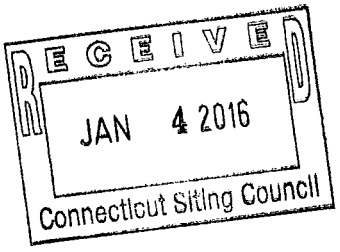
T··Mobile·

Please Reply To:
Sam Simons
35 Griffin Road South
Bloomfield, CT 06002
203-482-5156
Sam.Simons@T-Mobile.com

December 31, 2015



Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06501

Re: **EM-CING-034-110808** ✓
T-Mobile Site ID CT11195D
181 Clapboard Ridge Road, Danbury CT
Notice of Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on August 26, 2011. T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of July 9, 2014.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

cc: Mark Richard, T-Mobile

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@ct.gov
www.ct.gov/csc

August 26, 2011

Steven L. Levine, Real Estate Consultant
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: **EM-CING-034-110808** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 181 Clapboard Ridge Road, Danbury, Connecticut.

Dear Mr. Levine:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not less than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated August 8, 2011. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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 this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,

Linda Roberts

Linda Roberts
Executive Director

LR/CDM/laf

c: The Honorable Mark D. Boughton, Mayor, City of Danbury
Dennis Elpern, City Planner, City of Danbury
Hans Fiedler, T-Mobile USA, Inc.
Julie Kohler, Esq., Cohen and Wolf P.C.

CSC
CONNECTICUT SITING COUNCIL

EM-CING-034-110808

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

HAND DELIVERED

August 8, 2011

Ms. Linda Roberts
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing tele-communications facility located at 181 Clapboard Ridge Road, Danbury (owner T-Mobile)

Dear Ms. Roberts:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") and/or Long Term Evolution ("LTE") capabilities, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 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 site is located.

UMTS technology offers services to mobile computer and phone users anywhere in the world. Based on the Global System for Mobile ("GSM") communication standard, UMTS is the planned worldwide standard for mobile users. UMTS, fully implemented, gives computer and phone users high-speed access to the Internet as they travel. They have the same capabilities even when they roam, through both terrestrial wireless and satellite transmissions.

LTE is a new high-performance air interface for cellular mobile communications. It is designed to increase the capacity and speed of mobile telephone networks.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in AT&T's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

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

1. The height of the overall structure will be unaffected.

2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.

3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.

4. Radio frequency power density may increase due to use of one or more GSM channel for UMTS transmissions. Moreover, LTE will utilize additional radio frequencies newly-licensed by the FCC for cellular mobile communications. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, New Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 463-5511 with questions concerning this matter. Thank you for your consideration.

Sincerely,

Steven L. Levine
Real Estate Consultant

Attachments

APPROVED
By Aaron T. Chandler at 7:02 pm, Aug 01, 2011

Date: **July 29, 2011**

Kenneth Fann
T-Mobile Towers
12920 SE 38th Street
Bellevue, WA 98006
(425) 383-3978

Tower Engineering Professionals
3703 Junction Blvd
Raleigh, NC 27603
(919) 661-6351
rparker@tepgroup.net

Subject: **Structural Analysis Report**

Carrier Designation:	***AT&T Co-locate***	
	Carrier Site Number:	5535
	Carrier Site Name:	Danbury North
T-Mobile Designation:	**T-Mobile Site Number:**	CT11195D
	T-Mobile Site Name:	Danbury North/Rt. 37
Engineering Firm Designation:	**TEP Project Number:**	112823
Site Data:	**181 Clapboard Ridge Road, Danbury, Fairfield County, CT 06811** **Latitude *N 41° 26' 1.4"*, Longitude *W 73° 29' 34.4"*** **83'-8" Flag pole**	

Dear Mr. Fann,

Tower Engineering Professionals is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above mentioned tower.

The purpose of the analysis is to determine structural acceptability of the structure stress level. Based on our analysis we have determined the stress level for the structure and foundation, under the following load case, to be:

LC1: Existing + Proposed Equipment **Sufficient Capacity**
Note: See Table 1 for the existing and proposed loading.

Structure Capacity	Controlling Component
93.0%	Mast Section M3 (54.17' – 64.04')

The analysis has been performed in accordance with the ANSI/TIA/EIA-222-F-1996 Structural Standards for Steel Antenna Towers and Antenna Supporting Structures and the 2003 International Building Code with 2009 Connecticut Supplement.

All modifications and equipment proposed in this report shall be installed in accordance with the appurtenances listed in Table 1 for the determined available structural capacity to be effective.

We at *Tower Engineering Professionals* appreciate the opportunity of providing our continuing professional services to you and *T-Mobile Towers*. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:

Andrew T. Haldane, P.E.

STATE OF CONNECTICUT ANDREW T. HALDANE No. 26583 LICENSED PROFESSIONAL ENGINEER

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 83'-8" flag pole designed by Stealth in November of 2002. This tower was designed for a fastest mile wind speed of 85 mph with no ice, 74 mph with ½" ice, and 50 mph for twist and sway per EIA/TIA-222-F for the appurtenances listed in Table 2. TEP did not visit the site. All information provided to TEP was assumed accurate and complete.

2) ANALYSIS CRITERIA

The structural analysis was performed for this tower in accordance with the requirements of ANSI/TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph with no ice, 74 mph with ½" ice, and 50 mph under service loads for the appurtenances listed in Table 1.

