

EM-METROPCS-004-121228MA

10 Redwood Lane

Avon

JULIE D. KOHLER

PLEASE REPLY TO: Bridgeport
WRITER'S DIRECT DIAL: (203) 337-4157
E-Mail Address: jkohler@cohenandwolf.com

May 22, 2014

Via Electronic and First Class Mail

Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

**Re: Connecticut Siting Council Audit
MetroPCS Exempt Modifications - Notifications of Completion**

Dear Attorney Bachman:

We received your correspondence dated May 19, 2014 regarding the Connecticut Siting Council's 2013 first quarter audit of the MetroPCS and T-Mobile exempt modification acknowledgements and towershare approvals. You brought to our attention deficiencies in written notification of completion of construction and/or written notification of compliance with site-specific conditions.

Specifically as it relates to the MetroPCS sites, we have confirmed that none of the 90 MetroPCS exempt modification acknowledgements on the attached spreadsheet were ever implemented. The proposed modifications to these facilities were suspended as a result of the T-Mobile/MetroPCS merger.

As none of these facilities were ever modified and all of the acknowledgements have since expired, we respectfully submit that notices of completion are not required for these 90 MetroPCS sites.

We are researching the T-Mobile exempt modification written notification issues and will respond as soon as we have information responsive to your request.

Please let me know if you have any questions or need any additional information.

Sincerely,


Julie D. Kohler, Esq.

1115 BROAD STREET
P.O. BOX 1821
BRIDGEPORT, CT 06601-1821
TEL: (203) 368-0211
FAX: (203) 394-9901

158 DEER HILL AVENUE
DANBURY, CT 06810
TEL: (203) 792-2771
FAX: (203) 791-8149

320 POST ROAD WEST
WESTPORT, CT 06880
TEL: (203) 222-1034
FAX: (203) 227-1373

657 ORANGE CENTER ROAD
ORANGE, CT 06477
TEL: (203) 298-4066
FAX: (203) 298-4068



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

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May 19, 2014

Julie D. Kohler, Esq.
Cohen and Wolf, P.C.
1115 Broad Street
Bridgeport, CT 06604

RE: Exempt Modification and Tower Share Conditions and Notification of Completion

Dear Attorney Kohler:

The Connecticut Siting Council (Council) acknowledges modifications to telecommunications facilities that satisfy the exemption criteria under Regulations of Connecticut State Agencies §16-50j-72. The Council also approves requests for shared use of existing telecommunications facilities that satisfy the criteria under Connecticut General Statutes §16-50aa and Regulations of Connecticut State Agencies §16-50j-89. The Council routinely imposes standard conditions in acknowledgments of exempt modifications and approvals of tower share requests, including a requirement that notification be provided to the Council upon completion of construction. The Council may also add site-specific conditions in acknowledgments of exempt modifications and approvals of tower share requests that require the requesting entities to provide written confirmation to the Council that the conditions have been met.

Council staff has conducted an audit of the exempt modifications and tower share decisions from January 1, 2013 through March 31, 2013, and has identified deficiencies in written notification of completion of construction and/or written notification of compliance with site-specific conditions.

Due to the merger between MetroPCS and T-Mobile, the Council is providing your office with a list for both carriers. Attached please find a list of exempt modifications and tower share requests that are currently not in compliance with the conditions imposed by the Council.

The Council hereby requests evidence of compliance on these matters before the close of business on July 1, 2014. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to July 1, 2014.

If you have any questions or concerns, please call the Council office at 860-827-2935.

Thank you for your attention to this matter.

