously planned. The DEP Solid Waste Unit approves the construction of Metro Mobile's equipment building on the Town of Monroe's former landfill with conditions to not disturb the landfill cap. Metro Mobile would be responsible to prevent/monitor any migration of landfill gas into the building. In addition the Town of Monroe has issued a building permit for Metro Mobile's equipment building.

There would be no expansion of the tower site, no increase in tower height, power density would not be above State standards, and noise levels would not be increased.

Fred Cunliffe Siting Analyst 4897E



CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401 New Britain, Connecticut 06051 Phone: 827-7682

Housatonic Cable Vision Co.
Exempt Modification - Monroe Facility
Staff Report
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There would be no expansion of the tower site, no increase in tower height, power density would not be above State standards, and noise levels would not be increased.

Fred Cunliffe Siting Analyst 4897E

Byrne, Slater, Sandler, Shulman & Rouse, P.C.

Attorneys at Law 330 Main Street P.O. Box 3216 Hartford, Connecticut 06103

(203) 525-4700 Telecopier (203) 522-4780 RECEIVED

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July 13, 1990

CONNECTICUT

HAND-DELIVERED

Connecticut Siting Council
136 Main Street
Suite 401
New Britain, Connecticut 06051

Attention: Joel M. Rinebold, Executive Director

Re: Housatonic Cable Vision Company - Notice Pursuant to R.C.S.A. § 16-50j-73 - Monroe Facility

Dear Mr. Rinebold:

Please accept this letter as notice of intent, pursuant to R.C.S.A. § 16-50j-73, to install associated equipment which constitutes an exempt modification pursuant to § 16-50j-72(b) of the Council's Rules of Practice at the existing CATV tower and head-end facility of Housatonic Cable Vision Company ("Housatonic") located in the Town of Monroe, Connecticut. Housatonic plans to install additional antennas which will enable the reception off-air of a number of broadcast stations. In addition, Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile") will install its antennas and equipment at the existing facility.

two quadrate channeler Housatonic intends to install log-periodic antenna arrays for the purpose of receiving New York broadcast stations off-air. One four-antenna array, to be added at approximately the 90' level of the tower, will allow reception of Channels 7, 9, 11 and 13. The second, to be added at approximately the 65' level of the tower, will allow reception of Channels 2, 4 and 5. Housatonic will add individual quadrate channeler log-periodic antennas at approximately the 55', 65' and 73' levels of the tower to receive WEDW-Ch 49, WFSB-Ch 3 and In addition, Housatonic will install an 8' UHF dish at approximately the 90' level of the tower to receive WVIT-Ch 30, WTIC-Ch 61, WTXX-Ch 20 and WHCT-Ch 18. Housatonic currently receives certain of these channels via microwave from New Milford Cablevision Company's New Milford head-end site, where they are received off-air. The Company anticipates that receiving the quality signals off-air at Monroe will increase reliability of cable television service to subscribers in Monroe, Trumbull and parts of Newtown.

Connecticut Siting Council July 13, 1990 Page 2

Metro Mobile intends to install two whip-type transmit antennas, Model PD-10017, that will be mounted on two 6' sidearms with the base of the antennas at the 140' level of the tower. The transmit antennas will extend upward approximately 13' from the mounting points. Also, Metro Mobile plans to install six transmit/receive antennas, Model PD-1132, that will be mounted two each on three 6' sidearms with the base of the antennas at the 103' level of the tower. The transmit/receive antennas will extend upward approximately 12' from this level. Metro Mobile's electronics equipment will be installed in a prefabricated equipment shelter.

Attached hereto, for the Council's information, is a drawing of the Housatonic tower with all existing and planned antennas and a drawing of the site indicating the location of Metro Mobile's equipment shelter in relation to the existing facility.

Housatonic respectfully submits that the addition of the proposed antennas constitutes an exempt modification, as defined in R.C.S.A. § 16-50j-72(b)(2). The addition of the antennas will not increase the height of the 140' tower, with existing attachments, or extend the boundaries of the tower site. The additional antennas will have no cognizable impact on noise levels at the tower site boundary.

