

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@po.state.ct.us

www.ct.gov/csc

January 5, 2006

New Cingular Wireless PCS, LLC
c/o David Malko
36 Quarry Road
Chester, VT 05143

RE: **EM-CING-051-135-103-051214** - New Cingular Wireless PCS, LLC notice of intent to modify existing telecommunications facilities located at 55 Walls Drive, Fairfield; 652 Glenbrook Road, Stamford; and 173 West Rocks Road, Norwalk, Connecticut.

Dear Mr. Malko:

At a public meeting held on January 4, 2006, the Connecticut Siting Council (Council) acknowledged your notice to modify these existing telecommunications facilities, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions for the Norwalk site:

1. The applicant shall be responsible for the maintenance (and replacement, if necessary) of the five hemlock trees that screen the facility from West Rocks Road and the eight hemlocks located along south side of the building. (Spruce and/or fir trees are also acceptable replacements.)
2. The applicant shall be responsible for the maintenance (and repair, if necessary) of the existing chain link fence, including the removal of weeds and debris in and around the enclosure.
3. The replacement antennas shall be a color (or painted accordingly) to match the existing water tank that they would be attached to.

The proposed modifications are to be implemented as specified here and in your notice dated December 14, 2005, including the placement of all necessary equipment and shelters within the tower compounds. 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 existing facility sites that would not increase tower heights, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by six decibels, and increase the total radio frequencies electromagnetic radiation power densities measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. These facilities have also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on these towers.

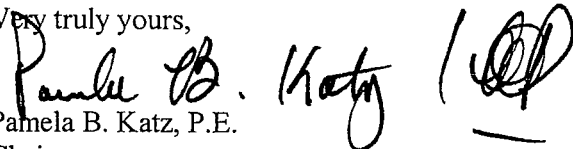
This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to any of these facilities will require explicit notice to this agency pursuant to Regulations of Connecticut 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 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,


Pamela B. Katz, P.E.
Chairman

PBK/laf

- c: The Honorable Kenneth A. Flatto, First Selectman, Town of Fairfield
- Joseph E. Devonshuk, Town Planner, Town of Fairfield
- The Honorable Dannel P. Malloy, Mayor, City of Stamford
- Robert Stein, Planning and Zoning Director, City of Stamford
- The Honorable Richard Moccia, Mayor, City of Norwalk
- Michael Greene, Director of Planning and Zoning, City of Norwalk
- Dorothy S. Wilson, Senior Planner, City of Norwalk
- Christopher B. Fisher, Esq., Cuddy & Feder LLP
- Thomas F. Flynn III, Nextel Communications
- Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
- Kenneth C. Baldwin, Esq., Robinson & Cole LLP
- Christine Farrell, T-Mobile

FAX

TO: David Martin FAX #: 860-827-2950
FROM: David Malko FAX #: 802-875-4515
PHONE#: 802-875-4514
DATE: 12/21/05
SUBJ: Power Density Detail Number of Pages: 2
For 12/14/05 filing (inc. cover page)

Attached is the power density detail supporting my 12/14 exempt mod filing.

Call with any questions,
Dave

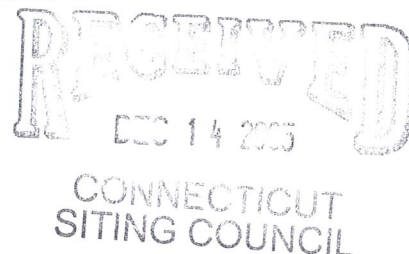
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| Cingular Site/E Site | Carrier | #Channels | ERP/Ch | Ant Ht | Density (m) | MHz | S | %MPE | Cing Total |
|------------------------------------|---------------|-----------|--------|--------|-------------|------|--------|--------|------------|
| 2120 Fairfield - 55 Walls Drive | Cingular | 9 | 17 | 47.5 | 0.0244 | 850 | 0.5667 | 4.30% | |
| 2120 | CINGULAR GSM | 2 | 296 | 70 | 0.0434 | 880 | 0.5867 | 7.40% | |
| 2120 | CINGULAR GSM | 2 | 427 | 70 | 0.0627 | 1930 | 1.0000 | 6.27% | 17.97% |
| 2141 | CINGULAR GSM | 5 | 296 | 96 | 0.0577 | 880 | 0.5867 | 9.84% | |
| 2141 | CINGULAR GSM | 1 | 427 | 96 | 0.0167 | 1930 | 1.0000 | 1.67% | |
| 2141 Stamford - 652 Glenbrook Road | Cingular/SNET | 14 | 100 | 102.75 | 0.0477 | 880 | 0.5867 | 8.13% | 19.64% |
| 2151 Norwalk - 177 West Rocks Road | Cingular | 9 | 100 | 70 | 0.0660 | 850 | 0.5667 | 11.65% | |
| 2151 Norwalk - 177 West Rocks Road | CINGULAR GSM | 3 | 296 | 87 | 0.0422 | 880 | 0.5867 | 7.19% | |
| 2151 Norwalk - 177 West Rocks Road | CINGULAR GSM | 1 | 427 | 87 | 0.0203 | 1930 | 1.0000 | 2.03% | |
| 2151 Norwalk - 177 West Rocks Road | AT&T GSM | 4 | 275 | 128 | 0.0241 | 1945 | 1.0000 | 2.41% | 23.29% |

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December 14, 2005

Mr. S. Derek Phelps
Executive Director
Connecticut Siting Council EM-CING-051-135-103-051214
10 Franklin Square
New Britain, CT 06051



Re: **Notice of Exempt Modifications to Various Facilities in the Towns of Fairfield, Stamford and Norwalk, 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 three existing facilities located in the Towns of Fairfield, Stamford and Norwalk, Connecticut. Please accept this letter and attachments as notification, pursuant to R.C.S.A. § 16-50j-73, of construction that constitutes exempt modifications 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 each of the municipalities in which an affected cell is located.

The three sites which are the subject of this filing have been grouped based on their location and proximity and are discussed in more detail below. Additional exempt modification notifications will follow in the near future and will cover similarly grouped facilities within the balance of Fairfield County.

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 each of the five sites follows.

Site 1

Site 1 is located at 55 Walls Drive, Fairfield, CT and is owned by Robert D. Scinto (Cingular Site #2120). On the property is a 20-foot lattice tower located on the roof of a 50-foot tall building. There are no other wireless carriers at the site. WMNR and ABA Alarm operate at the site.

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 70' 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 the General Information section of the attachments to this notice. Additional radio equipment will be located within the Company's existing 11' x 24' equipment room within the building. 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 building, *excluding the operations of Cingular*, is calculated to be approximately 0.99% 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 building indicates that when fully implemented, New Cingular's dual-band operations would contribute approximately 17.97% of the standard. The calculated "worst-case" power density for the combined operations at the site would therefore be approximately 18.96% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

Site 2

Site 2 is located at 652 Glenbrook Road, Stamford, CT and is owned by Glenbrook Industrial, Inc (Cingular Site #2141). On the property is a water tank located on the roof of an industrial building. The total height of the tank and building structure is approximately 110' above ground level (AGL). In addition to Cingular, the tower currently supports antennas of wireless carriers AT&T Wireless, T-Mobile, and Nextel.

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 96' 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 the General Information section of the attachments to this notice. Additional radio equipment will be located within the Company's existing 11' x 24' equipment room. Since each new antenna requires two feeds from the radio equipment, new transmission lines will be added to the tank bringing the total number of lines to 12. A structural analysis has been performed for the tank 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 building, *excluding the operations of Cingular and AT&T Wireless*, is calculated to be approximately 12.42% 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 building indicates that when fully implemented, New Cingular’s dual-band operations would contribute approximately 19.64% of the standard. The calculated “worst-case” power density for the combined operations at the site would therefore be approximately 32.06% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

Site 3

Site 3 is located at 177 West Rocks Road, Norwalk, CT and is owned by the City of Norwalk (Cingular Site #2151). On the property are an approximately 85-foot tall water tank, equipment shelters and pad-mounted equipment. In addition to Cingular, the tower currently supports antennas of wireless carriers AT&T Wireless, Nextel, Verizon, Sprint and T-Mobile.

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 87’ 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 the General Information section of the attachments to this notice. Additional radio equipment will be located within the Company’s existing 11’ x 16’ equipment shelter at the base of the tank. Since each new antenna requires two feeds from the radio equipment, new transmission lines will be added to the tank bringing the total number of lines to 12. A structural analysis has been performed for the tank 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 tank, *excluding the operations of Cingular and AT&T Wireless*, is calculated to be approximately 28.64% 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 tank indicates that when fully implemented, New Cingular’s dual-band operations would contribute approximately 23.28% of the standard. The calculated “worst-case” power density for the combined operations at the site would therefore be approximately 51.92% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

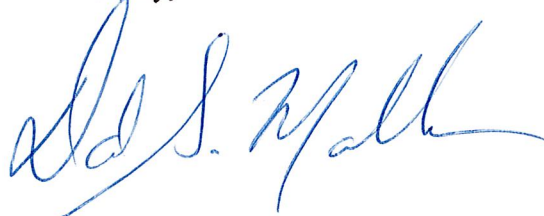
Summary

The proposed changes to the facilities do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") § 16-50i(d) because the general physical characteristics of the facilities will not be significantly changed or altered. Rather, the planned modifications to the facilities fall 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 heights of the towers/tanks. In all cases, the number of antennas will be reduced from nine to six and will result in a reduction in the structures' profiles. The enclosed tower/tank drawings confirm that the planned modifications will not increase the heights or the profiles of the structures. Based on the attached structural analyses, the towers/tanks are 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 boundaries.
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 sites 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 facilities constitute exempt modifications under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

A handwritten signature in blue ink, appearing to read "David S. Malko".

