



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

November 10, 1999

Christopher B. Fisher
Cuddy, Feder & Worby
90 Maple Avenue
White Plains, NY 10601-5196

RE: EM-AT&T-158-991101 - AT&T Wireless PCS notice of intent to modify an existing telecommunications facility located at 880 Post Road East in Westport, Connecticut. (Docket No. 123)

Dear Attorney Fisher:

At a public meeting held on November 9, 1999, 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 October 29, 1999. 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 frequencies 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/SLL/sll

cc: Honorable Diane G. Farrell, First Selectman, Town of Westport
Brian Benito, Connecticut State Police
Peter W. van Wilgen, Director - Real Estate Operations, SNET Wireless, Inc.
Sandy M. Carter, Manager - Regulatory, Bell Atlantic Mobile

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC SAFETY

CTS PROJECT

1111 COUNTRY CLUB ROAD

P.O. BOX 2794

MIDDLETOWN, CT 06457-9294

PHONE# (860) 685-8280

FAX# (860) 685-8345

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NOV -8 1999

CONNECTICUT BITING COUNCIL

DATE: 11-8-99

NUMBER OF PAGES AFTER COVER SHEET: 4

TO: Steve Levine

COMPANY: CSC

LOCATION: New Britain

FACSIMILIE MACHINE NUMBER: 827 2944

TELEPHONE NUMBER: 827 2950

FROM: BRIAN Benito

TELEPHONE NUMBER: 685 8280

MESSAGE: Westport Power density report

An Equal Opportunity Employer

ANT

SITE	ANT	USER	USE	FREQ	TX PWR	HGT	TWR AZ	ANT AZ	SZ	MANUF	MODEL	GAIN	CABLE	DESCRIPTION
32							26							
32	1	CSP	LB MAIN	42.04-42.52	330	180		OMNI	10	DECIBEL	PD-128	0	LDF5-50A	FOLDED MONOPOLE
32	2	BAM	CELLULAR	824-869	10	155			4	SINCLAIR	SRL-410C	10	LDF5-50A	PANEL
32	7	BAM	CELLULAR	824-869	10	155			4	SINCLAIR	SRL-410C	10	LDF5-50A	PANEL
32	8	BAM	MW-S.NORW.	21216	1	177B			4	ANDREW	GP6F-21A	27	LDF5-50A	GRID DISH
32	9	CSP	MW-WILTON	9544	1	169C			4	MARK	P-972GR	20	LDF5-50A	GRID DISH
32	10	SNET	CELLULAR	887	11	135			4	SWEDCOM		11	LDF7-50A	PANEL
32	18	SNET	CELLULAR	887	11	135			4	SWEDCOM		11	LDF7-50A	PANEL
32	19	AITT	CELLULAR	1965-1970	4	135			4	ALLGON	7184	14	LDF7-50A	PANEL
32	24	AITT	CELLULAR	1965-1970	4	135			4	ALLGON	7184	14	LDF7-50A	PANEL

RADIO/ANTENNA SYSTEMS DATA

SITE NAME: WESTPORT
TOWER HEIGHT: 180 FEET

PREPARED BY: D.P.S.
ON DATE: 11-08-1999

No	OPERATING FREQUENCY (MHz)	TRANSMIT POWER (WATTS)	ANTENNA				ERP (W)
			HEIGHT (FEET)	TYPE	VERTICAL SIZE (FT)	GAIN (dB)	
1	42.0400	330	180	FOLDED MONOPOLE	10	0.0	330
2	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
3	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
4	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
5	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
6	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
7	875.0000	15 x 2	155	PANEL ANTENNA	4	17.0	1500
8	2121.0000	1	177	SOLID DISH	6	29.6	560
9	958.0000	2	169	GRID DISH	6	22.7	229
10	887.0000	0	135	PANEL ANTENNA	4	11.0	0
11	877.0000	0	135	PANEL ANTENNA	4	11.0	0
12	877.0000	0	135	PANEL ANTENNA	4	11.0	0
13	887.0000	0	135	PANEL ANTENNA	4	11.0	0
14	877.0000	0	135	PANEL ANTENNA	4	11.0	0
15	877.0000	0	135	PANEL ANTENNA	4	11.0	0
16	877.0000	0	135	PANEL ANTENNA	4	11.0	0
17	877.0000	0	135	PANEL ANTENNA	4	11.0	0
18	877.0000	0	135	PANEL ANTENNA	4	11.0	0
19	1967.5000	8 x 4	135	PANEL ANTENNA	4	14.0	804
20	1967.5000	0	135	PANEL ANTENNA	4	14.0	0
21	1967.5000	8 x 4	135	PANEL ANTENNA	4	14.0	804
22	1967.5000	0	135	PANEL ANTENNA	4	14.0	0
23	1967.5000	8 x 4	135	PANEL ANTENNA	4	14.0	804
24	1967.5000	0	135	PANEL ANTENNA	4	14.0	0

