

FAX

TO: DAVID MARTIN

FAX #: 860-827-2950

FROM: David Malko

FAX #: 802-875-4515

DATE: 6/6/06

PHONE#: 802-875-4514

SUBJ: Power Density Detail

Number of Pages:  
(inc. cover page)

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Attached is the PD detail for  
my 5/31/06 filing.

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SITING COUNCIL

Call with any questions,  
Dave

Cingular Site#	Site	Carrier	#Channels	ERP/Ch	Ant Ht	Density (m)	MHz	S	%MPE	Cing Total
2129	Greenwich - Butternut Hollow Road	SNET/Cingular	6	100	150	0.0096	850	0.5667	1.68%	
2129		CINGULAR GSM	3	296	148	0.0146	880	0.5867	2.48%	
2129		CINGULAR GSM	1	427	148	0.0070	1930	1.0000	0.70%	4.88%

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ORIGINAL

May 31, 2006

EM-CING-057-060531

RECEIVED  
MAY 31 2006

CONNECTICUT  
SITING COUNCIL

Mr. S. Derek Phelps  
Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **Notice of Exempt Modification to a Facility in the  
Town of Greenwich, Connecticut**

Dear Mr. Phelps:

As part of its merger and integration efforts, New Cingular Wireless PCS, LLC (“Cingular” or “the Company”) intends to modify instrumentation and/or antenna configurations at an existing facility located in the Town of Greenwich, Connecticut. Please accept this letter and attachments as notification, pursuant to R.C.S.A. § 16-50j-73, of construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell is located.

**General**

The current project involves changes at most of Cingular’s cell sites in Fairfield County including over 40 sites under Council jurisdiction. The modifications will allow Cingular to operate its wireless communications services in the 1900 MHz frequency band in addition to its 850 MHz operations. At a typical site, this will be accomplished through the removal of nine (9) existing 850 MHz only antennas and their replacement with six (6) 850/1900 MHz dual-band antennas. Since each of the new, dual-band antennas is fed by two transmission lines, the typical number of such transmission lines at each site will increase from nine to a total of 12. In addition, tower mounted amplifiers, diplexers and small miscellaneous electronics will also be installed on the antenna platforms. The new antennas, transmission lines and tower mounted equipment have been properly reflected in the structural analyses performed for the towers and attached to this filing. A more detailed analysis of the site follows.

### **Site 1**

**Site 1** is located at 1 Butternut Hollow Road, Greenwich, CT and is owned by the Connecticut State Police (Cingular Site #2129). On the property is a 180-foot lattice tower, an equipment shelter and pad mounted equipment cabinets. In addition to Cingular, the tower currently supports the antennas of wireless carriers AT&T Wireless, T-Mobile, Verizon, Nextel and Sprint. Non-carriers at the site include the State Police, NU, DOT and the Town of Greenwich.

Cingular proposes to remove their nine (9) existing single-band antennas and install six (6) Powerwave Model 7770.00 dual-band directional antennas. The new antennas are 55" in height and will be mounted on the same platform as the existing antennas with a center of radiation of 148' above ground level (AGL). Six (6) tower mounted amplifiers and six (6) diplexers along with miscellaneous electronics to provide remote downtilting capabilities will also be installed on the existing antenna platform. Technical specification sheets for the antennas, amplifiers and diplexers are included in the General Information section of the attachments to this notice. Additional radio equipment will be located within the Company's existing 10' x 18' portion of the equipment shelter. Since each new antenna requires two feeds from the radio equipment, new transmission lines will be added to the tower bringing the total number of lines to 12. A structural analysis has been performed for the tower taking into account the new antennas, transmission lines and other equipment and is included in the site specific section of the attachments. Site plans, elevations and photographs of the site are also included.

Based on the most recent filing for this site, the "worst-case" predicted RF power density for a point at the base of the tower, *excluding the operations of Cingular and AT&T Wireless*, is calculated to be approximately 38.12% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site. A similar "worst-case" calculation for a point at the base of the tower indicates that when fully implemented, New Cingular's dual-band operations would contribute approximately 4.87% of the standard. The calculated "worst-case" power density for the combined operations at the site would therefore be approximately 42.99% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

### **Summary**

The proposed changes to the facility do not constitute a modification as defined in Connecticut General Statutes ("C.G.S.") § 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned modification to the facility falls squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not increase the height of the tower. The number of antennas will be reduced and will result in a reduction in the structure's profile. The enclosed tower drawings confirm that the planned modification will not increase the height or the profile of the structure. Based on the attached structural analysis, the tower is capable of supporting the reconfigured loads discussed herein.

2. The installation of the proposed equipment, as reflected on the attached site plans, will not require an extension of the site boundary.
3. The proposed modifications to the facility will not increase the noise levels at the existing facility by six decibels or more.
4. As discussed above, the operation of the reconfigured site will not increase the total radio frequency (RF) power density to a level at or above the applicable standard.

For the foregoing reasons, New Cingular Wireless PCS, LLC respectfully submits that the proposed addition of antennas and equipment at the subject facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

A handwritten signature in black ink, appearing to read "David S. Malko". The signature is fluid and cursive, with a large initial "D" and "M".