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

Enclosures

cc: Honorable Kenneth A. Flatto, First Selectman, Town of Fairfield
Honorable Dannel P. Malloy, Mayor, City of Stamford
Honorable Alex A. Knopp, Mayor, City of Norwalk

General Information Attachments

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

Dual Broadband Antenna

90° 1.4 m MET Antenna

806-9601710-2170 MHz

Part Number:
7770.00

Horizontal Beamwidth: 90°
Gain: 13.5/16 dBi

Electrical Downtilt: Adjustable
Connector Type: 7/16 female

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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 **Powerwave**
technologies

806-960/1710-2170 MHz

Dual Broadband Antenna

Electrical Specifications (Preliminary)

| | | |
|---|--------------------------------|--------------------------------|
| Frequency band (MHz) | 806-960 | 1710-2170 |
| Gain, ± 0.5 dB (dBi) | 13.5 | 16.0 |
| Polarization | Dual linear $\pm 45^\circ$ | |
| Nominal Impedance (Ohm) | 50 | |
| VSWR | 1.5:1 | |
| VSWR | | 1.5:1 |
| Isolation between inputs (dB) | 30 | |
| Isolation between inputs (dB) | | 30 |
| Inter band isolation (dB) | 40 | |
| Horizontal -3 dB beamwidth | $85 \pm 5^\circ$ | $85 \pm 5^\circ$ |
| Tracking, Horizontal plane, $\pm 60^\circ$ (dB) | <2.0 | |
| Tracking, Horizontal plane, $\pm 60^\circ$ (dB) | <2.0 | |
| Electrical downtilt range (adjustable) | 0° to 10° | 0° to 8° |
| Vertical -3 dB beamwidth | $14.3 \pm 2.0^\circ$ | $6.6 \pm 1^\circ$ |
| Sidelobe suppression, Vertical 1st upper (dB) | >17, 16, 15 x=0, 5, 10° MET | > 17, 16, 15 x=0, 4, 8° MET |
| Vertical beam squint | <0.8° | |
| First null-fill (dB) | <-25 | |
| Front-to-back ratio (dB) | >25 | |
| Front-to-back ratio, total power (dB) | >20 | |
| IM3, 2Tx@43dBm (dBc) | <-153 | |
| IM3, 2Tx@43dBm (dBc) | | <-163 |
| IM7, 2Tx@43dBm (dBc) | | <-160 |
| Power Handling, Average per input (W) | 400 | 250 |
| Power Handling, Average total (W) | 800 | 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") |

Corporate Headquarters
Powerwave Technologies, Inc.
1801 East St. Andrew Place
Santa Ana, CA 92705 USA

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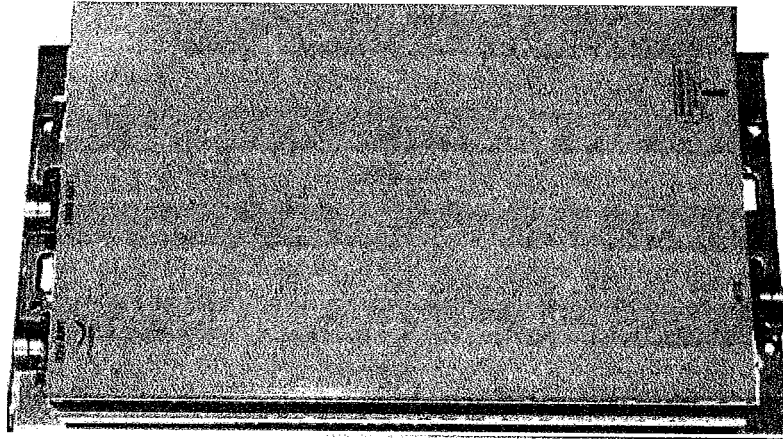
Tower Mounted Amplifier

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 rd 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. |

Corporate Headquarters
 Powerwave Technologies, Inc.
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 Santa Ana, CA 92705 USA
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THE POWER IN WIRELESS®



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

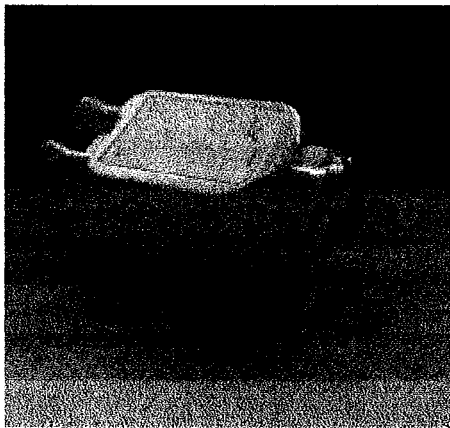
Part Number:
LGP13519

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

ANTENNA
SYSTEMS

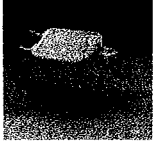
BASE STATION
SYSTEMS

COVERAGE
SYSTEMS

THE POWER IN WIRELESS®

 **Powerwave**
technologies

824-894/1850-1990 Diplexer



824-894/1850-1990

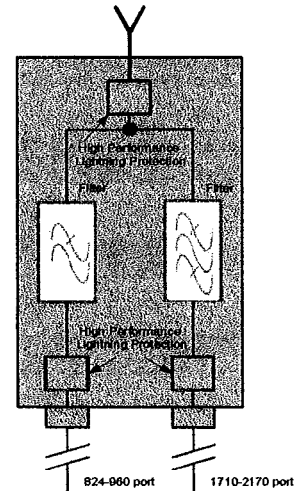
Electrical Specifications

| | | |
|--------------|----------------------------------|---------------|
| 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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QUALITY AND RELIABILITY

Site Specific Attachments

Site 1

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



SITE NUMBER:
2120
SITE NAME:
FAIRFIELD - CENTRAL
SITE ADDRESS:
55 WALLS DR.
FAIRFIELD, CT 06424

IT IS A WARNING OF THE PROPRIETARY RIGHTS OF THE WIRELESS COMPANY TO ALSO THE ACTING UNDER THE PROVISIONS OF A LICENSED PROFESSIONAL ENGINEER.

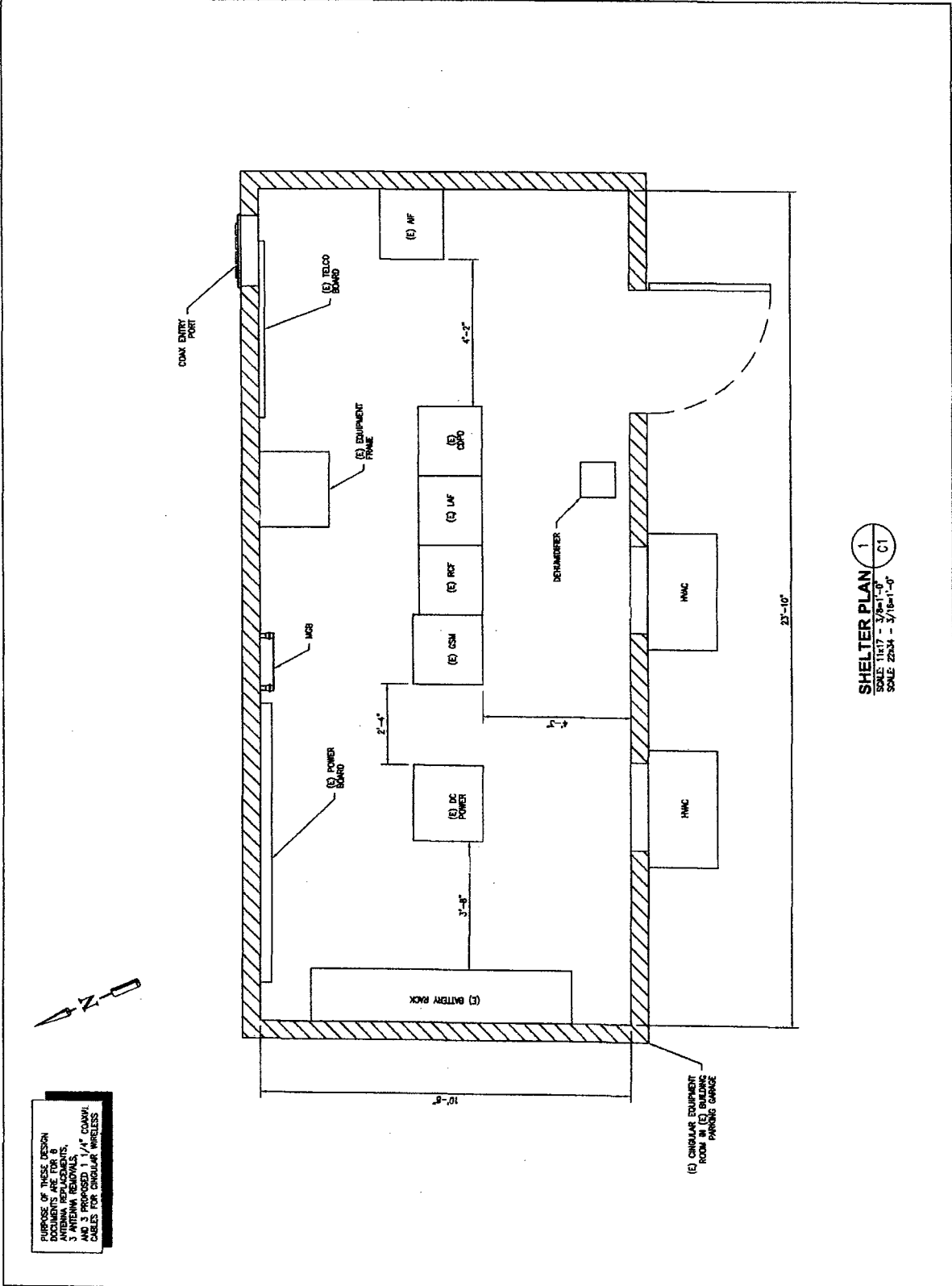
DATE: 04/11/08
DRAWN BY: SP
CHECKED BY: SP
PROJECT NO.: 0804130-00000

| SUBMITTALS | |
|------------|----------|
| NO. | DATE |
| 1 | 04/11/08 |
| 2 | 04/11/08 |
| 3 | 04/11/08 |
| 4 | 04/11/08 |
| 5 | 04/11/08 |
| 6 | 04/11/08 |
| 7 | 04/11/08 |
| 8 | 04/11/08 |
| 9 | 04/11/08 |
| 10 | 04/11/08 |



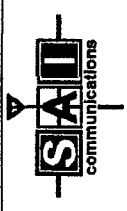
SHEET TITLE
SHELTER PLAN

SHEET NUMBER
C1



PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR 8 WIRELESS EQUIPMENTS, 2 WIRELESS EQUIPMENTS, AND 3 PROPOSED 1/4" COAXIAL CABLES FOR CINGULAR WIRELESS

SHELTER PLAN 1
SCALE: 11x17 - 3/8"=1'-0"
SCALE: 22x34 - 3/16"=1'-0"
C1



SITE NUMBER:
2120
SITE NAME:
FAIRFIELD - CENTRAL
SITE ADDRESS:
65 WALLS DR.
FAIRFIELD, CT 06424

IT IS A VIOLATION OF THE PROFESSIONAL PRINTING ACT AND THE PROFESSIONAL ENGINEERING ACT TO REPRODUCE OR TRANSMIT THIS DOCUMENT UNLESS THEY ARE AUTHORIZED BY THE PROFESSIONAL ENGINEER OR LICENSED ACTING UNDER HIS SUPERVISION AND CONTROL.

