



February 3, 2005

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

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-142-050118** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at Barbara Road, Tolland, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on February 2, 2005, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the condition that the baseplate is reinforced per drawing CT-0031-M1 of the structural analysis report sealed by Jason Seaverson, P.E. prior to the new antenna installation.

The proposed modifications are to be implemented as specified here and in your notice dated January 18, 2005, including the placement of all necessary equipment and shelters within the tower compound. 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. 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. 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 Richard Field, Chairman, Town Council, Town of Tolland
Linda Farmer, Town Planner, Town of Tolland
Melanie Girton, Property Management Dept., Spectrasite Communications
Stephen J. Humes, Esq., McCarter & English, LLP
Michele G. Briggs, New Cingular Wireless PCS, LLC
Thomas F. Flynn III, Nextel Communications, Inc.
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP

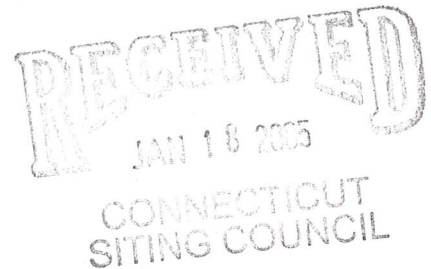
280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

EM-VER-142-050118

January 18, 2005

Via Hand Delivery

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



Re: **Notice of Exempt Modification – Antenna Swap
Barbara Road Telecommunications Facility
Tolland, Connecticut**

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains a wireless telecommunications facility, on an existing 150-foot tower, owned by SpectraSite, Barbara Road in Tolland. Existing antennas, currently above the top of the tower, include a canister mount containing T-Mobile antennas. Cellco’s facility consists of twelve (12) panel-type cellular antennas at the 142-foot level of the 150-foot tower. Equipment associated with the antennas is located in a shelter near the base of the tower.

The Connecticut Siting Council (“the Council”) approved Cellco’s shared use of the Barbara Road facility on August 1, 1996. Cellco now intends to modify its facility by removing three (3) cellular antennas and installing six (6) PCS antennas, for a total of fifteen antennas, at the same 142-foot level on the tower. Attached behind Tab 1 are specifications for the existing cellular antennas and the proposed PCS antennas for the Barbara Road facility.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Interim Town Manager, Peter Curry.

The planned modifications to the Barbara Road facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).



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HART1-1229658-1

ROBINSON & COLE_{LLP}

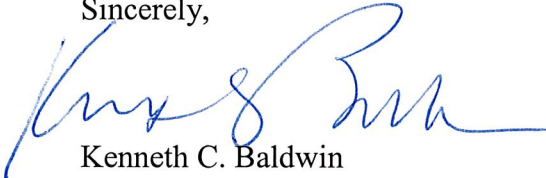
S. Derek Phelps
January 18, 2005
Page 2

1. The proposed modifications will not result in any increase in the overall height of the existing structure. Cellco's replacement antennas will be mounted at the same 142-foot level on the 150-foot tower.
2. The proposed modifications will not affect ground-mounted equipment and therefore, will not require the extension of the site boundaries.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more.
4. The proposed modifications will not result in radio frequency (RF) power density levels at the facility that exceed the Federal Communications Commission (FCC) adopted safety standard. Attached behind Tab 2 is a new Power Density Calculation Table.

Also attached behind Tab 3 is a structural report stating that the tower will be able to support the existing and proposed antennas and related equipment provided the tower baseplate is reinforced. Lastly, behind Tab 4 is a letter from SpectraSite confirming that the baseplate reinforcement improvements required were completed on December 30, 2004.