Table 1 - Existing and Proposed Antenna and Cable Information

Existing/Future/Proposed	Elevation (Ft)	Qty	Antenna Model	Mount Type	Qty Coax	Coax Size	Coax Location	Owner/Tenant
Existing	85	1	Ball Truck	-	-	-	-	T-Mobile
Existing	84	1	12' x 18' flag	-	-	-	-	T-Mobile
Existing	80	3	RFS APX16DWV-16DWVS-A20	Inside Stealth	12	1-5/8	Inside	T-Mobile
		3	Ericsson KRY 112144 TMAs					
Proposed	***59***	***3***	***Powerwave P65-16-XLH-RR***	***Inside Stealth***	***6***	***7/8***	***Inside***	***AT&T***
		3	***CCI DTMABP7819G12A***					

Table 2 - Design Antenna and Cable Information

Mounting Level (ft)	Centerline Elevation (ft)	Number of Antennas	Antenna Model	Number of Coax	Coax Size	Coax Location
83.67	83.67	1	12-ft x 18-ft Flag	-	-	-
68.9	68.9	1	CELL-3C-100-30	-	-	-

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
Design Drawings	Stealth dated November 20, 2002, Job No: VOIC-20499W-02	-	T-Mobile
Structural Analysis	Paul J. Ford and Company dated June 19, 2008 Project No: 31908-0086	-	T-Mobile
Geotechnical Report	Jaworski Geotech, Inc. dated December 21, 2000, Project No: 00736G	-	T-Mobile
Correspondence	Correspondence from T-Mobile with regards to the existing and proposed loading, SAW dated June 20, 2011	-	T-Mobile

3.1) Analysis Method

RISATower (version 5.4.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were built in accordance with the manufacturer's specifications.
2) The tower and structures have been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Table 1.
4) Serviceability with respect to antenna twist, tilt, roll, or lateral translation, is not checked and is left to the carrier or tower owner to ensure conformance.
5) Calculations provided with top mast design drawings have a yield stress of 42 ksi for the top mast, which TEP used for this analysis. The concealment cylinders were increased in diameter per the 2008 analysis by Paul J. Ford and were considered installed in this analysis. TEP assumed the thickness of the top mast section to be 0.75 in per the Paul J. Ford structural analysis.
6) This report is not a construction document.

4) ANALYSIS RESULTS

Table 4 - Component Stresses vs. Capacity

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (lb)	SF*P_allow (lb)	% Capacity	Pass / Fail
M1	83.6667 - 73.7867	Pole	TEP #112823 3rd Canister	1	-621.683	415528.075	13.4	Pass
M2	73.7867 - 64.0367	Pole	TEP #112823 2nd Concealment	2	-1121.080	415528.075	45.9	Pass
M3	64.0367 - 54.1667	Pole	TEP #112823 1st Concealment	3	-1820.480	415528.075	93.0	Pass
L1	53.75 - 0	Pole	TP33.075x26.625x0.25	1	-6755.050	1354088.004	25.7	Pass
							Summary	
						Pole (M3)	93.0	Pass
						RATING =	**93.0**	**Pass**

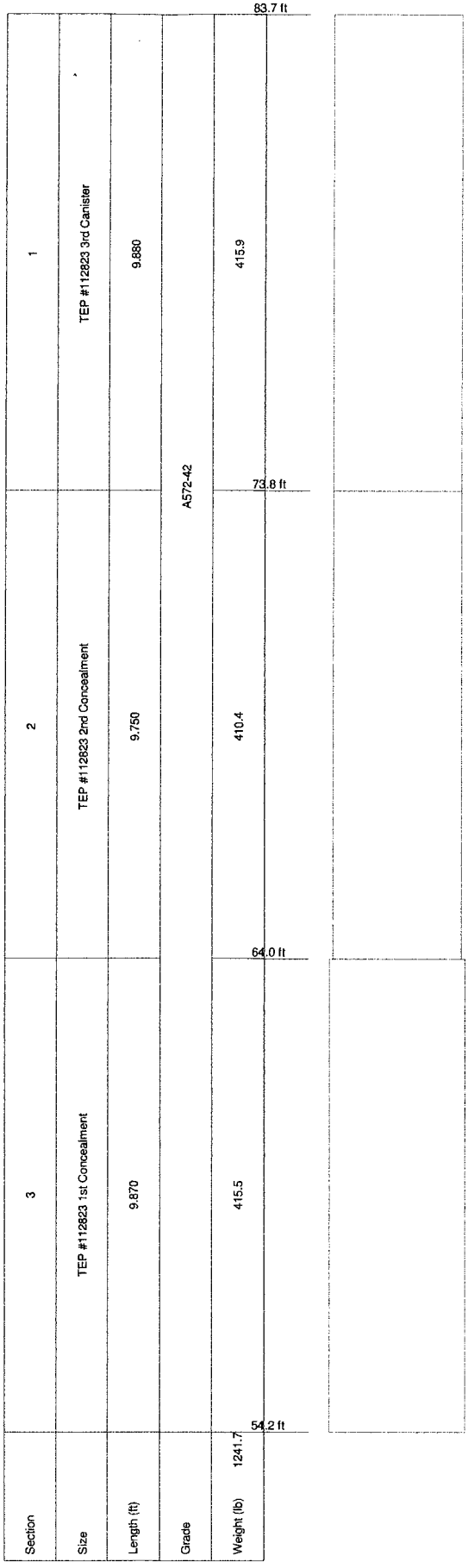
Table 5 - Component Stresses vs. Capacity - Foundation

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
-	Anchor Bolts	-	34.7	Pass
-	Base Plate	-	42.8	Pass
-	Exterior Flange Bolts	54.17	49.6	Pass
-	Base Foundation	-	65.5	Pass

Structure Rating (max from all components) =	**93.0%**

4.1) Recommendations

1) If the load differs from that described in Table 1 of this report, or the provisions of this analysis are found to be invalid, another structural analysis should be performed.