- NOTES: 1. TRANSMIT POWER ENTRIES SHOWN AS '5 x 25' SHOULD BE INTERPRETED AS '5 TRANSMITTERS, EACH HAVING A POWER OF 25 WATTS'.
ENTRIES OF '0' MEAN 'RECEIVE ONLY'- i.e. NO TRANSMITTER.
ALL OTHER ENTRIES REFER TO ONE TRANSMITTER WITH THE POWER SHOWN.
2. ERP (EFFECTIVE RADIATED POWER) IS THE PRODUCT OF ALL TRANSMITTER POWERS AND THE NUMERICAL VALUE OF THE GAIN (ANTILOG OF dB) RELATIVE TO A DIPOLE ANTENNA.

POWER DENSITY ANALYSIS

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AT THE TOWER BASE, FOR EACH RADIO/ANTENNA SYSTEM

SITE NAME: WESTPORT
TOWER HEIGHT: 180 FEET

PREPARED BY: D.P.S.
ON DATE: 11-08-1999

No	OPERATING FREQUENCY (MHz)	EIRP (WATTS)	DISTANCE TO BASE OF TOWER (FEET)	MAXIMUM PERMISSIBLE EXPOSURE (MW/SQ-CM)	AT THE BASE OF THE TOWER	
					POWER DENSITY (MW/SQ-CM)	PERCENT OF MAX. EXPOSURE
1	42.0400	541	185	0.200	0.0005417	0.2709
2	875.0000	2461	155	0.583	0.0035079	0.6017
3	875.0000	2461	155	0.583	0.0035079	0.6017
4	875.0000	2461	155	0.583	0.0035079	0.6017
5	875.0000	2461	155	0.583	0.0035079	0.6017
6	875.0000	2461	155	0.583	0.0035079	0.6017
7	875.0000	2461	155	0.583	0.0035079	0.6017
8	2121.0000	919	177	1.000	0.0000035	0.0003
9	958.0000	375	169	0.638	0.0000028	0.0004
10	887.0000	0	135	0.591	0.0000000	0.0000
11	877.0000	0	135	0.584	0.0000000	0.0000
12	877.0000	0	135	0.584	0.0000000	0.0000
13	887.0000	0	135	0.591	0.0000000	0.0000
14	877.0000	0	135	0.584	0.0000000	0.0000
15	877.0000	0	135	0.584	0.0000000	0.0000
16	877.0000	0	135	0.584	0.0000000	0.0000
17	877.0000	0	135	0.584	0.0000000	0.0000
18	877.0000	0	135	0.584	0.0000000	0.0000
19	1967.5000	1319	135	1.000	0.0024780	0.2478
20	1967.5000	0	135	1.000	0.0000000	0.0000
21	1967.5000	1319	135	1.000	0.0024780	0.2478
22	1967.5000	0	135	1.000	0.0000000	0.0000
23	1967.5000	1319	135	1.000	0.0024780	0.2478
24	1967.5000	0	135	1.000	0.0000000	0.0000

TOTAL PERCENT OF MAXIMUM PERMISSIBLE EXPOSURE FOR
UNCONTROLLED ENVIRONMENTS FOR ALL 24 RADIO SYSTEMS = 4.6252

- NOTES: 1. THE POWER DENSITIES REPRESENTING THE 'MAXIMUM PERMISSIBLE EXPOSURE FOR UNCONTROLLED ENVIRONMENTS' ARE CALCULATED IN ACCORDANCE WITH IEEE C95.1-1991 (REVISION OF ANSI C95.1-1982).
2. POWER DENSITIES ARE CALCULATED IN ACCORDANCE WITH THE METHODS DEFINED IN FCC DOCUMENT 'OET BULLETIN NO.65', AUGUST 1997
3. EIRP (EFFECTIVE ISOTROPICALLY RADIATED POWER) REFERENCES THE RADIATED POWER TO A POINT SOURCE, WHICH YIELDS POWERS 1.6406 TIMES HIGHER THAN ERP.