Sincerely,

Melanie Bachman
Acting Executive Director

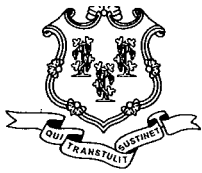
MB/cm



EM/IS #	Address	Town	Council Additional Conditions	Compliance with Council Additional Conditions Received	Notice of Completion Received	Decision Date
EM-METROPCS-004-121228MA	10 Redwood Lane	Avon	N/A	N/A	No	2/13/2013
EM-METROPCS-007-121226-MA	260 Beckley Road	Berlin	N/A	N/A	No	1/30/2013
EM-METROPCS-011-121228-MA	1021 Blue Hills Avenue	Bloomfield	N/A	N/A	No	1/30/2013
EM-METROPCS-011-130215MA	785 Park Avenue	Bloomfield	N/A	N/A	No	3/12/2013
EM-METROPCS-014-121226A-MA	150 North Main Street	Branford	N/A	N/A	No	1/30/2013
EM-METROPCS-014-121226B-MA	4 Beaver Road	Branford	N/A	N/A	No	1/30/2013
EM-METROPCS-017-121228A-MA	790 Willis Road	Bristol	N/A	N/A	No	1/30/2013
EM-METROPCS-017-121228B-MA	371 Terryville Avenue	Bristol	N/A	N/A	No	1/30/2013
EM-METROPCS-025-121224-MA	1119 Summit Road	Cheshire	N/A	N/A	No	1/30/2013
EM-METROPCS-025-121228MA	500 Highland Avenue	Cheshire	N/A	N/A	No	2/4/2013
EM-METROPCS-025-130131MA	705 West Johnson Avenue	Cheshire	N/A	N/A	No	2/22/2013
EM-METROPCS-033-130125MA	160 West Street	Cromwell	N/A	N/A	No	2/19/2013
EM-METROPCS-033-130204MA	201 Main Street	Cromwell	N/A	N/A	No	2/22/2013
EM-METROPCS-033-121231-MA	179 Shunpike Road	Cromwell	N/A	N/A	No	3/5/2013
EM-METROPCS-043-130108	310 Prestige Park	East Hartford	N/A	N/A	No	2/13/2013
EM-METROPCS-043-121228MA	1455 Forbes Street	East Hartford	N/A	N/A	No	2/13/2013
EM-METROPCS-043-130115	148 Roberts Street	East Hartford	N/A	N/A	No	2/14/2013
EM-METROPCS-043-130226MA	100 Sunset Ridge Drive	East Hartford	N/A	N/A	No	3/15/2013
EM-METROPCS-047-121228MA	232 South Main Street	East Windsor	N/A	N/A	No	2/14/2013
EM-METROPCS-049-121228MA	Bright Meadow Boulevard	Enfield	N/A	N/A	No	2/13/2013
EM-METROPCS-049-130115	4 Oliver Road	Enfield	N/A	N/A	No	2/14/2013
EM-METROPCS-052-121228-MA	130a Birdseye Road	Farmington	N/A	N/A	No	1/30/2013
EM-METROPCS-052-130125A-MA	200 Colt Highway (Rte. 6)	Farmington	N/A	N/A	No	2/19/2013
EM-METROPCS-054-121224-MA	1679 New London Turnpike	Glastonbury	N/A	N/A	No	1/30/2013
EM-METROPCS-054-121228MA	2577 Main Street	Glastonbury	N/A	N/A	No	2/4/2013
EM-METROPCS-062-121226-MA	2755 State Street	Hamden	N/A	N/A	No	1/30/2013
EM-METROPCS-062-130204MA	890 Evergreen Avenue	Hamden	N/A	N/A	No	2/22/2013
EM-METROPCS-064-121228A-MA	99 Meadow Street	Hartford	N/A	N/A	No	1/30/2013
EM-METROPCS-064-121228B-MA	289 Mountain Street	Hartford	N/A	N/A	No	1/30/2013