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Enclosures

cc: Peter Curry, Interim Town Manager
Sandy M. Carter



Swedcom Corporation

ALP 9212-N

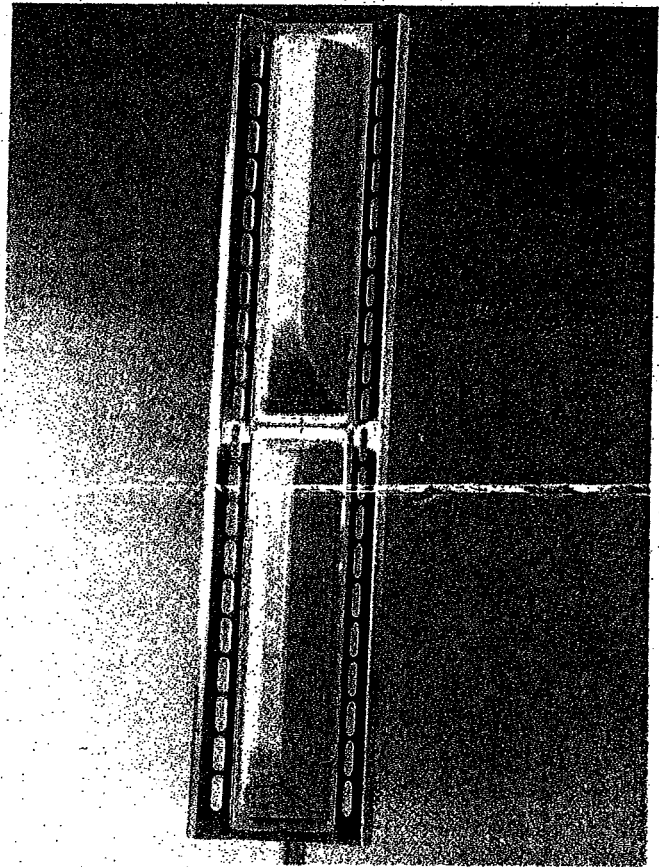
Log-Periodic Reflector Antenna

92 Degrees 12 dBd

Features:

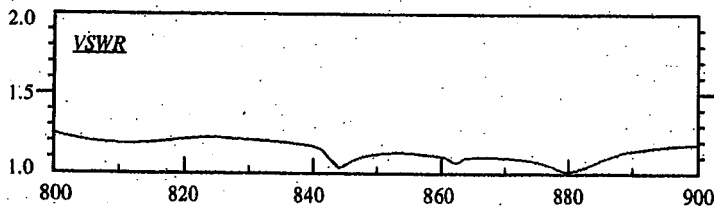
- Broadbanded. (800-900 MHz)
- Low backlobe radiation. Front-to-back ratio better than 28 dB
- Low Intermodulation Products.
- Low Wind-load.
- Low weight.
- Small size.
- Rugged design.

Please see the following pages including radiation patterns/tables for ALP 9212-N.



Electrical Specifications:

Frequency range:	806-896 MHz
Impedance:	50 ohm
Connector:	N-female or 7/8" EIA
VSWR:	Typ. 1.3:1 max 1.5:1
Polarization:	Vertical
Gain:	12 dBd
Front to back ratio:	>28 dB
Side-lobe suppression:	>18 dB
Intermodulation: (2x25W):	IM3 >146 dB IM5 >153 dB IM7 & IM9 >163 dB
Power Rating:	500 W
H-Plane:	-3 dB 95°
E-Plane:	-3 dB 15°
Lightning Protection:	DC Grounded



Mechanical Specifications:

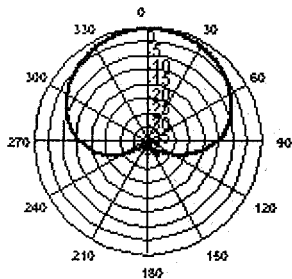
Overall Height:	52 in	(1320 mm)
Width:	11.4 in	(290 mm)
Depth:	11.4 in	(290 mm)
Weight including brackets:	26.7 lbs	(12 Kg)
Rated wind velocity:	113 mph	(180 Km/h)
Wind Area (CxA/Front):	3.9 sq.ft	(0.36 sq.m)
Lateral thrust at rated wind		
Worst case:	570 N	

Materials:

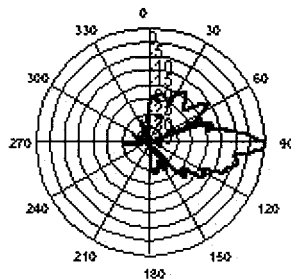
Radiating elements:	Aluminum
Element housing:	Grey PVC
Back-plate:	Aluminum
Mounting hardware	
clamps:	Hot dip galvanized steel
bolts:	Stainless steel

Manufactured by: Allgon System AB

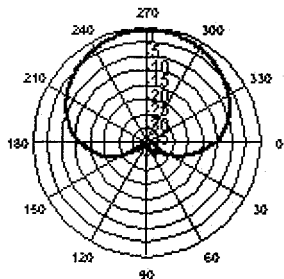
DECIBEL® Base Station Antennas	948F85T2E-M 16.1 dBi, Directed Dipole Antenna 1850-1990 MHz	1850-1990 MHz
		MaxFill™ dB Director®
<ul style="list-style-type: none"> • Exceptional azimuth roll-off reducing soft hand-offs and improving capacity • Excellent upper side lobe suppression • Deep null filling below the horizon assures improved signal intensity • Low profile appearance and low wind loading profile for easier zoning approvals 		850