David S. Malko, P.E.  
Consultant for New Cingular Wireless

Enclosures

cc: Honorable Jim Lash, First Selectman, Greenwich

## General Information Attachments

1. Antenna Specifications
2. Tower Mounted Amplifier Specifications
3. Diplexer Specifications

# Dual Broadband Antenna

90° 1.4 m MET Antenna

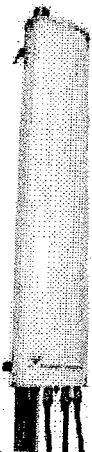
Part Number:  
7770.00

Horizontal Beamwidth: 90°  
Gain: 13.5/16 dBi

Electrical Downtilt: Adjustable  
Connector Type: 7/16 female

806-960/1710-2170 MHz

The Powerwave dual band dual polarized broadband antenna has individual adjustable electrical downtilt per band (upgradeable to Remote Electrical Tilt (RET)). Four connector ports allow separate tilts on each frequency band and ensure the use of diversity concepts. The phase shifter technology, based on a patented sliding dielectric, minimizes intermodulation distortion and maximizes efficiency. The slant +/- 45° dual polarization system provides the independent fading signals needed for achieving top-quality coverage via diversity concepts. The Powerwave Broadband antenna design is based on a patented stacked aperture-coupled patch technology, which provides high isolation performance and a wide VSWR bandwidth. The antennas have superior radiation patterns due to a unique reflector design which provides a very small variation of the -3dB horizontal beam width over the frequency band as well as a high front-to-back ratio.



## Key Benefits

- Excellent broad- and multi-band capabilities
- Polarization purity makes good diversity gain
- Excellent pattern performance and high gain over frequency
- High passive intermodulation performance
- Light, slim and robust design

# Preliminary

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# Dual Broadband Antenna

806-960/1710-2170 MHz

## Electrical Specifications (Preliminary)

	806-960	1710-2170
Frequency band (MHz)	806-960	1710-2170
Gain, ±0.5dB (dBi)	13.5	16.0
Polarization	Dual linear ±45°	
Nominal Impedance (Ohm)	50	
VSWR	1.5:1	1.5:1
Isolation between inputs (dB)	30	30
Inter band isolation (dB)	40	
Horizontal -3 dB beamwidth	85 ± 5°	85 ± 5°
Tracking, Horizontal plane, ±60° (dB)	<2.0	
Tracking, Horizontal plane, ±60° (dB)	<2.0	
Electrical downtilt range (adjustable)	0° to 10°	0° to 8°
Vertical -3 dB beamwidth	14.3 ± 2.0°	6.6 ± 1°
Sidelobe suppression, Vertical 1 st upper (dB)	>17, 16, 15	> 17, 16, 15
Vertical beam squint	x=0, 5, 10° MET	x=0, 4, 8° MET
First null-fill (dB)	<0.8°	<0.5°
Front-to-back ratio (dB)	<-25	<-25
Front-to-back ratio, total power (dB)	>25	>27
IM3, 2Tx@43dBm (dBc)	>20	>23
IM3, 2Tx@43dBm (dBc)	<-153	<-153
IM7, 2Tx@43dBm (dBc)	<-153	<-153
Power Handling, Average per input (W)	400	<160
Power Handling, Average total (W)	800	250
		500

All specifications are subject to change without notice.  
Contact your Powerwave representative for complete performance data.

## Mechanical Specifications

Connector Type	4 x 7/16 DIN female
Connector Position	Bottom
Dimensions, HxWxD	1408mm x 280mm x 125mm (55"x11"x5")
Weight Including Brackets	15.8 kg (35 lbs)
Wind Load, Frontal, 42m/s Cd=1	435N (98 lbf)
Survival Wind Speed (m/s)	70 (156mph)
Lightning Protection	DC grounded
Radome Material	GRP
Radome Color	Light Gray
Mounting	Pre-mounted Standard Brackets
Packing Size	1550mm x 355mm x 255mm (61"x14"x10")

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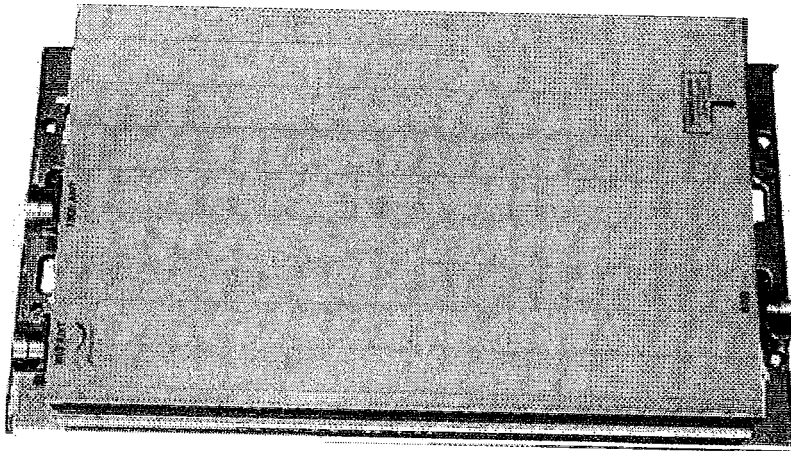
# Tower Mounted Amplifier

LGP21401 TMA-DD-1900 FB with 850 Bypass Tower Mounted Amplifier

800/1900 MHz

Frequency: 1850-1990 MHz Band | IMD Specification: <-118dBm  
Gain: 12 dBd | Return Loss: 18 dB or better

Powerwave's 21401 Series of tower mounted amplifiers are designed for full band coverage of the PCS-1900 band with an 800 MHz cellular band bypass. It has dual duplex capability so you can use one line for RX/TX and transmit through the TMA while amplifying RX on the same line. Deployed in a network it will increase capacity and coverage as well as extend the battery life time for the handsets. The 800 MHz cellular band passes through the TMA without amplification.