DESIGNED APPURTENANCE LOADING

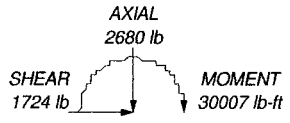
TYPE	ELEVATION	TYPE	ELEVATION
Ball Truck 24" DIA	83.6667	Flag 12' x 18'	77.6667
APX16DWV-16DWVS-C-A20	80	P65-16-XLH-RR	59
APX16DWV-16DWVS-C-A20	80	P65-16-XLH-RR	59
APX16DWV-16DWVS-C-A20	80	P65-16-XLH-RR	59
KRY 112 144/1	80	DTMA-18-19-DD-12 (TMA)	59
KRY 112 144/1	80	DTMA-18-19-DD-12 (TMA)	59
KRY 112 144/1	80	DTMA-18-19-DD-12 (TMA)	59

MATERIAL STRENGTH

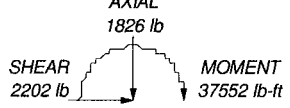
GRADE	Fy	Fu	GRADE	Fy	Fu
A572-42	42 ksi	60 ksi			

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for a 85 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 74 mph basic wind with 0.50 in ice.
4. Deflections are based upon a 50 mph wind.
5. TOWER RATING: 93%



74 mph WIND - 0.500 in ICE



REACTIONS - 85 mph WIND

Tower Engineering Professionals
3703 Junction Blvd.
Raleigh, NC 27603
Phone: (919) 661-6351
FAX: (919) 661-6350

Job: ***CT11195D - Danbury North (Upper Pole)***			
Project: ***TEP# 112823***			
Client: T-Mobile	Drawn by: Ryan Parker	App'd:	
Code: TIA/EIA-222-F	Date: 07/28/11	Scale: NTS	
Path: P:\2823_CT11195D\Southeast Files\Orig-Rev P\Upper Pole\CT11195D_Danbury North (Upper Pole).tnx		Dwg No. E-1	

The new at&t Your world. Delivered. cingular raising the bar

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

August 8, 2011

Honorable Mark D. Boughton
Mayor, City of Danbury
City Hall 155 Deer Hill Avenue
Danbury, CT 06810

Re: Telecommunications Facility – 181 Clapboard Ridge Road, Danbury

Dear Mr. Boughton:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("Cingular") will be changing its equipment configuration at certain cell sites.

As required by 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 Cingular's proposal. Please accept this letter 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 to the Siting Council fully describes Cingular's proposal for the referenced cell site. 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) 513-7636 or Ms. Linda Roberts, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine
Real Estate Consultant

Enclosure

CINGULAR WIRELESS
Equipment Modification

181 Clapboard Ridge Road, Danbury
Site Number 5535
Former AT&T Cell Site
Exempt Modifications approved 5/03, 9/08, and 10/08

Tower Owner/Manager: T-Mobile

Equipment configuration: Flagpole

Current and/or approved:
Three Powerwave 7770 antennas @ 62 ft c.l.
Six TMA's @ 62 ft
Six lines 7/8 inch coax
Existing concrete pads with outdoor cabinets
Retaining wall to support substrate of AT&T lease area

Planned Modifications:
Remove existing antennas and TMA's
Install three Powerwave P65-16-XLH-RR antennas @ 59ft
Install three CCI DTMABP7819G12A TMA's @ 59 ft
Install 2 ft x 8 ft concrete pad along northern retaining wall
Install three outdoor cabinets on existing and proposed concrete pads
Move northern fence line onto retaining wall (already part of AT&T's lease area)

Power Density:

Calculations for Cingular's current operations at the site indicate a radio frequency electromagnetic radiation power density, measured at the tower base, of approximately 54.7 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density for Cingular's planned operations would be approximately 65.7 % of the standard.

Existing

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							21.28
AT&T GSM	62	880 - 894	2	296	0.0554	0.5867	9.44
AT&T GSM	62	1900 Band	4	427	0.1598	1.0000	15.98
AT&T UMTS	62	880 - 894	1	500	0.0468	0.5867	7.97
Total							**54.7%**

* Per CSC records.

Proposed

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							21.28
AT&T GSM	59	880 - 894	2	296	0.0612	0.5867	10.42
AT&T GSM	59	1900 Band	1	427	0.0441	1.0000	4.41
AT&T UMTS	59	880 - 894	1	500	0.0516	0.5867	8.80
AT&T UMTS	59	1900 Band	2	500	0.1033	1.0000	10.33
AT&T LTE	59	740 - 746	1	500	0.0516	0.4933	10.47
Total							**65.7%**

* Per CSC records.

Structural information:

The attached structural analysis demonstrates that the tower and foundation have adequate structural capacity to accommodate the proposed modifications. (Tower Engineering Professionals, 7/29/11)

NEW CINGULAR WIRELESS PCS, LLC
WIRELESS COMMUNICATIONS FACILITY CT5535
DANBURY NORTH

179-181 CLAPBOARD RIDGE ROAD
DANBURY, CONNECTICUT

PROJECT SUMMARY

SITE NUMBER:	CT5535
SITE NAME:	DANBURY-NORTH
SITE ADDRESS:	179-181 CLAPBOARD RIDGE ROAD DANBURY, CT 06811
STRUCTURE OWNER:	T-MOBILE
APPLICANT:	NEW CINGULAR WIRELESS PCS, LLC 500 ENTERPRISE DRIVE ROCKY HILL, CT 06067
CONTACT:	MICHAEL D. FOLEY (203) 414-1184
COORDINATES:	41° 25' 59.85"N 73° 29' 33.0"W
HORIZONTAL DATUM:	NAD 83
ENGINEER:	CHA, INC. 2139 SILAS DEANE HIGHWAY SUITE 212 ROCKY HILL, CT 06067
CONTACT:	PAUL LUSITANI (860) 257-4557