Azimuth 1850 MHz (Tilt=2)



Vertical 1850 MHz (Tilt=2)



Horizontal 1850 MHz (Tilt=2)



ELECTRICAL		MECHANICAL	
Frequency (MHz):	1850-1990	Weight:	8.5 lbs (3.9 kg)
Polarization:	Vertical	Dimensions (LxWxD):	48 X 3.5 X 7 in (1219 X 89 X 178 mm)
Gain (dBd/dBi):	14/16.1	Max. Wind Area:	1.18 ft² (0.11 m²)
Azimuth BW:	85°	Max. Wind Load (@ 100mph):	65 lbf (289 N)
Elevation BW:	8°	Max. Wind Speed:	125 mph (201 km/h)
Beam Tilt:	2°	Radiator Material:	Low Loss Circuit Board
USLS* (dB):	>18	Reflector Material:	Aluminum
Null Fill* (dB):	15	Radome Material:	ABS, UV Resistant
Front-to-Back Ratio* (dB):	40	Mounting Hardware Material:	Galvanized Steel
VSWR:	<1.33:1	Connector Type:	7-16 DIN - Female (Bottom)
IM Suppression - Two 20 Watt Carriers:	-150 dBc	Color:	Light Gray
Impedance:	50 Ohms	Standard Mounting Hardware:	DB390 Pipe Mount Kit, included
Max Input Power:	250 Watts	Downtilt Mounting Hardware:	DB5098, optional
Lightning Protection:	DC Ground	Opt. Mounting Hardware:	DB5094-AZ Azimuth Wall Mount
Opt Electrical Tilt:	0°, 4°, 6°		



Andrew Corporation
8635 Stemmons Freeway
Dallas, Texas U.S.A 75247-3701
Tel: 214.631.0310

Fax: 214.631.4706
Toll Free Tel: 1.800.676.5342
Fax: 1.800.229.4706
www.andrew.com

Date: 4/29/2004
* - Indicates Typical Values

dbtech@andrew.com

General Power Density

Site Name: Tolland , CT
 Tower Height: 142 ft rad center

Operator	Operating Frequency (MHz)	Number of Trans.	ERP Per Trans. (watts)	Total ERP (watts)	Distance to Target (feet)	Calculated Power Density (mW/cm ²)	Maximum Permissible Exposure (mW/cm ²)	Fraction of MPE (%)
Verizon	869	9	200	1800	142	0.0321	0.5793	5.54%
Verizon	1900	3	200	600	142	0.0107	1	1.07%
Total Percentage of Maximum Permissible Exposure								6.61%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power
 Absolute worst case scenario, maximum values used.

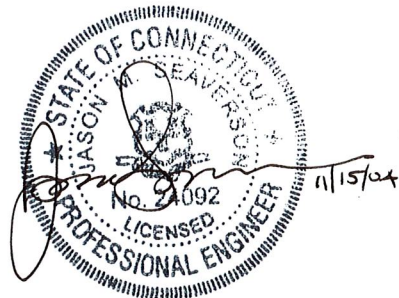


Structural Analysis Summary		
Tower Site	CT-0031 Tolland	App. ID: 104203-0
Address	5 Barbara Road Tolland, CT 06084 Tolland County	
Tower Height & Type	155 ft EEI Monopole	
Building Code	ANSI/TIA/EIA-222-F 85 mph w/ 0" radial ice	1996 BOCA National Building Code 85 mph w/ 0" radial ice 31 mph w/ 1-1/4" radial ice

Tower Information	
Tower Geometry	EEI Dwg. No. GS50842, dated 03/03/98
Foundation	EEI Dwg. No. F3503-150N, dated 03/02/98

Results Summary*	
Tower Structure	<i>Adequate</i>
Anchor Bolts	<i>Adequate</i>
Base Plate	<i>Inadequate; See Conclusions and Recommendations</i>
Foundation	<i>Adequate</i>

* See following pages for detailed analysis results.