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# LGP21401 - Tower Mount Amplifier

800/1900 MHz

Gain	12 dB
Uplink frequency	1850-1910 MHz
Downlink frequency	1930 – 1990 MHz
Return loss	18 dB or better
Noise figure	1.5 dB typical
Intermodulation@2x43dBm carriers	<-118 dBm in receive band
Output 3 <sup>rd</sup> order Intercept Point (OIP3)	>+22 dBm
Rejection 1912 MHz (RX in Filter)	10 dB
Rejection in TX band	80 dB
Alarm functionality	Two levels, individually supervised LNA branches
Power consumption	1.5 W per LNA @12 VDC
Supply voltage	9 - 15 V

## Mechanical Specifications

RF connectors	7/16 DIN female(s)
Dimensions	14"x7"x2.7" (365x176x68mm)
Weight	17.5 lbs (<8kg)
Mounting kit	Mounting kit is included for pole and wall. Other types may be available on request.

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Powerwave Technologies, Inc. is an ISO9001 and TL9000 certified company, is a leading supplier of high performance RF Infrastructure products for use in wireless communications networks. Powerwave products are utilized in both cellular and PCS base stations in both digital and analog networks. ©Copyright February 2003, Powerwave Technologies, Inc. All Rights reserved. Powerwave, Powerwave Technologies are and the Powerwave logo are registered trademarks of Powerwave Technologies, Inc.

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# 824-896/1850-1990 MHz Diplexer

Diplexer for 824-896/1850-1990MHz with Configurable DC Transparency

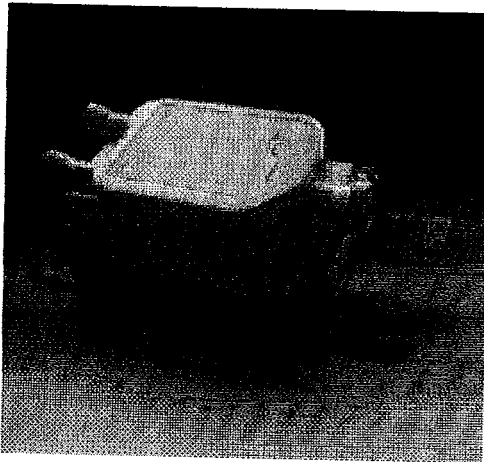
Part Number:  
LGP13519

Frequency Range: 824-894/1850-  
1990 MHz

Return Loss: >20 dB  
Insertion Loss: 0.2 dB / 0.3 dB

824-894/1850-1990

The Powerwave® Diplexer filter DCT is available both as single and double unit. Each diplexer has one port for 824-894 systems, one port for 1850-1990 GSM systems and a common port. It is designed for outdoor use and intended for co-location of base stations to enable sharing of feeder, TMA system and antenna. The unit can be used both at the BTS and for combining frequency bands to a common port and at the antenna end for splitting the frequency bands to separate antennas.



824-894/1850-1990 MHz Diplexer

#### Key Benefits:

- Compact Design
- Inbuilt DC Transparency and Subcarrier Support
- Excellent Power Handling
- Negligible Transmit Band Loss
- Lightning Protected on All Ports

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# 824-894/1850-1990 Diplexer

824-894/1850-1990

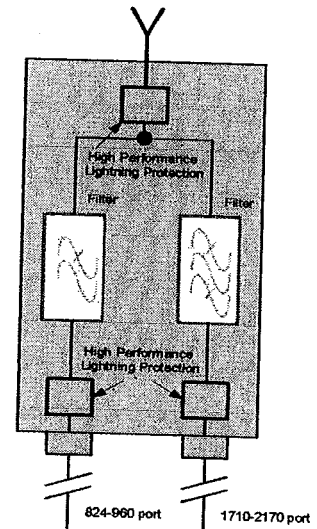
## Electrical Specifications

800-900 Port	Frequency Range, Full Band (MHz)	824-894 MHz
	Insertion Loss (dB)	<0.2 dB
	Return Loss (dB)	>20 dB
	Rejection 1850-1990 MHz	>55 dB
	Rejection 2110-2170 MHz	>55 dB
	Average Power Handling	>500 W
	Peak Power	10 kW
	IM, 2Tx@43dBm (dBc)	<-153
1900 Port	Frequency Range, Full Band (MHz)	1850-1990 MHz
	Insertion Loss (dB)	<0.3 dB
	Return Loss (dB)	>20 dB
	Rejection 824-896 MHz	>54 dB
	Rejection 896-960 MHz	>54 dB
	Average Power Handling	>250 W
	Peak Power	5 kW
	IM, 2Tx@43dBm (dBc)	<-153

All specifications are subject to change without notice. Contact your Powerwave representative for complete performance data.