POWER DENSITY ANALYSIS

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POWER DENSITY (% OF MAX. EXPOSURE VS DISTANCE FROM THE TOWER BASE

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-----  
SITE NAME:          WESTPORT          PREPARED BY:  D.P.S.  
TOWER HEIGHT:      180 FEET          ON DATE:     11-08-1999  
-----
```

DISTANCE (FEET)	POWER DENSITY (% OF MAX. EXPOSURE)
-----	-----
0	4.6252
50	4.1769
100	3.5039
150	2.8458
200	2.2610
250	1.7900
300	1.4270
350	1.1512
400	0.9413
450	0.7802
500	0.6550
550	0.5564
600	0.4776
650	0.4140
700	0.3621
750	0.3191
800	0.2832
850	0.2529
900	0.2272
950	0.2052
1000	0.1862
1050	0.1697
1100	0.1553
1150	0.1426
1200	0.1315
1250	0.1215

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(203) 348-4780

4 BERKELEY STREET
NORWALK, CONNECTICUT 06850
(203) 853-8001
TELECOPIER (203) 831-8250

CUDDY & FEDER
1971-1995

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BARRY E. LONG

October 29, 1999

VIA FEDERAL EXPRESS

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

Re: AT&T Wireless PCS, Inc.
Notice of Exempt Modification
State Police Facility, 880 Post Road East, Westport, Connecticut

RECEIVED

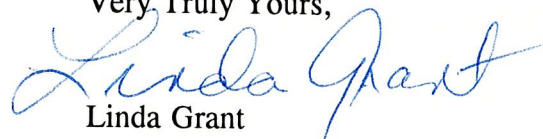
NOV - 1 1999

CONNECTICUT
SITING COUNCIL

Dear Mr. Rinebold:

On behalf of AT&T Wireless PCS, LLC, d/b/a AT&T Wireless Services, Inc., we respectfully enclose an original and twenty copies of its notice of exempt modification with respect to the above mentioned facility owned by the State Police, together with a check for \$500.00, the filing fee. We would appreciate it if this matter were placed on the next available agenda for acknowledgment by the Council. Should the Council or staff have any questions regarding this matter, please do not hesitate to contact us.

Very Truly Yours,


Linda Grant

cc: Christopher B. Fisher, Esq.
Mr. Michael Murphy

CUDDY & FEDER & WORBY LLP

October 29, 1999

Page 2

Hon. Diane G. Farrell, First Selectman
Town of Westport

**NOTICE OF INTENT TO MODIFY A
STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC SAFETY,
DIVISION OF STATE POLICE OWNED AND OPERATED FACILITY AT
880 POST ROAD EAST, WESTPORT, CONNECTICUT**