Analysis prepared by:
Scott Wirgau, E.I.
Engineering Associate
Contact (919) 466-5086
with any questions.

SpectraSite Structural Analysis

Jason M. Seaverson, P.E.
Senior Design Engineer

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Connecticut

Page 1 of 3

1.0 Introduction

A structural analysis was performed on the above noted tower for the addition of proposed antennas as listed. The analysis consisted of applying the forces caused by the existing and proposed loads, and determining the resulting stresses in the structure and its foundation.

1.1 Existing and Proposed Antennas

ELEVATION (Ft. A.G.L.)	ANTENNA	CARRIER	COAX	I/O*	NOTES
163.3	(3) EMS RR90-17-02DP on Canister Mount	T-Mobile	(6) 1-5/8"	I	Existing
155	(1) 7' Omni on Platform w/ Handrails	Arch Wireless	(1) 7/8"	I	Existing
150	(9) CSS DUO4-8670 on Platform w/ Handrails	Cingular	(9) 1-1/4"	I	Existing
142	(9) Swedcom ALP-9212 on Platform w/ Handrails	Verizon	(9) 1-5/8"	I	Existing
142	(3) Swedcom ALP-9212 on Platform w/ Handrails	Verizon	(3) 1-5/8"	I	Remove Existing
142	(6) Decibel 948F85T2E-M on Existing Platform w/ Handrails	Verizon	(3) 1-5/8" (3) 1-5/8"	I O	Proposed Replacement
130.5	(6) Decibel DB980H90E-M on Platform w/ Handrails	Sprint	(6) 1-5/8"	I	Existing
120	(12) Decibel DB844H90E-XY on Platform w/ Handrails	Nextel	(12) 1-1/4"	I	Existing
105	(3) Allgon 7250 on Flush Mounts	AT&T	(6) 1-1/4"	I	Existing
105	(3) Allgon 7250 on T-Arm Mounts	AT&T	(6) 7/8"	I	Reserved
90	(1) 7' Omni on Side Arm Mount	Arch Wireless	(1) 1/2"	O	Existing
85	(1) GPS on Side Arm Mount	Verizon	(1) 1/2"	O	Existing
60	(2) GPS on Side Arm Mount	Nextel	(1) 1/2"	O	Existing
54	(1) GPS on Side Arm Mount	Sprint	(1) 1/2"	O	Existing
15	(1) Channel Master 1.2 Meter Dish on Pipe Mount	Arch Wireless	(1) RG6	O	Existing

*I/O denotes coax installed inside or outside of monopole respectively.

2.0 Detailed Analysis Results

2.1 Monopole Member Stress Levels

ELEVATION (Ft. A.G.L.)	STRESS RATIO*
146.0 to 155.0	0.12
125.9 to 146.0	0.71
85.4 to 125.9	1.01**
45.9 to 85.4	1.10**
0.0 to 45.9	1.08**
Anchor Bolts	1.04**
Base Plate	1.48***

* Maximum Stress Ratio: 1.00=Full Allowable.

** Overstressed; Considered Acceptable.

*** Overstressed; Reinforcing Required.

2.2 Foundation Reactions

BASE REACTIONS	REACTIONS	RESULTS*
Moment (kip-ft)	3937.2	Adequate
Compression (kips)	35.3	Adequate
Shear (kips)	38.4	Adequate