## Mechanical Specifications

Size, WxHxD (without mounting plate)	4.4" x 6.3" x 3" (112x158x74mm)
Weight	2.4 kg (5.3 lbs)
Color	Off White (NCS 1502-R)
Housing	Aluminum, IP 65
RF-connectors	DIN 7/16 female
Mounting Kit	Hose Clamps in Stainless Steel
Temperature Range	-40 °C to +65 °C
MTBF	30 Million Hours
Safety	EN 60 950, UL 69 950, ETL
Ingress Protection IP 65	EN 60 529
Environmental	ETS 300 019



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## Site Specific Attachments

### Site 1

1. Site Plans
2. Tower Structural Analysis
3. Site Photographs



**SITE NUMBER: 2129**  
**SITE NAME: GREENWICH - EAST**

**APPROVALS**

NAME (PRINT)	SIGNATURE	DATE
CINGULAR	_____	_____
NAME (PRINT)	SIGNATURE	DATE
SN	_____	_____
NAME (PRINT)	SIGNATURE	DATE
STING COUNCIL COMMITTEE	_____	_____
NAME (PRINT)	SIGNATURE	DATE
OTHER	_____	_____

**DRAWING INDEX**

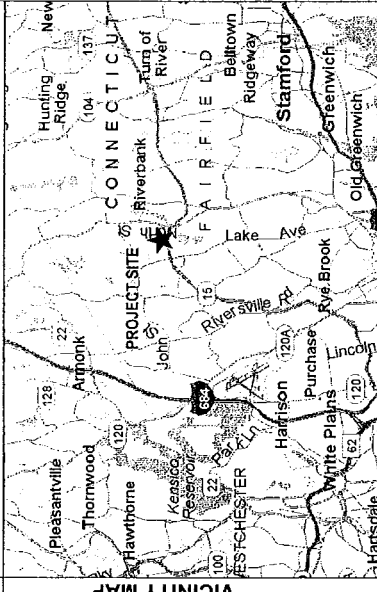
REV	DESCRIPTION
0	TITLE SHEET
0	EQUIPMENT PLAN
0	SITE ELEVATION & ANTENNA PLAN
0	ANTENNA PLUMBING DIAGRAM-ALPHA-BETA-GAMMA
0	RF DATA INFORMATION

**MAPS & DIRECTIONS**

FROM I-95 WEST TAKE EXIT 3 AND TURN RIGHT ONTO ARCH ST. BEAR RIGHT ONTO SOUND VIEW DR AND TURN RIGHT ONTO FIELD POINT RD. TURN LEFT ONTO US-1 (PUTNAM AVE). TURN RIGHT ONTO DEARFIELD DR (DEARFIELD RD). BEAR RIGHT ONTO DEARFIELD RD.

**VICINITY MAP**



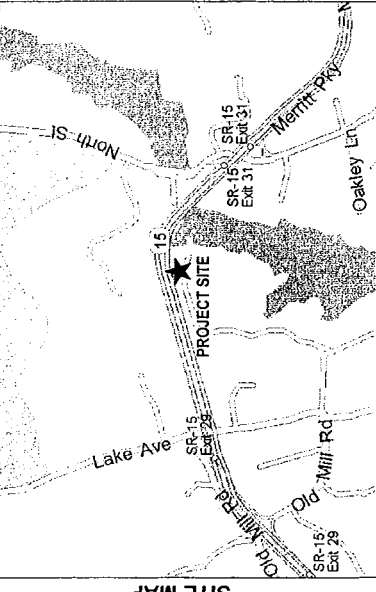
  

**BLDG. CODES AND STANDARDS**

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AAU) FOR THE LOCATION. THE EDITION OF THE AAU ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

INTERNATIONAL BUILDING CODE (IBC), 2003  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2002 NATIONAL ELECTRICAL CODE  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 78 - 2006 LIGHTNING PROTECTION CODE

**SITE MAP**



**PROJECT INFORMATION**

UNMANNED TELECOMMUNICATIONS FACILITY MODIFICATIONS

SCOPE OF WORK: 2129 GREENWICH - EAST  
SITE NAME: 1 BUTTERNUT HOLLOW RD  
ADDRESS: GREENWICH, CT  
CITY, STATE, ZIP: GREENWICH, CT  
LATITUDE: 41.098664°  
LONGITUDE: -73.639283°  
FAIRFIELD COUNTY  
CURRENT USE: TELECOMMUNICATIONS FACILITY  
PROPOSED USE: TELECOMMUNICATIONS FACILITY  
SITE TYPE: SELF SUPPORT  
OWNER: STATE POLICE




**BLDG. CODES AND STANDARDS**

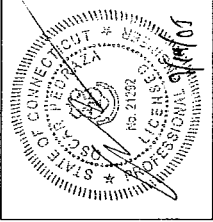
SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

FOR STRUCTURAL CONSTRUCTION: AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION  
TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-F, STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES  
TIA 407 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

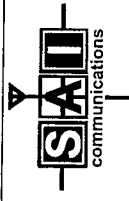
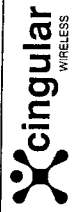
INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR SAFETY IN THE DESIGN, INSTALLATION, MAINTENANCE, TESTING, AND REPAIR OF HIGH VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY C3 AND HIGH SYSTEM DISCHARGE)  
IEEE 1000 (1998) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT  
IEEE C92.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY C3 AND HIGH SYSTEM DISCHARGE)  
TELECOM 68-1275, GENERAL INSTALLATION REQUIREMENTS  
TELECOM 68-1503, COAXIAL CABLE CONNECTIONS  
ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL METHODS OF CONSTRUCTION OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