Pursuant to the Public Utility Environmental Standards Act, Connecticut General Statutes §§ 16-50aa ("PUESA"), and Sections 16-50j-72(b)(2) and 16-50j-73 of the Regulations of Connecticut State Agencies adopted pursuant to the PUESA, AT&T Wireless PCS, Inc. ("AT&T Wireless") hereby notifies the Connecticut Siting Council of its intent to modify an existing facility located at 880 Post Road East, Westport, Connecticut (the "Post Road Facility") which is owned and operated by State of Connecticut, Department of Public Safety, Division of State Police (the "State Police"). This notice is being provided by AT&T Wireless pursuant to a letter of authorization from the State Police, a copy of which is annexed hereto as Exhibit A.

The Post Road Facility

The Post Road Facility consists of an approximately one hundred eighty (180) foot high steel lattice telecommunications tower (the "Tower") and an equipment shelter which are currently being used by Springwich Cellular Limited Partnership ("SNET"), Bell Atlantic Mobile ("BAM") and the State Police for wireless communications. A chain link fence surrounds the Tower and equipment shelter. The current adjacent land uses are unchanged since the tower was constructed. The property is bordered by roadways and undeveloped land owned by the State of Connecticut.

AT&T Wireless' Facility

As shown on the enclosed plans prepared by URS Greiner Woodward Clyde, including a site plan and tower elevation of the Post Road Facility, AT&T Wireless proposes shared use of the Facility by placing antennas on the Tower and the addition of an equipment cabinet mounted on a concrete slab for its equipment needed to provide personal communications services ("PCS") within the existing fenced area. AT&T Wireless will install up to twelve (12) panel antennas at approximately the 155 foot level of the Tower. AT&T has confirmed that the tower is structurally capable of supporting the addition of AT&T Wireless' antennas as set forth in a letter from URS Greiner annexed hereto as Exhibit C.

AT&T Wireless' Facility Constitutes An Exempt Modification

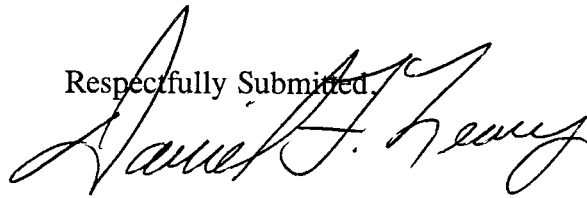