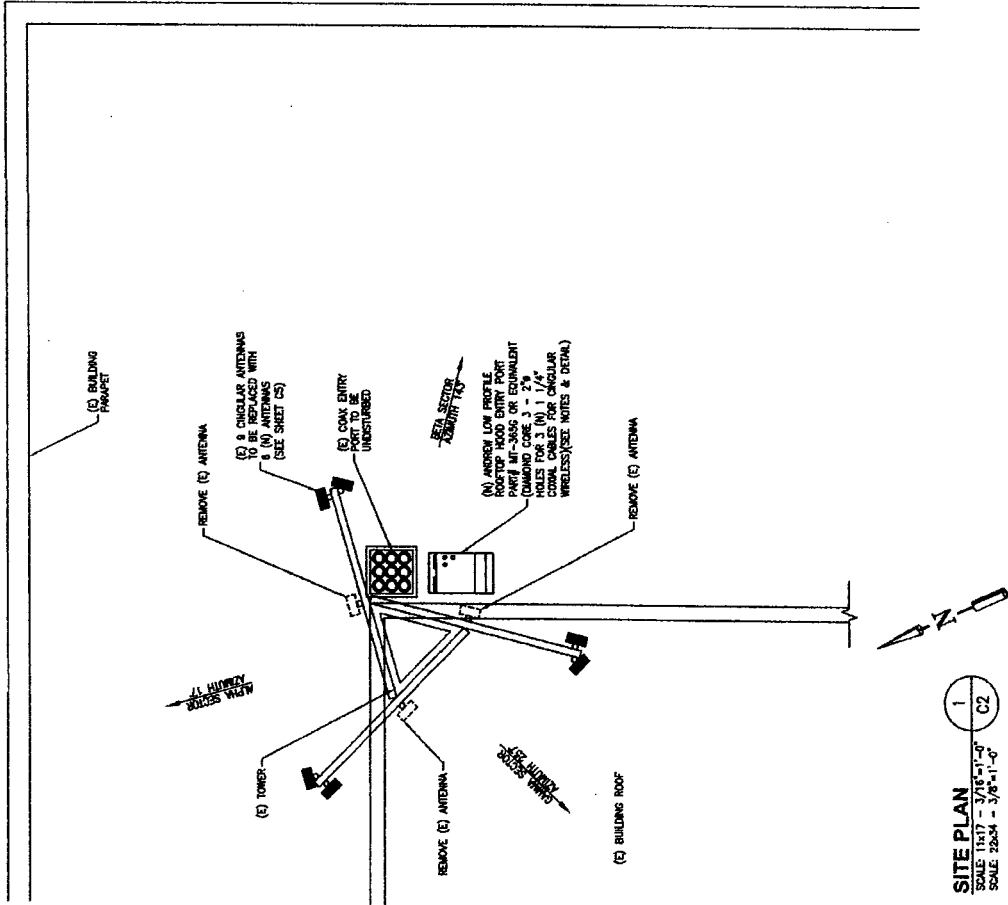
DATE: 07/15/07
DRAWN BY: [blank]
CHECKED BY: [blank]
PROJECT NO.: 0604130-000000

| SUBMITTALS | |
|------------|-------------------|
| NO. | DESCRIPTION |
| 1 | 1 DRAWING |
| 2 | 1 SITE PLAN |
| 3 | 1 COMM. EQUIPMENT |
| 4 | 1 COMM. EQUIPMENT |
| 5 | 1 COMM. EQUIPMENT |
| 6 | 1 COMM. EQUIPMENT |
| 7 | 1 COMM. EQUIPMENT |
| 8 | 1 COMM. EQUIPMENT |
| 9 | 1 COMM. EQUIPMENT |
| 10 | 1 COMM. EQUIPMENT |



SHEET TITLE
SITE PLAN

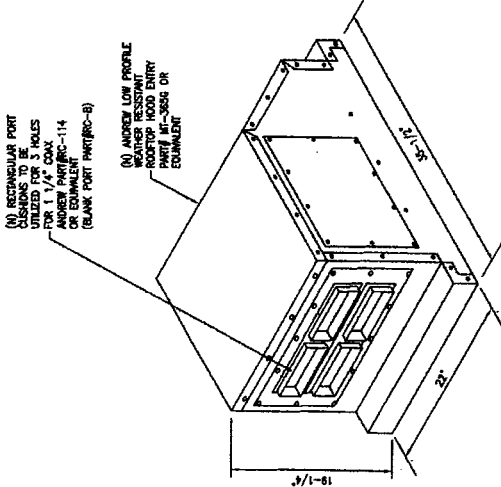
SHEET NUMBER
C2



SITE PLAN
SCALE: 1/8" = 1'-0"
SCALE: 3/8" = 1'-0"

PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR 6 ANTENNA REPLACEMENTS, 3 (N) AND 3 (E) PROPOSED 1 1/4" COAXIAL CABLES FOR CINGULAR WIRELESS

- NOTES**
- CONTRACTOR TO VERIFY EXISTING BUILDING DRAWINGS TO DETERMINE PROPER CORING LOCATIONS WITH ROOFTOP HOOD ENTRY FOR 3 (N) 1 1/4" COAX.
 - CONTRACTOR TO PROVIDE 3--RAY IN LOCATIONS WHERE CORING IN CONCRETE WILL BE COMPLETED TO AVOID DISTURBANCE OF EXISTING STRUCTURAL MEMBERS AND/OR REINFORCEMENT.
 - CONTRACTOR TO VERIFY EXISTING ROOFTOP HOOD ENTRY AND SHOULD BE VERIFIED BY CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
 - CONTRACTOR TO PROVIDE FRESTOP IN CORING AFTER CANVAL INSTALLATION WITH HELI CP OR 3/8" FRESTOP PLUG FOR EACH CORE. (TYP. OF 3)
 - 3 (N) 1 1/4" COAXIAL CABLES SHOULD BE RUN ALONG SIDE (E) CIRCULAR 1 1/4" COAX.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ROOFTOP ROOFING MATERIAL INTEGRITY AND INSURE THAT ROOFTOP REMAINS WATERTIGHT AND SHALL INSTALL NEW MATERIAL PER ALL MANUFACTURER'S RECOMMENDATION. CONTRACTOR SHALL INSTALL MATERIAL IN SUCH A MANNER SO AS TO NOT VOID ANY AND ALL ROOFTOP MATERIAL OR INSTALLATION WARRANTIES.



ROOF TOP HOOD ENTRY DETAIL
SCALE: 1/4" = 1'-0"
SCALE: 3/8" = 1'-0"



SITE NUMBER:
2120

SITE NAME:
FAIRFIELD - CENTRAL

SITE ADDRESS:
85 WALLS DR.
FAIRFIELD, CT 06424

IT IS A VIOLATION OF THE PROHIBITORY PROVISIONS OF THE COMMUNICATIONS ACTING UNDER THE AUTHORITY OF A LICENSED PROFESSIONAL ENGINEER.

DRAWN BY: _____

CHECKED BY: _____

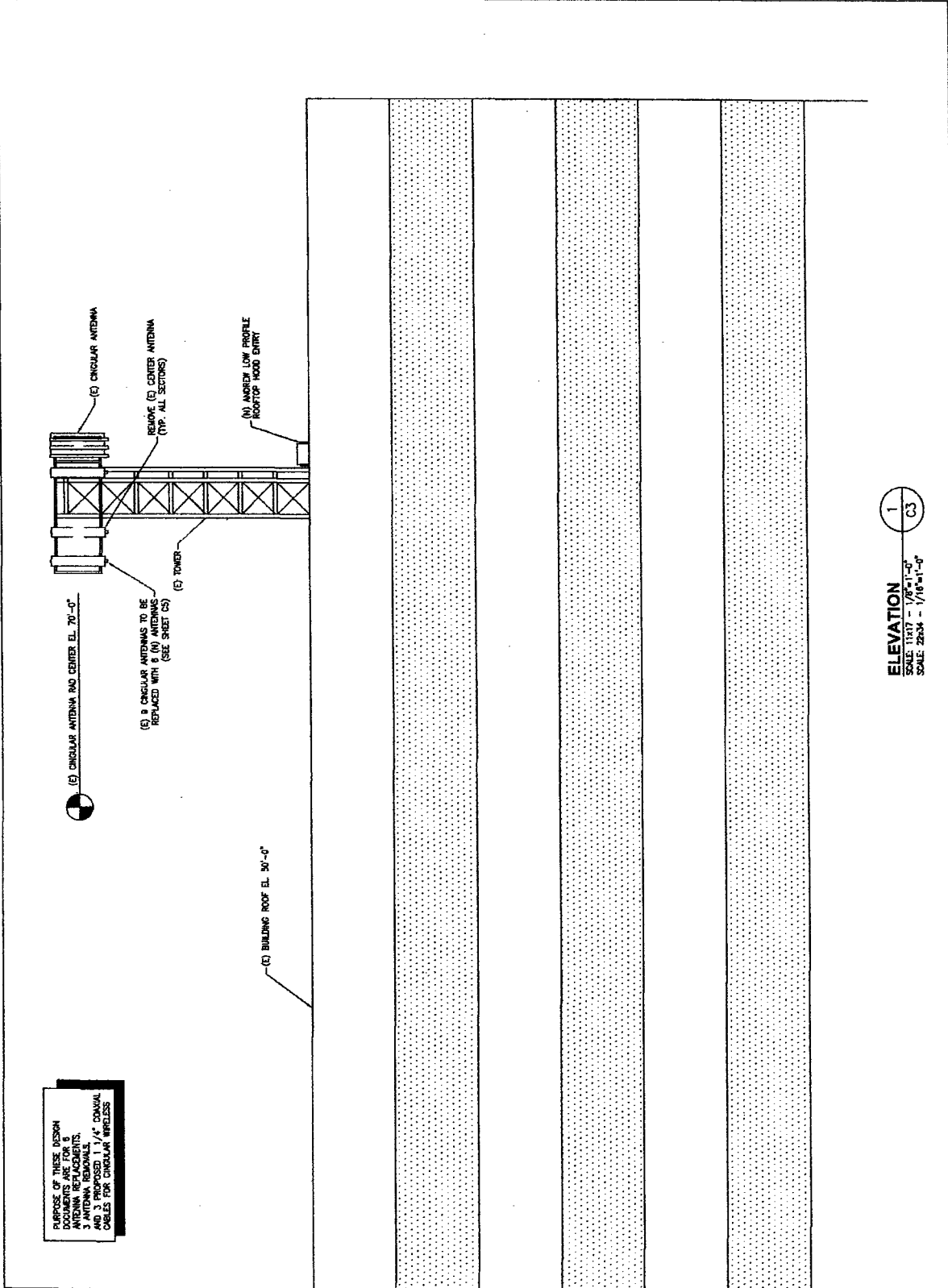
PROJECT NO.: 0604130-000000

| SUBMITTALS | |
|------------|----------|
| NO. | DATE |
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| 2 | 05/14/05 |
| 3 | 05/14/05 |
| 4 | 05/14/05 |
| 5 | 05/14/05 |
| 6 | 05/14/05 |
| 7 | 05/14/05 |
| 8 | 05/14/05 |
| 9 | 05/14/05 |
| 10 | 05/14/05 |



SHEET TITLE
ELEVATION

SHEET NUMBER
C3



PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR 8 ANTENNA REPLACEMENTS, 8 ANTENNA CABLES AND 3 PROPOSED 1 1/4" DIAMETER CABLES FOR CIRCULAR WIRELESS

ELEVATION
SCALE: 1/8"=1'-0"
SCALE: 2/32" = 1/16"=1'-0"



December 8, 2005

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

Reference: Proposed Upgrade
Cingular Wireless Site No: 2120
Site Name: Fairfield - Central
55 Walls Drive, Fairfield, CT
URS Project Number: SAI-002 / 36915462

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 2, 2005 in order to assess the site and gather information on the existing conditions. The existing antennas are located on (3) boom gates on the face of a 20' rooftop lattice tower supported by a steel platform. The tower has the capacity to support the removal of (3) APL868013 antennas per sector and the installation of (2) Powerwave 7770.00 antennas, (2) Powerwave LGP21401 TMA's, (2) Powerwave LGP 13519 diplexers, and (1) additional 1 1/4" coaxial cable per sector. This site has three sectors of antennas with three antennas per sector.