DRIVING DIRECTIONS

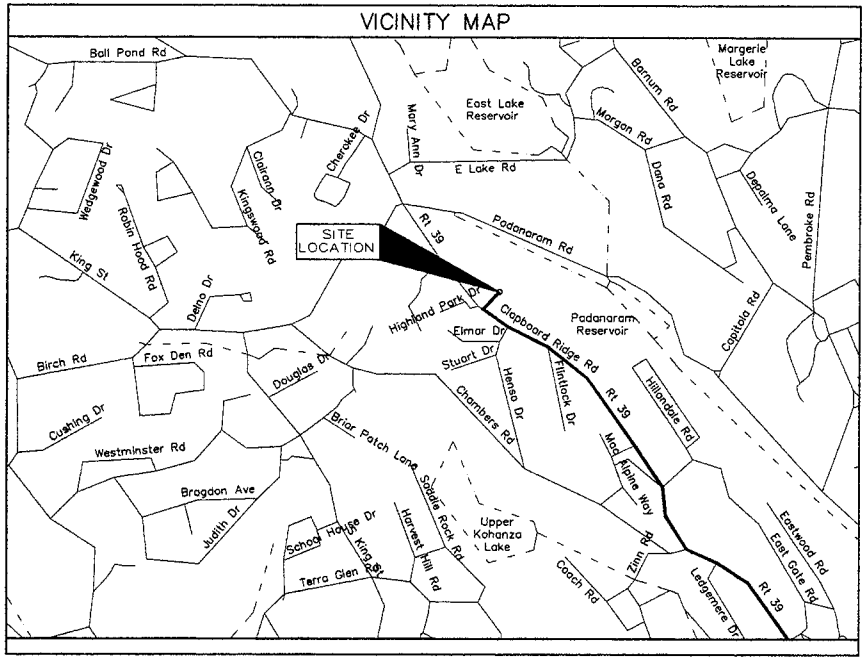
FROM HARTFORD:

1. MERGE ONTO I-84 W
2. TAKE EXIT 5 FOR CT-39 TOWARD CT-53/DOWNTOWN DANBURY/BETHEL
3. TURN LEFT AT CT-39 N/N MAIN ST
4. N MAINS STREET WILL BECOME CLAPBOARD RIDGE ROAD AFTER 0.1 MILES.
5. FOLLOW CLAPBOARD RIDGE ROAD (CT-39) 2.5 MILES TO DESTINATION.
6. FLAGPOLE WILL BE ON THE RIGHT

PROJECT DESCRIPTION

THIS PROJECT ADDS THREE ANTENNAS, SIX RRH, SURGE ARRESTORS, AND A RADIO CABINET TO AN EXISTING TELECOMMUNICATIONS SITE

VICINITY MAP



APRIL 14, 2011

SHEET INDEX

SHEET NO:	SHEET TITLE	REVISION HISTORY NO:	REVISION HISTORY DATE
T01	TITLE SHEET	1	04 / 14 / 11
C01	COMPOUND PLAN	1	04 / 14 / 11
C02	EQUIPMENT PLAN	1	04 / 14 / 11
C03	ELEVATION AND ANTENNA PLAN	1	04 / 14 / 11
C04	STRUCTURAL DETAILS	1	04 / 14 / 11
C05	STRUCTURAL DETAILS	1	04 / 14 / 11
E01	GROUNDING DETAILS & PLUMBING DIAGRAM	1	04 / 14 / 11
GN01	GENERAL NOTES	1	04 / 14 / 11
GN02	GENERAL NOTES	1	04 / 14 / 11

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

CALL before you DIG
FOR CT 1-800-922-4455

at&t
Your world. Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA
2139 Silas Deane Highway, Suite 212 - Rocky Hill, CT 06067-2338
Metro (860) 257-4557 - www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

NO.	SUBMITTAL		
0	03/29/11	ISSUED FOR REVIEW	
	BY: TAO	CHK: PAL	APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION	
	BY: PAL	CHK: PAL	APP'D: JPS

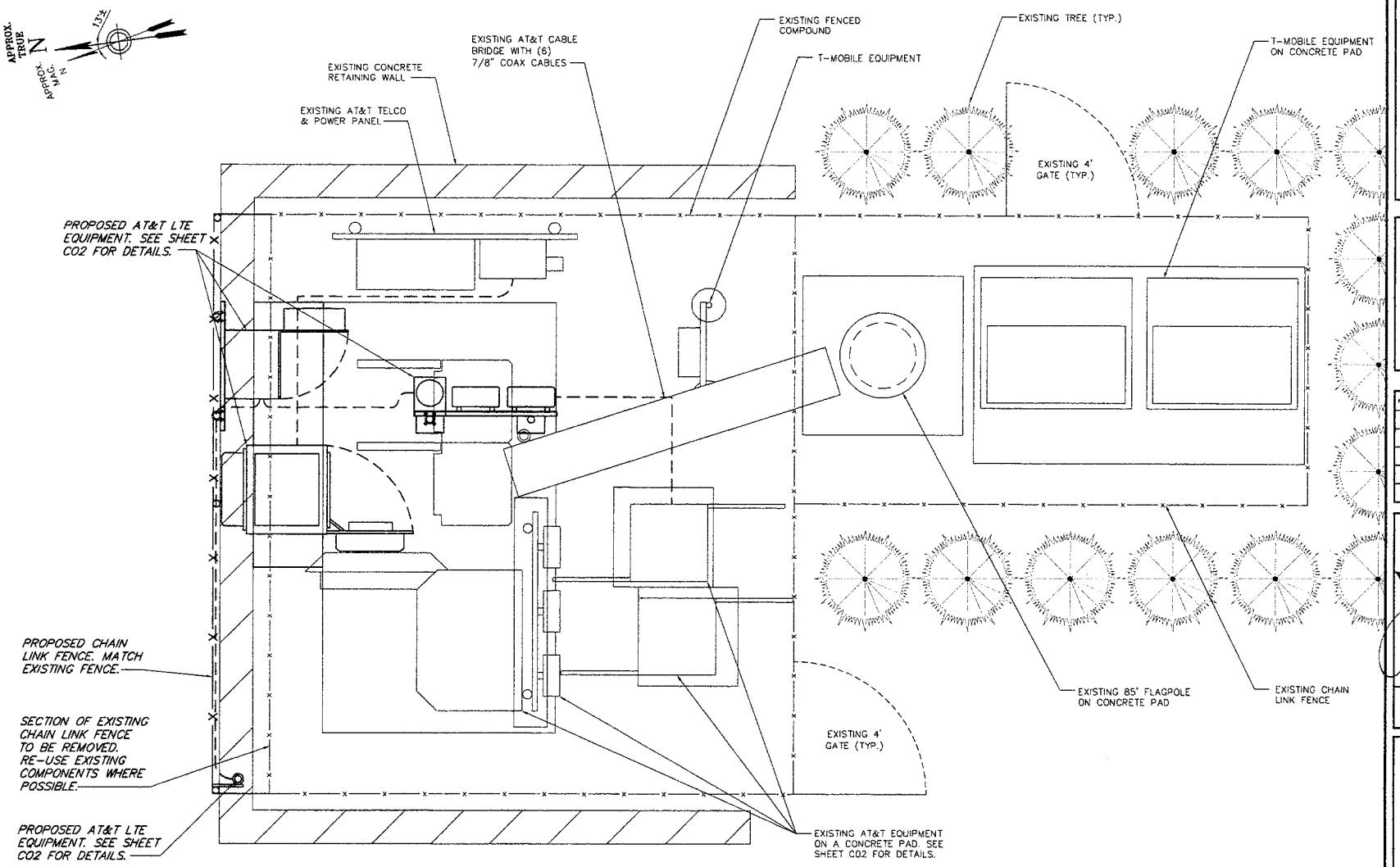
STATE OF CONNECTICUT
JOHN P. SOBIESKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T01