The proposed addition of AT&T Wireless' antennas and equipment to the Post Road Facility does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50i(d). Addition of AT&T Wireless' antennas and equipment to the Tower will not result in an increase of the Tower's height nor extend the site boundaries. Further, there will be no increase in noise levels by six (6)

decibels or more at the Tower site's boundary. As set forth in an Emissions Report prepared by CTS as provided by the State Police annexed hereto as Exhibit D, the total radio frequency electromagnetic radiation power density at the Tower site's boundary will not be increased to or above the standard adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes. For all the foregoing reasons, addition of AT&T Wireless' facility to the Tower constitutes an exempt modification which will not have a substantially adverse environmental effect.

Conclusion

Accordingly, AT&T Wireless requests that the Connecticut Siting Council acknowledge that its proposed modification to the Post Road Facility meets the Council's exemption criteria.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Daniel F. Leary". The signature is written in a cursive style with a large initial "D".

Daniel F. Leary, Esq.
On behalf of AT&T Wireless

LETTER OF AUTHORIZATION

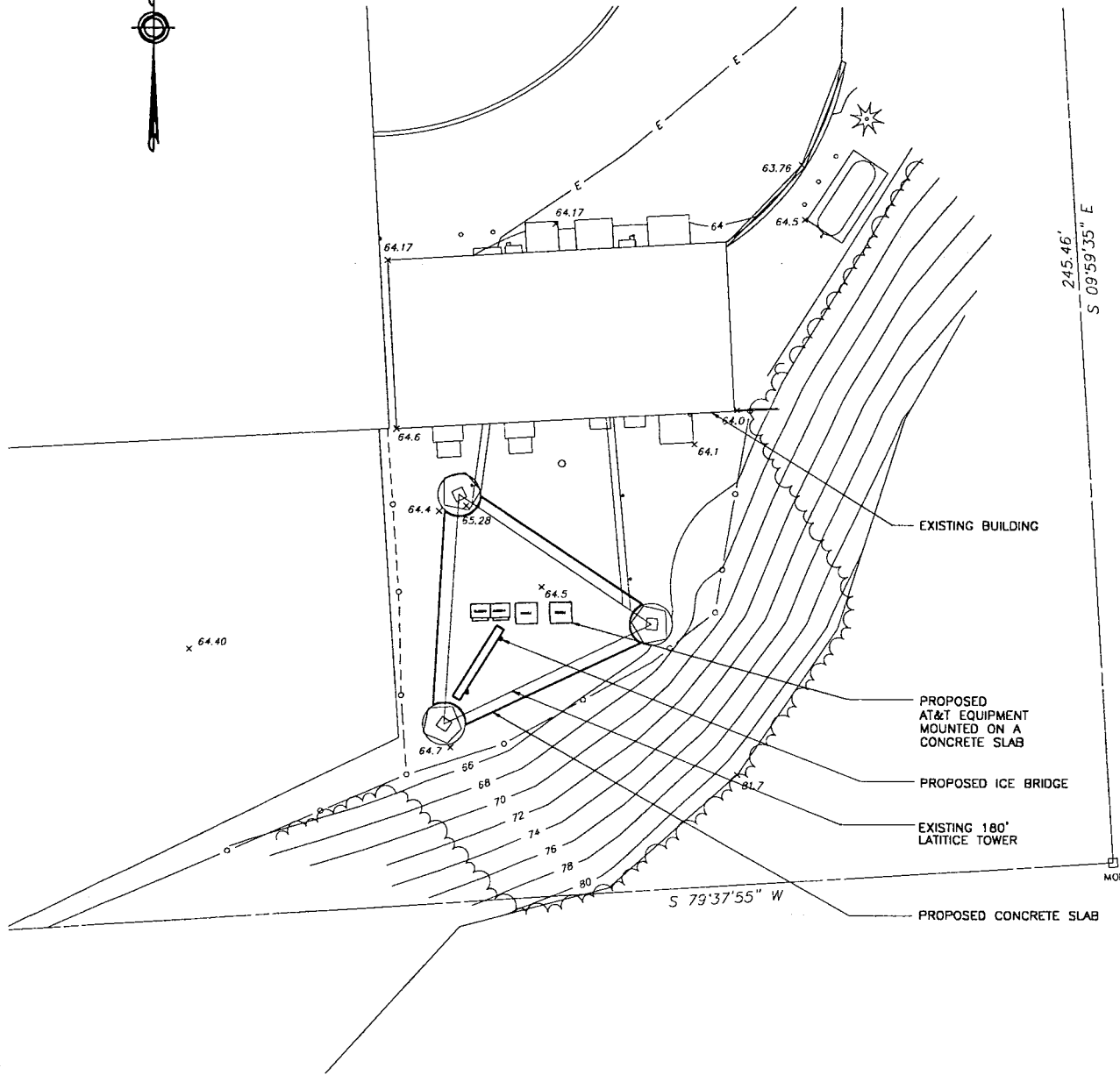
RE: Siting Council Applications

The State of Connecticut, Department of Public Safety, Division of State Police ("Owner"), the Owner(s) of real and/or personal property located at (1) 880 Post Road East, Westport, (2) Buttermut Hollow Road, Greenwich and (3) 46 Fenwood Lane in Wilton (the "Properties"), does hereby appoint AT&T Wireless Services ("AT&T") and its agents and representatives as Owner's Agent for the purpose of completing, executing, and filing any application(s) with the Connecticut Siting Council, and to obtain approvals necessary to permit AT&T's construction and operation of a wireless telecommunications facility on the Properties.

By: Bruce Beards

Title: Planning Specialist CT State Police CTS Unit

Date: 10-22-99



EXISTING BUILDING

PROPOSED AT&T EQUIPMENT MOUNTED ON A CONCRETE SLAB