			<p>SITE NUMBER: 2129 SITE NAME: GREENWICH - EAST SITE ADDRESS: 1 BUTTERNUT HOLLOW RD GREENWICH, CT</p>																								
<p>IT IS A VIOLATION OF THE PROPRIETARY RIGHTS OF SIAI COMMUNICATIONS TO REPRODUCE OR TRANSMIT THIS DOCUMENT UNLESS THEY ARE INSTRICTLY ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER.</p>																											
DATE: _____	DATE: _____	PROJECT NO: 0004173-000110																									
<p>SUBMITTALS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>NO.</th><th>DESCRIPTION</th><th>BY DATE</th></tr> <tr><td>0</td><td>STING COMMITTEE CSR</td><td>ON 09/19/02</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>				NO.	DESCRIPTION	BY DATE	0	STING COMMITTEE CSR	ON 09/19/02																		
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<p>SHEET TITLE <b>TITLE SHEET</b></p>
<p>SHEET NUMBER <b>T1</b></p>

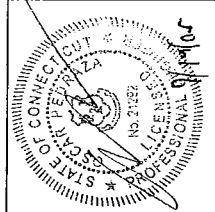


SITE NUMBER:  
2129  
SITE NAME:  
GREENWICH - EAST  
SITE ADDRESS:  
1 BUTTERNUT HOLLOW RD  
GREENWICH, CT

IT IS A VIOLATION OF THE PROFESSIONAL BOARD'S  
OF THE WIRELESS CARRIER TO ALTER THIS  
DRAWING WITHOUT THE WRITTEN PERMISSION  
ACTING UNDER THE DIRECTION OF A LICENSED  
PROFESSIONAL ENGINEER.

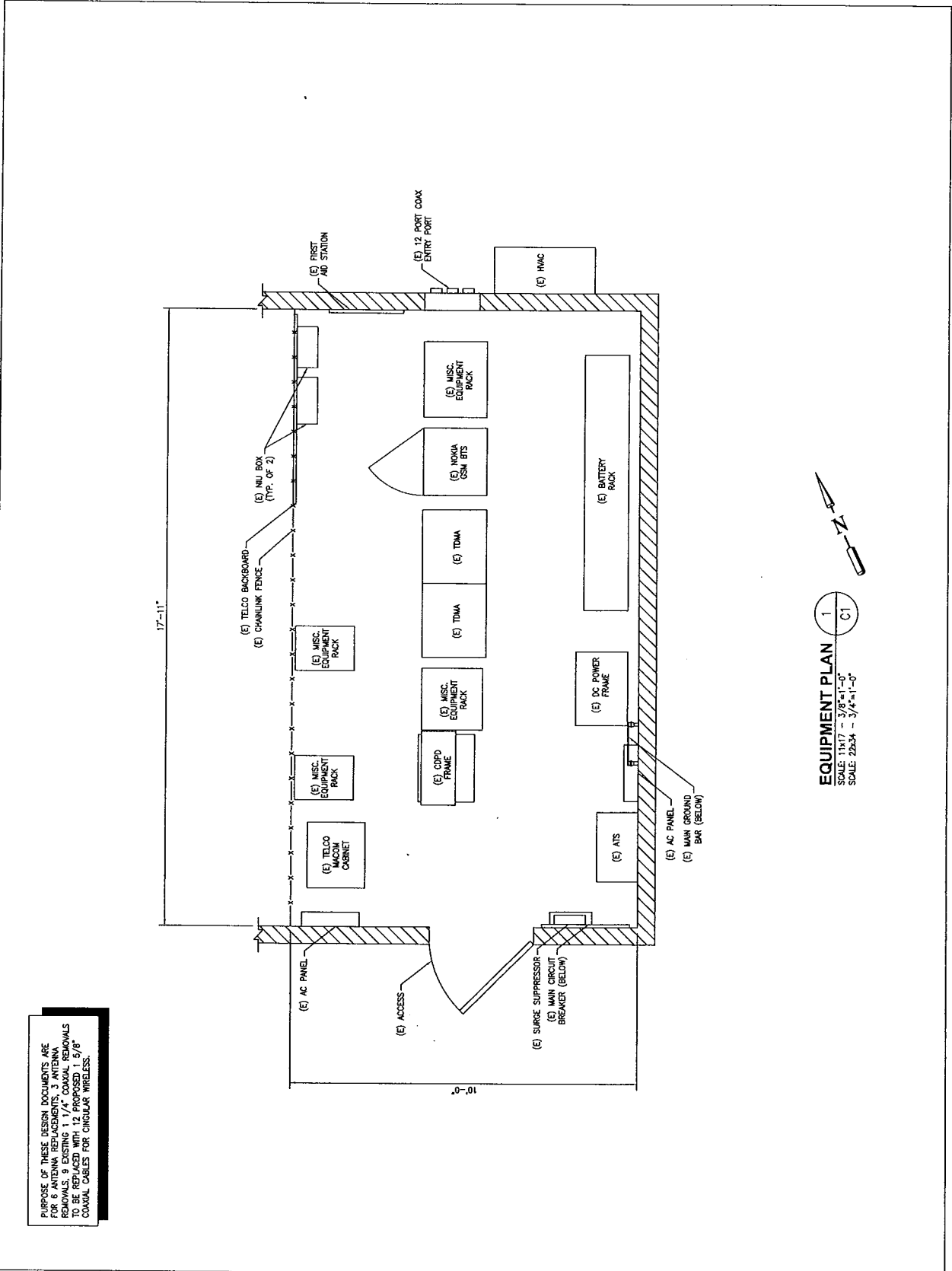
DRAWN BY: DH  
CHECKED BY: OP  
PROJECT NO: 0004172-B00140

SUBMITTALS	
NO	DESCRIPTION
0	ISSUE COMMITTEE CDS
01	01/16/00



SHEET TITLE  
**EQUIPMENT PLAN**

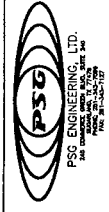
SHEET NUMBER  
**C1**



PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR 6 ANTENNA REPLACEMENTS, 3 ANTENNA REMOVALS, 9 EXISTING 1 1/4" COAXIAL REMOVALS TO BE REPLACED WITH 12 PROPOSED 1 5/8" COAXIAL CABLES FOR CINGULAR WIRELESS.