1 C01 SITE PLAN

NOTE:
1. PLANS BASED ON A SITE VISIT BY CHA ON MARCH 09, 2011, AND DRAWINGS PREPARED BY HUDSON DESIGN GROUP, LLC, LAST DATED 09/04/08.

GRAPHIC SCALE
3 0 1.5 3
IN FEET

at&t
Your world. Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA
2139 Silas Deane Highway, Suite 212 · Rocky Hill, CT 06067-2338
Metro: (860) 247-4827 · www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

NO.	SUBMITTAL		
0	03/29/11	ISSUED FOR REVIEW	
	BY: TAO	CHK: PAL	APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION	
	BY: PAL	CHK: PAL	APP'D: JPS

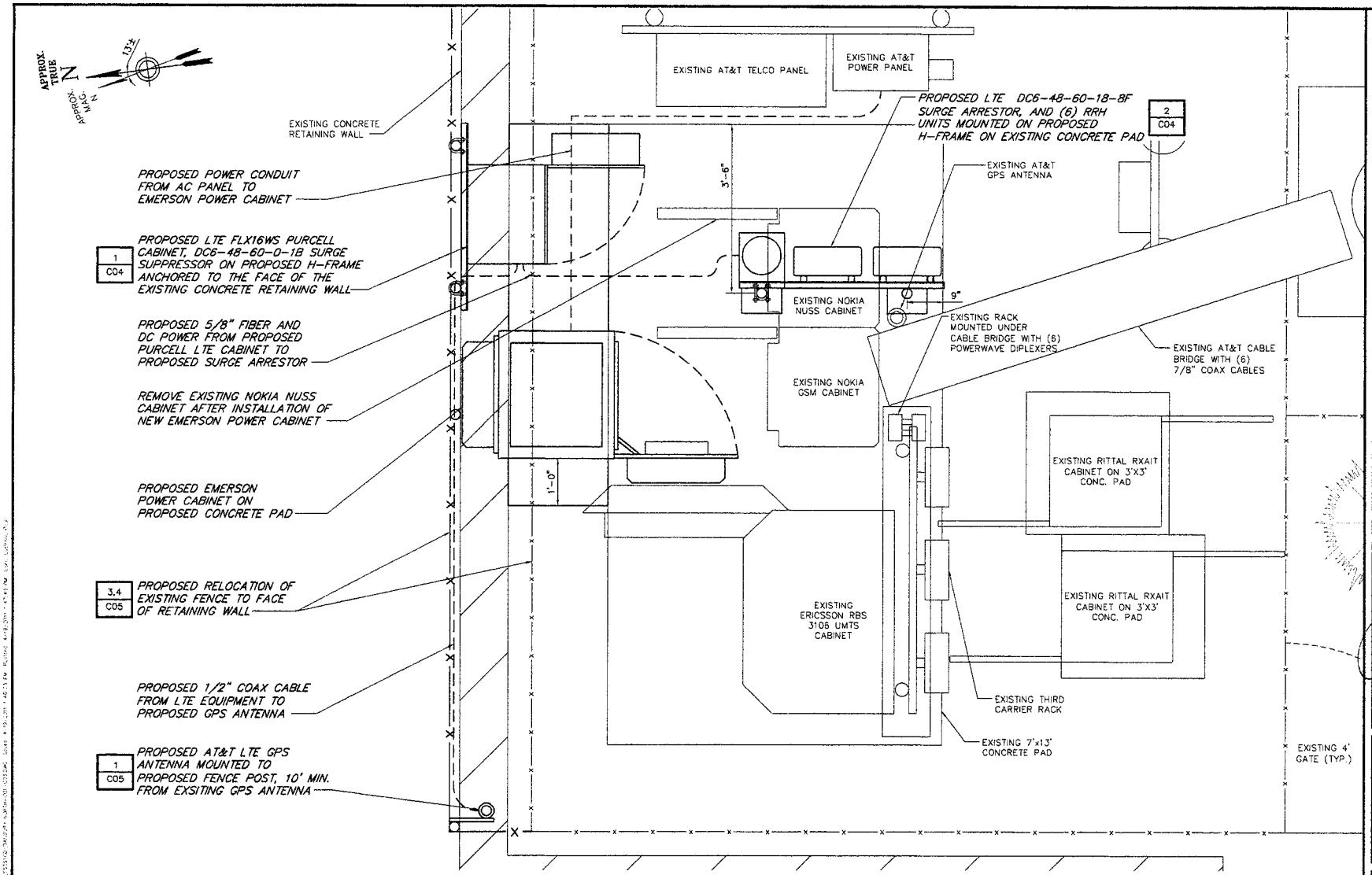
STATE OF CONNECTICUT
JOHN P. SOBIECKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
C01