The addition of the proposed antennas will not increase the total radio frequency electromagnetic radiation power density measured at the tower base to a level at or above the State Department of Environmental Protection standard. The following table summarizes the power density at the tower base from the various sources on the tower (including Metro Mobile's 875 MHz cellular transmission at 90 channels at 100 watts effective radiated power) in relation to the standard.

Frequency	Power Density	Standard Limits	% of Standard
464.625 MHz (existing)	0.0008	1.5488 mW/cm^2	0.05%
875 MHz	0.1063	2.9200 mW/cm^2	3.60%*
TOTAL	0.1071		3.65%

As the table shows, the proposed additions (*) to the tower contribute 3.6% of the State exposure standard for the cellular frequency range, bringing the site total to 3.65% of the standard as calculated for a mixed frequency site.

BYRNE, SLATER, SANDLER, SHULMAN & ROUSE, P.C.

Connecticut Siting Council July 13, 1990 Page 3

By copy of this letter, the chief elected official of the Town of Monroe is receiving written notice of the intent to construct an exempt modification to the Housatonic facility in Monroe, as required by R.C.S.A. § 16-50j-73. Please note that the Monroe facility is located on property leased from the Town of Monroe.

Thank you for your consideration.

Respectfully yours,

HOUSATONIC CABLE VISION COMPANY

Jennifer Young Gaudet
Its Attorney

Enclosures cc: The Honorable Kenneth S. Heitzke, Selectman, Town of Monroe (42)/25

HOUSATONIC CABLE VISION MONROE TOWER SITE

LONGITUDE LATITUDE

073-16**-**38 41-20-33 GROUND ELEVATION 620'

METRO MOBILE CELLULAR HT.140' PD10017 W/6' SIDE ARM 13' ANT

EXISTING
AML 10' DISH WBQ-965
FREQ. 12, 100.5-12, 946.5MHz
AZ-343°. HT. 130'

METRO MOBILE CELLULAR HT.102' PD1132 W/6' SIDE ARM 13' ANT.

HARTFORD, CT UHF B' DISH CH. WVIT-30, WTIC-61, WTXX-20 AZ-42°, HT. 90' WHCT-18

NEW HAVEN, CT CH. WTNH-8, AZ-71°, HT. 73'

HARTFORD, CT CH. WFSB-3 AZ-38°, HT. 65'

BRIDGEPORT, CT CH. WEDW-49 AZ-132°, HT. 55° EXISTING 20 ANT. KNCF530 HOUSATONIC CABLE VISION 2WAY RADIO T-464.625. R469.625MHz

> NEW YORK, NEW YORK CH. WABC-7. WWOR-9. WPIX-11. WNET-13 AZ-221°. HT. 90'

NEW YORK, NEW YORK CH. WCBS-2, WNBC-4, WNYW-5 AZ-221°. HT. 65'

140' TOWER 1" = 20'

DATE: 6-15-90

MOBILE EGUIPMENT FACILITY Geisser Engineering Corporation JOB METRO MOBILE Consulting Engineers 227 Wampanoag Trail Riverside, R. I. 02915 401-438-7711 CALCULATED BY. CHECKED BY 8CALE NORTH 65J.5 OF CONN MINIOF CONV. ORES GLISSES 651 650 BX20' MOBILE 201 EQUIPMENT FACILIT 650 ONAL ENGINE 651.5 65 M 650 EXISTING CONCERE BULLDING BM-H for of 1. Pin BLEV. GM. 19 GAR EGEND GUY 649.0 アイアノア

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CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401 New Britain, Connecticut 06051-4225 Phone: 827-7682

April 26, 1993

David S. Malko
Manager, Engineering and
Regulatory Services
Bell Atlantic Metro Mobile
20 Alexander Drive
Wallingford, CT 06492

FILE

RE: Metro Mobile CTS of Fairfield County, Inc., notice of intent to replace an existing temporary equipment shelter with a larger permanent equipment shelter at an existing facility site owned by Housatonic Cable Vision Company off Guinea Road in Monroe, Connecticut.

Dear Mr. Malko:

At a meeting held April 22, 1993, the Connecticut Siting Council acknowledged your notice of an exempt modification for an existing tower site off Guinea Road, in Monroe, Connecticut.

As proposed in your notice received April 12, 1993, the modification is in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72(b) for changes to an existing facility site that would not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes.