This determination is based on requirements of the Connecticut State Building Code dated 1999 and the latest supplements and amendments. This determination is also based upon the original site having been designed, fabricated and installed in compliance with construction documents and State Building Codes.

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

Sincerely,

URS Corporation


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

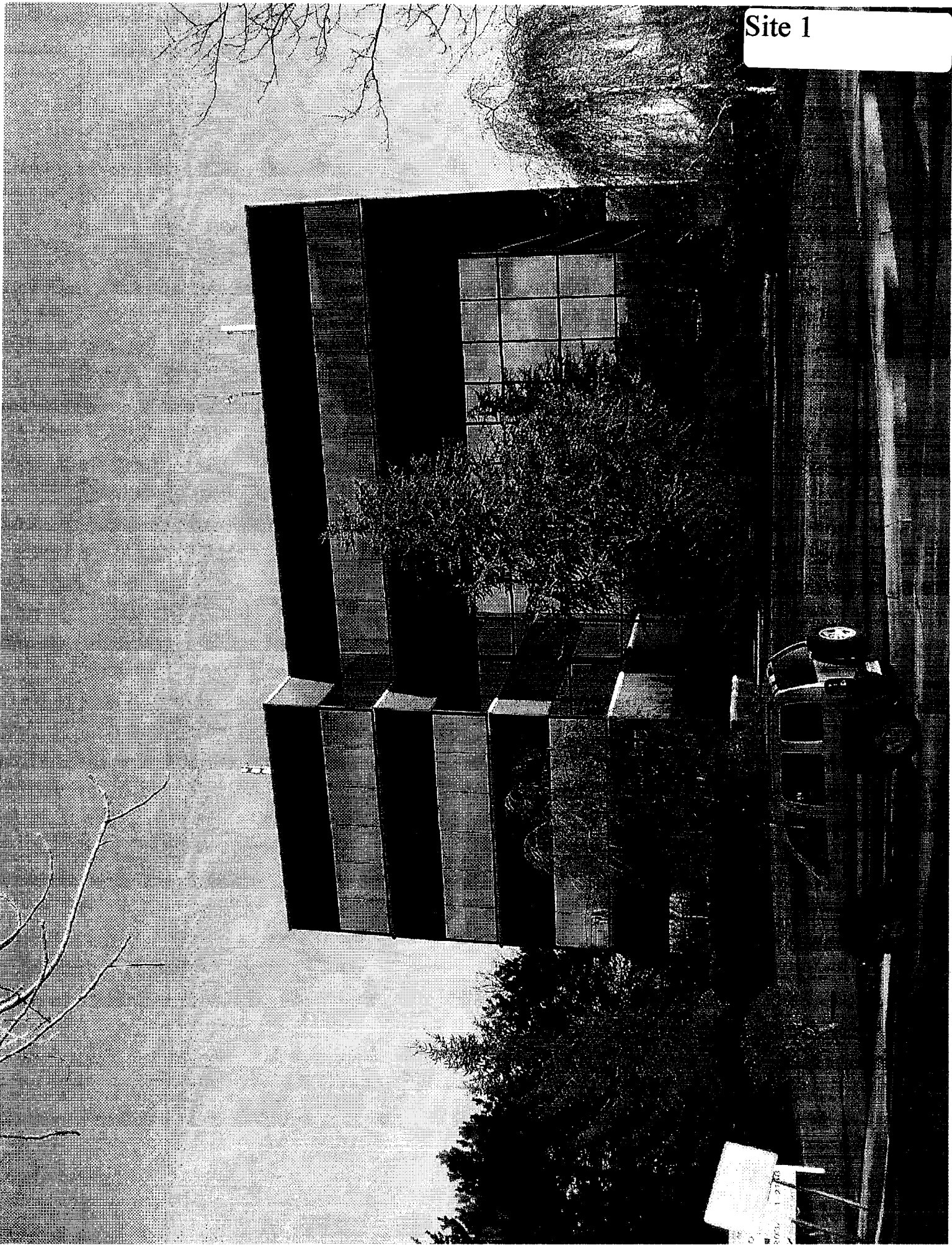


RAS/jek

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

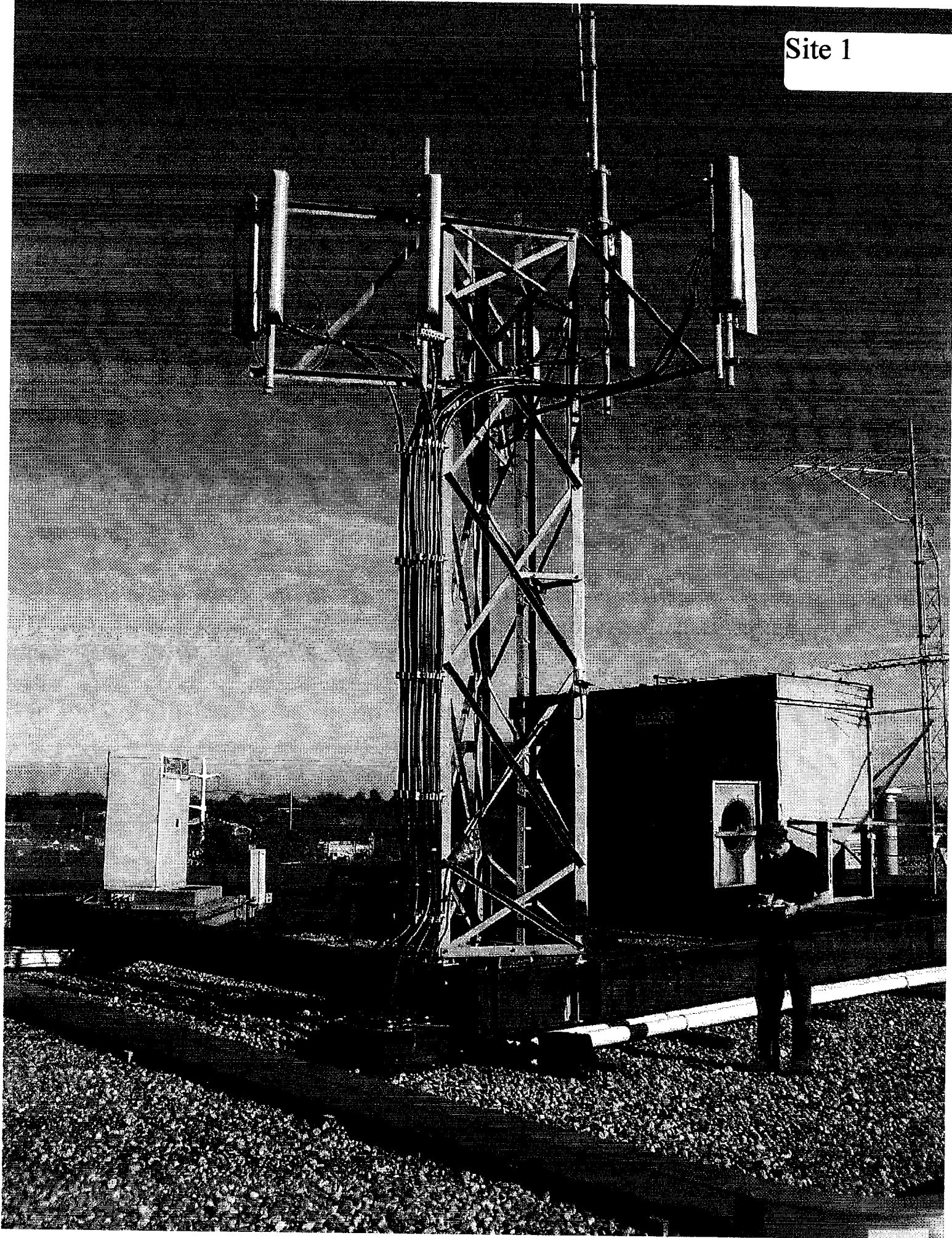
URS Corporation
500 Enterprise Drive, Suite 3B
Rocky Hill, CT 06067
Tel: 860.529.8882
Fax: 860.529.3991

Site 1



Site 1
4/20/88
1

Site 1



Site Specific Attachments

Site 2

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



SITE NUMBER:
2141

SITE NAME:
STAMFORD -
GLENBROOK H20

SITE ADDRESS:
652 GLENBROOK RD
STAMFORD, CT

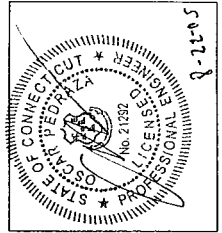
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DRAWN BY: _____ ON: _____

CHECKED BY: _____

PROJECT NO: 0004118-000000

| SUBMITTALS | |
|-----------------|------------|
| NO. DESCRIPTION | DATE |
| 0 | 08/17/2005 |



SHEET TITLE
TITLE SHEET

SHEET NUMBER
T1

SITE NUMBER: 2141

SITE NAME: STAMFORD - GLENBROOK H20

MAPS & DIRECTIONS

FROM I-95 EAST TAKE EXIT 7 AND BEAR LEFT ONTO S STATE ST. TURN LEFT ONTO WASHINGTON BLVD. TURN RIGHT ONTO US-1 (TRESSER BLVD). TURN LEFT ONTO GLENBROOK RD. TURN LEFT ONTO COMING PL. TURN RIGHT ONTO COMING TERRACE. TOWER SITE IS ON THE LEFT.