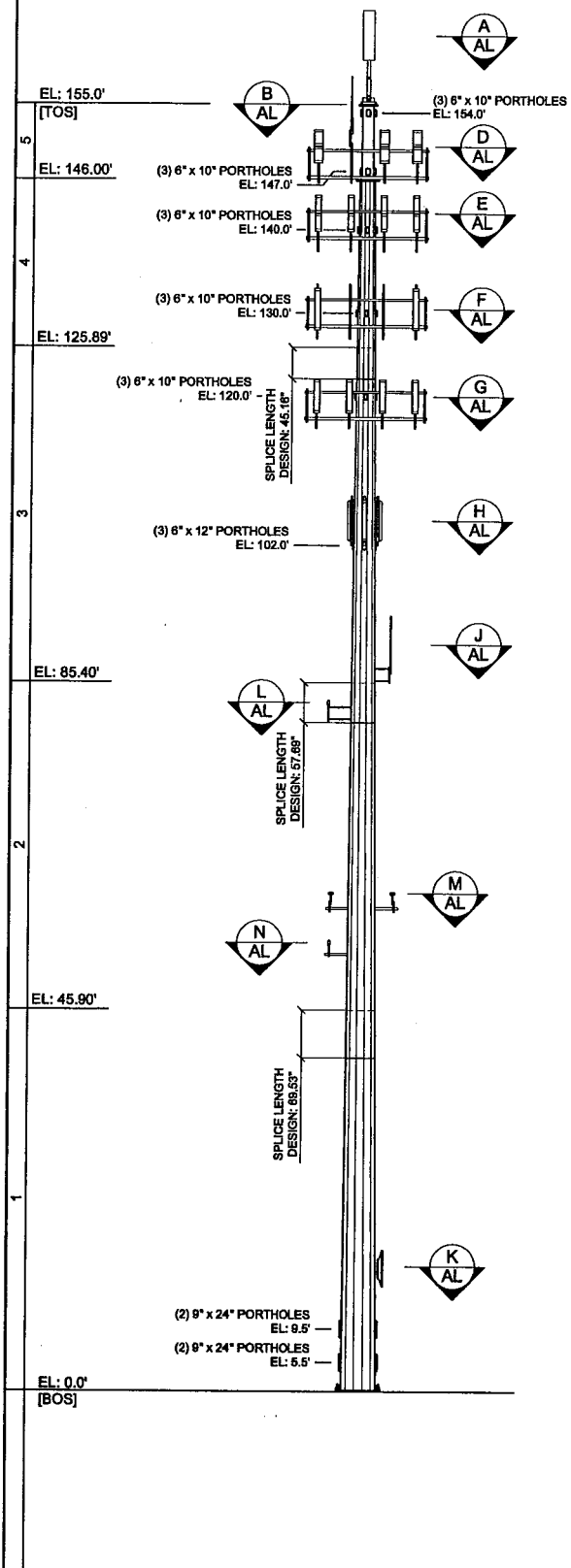
* Based on foundation analysis.

3.0 Conclusions and Recommendations

1. The baseplate ***is not structurally adequate*** to accommodate the existing and proposed antenna and transmission line loading used in this analysis.
2. The monopole, anchor bolts, and foundation ***are structurally adequate*** to accommodate the existing and proposed antenna and transmission line loading used in this analysis.
3. The baseplate ***is structurally adequate*** to accommodate the existing and proposed antenna and transmission lines loading used in this analysis ***after being reinforced*** as per the attached drawing CT-0031-M1.
4. Any future changes in loading must be reviewed by the SpectraSite Engineering Department.

SECTION

NOTE:
 [TOS] TOP OF MONOPOLE STRUCTURE
 [BOS] BOTTOM OF MONOPOLE STRUCTURE



POLE MATERIAL SPECIFICATIONS			
TAPER:	0.214 (IN/FT)		
SHAFT STEEL:	ASTM A572, GRADE 65		
BASE PLATE STEEL:	ROUND ASTM A572, GRADE 65 ASTM A572, GRADE 60		
ANCHOR BOLTS:	(10) 2-3/8" x 128" PL LG ASTM A305, GR. 75 59.0" Ø B.C.		

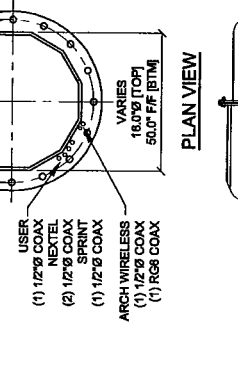
FLANGE SPECIFICATIONS			
FLY THICKNESS (IN)	DIAMETER BOLT CIRCLE (IN)	GRADE	BOLTS
TOP	BTM	(KSI)	NO. DIA.
1.48	1.0 1.5	28.50	25.75 80 12 1" A325

TOWER IDENTIFICATION	
MANUFACTURER:	ENGINEERED ENDEAVOURS INC.
IDENTIFICATION NO.:	5903

DESIGN SPECIFICATIONS	
CODE:	ANSI/TIA/EIA-222-F 1988 BOCA NATIONAL BUILDING CODE
WIND:	85 MPH (TOLLAND COUNTY EIA) 85 MPH (1988 BOCA)
ICE:	31 MPH W/ 1-1/4" RADIAL