Very truly yours,

Mortimer A. Gelston

Chariman

MAG/TEF/ss

6905E



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

David S. Malko, P.E. General Manager - Engineering

April 8, 1993

Mr. Joel M. Rinebold, Executive Director Connecticut Siting Council 136 Main Street Suite 401

APR 1 2 1993

CONNECTICUT

SITING COUNCIL

Re: <u>Metro Mobile CTS of Fairfield County, Inc. - Monroe</u> Cell Site

06051

Dear Mr. Rinebold:

New Britain, Connecticut

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to replace its equipment shelter at the existing tower facility owned by Housatonic Cable Vision Company in Monroe, Connecticut. Please accept this letter as notice of intent, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b). In further compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the Selectman of Monroe.

The existing facility consists of a 140' guyed tower located on a $1.7\pm$ acre parcel on Guinea Road in Monroe. Metro Mobile plans no changes to the existing tower or antenna systems. The only change proposed is the replacement of the Company's existing 8' x 20' temporary equipment shelter with a permanent 12' x 21' shelter together with the necessary foundation work as detailed in the attached drawing. The new structure will be located approximately three feet west of the existing shelter.

The replacement of Metro Mobile's equipment shelter at the site does not constitute a modification as defined in C.G.S. Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. (See attached site plan). Rather, the planned changes to the existing facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b).

First, the height of the existing tower will be unaffected. Second, the proposed equipment shelter to be located three feet from the existing building, which is to be removed, will not extend the site boundaries.

Third, the proposed shelter replacement will not increase the noise levels at the existing facility by six decibels or more. The only noise associated with the operation of the site will be from air conditioning and temporary emergency power equipment (portable generator), when in use, and will be comparable to what is at the site today.

Fourth, operation of the existing antennas will not change and therefore will not increase the total radio frequency electromagnetic radiation power density, measured at the site boundary, to a level at or above the State Department of Environmental Protection standard.

Finally, the Company has applied for and received all necessary State approvals and municipal permits for the project. By letter dated January 8, 1993 the DEP Waste Management Bureau's Waste Engineering & Enforcement Division was notified of our plans. The Bureau approved these plans by letter dated January 28, 1993. Copies of this correspondence is attached. The Certificate of Zoning Compliance and the Building Permit were received from the Town of Monroe in March, 1993 and are also attached.

ery truly yours

David S. Malko, P.E.

General Manager - Engineering

Attachments

cc: Honorable Kenneth S. Heitzke, Selectman, Town of Monroe

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

January 8, 1993

Waste Management Bureau State of Connecticut Department of Environmental Protection 165 Capital Avenue Hartford, CT. 06106

Attention: Richard J. Barlow

Gentlemen:

Bell Atlantic Metro Mobile is planning to install a new cellular equipment shelter adjacent to our existing temporary facility. Our facility is located on the closed municipal solid waste disposal area located off Guinea Road in the Town of Monroe, Connecticut, on land leased by Housatonic Cable Vision Company.

The work would involve the removal of an area of bituminous concrete approximately 13-0 x 22-0 along with 6" of gravel below the bituminous concrete. The gravel is not part of the landfill cap but gravel fill placed over the cap to level the site. We would install a 13-0 x 22-0 x 1-0 reinforced concrete slab on which the new cellular equipment shelter would be placed.

I am enclosing for your review, Geisser Engineering Drawing 1 of 1 dated 1-4-93 titled Mobile Equipment Facility, which details the extent of our foundation work at the above mentioned facility. I would appreciate your review and comments of the attached drawing at your earliest convenience.

If you need any additional information, plans or wish to visit the site, please feel free to contact me at 294-7440.

Respectfully,

Mark D. Gauger

Manager of Construction

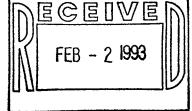
STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION



January 28, 1993

Mr. Mark D. Gauger
Bell Atlantic Metro Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492

Dear Mr. Gauger:



The Waste Management Bureau's Waste Engineering & Enforcement Division (WEED) has reviewed the Bell Atlantic Metro Mobile proposal to install a new cellular equipment shelter on the closed municipal solid waste disposal area located on Guinea Road in the Town of Monroe.