BLDG. CODES AND STANDARDS

CONTRACTOR'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
ELECTRICAL CODE: NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2002 NATIONAL ELECTRICAL CODE
LIGHTNING PROTECTION CODE: NFPA 780 - 2003, LIGHTNING PROTECTION CODE

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING: ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE; AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION; TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-F STRUCTURAL REQUIREMENTS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES; TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
IEEE 1100 (1999), 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 EXPOSURE")
TELECOM 08-1273, GENERAL INSTALLATION REQUIREMENTS
TELECOM 08-1503, 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, CONSULT BETWEEN THE GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT. THE SPECIFIC REQUIREMENT SHALL GOVERN.

VICINITY MAP

BLDG. CODES AND STANDARDS

CONTRACTOR'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.

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ELECTRICAL CODE: NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2002 NATIONAL ELECTRICAL CODE
LIGHTNING PROTECTION CODE: NFPA 780 - 2003, LIGHTNING PROTECTION CODE

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING: ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE; AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION; TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-F STRUCTURAL REQUIREMENTS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES; TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

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TELECOM 08-1273, GENERAL INSTALLATION REQUIREMENTS
TELECOM 08-1503, 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, CONSULT BETWEEN THE GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT. THE SPECIFIC REQUIREMENT SHALL GOVERN.

SITE MAP

BLDG. CODES AND STANDARDS

CONTRACTOR'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.

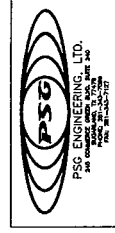
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LIGHTNING PROTECTION CODE: NFPA 780 - 2003, LIGHTNING PROTECTION CODE

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INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
IEEE 1100 (1999), 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 EXPOSURE")
TELECOM 08-1273, GENERAL INSTALLATION REQUIREMENTS
TELECOM 08-1503, 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, CONSULT BETWEEN THE GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT. THE SPECIFIC REQUIREMENT SHALL GOVERN.

| APPROVALS | |
|---|------------|
| NAME (PRINT) _____ | DATE _____ |
| SIGNATURE _____ | |
| NAME (PRINT) _____ | DATE _____ |
| SIGNATURE _____ | |
| NAME (PRINT) _____ | DATE _____ |
| SIGNATURE _____ | |
| SITING COUNCIL COMMITTEE | |
| NAME (PRINT) _____ | DATE _____ |
| OTHER _____ | |
| DRAWING INDEX | |
| TITLE SHEET | REV |
| EQUIPMENT PLAN | 0 |
| SITE ELEVATION & ANTENNA PLAN | 0 |
| ANTENNA PLUMBING DIAGRAM-ALPHA-BETA-GAMMA | 0 |
| RF DATA INFORMATION | 0 |
| | |
| | |
| | |
| | |
| PROJECT INFORMATION | |
| SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS FACILITY MODIFICATIONS | |
| SITE NUMBER: 2141 | |
| SITE NAME: STAMFORD - GLENBROOK H20 | |
| ADDRESS: 652 GLENBROOK RD | |
| STAMFORD, CT | |
| CITY, STATE, ZIP | |
| LATITUDE: 41.07532268 | |
| LONGITUDE: 72.91111111 | |
| JURISDICTION: FAIRFIELD COUNTY | |
| CURRENT USE: TELECOMMUNICATIONS FACILITY | |
| PROPOSED USE: TELECOMMUNICATIONS FACILITY | |
| SITE TYPE: WATER TANK ON ROOFTOP | |
| RAD CENTER: ALPHA AND BETA SECTORS 96'-0", GAMMA SECTOR 100'-0" | |
| OWNER: GLENBROOK INDUSTRIAL, INC | |



SITE NUMBER:
2141

SITE NAME:
STAMFORD -
GLENBROOK H20

SITE ADDRESS:
652 GLENBROOK RD
STAMFORD, CT

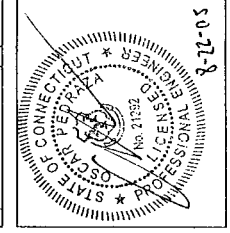
IF A PORTION OF THE PROVIDED RIGHTS
& PERMISSIONS ARE NOT TO BE
OCCUPIED UNLESS THEY ARE ILLUSTRATED
ACTING UNDER THE AUTHORITY OF A
PROFESSIONAL ENGINEER.

DRAWN BY: CH

CHECKED BY: DP

PROJECT NO: 0004182-000000

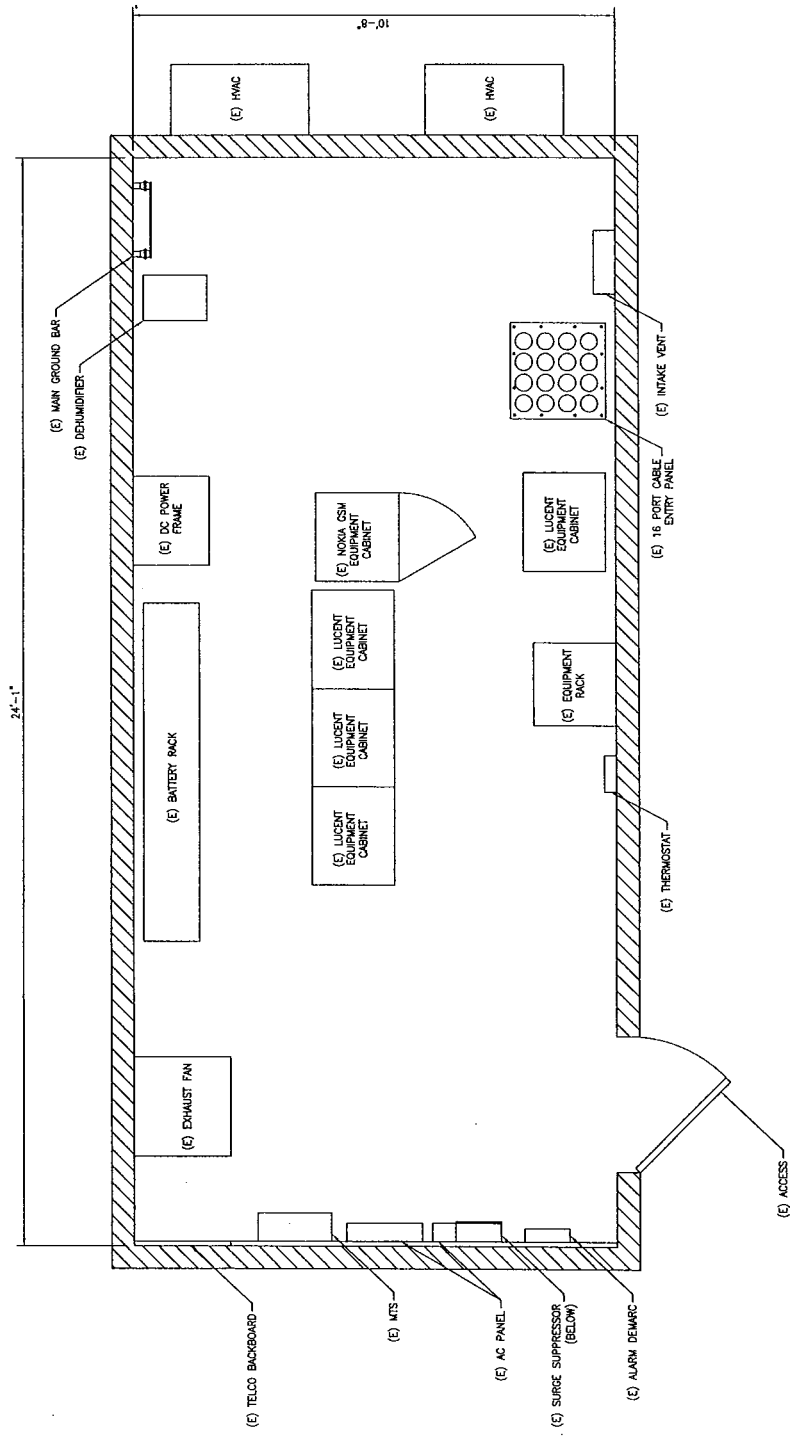
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|------------|----------|
| NO. | DATE |
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| 2 | 06/11/08 |



SHEET TITLE
EQUIPMENT PLAN

SHEET NUMBER
C1

PURPOSE OF THESE DESIGN DOCUMENTS ARE
FOR 6 ANTENNA REPLACEMENTS, 3 ANTENNA
REMOVALS, 9 EXISTING 7/8" COAXIAL RECONNECTIONS
TO BE REPLACED WITH 12 PROPOSED 1 5/8"
COAXIAL CABLES FOR CINGULAR WIRELESS.



EQUIPMENT PLAN

SCALE: 11x17 = 3/8"=1'-0"

SCALE: 22x34 = 3/4"=1'-0"

1 / C1

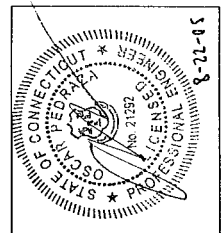


SITE NUMBER:
2141
SITE NAME:
STAMFORD -
GLENBROOK H20
SITE ADDRESS:
652 GLENBROOK RD
STAMFORD, CT

IT IS A VIOLATION OF THE PROPRIETARY RIGHTS OF THE ENGINEER TO REPRODUCE OR TRANSMIT THIS DOCUMENT UNLESS THEY ARE RESTRICTED BY A PROFESSIONAL DESIGNER.

DESIGN BY: []
CHECKED BY: []
PROJECT NO.: 0604110-10000

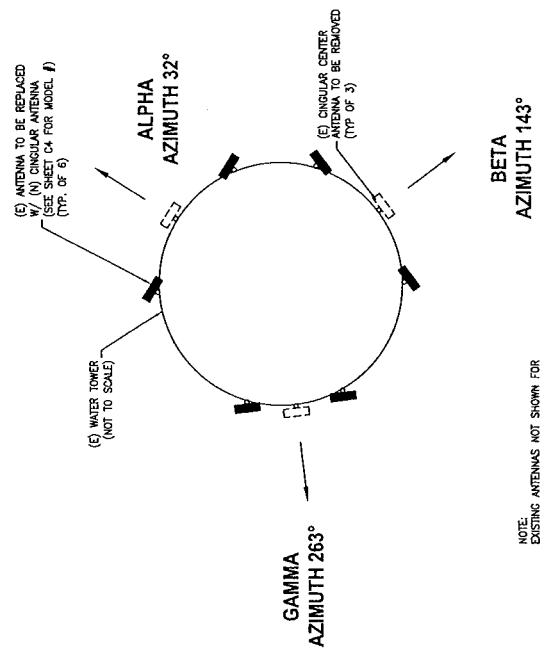
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| NO. DESCRIPTION | BY DATE |
| 1 SITE COMMITTEE CDR | 01/10/10 |
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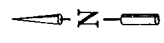
SHEET TITLE
**SITE ELEVATION
& ANT PLAN**

SHEET NUMBER
C2

PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR THE INSTALLATION OF ANTENNAS. REMOVALS TO BE REPLACED WITH 12' PROPOSED 1 5/8" COAXIAL CABLES FOR CINGULAR WIRELESS.