PROPOSED ICE BRIDGE

EXISTING 180' LATTICE TOWER

PROPOSED CONCRETE SLAB

APPROXIMATE AREA OF LEASED SPACE
420 Sq. Ft.

1 PROPOSED SITE PLAN
L-1 SCALE: 1"=20'

SITE ID NO:
CT 019

Designed by:

Drawn by: JM

Checked by: DJR

**URS Greiner Woodward Clyde
A-E-S**

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

AT&T WIRELESS PCS, INC.
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE

SITE ADDRESS:

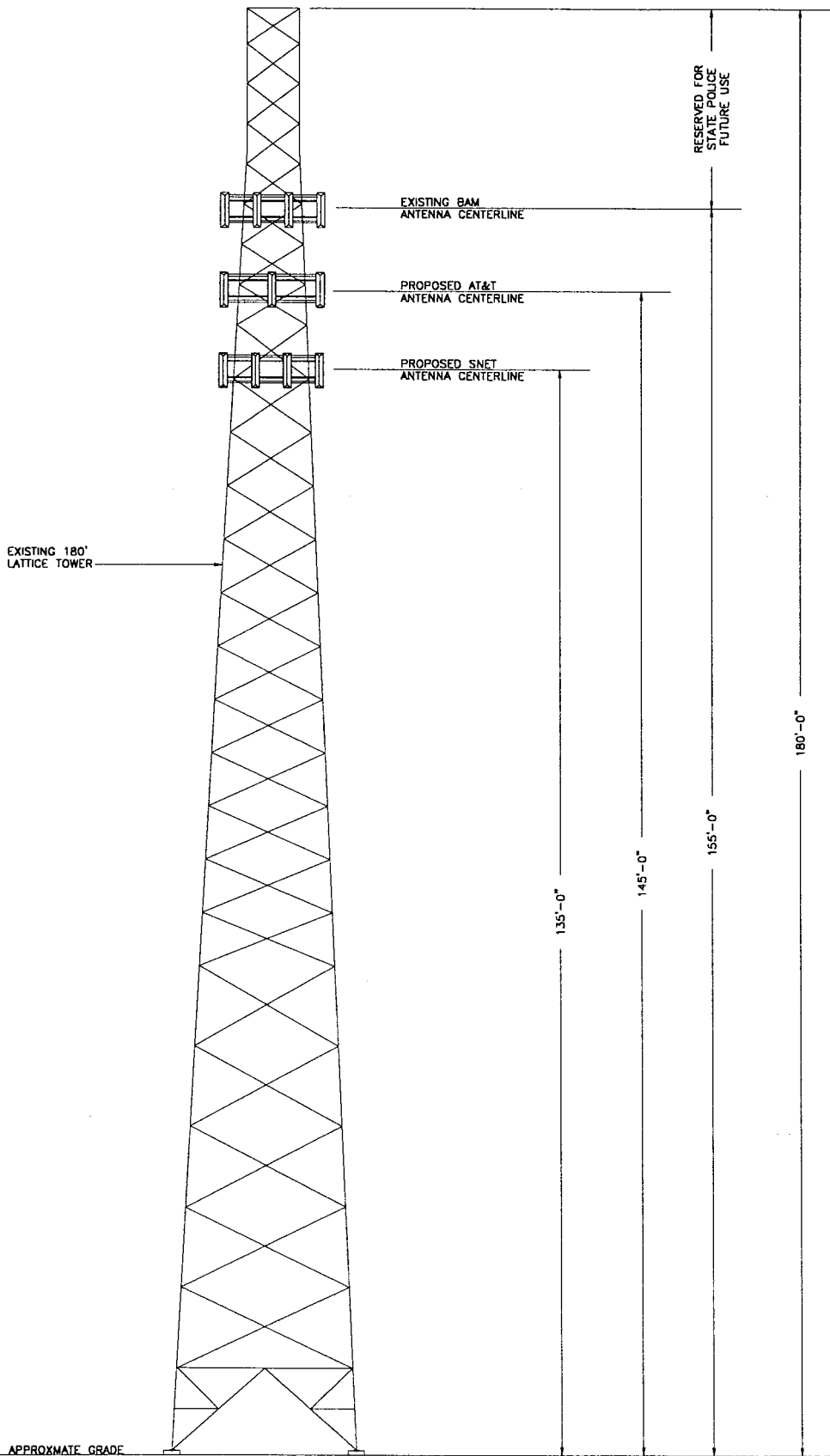
POLICE TOWER
880 POST ROAD EAST
WESTPORT, CONNECTICUT

1	10/6/99	REVISED LOCATION
REV. DATE:		DESCRIPTION
Scale: 1"=20'	Date: 09-24-99	
Job No. F301824.42	File No. L-1	

Dwg. No.

L-1

Dwg. 1 of 2



APPROXIMATE GRADE

1 **TOWER ELEVATION**
L-2 SCALE: NOT TO SCALE

SITE ID NO:
CT 019

Designed by:

Drawn by: WJK

Checked by: DJR

URS Greiner Woodward Clyde
A-E-S
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(866)-529-8882

AT&T WIRELESS PCS, INC.
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE

SITE ADDRESS:
POLICE TOWER
880 POST ROAD EAST
WESTPORT, CONNECTICUT

1	10/8/99	REVISED LOCATION
REV. DATE:		DESCRIPTION
Scale: 1"=20'	Date: 09-24-99	
Job No: F301824.42	File No. L-2	Dwg. No. L-2

Dwg. No.
L-2
Dwg. 2 of 2

URS Greiner Woodward Clyde

A Division of URS Corporation

500 Enterprise Drive, Suite 3B
Rocky Hill, CT 06067
Tel: 860.529.8882
Fax: 860.529.3991
Offices Worldwide

October 27, 1999

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

Reference: Proposed Telecommunications Facility
AT&T Site No. CT-019
SNET Mobile Site
880 Post Road East
Westport, Connecticut
F300001824.42

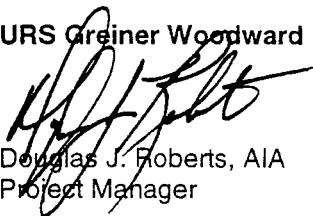
Dear Mr. Gelston:

URS Greiner Woodward Clyde (URSGWC) has prepared a Structural Analysis for the State Police 180ft self supporting tower located at 880 Post Road East in Westport, Connecticut. The Structural Analysis has concluded that the existing self-supporting tower will support the additional loads of the AT&T Wireless PCS antennas and SNET Mobility antennas. This tower analysis was performed to the requirements of EIA/TIA-222-F.

Please call if there are any questions.

Sincerely,

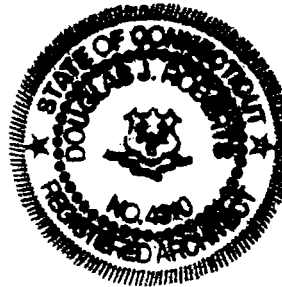