**EQUIPMENT PLAN**  
1  
C1  
SCALE: 1/4" = 1'-0"  
SCALE: 3/8" = 1'-0"  
SCALE: 2/8" = 1'-0"



SITE NUMBER:  
2129

SITE NAME:  
GREENWICH - EAST

SITE ADDRESS:  
1 BUTTERNUT HOLLOW RD  
GREENWICH, CT

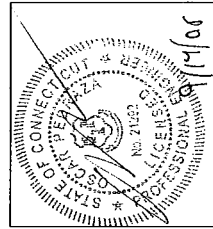
IT IS A VIOLATION OF THE PROPRIETARY RIGHTS OF THE REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT TO REPRODUCE OR TRANSMIT IN ANY MANNER OR BY ANY MEANS, IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE REGISTERED PROFESSIONAL ENGINEER.

DRAWN BY: DH

CHECKED BY: DP

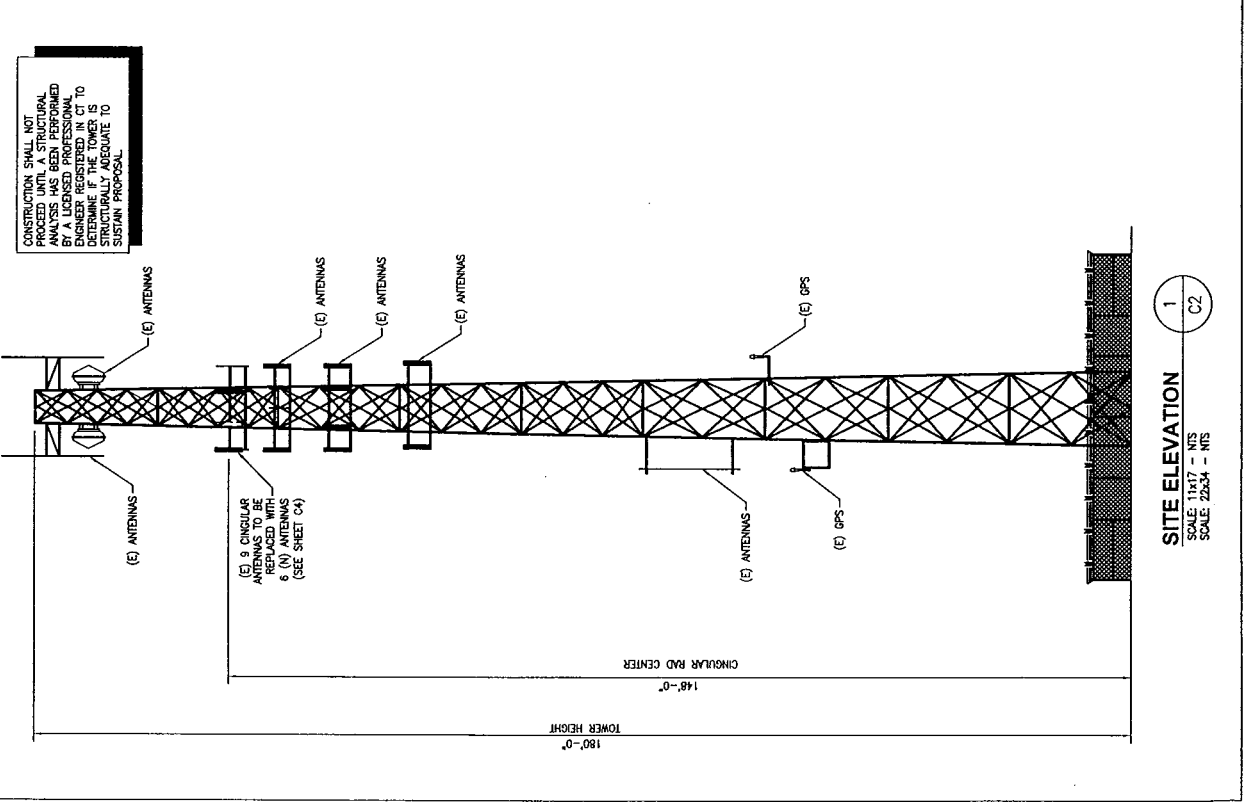
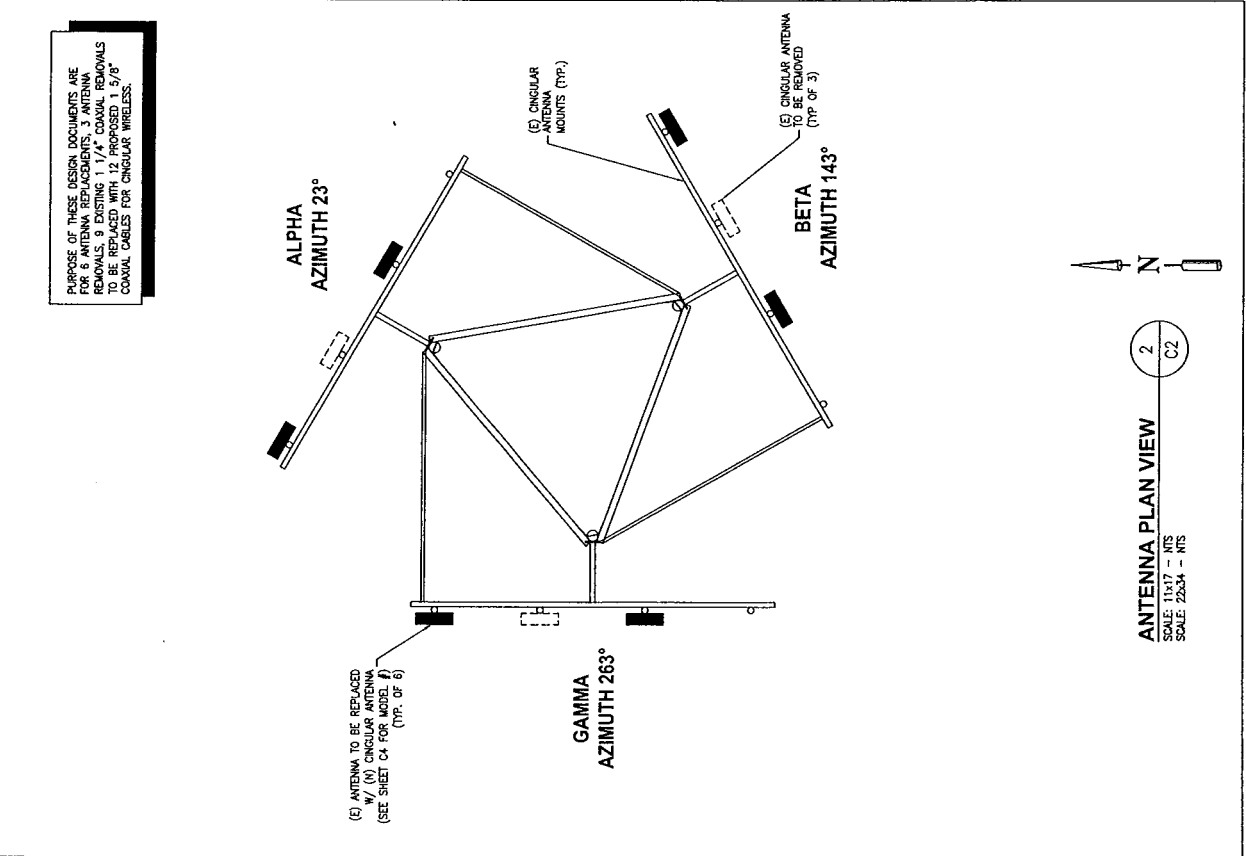
PROJECT NO: 00001172-B001140