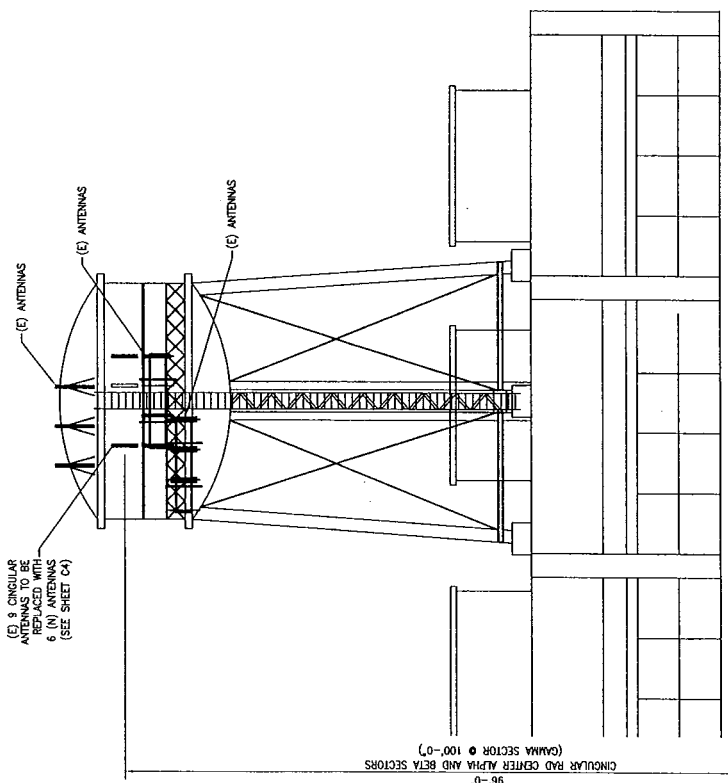
NOTE:
EXISTING ANTENNAS NOT SHOWN FOR CLARITY. WATER TOWER IS SHOWN DIAGRAMMATICALLY AND IS NOT TO SCALE.



2
C2

ANTENNA PLAN VIEW
SCALE: 1:117 - NTS
SCALE: 22:34 - NTS

CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS HAS BEEN PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER. THE ENGINEER SHALL DETERMINE IF THE TOWER IS STRUCTURALLY ADEQUATE TO SUSTAIN PROPOSAL.



CINGULAR RAD CENTER ALPHA AND BETA SECTORS
(GAMMA SECTOR @ 100-0°)

1
C2

SITE ELEVATION
SCALE: 1:117 - NTS
SCALE: 22:34 - NTS



December 8, 2005

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

Reference: Proposed Upgrade
Cingular Wireless Site No: 2141
Site Name: Stamford – Glenbrook H₂O
652 Glenbrook Road, Stamford, CT
URS Project Number: SAI-005 / 36915465

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.

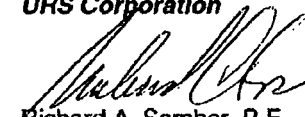
URS completed a field visit on December 2, 2005 in order to assess the site and gather information on the existing conditions. The existing antennas are located on pipe mounts on the face of the water tank. The water tank and antenna mounts have the capacity to support the removal of (3) APL868013 antennas and (3) 7/8" 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) 1 5/8" coaxial cable per sector. This site has three sectors of antennas with three antennas per sector.

This determination is based on requirements of the Connecticut State Building Code dated 1999 and the latest supplements and amendments. This determination is also based upon the original site having been designed, fabricated and installed in compliance with construction documents and State Building Codes.