The submitted proposal includes engineering plans prepared by Geisser Engineering Corporation, Riverside, RI depicting the general site location, proposed building plan and foundation construction. The proposed construction will be above the existing grade, with no disruption of the landfill capping material. The Waste Management Bureau approves the proposal submitted by Bell Atlantic Metro Mobile, subject to the following conditions:

- 1. During construction of the cellular equipment shelter, all necessary precautions shall be taken to ensure that there is no disruption or damage to the existing final landfill capping material. Any violations of the landfill cap shall be immediately repaired with proper cover materials (>20% fines) and seeded.
- 2. Construction of the equipment shelter shall be as outlined in the cover letter and associated engineering plans submitted in the January 8, 1993 Bell Atlantic Metro Mobile proposal to WEED. Any variation from these plans will need WEED staff approval.
- 3. At all times, adequate steps shall be taken to limit access to this site to appropriate personnel.
- 4. As necessary, adequate steps to monitor and prevent landfill decomposition gas migration within the equipment shelter shall be evaluated by Bell Atlantic Metro Mobile or their design engineer.

Upon completion of construction activities Bell Atlantic Metro Mobile shall notify, in writing, the Waste Engineering & Enforcement Division. Please contact David McKeegan (WEED) at 566-5847 if you have any questions regarding this letter.

Sincerely yours,

David A. Nash

Director

Waste Engineering & Enforcement Division

Waste Management Bureau

DAN/dkm

cc:Kenneth Heitzke, Town of Monroe

(Printed on Recycled Paper)



TOWN OF MONROE, CONNECTICUT PROVISIONAL CERTIFICATE ZONING COMPLIANCE

This is to certify that the pro-	posed PRE-FABR	ICATED BUI	ILDING	
		PRE-FABRICATED BUILDIA (structure, addition, use)		
located at No. 226	(Lot No)	IINEA.	(Ctook, Road, Drive)	
Application dated	(Lot No)	WILLIAM B	AKER	
has been examined and based on t	he information contained in said apple	cation the proposal conf	forms to the Zoning Regulations of	
the Town of Monroe, dated	7-1-92 (Effective date of last ame			
	(Effective date of last ame	ndment)	·	
This provisional certificate e	expires one year from the date herei	n, or upon issuance of a	a permanent certificate of zoning	
compliance, whichever is first. Fai	lure to obtain said permanent certific	cate prior to use shall co	onstitute a violation of the Zoning	
Regulations of the Town of Monro				
	Dated at Manron Connection	u this // 77/	f_MARCH, 1993	
Nº 7447	D	day o	, 19	
№ 7447	By: Cluor A. K. (Zoning Enforcement C	Officer) (I	Planning Administrator)	
	•			
Town of Mon Building D	•		LDING	
Telephone	452-5470	PE	RMIT	
DATE of ISSUE	<u> 13</u> 19 <u>93</u>	•	N º 3167	
APPLICANT	C. Kar OWN	ER _ Tell 1/7	tantic Mirrie	
	eplace Coll. Jarole			
LOCATION		No SIZE of	i m i f	
USE GROUP ZONI	15 to 15	5122 01	DOILDING 2 : 1) 1)	
			· Andrew	
	· ·	BUILDING OFF		
No building or structure hereafter erect OCCUPANCY shall have been issued b	ted shall be used or occupied in whole or p by the Building Official. Section 119 Bo	part until the CERTIFICATE (OCA Basic National Building	DF USE AND	
II	NSPECTION	APPROVA		
FOOTINGS	PLUMBING	OIL TA		
FOUNDATION	HEATING	ELEC.	SERVICE	
FRAMING	CHIMNEY			
ELEC. WIRING	INSULATION	INSULATION FINAL		

mit must be displayed on work site at all times

Bell Atlantic Metro Mobile 20 Alexander Drive P.O. Box 5029 Wallingford, CT 06492 203 269-8858 David S. Malko, P.E. General Manager - Engineering

April 8, 1993

The Honorable Kenneth S. Heitzke, Selectman Town Hall 7 fan Hill Road Monroe, CT 06468

Dear Selectman Heitzke:

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to replace its equipment shelter at an existing tower facility owned by Housatonic Cable Vision Company in Monroe. 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 April 8, 1993, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72(b).