URS Greiner Woodward Clyde A.E.S.



Douglas J. Roberts, AIA
Project Manager

ICA/eh

cc: Mike Murphy, AT&T
Jennifer Young Gaudet, Pinnacle
Christopher Fisher, Cuddy & Feder & Worby
I.Artaiz, AIA – URSGWC
A.Abadjian, URSGWC



ANT

SITE	ANT	USER	USE	FREQ	TX PWR	HGT	TWR AZ	ANT AZ	SZ	MANUF	MODEL	GAIN	CABLE	DESCRIPTION
32	1	CSP	LB AUX	42.04-42.52	330	110C		OMINI	14	CELWAVE	PD-83	0	LDF5-50A	WHIP ON PIPE
32	2	BAM	CELLULAR	824-869	10	155			4	SINCLAIR	SRL-410C	10	LDF5-50A	PANEL
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32	10	SNET	CELLULAR	887	11	135			4	SWEDCOM		11	LDF7-50A	PANEL
32	18	SNET	CELLULAR	887	11	135			4	SWEDCOM		11	LDF7-50A	PANEL
32	19	ATT	CELLULAR	1965-1970	4	135			4	ALLGON	7184	14	LDF7-50A	PANEL
32	24	ATT	CELLULAR	1965-1970	4	135			4	ALLGON	7184	14	LDF7-50A	PANEL

#32

RADIO/ANTENNA SYSTEMS DATA
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/

SITE NAME: WESTPORT PREPARED BY: D.P.S.
TOWER HEIGHT: 180 FEET ON DATE: 09-30-1999

No	OPERATING FREQUENCY (MHz)	TRANSMIT POWER (WATTS)	ANTENNA				ERP (W)
			HEIGHT (FEET)	TYPE	VERTICAL SIZE (FT)	GAIN (dB)	
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21	1967.5000	8 x 4	135	PANEL ANTENNA	4	14.0	804
22	1967.5000	0	135	PANEL ANTENNA	4	14.0	0
23	1967.5000	8 x 4	135	PANEL ANTENNA	4	14.0	804
24	1967.5000	0	135	PANEL ANTENNA	4	14.0	0

NOTES: 1. TRANSMIT POWER ENTRIES SHOWN AS '5 x 25' SHOULD BE INTERPRETED AS '5 TRANSMITTERS, EACH HAVING A POWER OF 25 WATTS'. ENTRIES OF '0' MEAN 'RECEIVE ONLY'- i.e. NO TRANSMITTER. ALL OTHER ENTRIES REFER TO ONE TRANSMITTER WITH THE POWER SHOWN.

2. ERP (EFFECTIVE RADIATED POWER) IS THE PRODUCT OF ALL TRANSMITTER POWERS AND THE NUMERICAL VALUE OF THE GAIN (ANTILOG OF dB) RELATIVE TO A DIPOLE ANTENNA.

#32

2

POWER DENSITY ANALYSIS

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AT THE TOWER BASE, FOR EACH RADIO/ANTENNA SYSTEM

SITE NAME: WESTPORT
TOWER HEIGHT: 180 FEET

PREPARED BY: D.P.S.
ON DATE: 09-30-1999

No	OPERATING FREQUENCY (MHz)	EIRP (WATTS)	DISTANCE TO BASE OF TOWER (FEET)	MAXIMUM PERMISSIBLE EXPOSURE (MW/SQ-CM)	AT THE BASE OF THE TOWER	
					POWER DENSITY (MW/SQ-CM)	PERCENT OF MAX. EXPOSURE