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

Sincerely,

URS Corporation

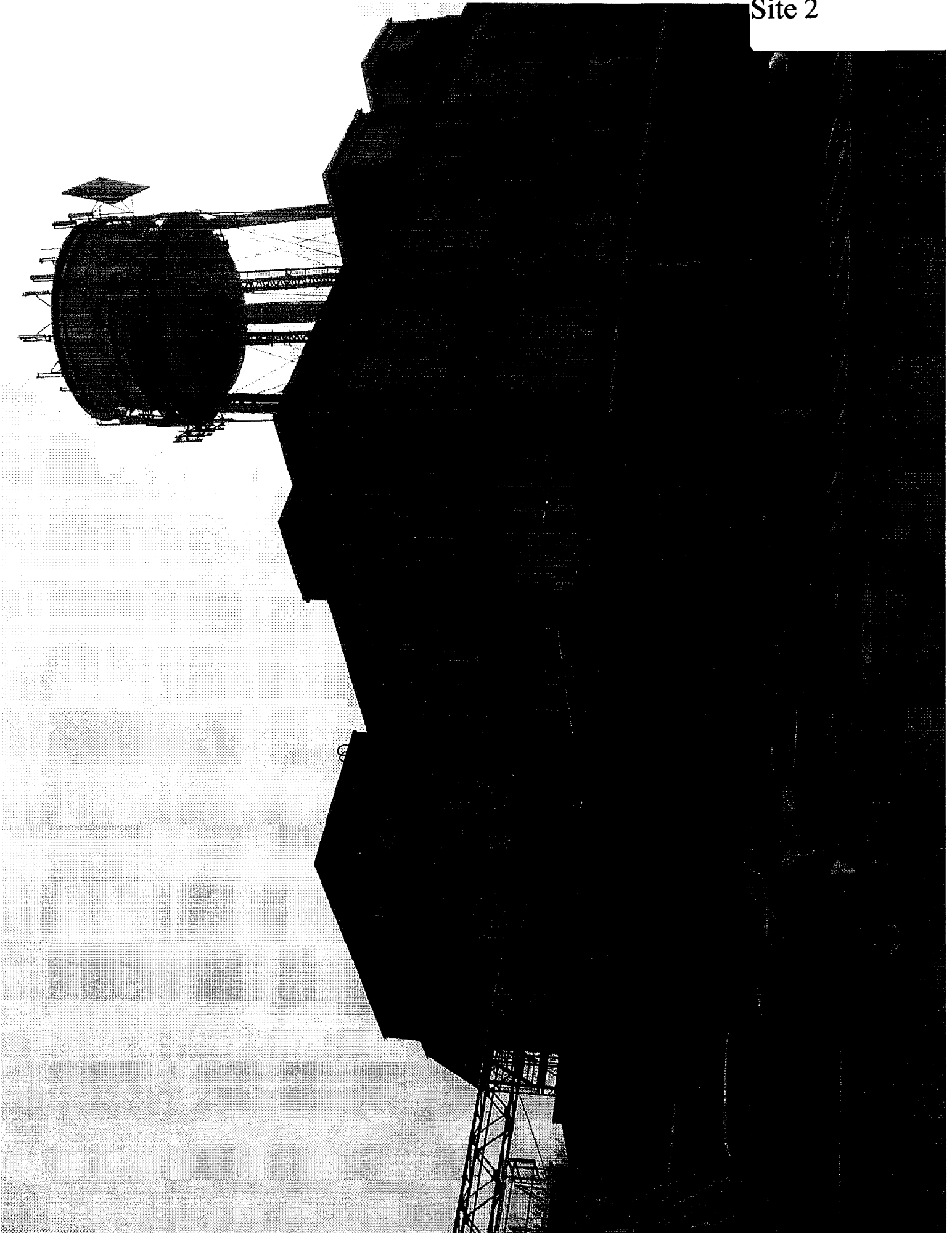

Richard A. Sambor, P.E.
Manager Facilities Design

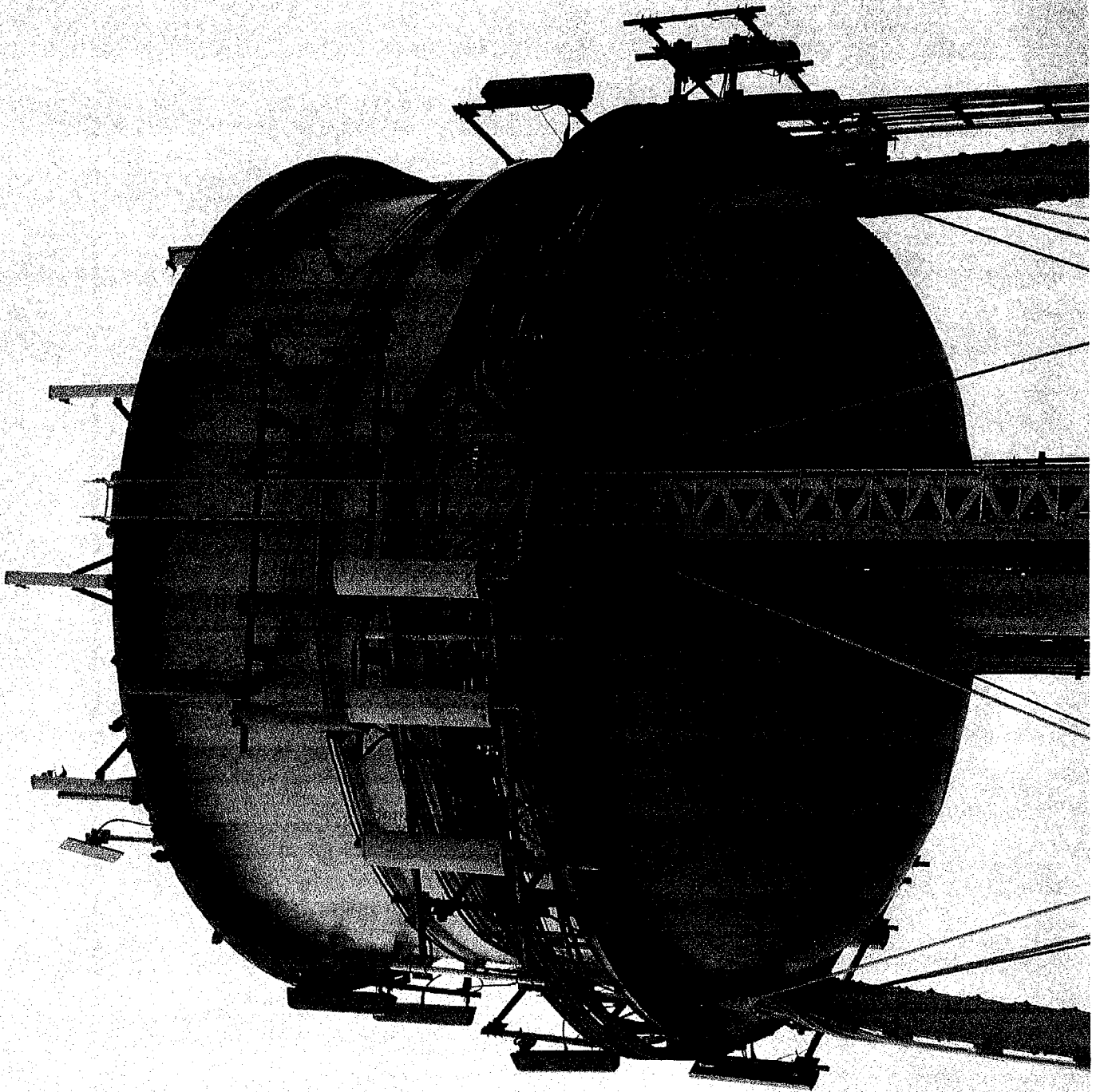


RAS/jek

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

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

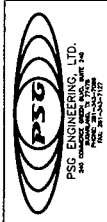




Site Specific Attachments

Site 3

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

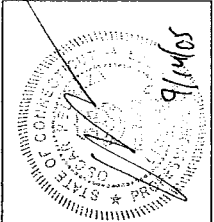


SITE NUMBER:
2151
SITE NAME:
NORWALK - NORTH
SITE ADDRESS:
177 WEST ROCKS RD
NORWALK, CT

IT IS A VIOLATION OF THE PROPRIETARY RIGHTS OF SAI COMMUNICATIONS, INC. TO REPRODUCE OR TRANSMIT THIS DOCUMENT UNLESS THEY ARE AUTHORIZED BY SAI COMMUNICATIONS, INC. A LICENSED PROFESSIONAL ENGINEER.

DRAWN BY: SA
CHECKED BY: SP
PROJECT NO.: 00044348-000007

| SUBMITTALS | |
|------------|----------|
| NO. | DATE |
| 1 | 07/10/08 |
| 2 | |
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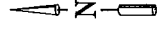
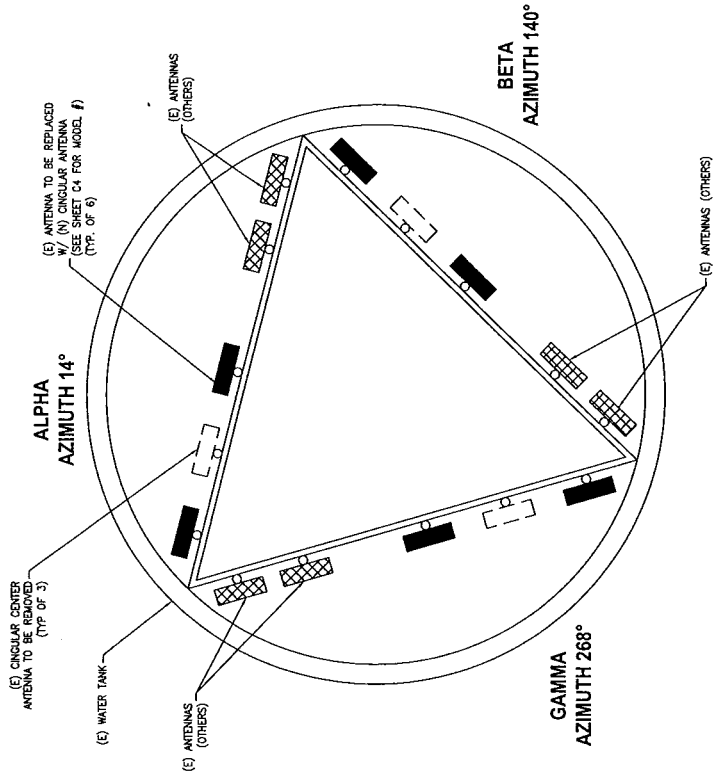


SHEET TITLE
SITE ELEVATION & ANT PLAN

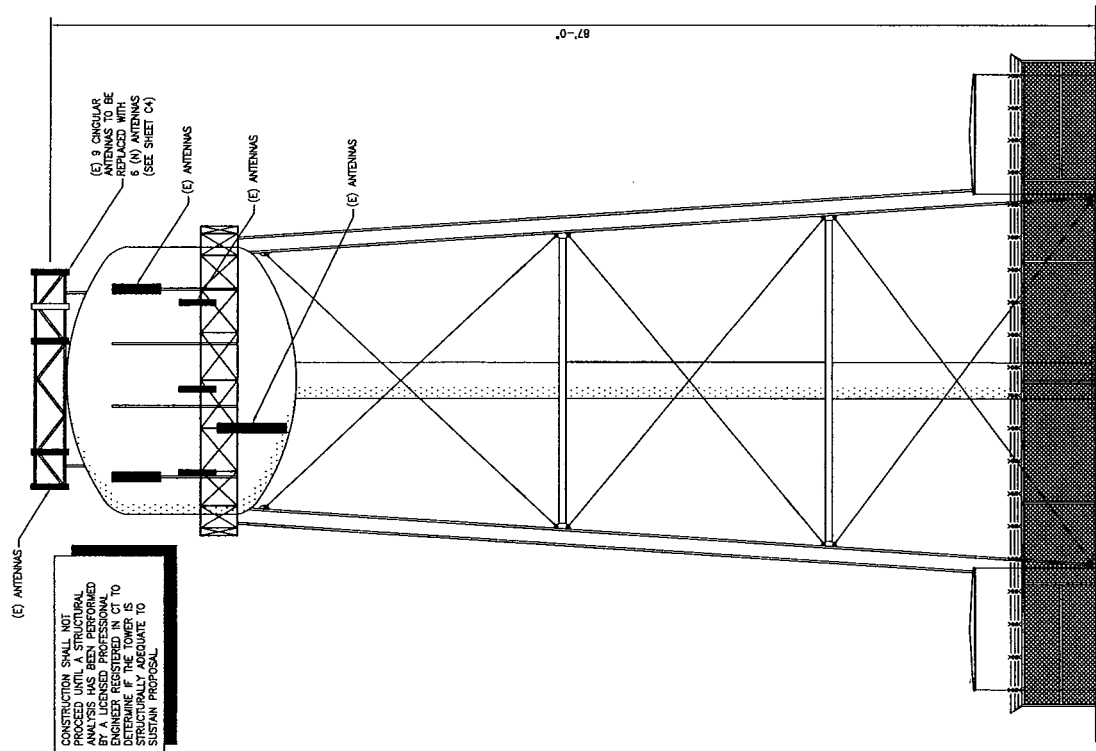
SHEET NUMBER
C2

PURPOSE OF THESE DESIGN DOCUMENTS ARE FOR 8 ANTENNA REPLACEMENTS, 6 (N) ANTENNAS AND 3 PROPOSED "A" COAXIAL CABLES FOR CINGULAR WIRELESS.

NOTE: EXISTING ANTENNAS NOT SHOWN FOR CLARITY. WATER TOWER IS SHOWN DIAGRAMMATICALLY AND IS NOT TO SCALE.



ANTENNA PLAN VIEW
2
C2
SCALE: 1:1x17 - NTS
SCALE: 2:2x34 - NTS



CONSTRUCTION SHALL NOT PROCEED UNTIL A STRUCTURAL ANALYSIS HAS BEEN PERFORMED BY A LICENSED PROFESSIONAL ENGINEER TO DETERMINE IF THE TOWER IS STRUCTURALLY ADEQUATE TO SUSTAIN PROPOSAL.

SITE ELEVATION
1
C2
SCALE: 1:1x17 - NTS
SCALE: 2:2x34 - NTS



December 8, 2005

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

Reference: Proposed Upgrade
Cingular Wireless Site No: 2151
Site Name: Norwalk – North
177 West Rocks Road, Norwalk, CT
URS Project Number: SAI-008 / 36915468

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 2, 2005 in order to assess the site and gather information on the existing conditions. The existing antennas are located on pipe mounts on the catwalk of the water tank. The water tank and antenna mounts have the capacity to support the removal of (1) RS90-12 antenna per sector and the installation of (2) Powerwave 7770.00 antennas, (2) Powerwave LGP21401 TMA's, (2) Powerwave LGP 13519 diplexers, and (1) 1 1/4" coaxial cable per sector. This site has three sectors of antennas with one antenna per sector. Additional mounts need to be designed to support the second antenna per sector.

This determination is based on requirements of the Connecticut State Building Code dated 1999 and the latest supplements and amendments. This determination is also based upon the original site having been designed, fabricated and installed in compliance with construction documents and State Building Codes.