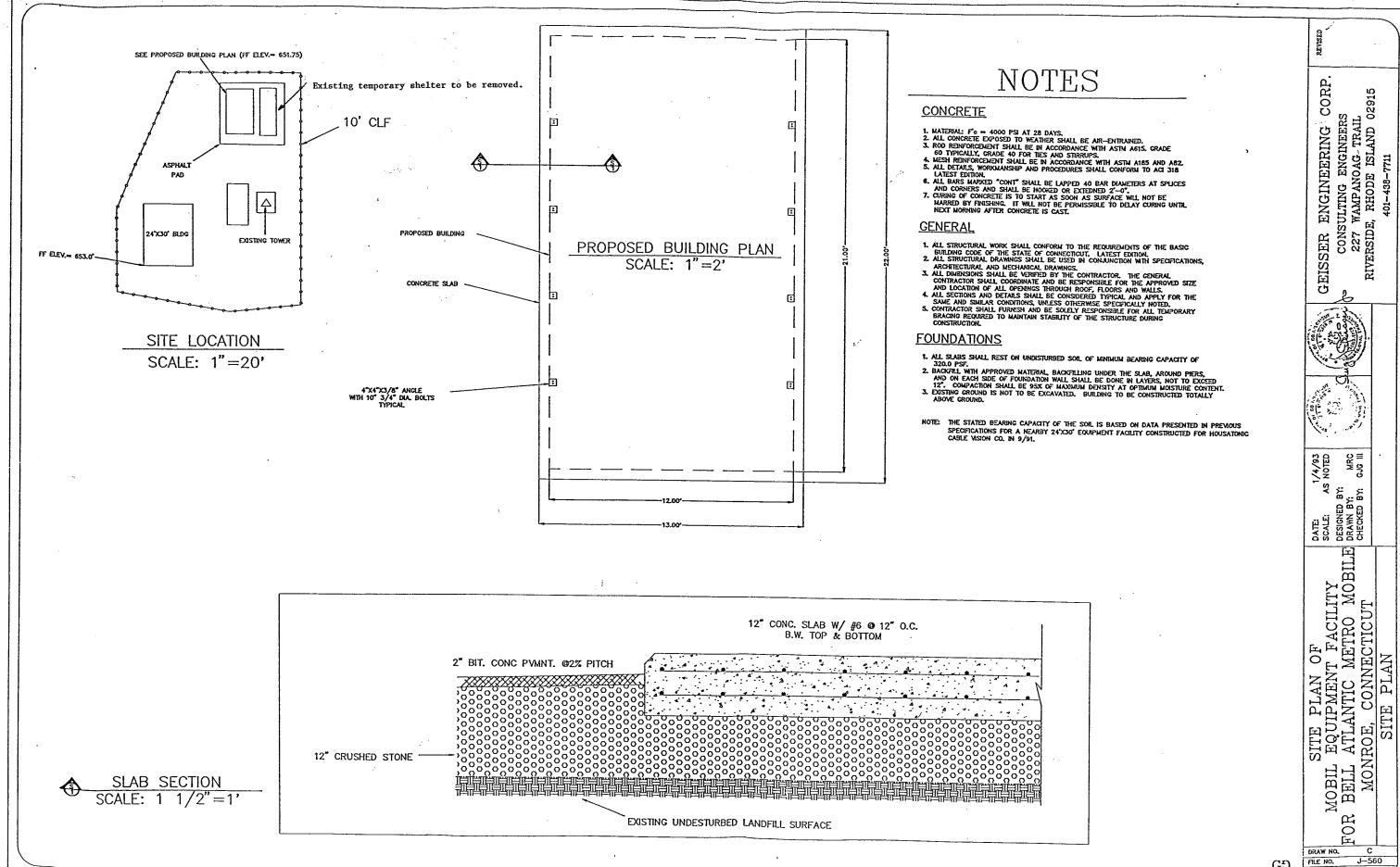
The attached letter fully sets forth the Company's proposal. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please contact the undersigned or Mr. Joel M. Rinebold, Executive Director, Connecticut Siting Council at 827-7682.

Davie S. Malko, P.E.

truly yours

General Manager - Engineering

Attachment



GD FILE NO. J-560 FEISSER DRAWING NO. 1 OF 1