1 C02 EQUIPMENT PLAN

GRAPHIC SCALE

2 0 1 2

IN FEET

at&t
Your world, Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA

2139 Silas Deane Highway, Suite 212 · Rocky Hill, CT 06067-2336
Main: (860) 257-4557 · www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

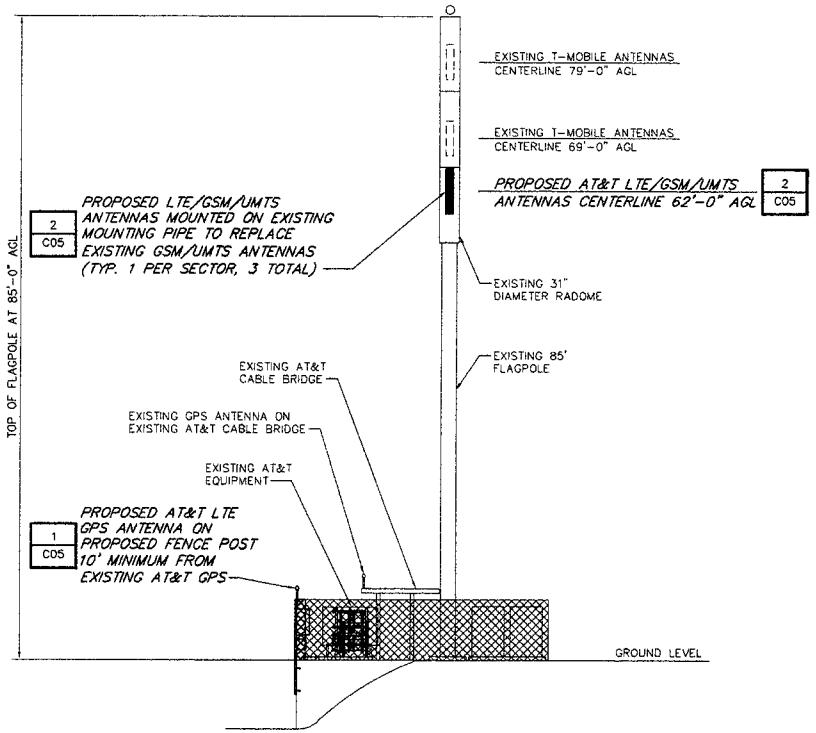
NO.	SUBMITTAL	
0	03/29/11	ISSUED FOR REVIEW
	BY: TAD	CHK: PAL APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION
	BY: PAL	CHK: PAL APP'D: JPS

STATE OF CONNECTICUT
JOHN P. SOBIESKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

SHEET TITLE
EQUIPMENT PLAN

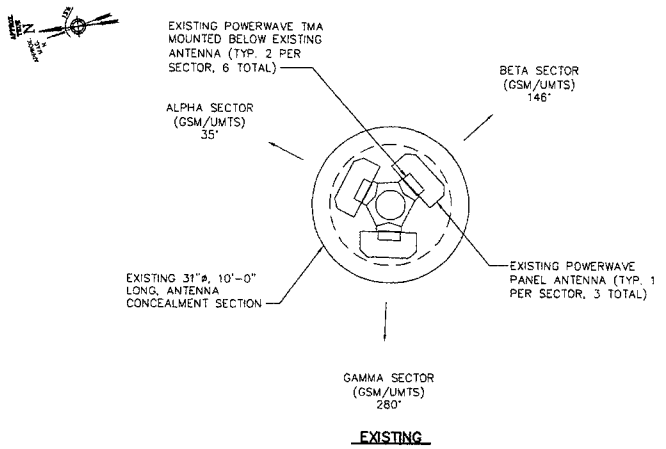
SHEET NUMBER
C02



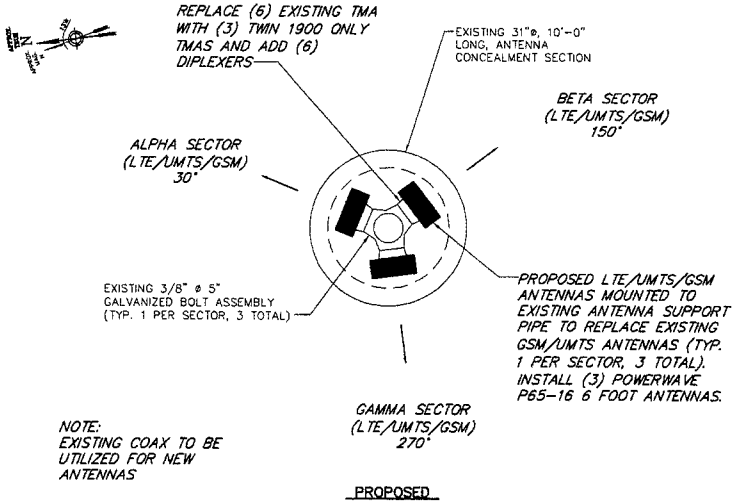
1 C03 **TOWER ELEVATION**
SCALE: 1" = 8' FULL SIZE
1" = 16' 11 X 17

GRAPHIC SCALE
16 0 8 16
IN FEET

NOTE:
A STRUCTURAL ANALYSIS OF THE EXISTING TOWER HAS NOT BEEN PERFORMED. AN ANALYSIS OF THE EXISTING STRUCTURE MUST BE PERFORMED PRIOR TO CONSTRUCTION TO CONFIRM STRUCTURE IS CAPABLE OF SUPPORTING PROPOSED LOADS.