SHAFT SPECIFICATIONS						
SHAFT SECTION	SECTION LENGTH (FT)	# SIDES	THICKNESS (IN)	GRADE (KSI)	DIAMETER ACROSS FLATS (IN)	
					BOTTOM	TOP
1	45.73	12	0.638	65	60.00	40.17
2	45.30	12	0.375	65	42.36	32.82
3	45.28	12	0.313	65	45.16	34.47
4	23.78	12	0.188	65	0	28.11
5	9.00	RND	0.500	42	0	16.00

EXISTING ANTENNA INFORMATION							
NO.	ELEV.	ANT. TYPE	ANT. DIMS. (LXWXH)	AZIMUTH	MOUNT	CUSTOMER	STATUS
A	165.3'	(3) EMS R960-17-02DP	56" x 8" x 2.75"	10°, 130°, 250°	CANISTER	(6) T-MOBILE	E
B	150.0'	(1) GENERIC OMNI	7"	0°	PLATFORM W/ HANDRAILS	(0) 1.58" Ø ARCH	E
C	142.0'	(1) SWEDOCOM ALP-2213	48" x 14" x 8"	31°, 155°, 274°	PLATFORM W/ HANDRAILS	(9) 1-1/4" Ø CINGULAR	E
D	142.0'	(1) SWEDOCOM ALP-2213	52" x 14" x 11.4"	30°, 150°, 270°	PLATFORM W/ HANDRAILS	(8) 1.56" Ø USER	E
E	142.0'	(1) SWEDOCOM ALP-2213	52" x 14" x 11.4"	30°, 150°, 270°	PLATFORM W/ HANDRAILS	(8) 1.56" Ø USER	E
F	130.5'	(8) DECIBEL DB980H06-M	60" x 6.3" x 3"	30°, 150°, 270°	PLATFORM W/ HANDRAILS	(0) 1.56" Ø SPRINT	REC'D
G	120.0'	(12) DECIBEL DB980H06-M	48" x 6" x 8.5"	0°, 120°, 240°	PLATFORM W/ HANDRAILS	(0) 1.56" Ø SPRINT	E
H	105.0'	(3) ALLCON 7250	61.3" x 6.3" x 2.2"	0°, 120°, 240°	FLUSH	(0) 1-1/4" Ø ARCH	E
I	83.0'	(1) GENERIC OMNI	7"	0°	SIDE ARM	(1) 1/2" Ø AT&T	E
J	83.0'	(1) GENERIC OMNI	7"	0°	SIDE ARM	(1) 1/2" Ø ARCH	E
K	83.0'	(1) GENERIC OMNI	7"	0°	SIDE ARM	(1) 1/2" Ø ARCH	E
L	83.0'	(1) GENERIC OMNI	7"	0°	SIDE ARM	(1) 1/2" Ø ARCH	E
M	80.0'	(1) GENERIC GPS	-	-	SIDE ARM	(2) 1/2" Ø NEXTEL	E
N	80.0'	(1) GENERIC GPS	-	-	SIDE ARM	(2) 1/2" Ø NEXTEL	E
O	80.0'	(1) GENERIC GPS	-	-	SIDE ARM	(2) 1/2" Ø NEXTEL	E
P	80.0'	(1) GENERIC GPS	-	-	SIDE ARM	(2) 1/2" Ø NEXTEL	E
Q	80.0'	(1) CHANNEL MASTER 1.2 METER	4.00"	225°	PIPE	(1) RGS(O) ARCH	E
R	15.0'	(1) CHANNEL MASTER 1.2 METER	4.00"	225°	PIPE	(1) RGS(O) ARCH	E



REV.	DATE	DESCRIPTION
2	PAT JRJ 11/11/04	ARCH DIPOLE REMOVED, GPS ADDED

SEAL:

SpectraSite
 400 REGENCY FOREST DRIVE
 CARY, NORTH CAROLINA 27511
 PHONE: (919) 668-1177 FAX: (919) 668-6622

TITLE: DESIGN PROFILE
 PROJECT: 155.0' EEI MONOPOLE
 SITE: TOLLAND, CT
 DATE: 01/06/02
 DRAWN: CML
 CHECK: CT-0031
 REV: D1 2