SUBMITTALS	
NO	DESCRIPTION
1	BY DATE
2	BY DATE
3	BY DATE
4	BY DATE
5	BY DATE
6	BY DATE
7	BY DATE
8	BY DATE
9	BY DATE
10	BY DATE



SHEET TITLE  
**SITE ELEVATION & ANT PLAN**

SHEET NUMBER  
**C2**







March 6, 2006

Mr. David Osuch  
Cingular Wireless  
500 Enterprise Drive, 3<sup>rd</sup> Floor  
Rocky Hill, Connecticut 06067

**Reference:** Proposed Upgrade  
Cingular Wireless Site No: 2129  
Site Name: Greenwich - East  
1 Butternut Hollow Road, Greenwich, CT  
URS Project Number: SAI-003 / 36915463

Dear Mr. Osuch:

URS Corporation (URS) has been retained by Site Acquisitions, Inc. to assess the structural capability of this existing Cingular Wireless site with regard to its ability to support a change of antennas.

URS completed a field visit on December 8, 2005 in order to assess the site and gather information on the existing conditions. The existing antennas are located at an antennas centerline of 151' AGL on (3) boom gates on the legs of a 180' self-supporting lattice tower. The tower has the capacity to support the removal of (3) APL868013 antennas and (3) 1 1/4" coaxial cables per sector and the installation of (2) Powerwave 7770.00 antennas, (2) Powerwave LGP21401 TMA's, (2) Powerwave LGP 13519 diplexers, and (4) new 1 5/8" coaxial cables per sector. This site has three sectors of antennas with three antennas per sector.

This determination is based on requirements of the 2005 Connecticut State Building Code, Connecticut State Police Requirements, and the TIA/EIA-222-F. This determination is also based upon the original site having been designed, fabricated and installed in compliance with construction documents and State Building Codes.

**Limitations/Assumptions:**

This determination is based on the following:

1. Tower inventory as listed in Tower Inventory Report prepared by CSB Communications, dated December 8, 2005 report.
2. Tower is properly installed and maintained.
3. All members are as specified in the original design documents and are in good condition.
4. All required members are in place.
5. All bolts are in place and are properly tightened.
6. Tower is in plumb condition.
7. All member protective coatings are in good condition.
8. All tower members were properly designed, detailed, fabricated, and installed and have been properly maintained since erection.
9. Foundations were properly constructed to support original design loads as specified in the original design documents.

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

URS is not responsible for any modifications completed prior to or hereafter in which URS is not or was not directly involved. Modifications include but are not limited to:


- A. Adding antennas
- B. Removing/replacing antennas
- C. Adding coaxial cables

URS hereby states that this document represents the entire letter and that it assumes no liability for any factual changes that may occur after the date of this letter. All representations, recommendations, and conclusions are based upon information contained and set forth herein. If you are aware of any information which conflicts with that which is contained herein, or you are aware of any defects arising from original design, material, fabrication, or erection deficiencies, you should disregard this letter and immediately contact URS. URS disclaims all liability for any representation, recommendation, or conclusion not expressly stated herein.