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

Sincerely,

URS Corporation


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



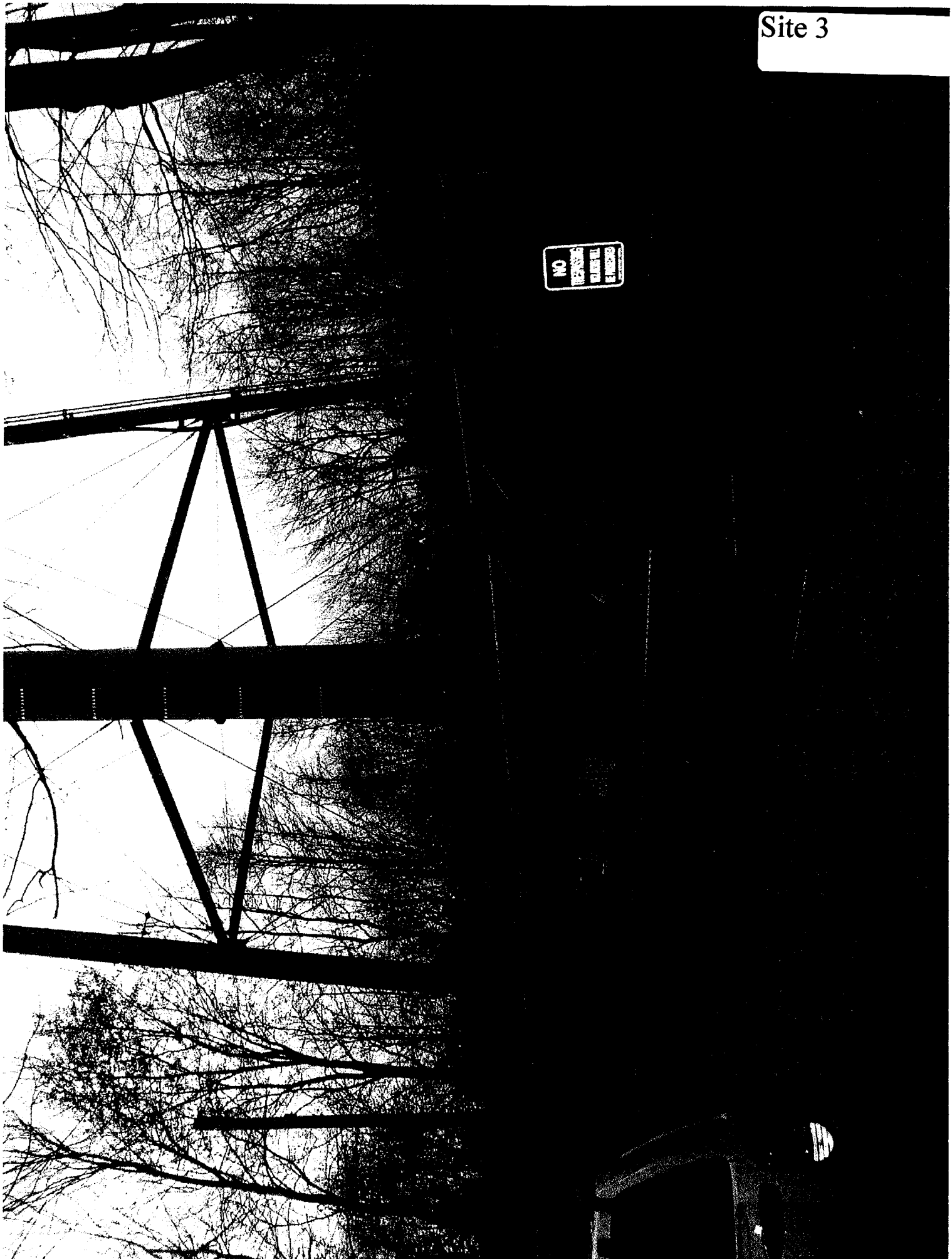
RAS/jek

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

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

Site 3

NO
OPENING
DURING
E. 100000



Site 3



Letters to Chief
Elected Officials



December 14, 2005

Honorable Kenneth A. Flatto, First Selectman
Town of Fairfield
Sullivan Independence Hall
725 Old Post Road
Fairfield, CT 06824

**Re: Notice of Exempt Modifications to Various Facilities in the
Towns of Fairfield, Stamford and Norwalk, Connecticut**

Dear Mr. Flatto,

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,

A handwritten signature in black ink, appearing to read 'David S. Malko', written in a cursive style.

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

Enclosure

December 14, 2005

Honorable Alex A. Knopp, Mayor
Office of Mayor & City Clerk
City of Norwalk
125 East Avenue
P.O. Box 5125
Norwalk, CT 06856-5125

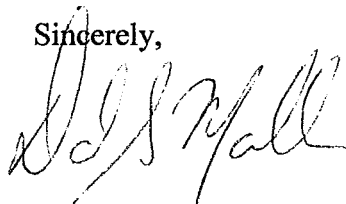
**Re: Notice of Exempt Modifications to Various Facilities in the
Towns of Fairfield, Stamford and Norwalk, Connecticut**

Dear Mr. Knopp,

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).

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Sincerely,



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

Enclosure



December 14, 2005

Honorable Dannel P. Malloy, Mayor
City of Stamford
10th Floor Govt Ctr.
888 Washington Blvd.
Stamford, CT 06902

**Re: Notice of Exempt Modifications to Various Facilities in the
Towns of Fairfield, Stamford and Norwalk, Connecticut**

Dear Mr. Malloy,

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,

A handwritten signature in black ink, appearing to read 'D. S. Malko', written over a faint, larger version of the same signature.

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

Enclosure

NORWALK PLANNING & ZONING OFFICE

Norwalk City Hall

125 East Avenue P.O. Box 5125

Norwalk, CT 06856-5125

RECEIVED
JAN - 3 2006

CONNECTICUT
SITING COUNCIL

Michael Perrone

Siting Analyst

at. Siting Council

Phone: () _____ Fax: (860) 827-2943

2950
(sorry!)

FROM: Dori Wilson, Senior Planner
Norwalk Planning & Zoning Office
125 East Avenue P.O. Box 5125
Norwalk, CT 06856-5125

Phone: (203) 854-7954 Fax:(203) 854-7958

No. of Pages (inc cover sheet): 4 Date Sent: 1/3/06

Re: EM-CING-051-135-103
051214

Mike

Attached please find our
comments regarding above-referenced
application. We would like to restore
the 5 tree buffer at this location.

OK to use another type of evergreen
such as spruce or fir since hemlocks
are difficult to maintain. Please call
me with any questions.

Dori Wilson



ZONING COMMISSION

January 3, 2006

Ms. Pamela B. Katz, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: EM – CING – 051-135-103 - 051214 -- New Cingular Wireless, LLC Modification of an existing telecommunications facility located at 177 West Rocks Road Norwalk, Connecticut

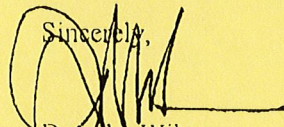
Dear Ms. Katz;

This letter is in response to notification we received from your office regarding the applicant's filing of the above-referenced modification to an existing tower located at 177 West Rocks Road in Norwalk, previously approved by the Siting Council on July 15, 1992 (Petition #284) and subsequently amended.

Please note that the property address for this facility is incorrect. The facility is located on the south side of the Merritt Parkway and the west side of West Rocks Road. The correct address is 173 West Rocks Road (District 5, Block 22A, Lot 18) and the property owner is First Water District. Please revise your records accordingly.

In accordance with the original conditions of approval associated with the special permit and above-referenced petition, we request that the applicant be responsible for the maintenance of the five hemlock trees planted in 1992 to screen the facility from residential neighbors across West Rocks Road. On a field visit last month, we noted that the southern most tree has been damaged and is in need of replacement and it appeared that another trees was missing. We are therefore requesting that the applicant plant the appropriate number of suitably sized replacement tree to restore the buffer as originally approved (see attached special permit). In addition, the applicant should be responsible for the maintenance and repair (as needed) of the existing chain link fence enclosure, including the removal of weeds and debris in and around the enclosure. Finally, as with previous applications, please request that any replacement antennas are of a color that matches the existing water tower to which they will be attached.

This office can provide additional details on the suggested improvements, if requested. Please call me at (203) 854-7780, if you have any questions regarding the above.

Sincerely,

Dorothy Wilson
Senior Planner

cc. Richard Moccia, Mayor, City of Norwalk
David S. Malko, P.E.

SPECIAL PERMIT FOR

VOL 2615 PAGE 131

PETITION #284

NORWALK ZONING COMMISSION
CITY HALL - 125 EAST AVENUE
NORWALK, CONNECTICUT

783

CERTIFICATE OF SPECIAL PERMIT

SPECIAL PERMIT NUMBER 16-91SP

TOWN CLERK 'S NO. _____

I, William Faulds, Secretary, Norwalk Zoning Commission, do hereby certify that a regular meeting of the Zoning Commission was held on January 15, 1991 on the following application:

Special Permit #16-91, Application by Metro Mobile to install antennae and a storage building at 177 West Rocks Road.

In determination of the above matter the Zoning Commission adopted the following resolution:

RESOLVED that Special Permit Application #16-91SP Metro Mobile at 177 West Rocks Road for construction of a 14'x40' one story radio equipment shelter and attachment of cellular telecommunication transmit and receive antennas to an existing water tower as shown on plans prepared by Greiner, Inc. dated October, 1991 be approved subject to the following conditions:

- 1) That five (5) hemlock trees six (6') each in height be planted along West Rocks Road and eight hemlocks 4' in height be planted along the south side of the building;
- 2) That the building will be a muted color to be approved by the Plan Review Committee;
- 3) That the trees be planted before a Certificate of Zoning Compliance is issued;
- 4) That a Certificate of Special Permit be filed in the Town Clerk's Office; and
- 5) That the effective date of approval is January 24, 1992.

BE IT FURTHER RESOLVED that this application complies with the standards of Section 118-1450(c) and the A Residence Zone.

EXECUTED AT NORWALK, CONNECTICUT THIS 15 DAY OF Jan '92

William R. Faulds

William Faulds, Secretary

Received for Record

January 24,

A. D. 19 92

at 9:24 A.M. and recorded by

Mary O. Keegan

Town Clerk

-2-



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

Petition No. 284
Staff Report
July 15, 1992

RE: PETITION NO. 284 - Metro Mobile CTS of Fairfield County, Inc., petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the installation of cellular telecommunications antennas and associated equipment on an existing water tank located at 177 West Rock Road, Norwalk, Connecticut.

On July 13, 1992, Chairman Mortimer A. Gelston of the Connecticut Siting Council, and Joel Rinebold of the Council's staff met James Walz, Blake Haskell, and Phillip Diana of Metro Mobile CTS of Fairfield County, Inc. (Metro Mobile) for a field review of this petition. Metro Mobile is petitioning the Council under the regulations of State Agencies 16-50j-38 through 40 for a declaratory ruling that the installation of certain cellular telecommunications antennas on the top and sides of an existing water tank and construction of an equipment building adjacent to the base of the water tank will not have a substantial adverse environmental effect and, therefore, does not require a Certificate of environmental compatibility and public need from the Council.

Metro Mobile proposes to install six panel antennas and two whip antennas on or around the top of water tank located at 77 West Rocks Road in Norwalk, Connecticut. Metro Mobile also proposes to construct a 14 foot by 40 foot equipment building within a fenced yard at the base of the water tank. The antennas will be attached directly to the water tank, which stands approximately 95 feet tall. The tops of the highest antennas will rise about 10 feet above the top of the water tank. Although the site and water tank are well screened by existing vegetation, Metro Mobile will plant trees between the building and West Rocks Road along the south side of the building, as requested by Town residents and the Norwalk Zoning Commission.

Metro Mobile has obtained a special permit from the Norwalk Zoning Commission for the proposed installation and operation of cellular equipment at the water tank site. A building permit has also been issued for the equipment building.

Metro Mobile contends that this project will have no effect on the ecology of the site, non-ionizing radio frequency will be far below the DEP State standard, the proposed installation will not increase noise levels at the site boundary by six decibels or more, and the site boundaries will not be expanded by the project.

In conclusion, Metro Mobile requests that the Council issue a determination that the proposed project will not have a substantial adverse environmental effect and, therefore, does not require a Certificate from the Council. Staff is in agreement with the contentions of Metro Mobile and recommends approval of this petition.

6228E