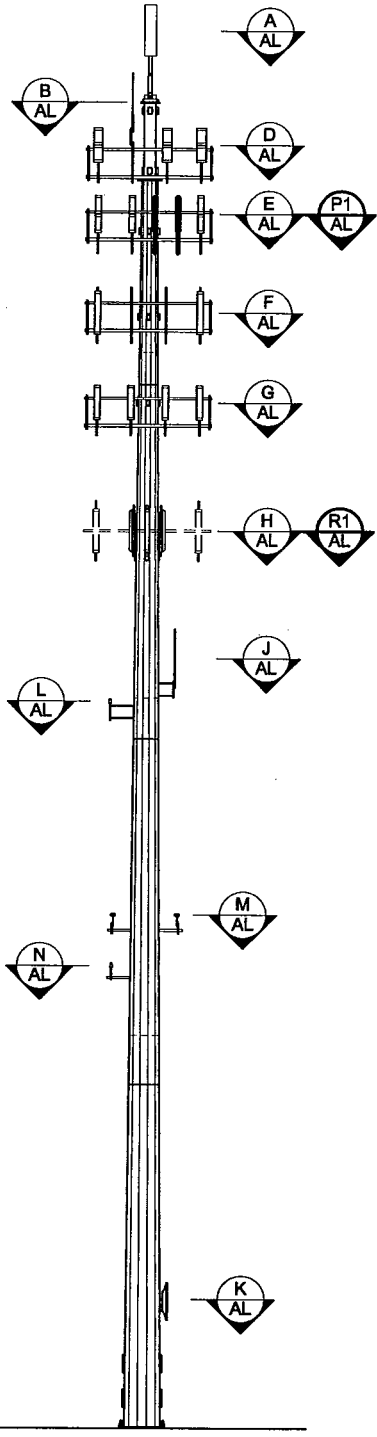
ANTENNA STATUS LEGEND							
A	ABANDON	P	PROPOSED	1	INSTALLATION SHALL NOT INTERFERE WITH EXISTING		
B	EXISTING	R	RESERVED	2	ACCESS TO OPERATIONAL AND SAFETY EQUIPMENT		
C	INQUIRY	S	TEMPORARY	3	TO BE REMOVED		
D	RECONSTRUCTION IN PROGRESS	T	TO BE REMOVED	4	RECONSTRUCTION IN PROGRESS		

* [I], [O], [R] DENOTES COAX INSTALLED INSIDE OR OUTSIDE MONOPOLE RESPECTIVELY.

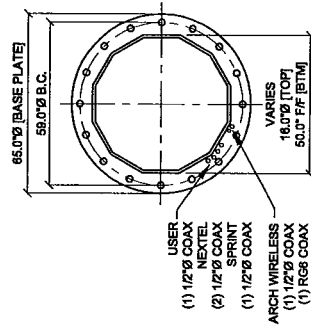
COPYRIGHT: REPLICATION, RECORDING, USE OR DISCLOSURE PROHIBITED WITHOUT WRITTEN AUTHORIZATION OF SPECTRASITE COMMUNICATIONS.

EL: 155.0'
[TOS]

EL: 0.0'
[BOS]



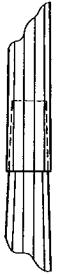
NOTE:
[TOS] TOP OF MONOPOLE STRUCTURE
[BOS] BOTTOM OF MONOPOLE STRUCTURE



PLAN VIEW



TYPICAL FLANGE DETAIL



TYPICAL SPLICE DETAIL

GENERAL NOTES
 1) INSTALLATION SHALL NOT INTERFERE WITH OR DENY ACCESS TO OPERATIONAL AND SAFETY EQUIPMENT
 2) EXISTING TO BE REMOVED
 3) TEMPORARY TO BE REMOVED
 4) RECORDING IN PROGRESS