1	42.0400	541	117	0.200	0.0013544	0.6772
2	875.0000	2461	155	0.583	0.0035079	0.6017
3	875.0000	2461	155	0.583	0.0035079	0.6017
4	875.0000	2461	155	0.583	0.0035079	0.6017
5	875.0000	2461	155	0.583	0.0035079	0.6017
6	875.0000	2461	155	0.583	0.0035079	0.6017
7	875.0000	2461	155	0.583	0.0035079	0.6017
8	6175.0000	7791	177	1.000	0.0000035	0.0004
9	958.0000	375	169	0.638	0.0000028	0.0004
10	887.0000	0	135	0.591	0.0000000	0.0000
11	877.0000	0	135	0.584	0.0000000	0.0000
12	877.0000	0	135	0.584	0.0000000	0.0000
13	887.0000	0	135	0.591	0.0000000	0.0000
14	877.0000	0	135	0.584	0.0000000	0.0000
15	877.0000	0	135	0.584	0.0000000	0.0000
16	877.0000	0	135	0.584	0.0000000	0.0000
17	877.0000	0	135	0.584	0.0000000	0.0000
18	877.0000	0	135	0.584	0.0000000	0.0000
19	1967.5000	1319	135	1.000	0.0024780	0.2478
20	1967.5000	0	135	1.000	0.0000000	0.0000
21	1967.5000	1319	135	1.000	0.0024780	0.2478
22	1967.5000	0	135	1.000	0.0000000	0.0000
23	1967.5000	1319	135	1.000	0.0024780	0.2478
24	1967.5000	0	135	1.000	0.0000000	0.0000

TOTAL PERCENT OF MAXIMUM PERMISSIBLE EXPOSURE FOR
UNCONTROLLED ENVIRONMENTS FOR ALL 24 RADIO SYSTEMS = 5.0316

- NOTES:
1. THE POWER DENSITIES REPRESENTING THE 'MAXIMUM PERMISSIBLE EXPOSURE FOR UNCONTROLLED ENVIRONMENTS' ARE CALCULATED IN ACCORDANCE WITH IEEE C95.1-1991 (REVISION OF ANSI C95.1-1982).
 2. POWER DENSITIES ARE CALCULATED IN ACCORDANCE WITH THE METHODS DEFINED IN FCC DOCUMENT 'OET BULLETIN NO.65', AUGUST 1997
 3. EIRP (EFFECTIVE ISOTROPICALLY RADIATED POWER) REFERENCES THE RADIATED POWER TO A POINT SOURCE, WHICH YIELDS POWERS 1.6406 TIMES HIGHER THAN ERP.

#32

3

POWER DENSITY ANALYSIS

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POWER DENSITY (% OF MAX. EXPOSURE VS DISTANCE FROM THE TOWER BASE

SITE NAME:	WESTPORT	PREPARED BY:	D.P.S.
TOWER HEIGHT:	180 FEET	ON DATE:	09-30-1999

DISTANCE (FEET)	POWER DENSITY (% OF MAX. EXPOSURE)

0	5.0316
50	4.8090
100	4.6823
150	3.7908
200	2.8750
250	2.1694
300	1.6630
350	1.3017
400	1.0403
450	0.8473
500	0.7018
550	0.5899
600	0.5022
650	0.4324
700	0.3760
750	0.3299
800	0.2916
850	0.2596
900	0.2326
950	0.2095
1000	0.1897
1050	0.1726
1100	0.1577
1150	0.1446
1200	0.1331
1250	0.1229