EXISTING



NOTE:
EXISTING COAX TO BE UTILIZED FOR NEW ANTENNAS

PROPOSED

2 C03 **ANTENNA PLANS**
SCALE: N.T.S.

NOTE:
REFER TO FINAL RFDS FOR FINAL SECTOR CONFIGURATIONS.

at&t
Your world. Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA
2139 Silas Deane Highway, Suite 212 · Rocky Hill, CT 06067-2336
Main: (860) 257-4500 · www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

NO.	SUBMITTAL		
0	03/29/11	ISSUED FOR REVIEW	
	BY: TAO	CHK: PAL	APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION	
	BY: PAL	CHK: PAL	APP'D: JPS

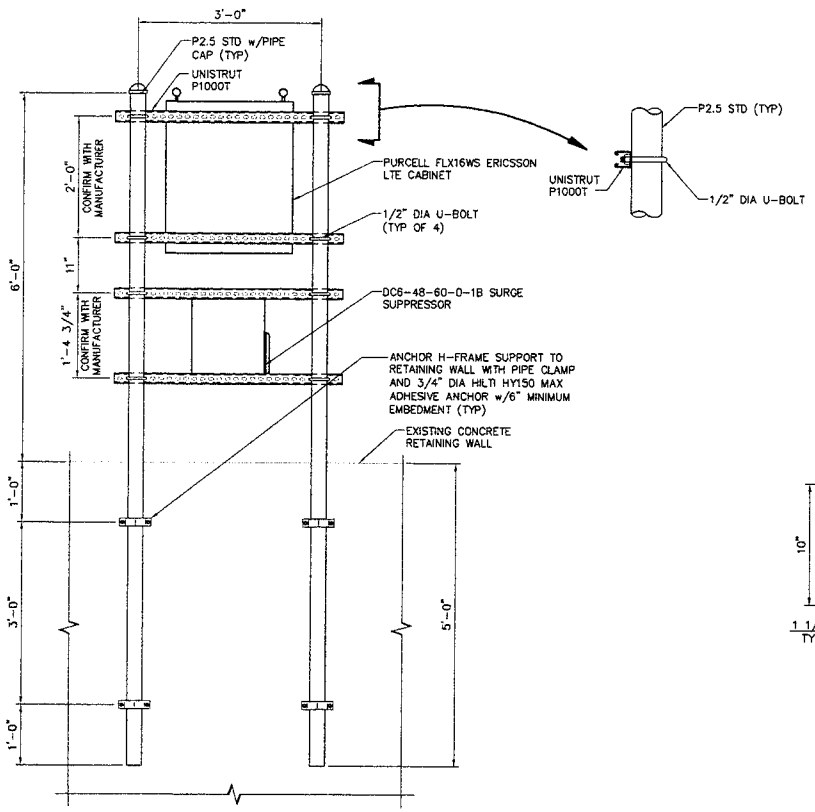
STATE OF CONNECTICUT
JOHN P. SOBIECKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

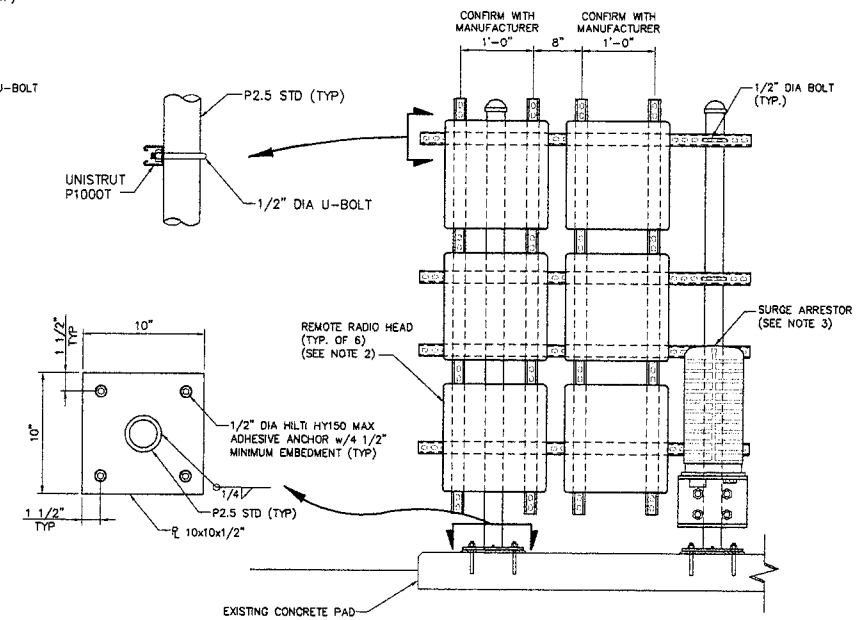
SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

SHEET TITLE
ELEVATION AND ANTENNA PLAN

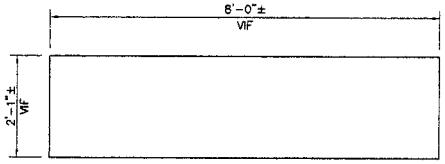
SHEET NUMBER
C03



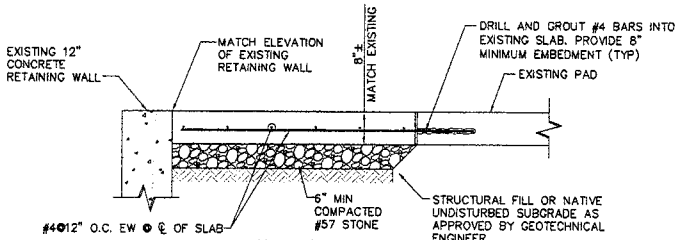
1 C04 AT&T EQUIPMENT MOUNTING DETAIL
SCALE: NTS