Should there be questions, please do not hesitate to call.

Sincerely,

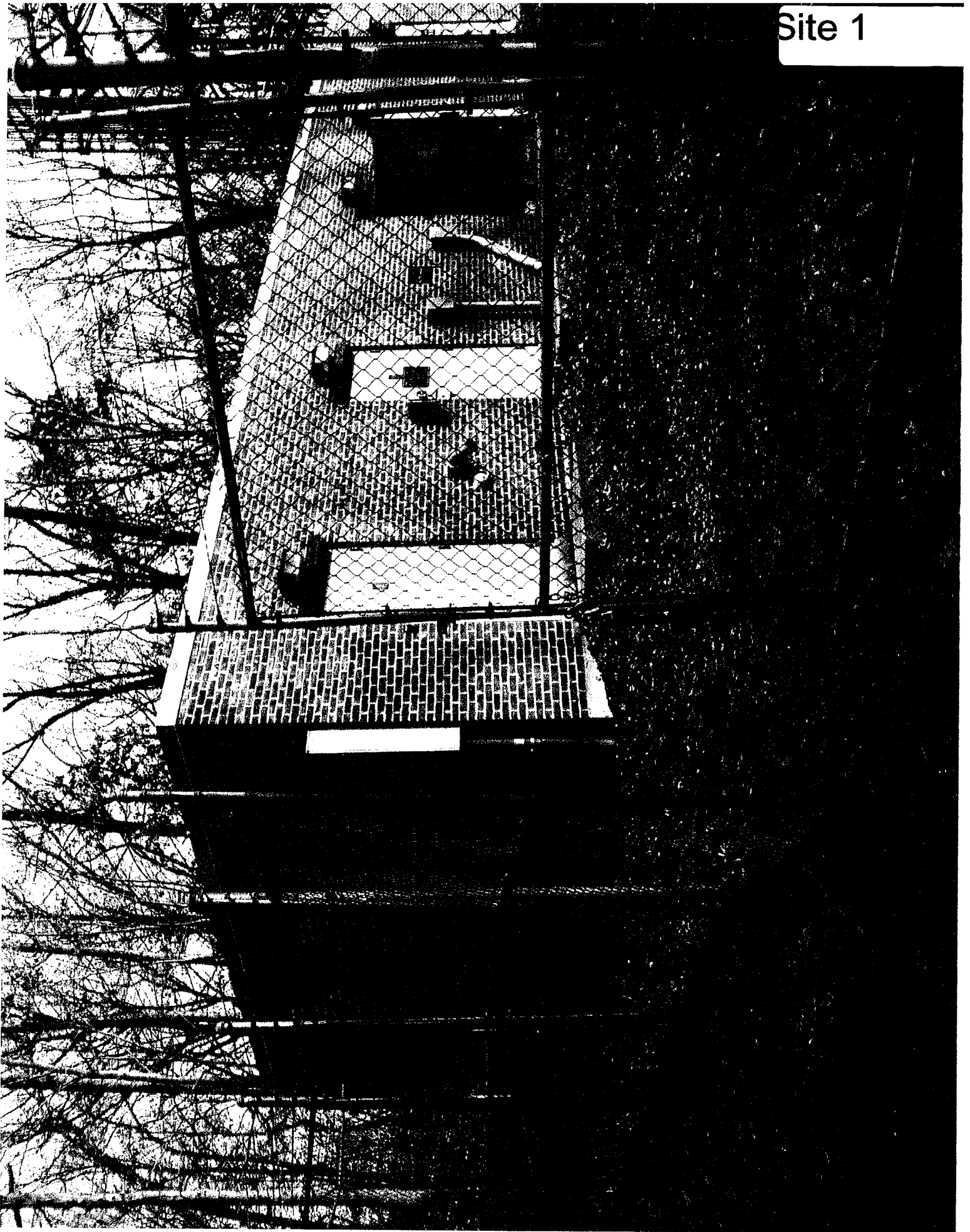
**URS Corporation**

  
Richard A. Sambor, P.E.  
Manager Facilities Design



RAS/jek

cc: Robert Fox - Site Acquisitions, Inc.  
IA, DR, AA, CF/Book - URS



Site 1



Letters to Chief  
Elected Officials

May 31, 2006

Honorable Jim Lash, First Selectman  
Town of Greenwich  
Town Hall, First Floor  
101 Field Point Road  
Greenwich, CT 06830

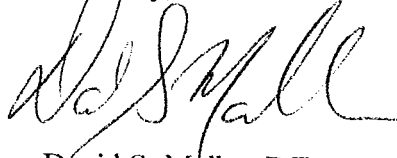
**Re: Notice of Exempt Modifications to a Facility in the  
Town of Greenwich, Connecticut**

Dear Mr. Lash,

As part of its merger and integration efforts, New Cingular Wireless PCS, LLC ("Cingular" or "the Company") intends to modify instrumentation and/or antenna configurations at certain wireless telecommunications facilities. As required by the Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review the Company's proposal. Please accept this letter and attachments as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter fully describes Cingular'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) 301-6378 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,



David S. Malko, P.E.  
Consultant for New Cingular Wireless

Enclosure