NO.	ELEV.	ANTENNA TYPE	ANT. DIMS. (LxWxD)	AZIMUTH	PLATFORM W/ HANDRAILS	TX-LINE*	USER	STATUS
P	142.0'	(8) DECIBEL DB44R80E-M	48" x 3.5" x 7"	30°	PLATFORM W/ HANDRAILS	(6) 1-5/8" III	1-MOBILE	E
R	105.0'	(3) ALLOGON 7250	61.3" x 6.3" x 2.2"	0°	LOW PROFILE PLATFORM	(1) 7/8" III	ARCH	E
L	120.0'	(3) ALLOGON 7250	61.3" x 6.3" x 2.2"	0°	PLATFORM W/ HANDRAILS	(1) 7/8" III	CINGULAR	E
E	120.0'	(3) SWEDCON ALP-2612	52" x 11.4" x 11.4"	30°	PLATFORM W/ HANDRAILS	(1) 1-5/8" II	USER	E
F	130.5'	(8) DECIBEL DB84R80E-M	60" x 6.3" x 3"	30°	PLATFORM W/ HANDRAILS	(1) 1-5/8" II	USER	RECO
G	120.0'	(12) DECIBEL DB84R80E-M	48" x 6.5" x 8"	30°	PLATFORM W/ HANDRAILS	(2) 1-1/4" III	NEXTEL	E
H	105.0'	(3) ALLOGON 7250	61.3" x 6.3" x 2.2"	0°	PLATFORM W/ HANDRAILS	(1) 1-1/4" III	AT&T	E
J	80.0'	(1) GENERIC OMNI	-	0°	FLUSH	(1) 1/2" (I)	ARCH	E
K	80.0'	(1) GENERIC GPS	-	-	SIDE ARM	(1) 1/2" (I)	USER	E
M	54.0'	(1) GENERIC GPS	-	-	SIDE ARM	(2) 1/2" (I)	NEXTEL	E
N	54.0'	(1) GENERIC GPS	-	-	SIDE ARM	(1) 1/2" (I)	SHARIT	E
K	15.0'	(1) CHANNEL MASTER 1.2 METER	4.0" Ø	225°	PIPE	(1) RG6 (I)	ARCH	E
NO.	ELEV.	ANTENNA TYPE	ANT. DIMS. (LxWxD) <td>AZIMUTH <td>PLATFORM W/ HANDRAILS</td> <td>TX-LINE* <td>USER</td> <td>STATUS </td></td></td>	AZIMUTH <td>PLATFORM W/ HANDRAILS</td> <td>TX-LINE* <td>USER</td> <td>STATUS </td></td>	PLATFORM W/ HANDRAILS	TX-LINE* <td>USER</td> <td>STATUS </td>	USER	STATUS

* III, OR (I) DENOTES COAX INSTALLED INSIDE OR OUTSIDE MONOPOLE RESPECTIVELY. ** (3) 1-5/8" III, (2) 1-5/8" (I)

PROPOSED ANTENNA INFORMATION		EXISTING ANTENNA INFORMATION	
ANTENNA TYPE	ANT. DIMS. (LxWxD)	ANTENNA TYPE	ANT. DIMS. (LxWxD)
PLATFORM W/ HANDRAILS	PLATFORM W/ HANDRAILS	PLATFORM W/ HANDRAILS	PLATFORM W/ HANDRAILS
LOW PROFILE PLATFORM	LOW PROFILE PLATFORM	LOW PROFILE PLATFORM	LOW PROFILE PLATFORM
FLUSH	FLUSH	FLUSH	FLUSH
SIDE ARM	SIDE ARM	SIDE ARM	SIDE ARM
SIDE ARM	SIDE ARM	SIDE ARM	SIDE ARM
SIDE ARM	SIDE ARM	SIDE ARM	SIDE ARM
PIPE	PIPE	PIPE	PIPE
MOUNT	MOUNT	MOUNT	MOUNT
TX-LINE*	TX-LINE*	TX-LINE*	TX-LINE*

* III, OR (I) DENOTES COAX INSTALLED INSIDE OR OUTSIDE MONOPOLE RESPECTIVELY.

SEAL:

REV/DOWN	CHK	DATE	DESCRIPTION
3	PAT	JRU 11/11/04	PROPOSED USER RECONFIGURATION ARCH DIPOLE REMOVED, GPS ADDED

SpectraSite

400 REGENCY FOREST DRIVE
 CARY, NORTH CAROLINA 27511
 PH: 919.279.8800 FAX: 919.279.8822

TITLE: TOWER PROFILE
 PROJECT: 155.0' EEI MONOPOLE
 SITE: TOLLAND, CT
 DATE: 08/30/02
 DWG #: CT-0031
 REV: 3



Notice of Completion of Tower Improvement

January 3, 2005

Michelle Kababik
Verizon Wireless

RE: Site Agreement between SpectraSite and Verizon at
CT-0031
Tolland
5 Barbara Road

Dear Michelle Kababik

This letter serves to advise you that SpectraSite Communications, Inc. completed the Tower Improvement described in the Amendment to the Site Agreement for the Site located on the above-referenced property on December 30, 2004.

If you have any questions regarding the foregoing, please contact me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Csapo", is written over the typed name.

Greg Csapo
Project Manager
919-465-6502