2 C04 AT&T RRU AND SURGE ARRESTOR MOUNTING DETAIL
SCALE: NTS



PLAN



ELEVATION

3 C04 CONCRETE PAD DETAIL
SCALE: NTS

at&t
Your world. Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA
2139 Silas Deane Highway, Suite 212 · Rocky Hill, CT 06067-2336
Main: (860) 257-4557 · www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

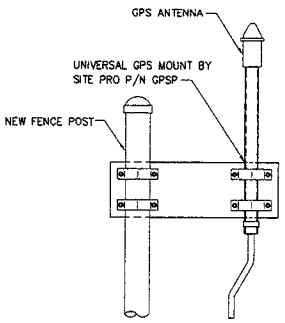
NO.	SUBMITTAL		
0	03/09/11	ISSUED FOR REVIEW	
	BY: TAD	CHK: PAL	APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION	
	BY: PAL	CHK: PAL	APP'D: JPS

STATE OF CONNECTICUT
JOHN P. SOBIESKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

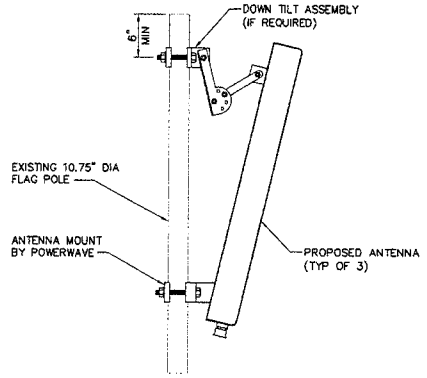
SHEET TITLE
STRUCTURAL DETAILS

SHEET NUMBER
C04



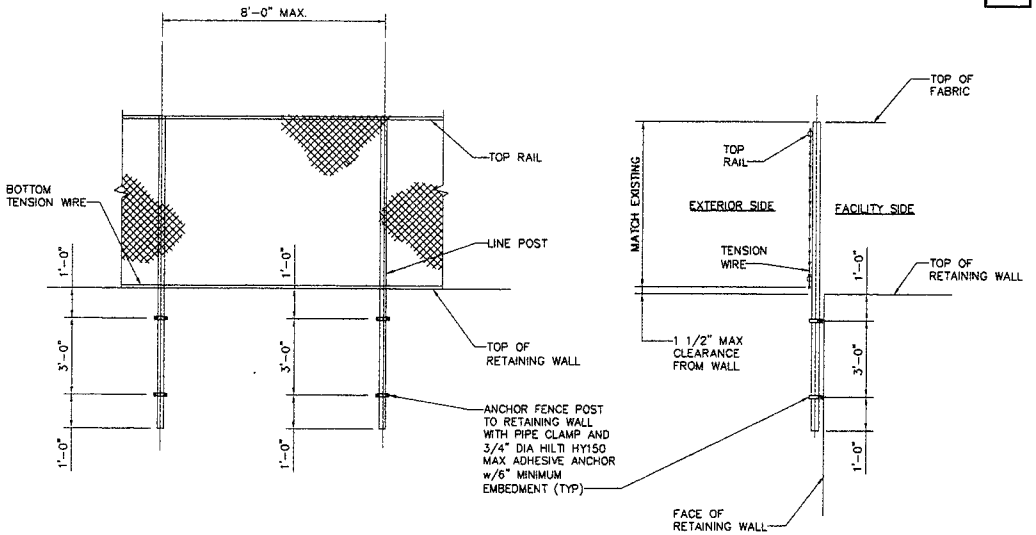
NOTE:
1. THE WEIGHT OF THE ANTENNA MOUNT IS 6.5 LBS.

1 C05 GPS MOUNTING DETAIL
SCALE: NTS



NOTE:
1. MOUNT ANTENNA IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURE.
2. USE EXISTING PIPE MOUNT IF AVAILABLE.

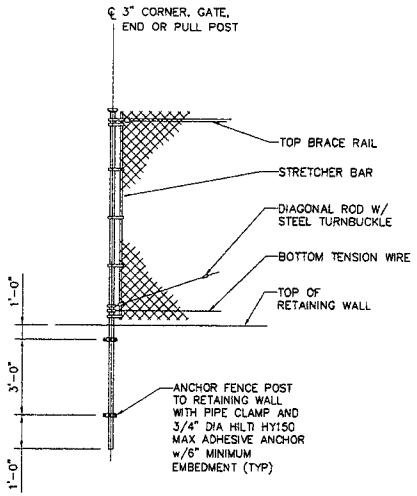
2 C05 TYPICAL ANTENNA MOUNTING DETAIL
SCALE: NTS



TYPICAL ELEVATION

TYPICAL SECTION

3 C05 WOVEN WIRE FENCE
SCALE: NTS



4 C05 WOVEN WIRE CORNER, GATE, END OR PULL POST
SCALE: NTS

at&t
Your world. Delivered.

NEW CINGULAR WIRELESS PCS, LLC
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

CHA
2139 Silas Deane Highway, Suite 212 · Rocky Hill, CT 06067-2336
Main: (860) 257-4527 · www.chacompanies.com

CHA PROJECT NO:
22702 - 1041 - 43000

NO.	SUBMITTAL		
0	03/29/11	ISSUED FOR REVIEW	
	BY: TAO	CHK: PAL	APP'D: JPS
1	04/14/11	ISSUED FOR CONSTRUCTION	
	BY: PAL	CHK: PAL	APP'D: JPS

STATE OF CONNECTICUT
JOHN P. SOBIESKI
No. 17827
LICENSED PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:
CT5535
SITE NAME:
DANBURY-NORTH
SITE ADDRESS:
179-181 CLAPBOARD RIDGE ROAD
DANBURY, CT 06811
FAIRFIELD COUNTY

SHEET TITLE
STRUCTURAL DETAILS

SHEET NUMBER
C05