EM-METROPICS-132-121228B-MA	300 Governors Highway	South Windsor	N/A	N/A	No	2/14/2013
EM-METROPICS-131-121231A-MA	625 Spring Street	Southington	N/A	N/A	No	2/14/2013
EM-METROPICS-131-121231B-MA	80 Shurtle Meadow Road	Southington	N/A	N/A	No	2/14/2013
EM-METROPICS-131-130125MA	1394 Route 322	Southington	N/A	N/A	No	2/19/2013
EM-METROPICS-139-121224-MA	848 East Street South	Suffield	N/A	N/A	No	1/30/2013
EM-METROPICS-052-130125B-MA	319 New Britain Avenue	Unionville	N/A	N/A	No	2/19/2013
EM-METROPICS-148-121224-MA	90 North Plains Industrial Road	Wallingford	N/A	N/A	No	1/30/2013
EM-METROPICS-148-121228MA	316 Woodhouse Avenue	Wallingford	N/A	N/A	No	2/6/2013
EM-METROPICS-148-130114MA	922 Northrop Road	Wallingford	N/A	N/A	No	2/13/2013
EM-METROPICS-151-121231-MA	150 Mattatuck Heights Road	Waterbury	N/A	N/A	No	2/14/2013
EM-METROPICS-151-130204MA	184 Garden Hill Circle	Waterbury	N/A	N/A	No	2/22/2013
EM-METROPICS-151-130103MA	299 Sheffield Street	Waterbury	N/A	N/A	No	3/5/2013
EM-METROPICS-155-121228A-MA	471 South Quaker Lane	West Hartford	N/A	N/A	No	1/30/2013
EM-METROPICS-155-121228B-MA	1358 New Britain Avenue	West Hartford	N/A	N/A	No	1/31/2013
EM-METROPICS-155-130125A-MA	3114 Albany Avenue	West Hartford	N/A	N/A	No	2/19/2013
EM-METROPICS-155-130125B-MA	1030 New Britain Avenue	West Hartford	N/A	N/A	No	2/19/2013
EM-METROPICS-156-130107MA	668 Jones Hill Road	West Haven	N/A	N/A	No	1/29/2013
EM-METROPICS-156-121231A-MA	24 Rockdale Road	West Haven	N/A	N/A	No	2/14/2013
EM-METROPICS-156-121231B-MA	85 Plainfield Avenue	West Haven	N/A	N/A	No	2/14/2013
EM-METROPICS-159-130104MA	23 Kelleher Court	Wethersfield	N/A	N/A	No	1/29/2013
EM-METROPICS-159-130108	75 Wells Road	Wethersfield	N/A	N/A	No	1/29/2013
EM-METROPICS-164-121228A-MA	99 Day Hill Road	Windsor	N/A	N/A	No	2/13/2013
EM-METROPICS-164-121228B-MA	419 Broad Street	Windsor	N/A	N/A	No	2/13/2013
EM-METROPICS-164-121228C-MA	50 Pine Lane	Windsor	N/A	N/A	No	2/13/2013
EM-METROPICS-165-130108	4 Volunteer Road	Windsor Locks	N/A	N/A	No	1/29/2013
EM-METROPICS-166-121228MA	347 East Street	Wolcott	N/A	N/A	No	2/7/2013
EM-METROPICS-167-121224-MA	77 Pease Road	Woodbridge	N/A	N/A	No	1/30/2013

EM-METROPICS-064-121228C-MA	439-455 Homestead Avenue	Hartford	N/A	N/A	No	1/30/2013
EM-METROPICS-064-130115	219 New Park Avenue	Hartford	N/A	N/A	No	2/14/2013
EM-METROPICS-066-121228MA	159 Weingart Road	Harwinton	N/A	N/A	No	2/13/2013
EM-METROPICS-074-130103MA	218 Wheeler Road	Litchfield	N/A	N/A	No	3/5/2013
EM-METROPICS-077-130110MA	239 East Middle Turnpike	Manchester	N/A	N/A	No	2/13/2013
EM-METROPICS-077-121228MA	53 Slater Street	Manchester	N/A	N/A	No	2/13/2013
EM-METROPICS-080-130131MA	West Peak Road	Meriden	N/A	N/A	No	2/19/2013
EM-METROPICS-082-121231-MA	238 Meriden Road	Middlefield	N/A	N/A	No	3/5/2013
EM-METROPICS-083-121224A-MA	290 Preston Ave.	Middletown	N/A	N/A	No	1/30/2013
EM-METROPICS-083-121224B-MA	90 Industrial Park Road	Middletown	N/A	N/A	No	1/30/2013
EM-METROPICS-083-121231-MA	50 Fairchild Road	Middletown	N/A	N/A	No	2/14/2013
EM-METROPICS-084-121228MA	185 Research Drive	Milford	N/A	N/A	No	2/6/2013
EM-METROPICS-089-121217A-MA	723 Farmington Avenue	New Britain	N/A	N/A	No	1/9/2013
EM-METROPICS-089-121217B-MA	1 Hartford Square	New Britain	N/A	N/A	No	1/9/2013
EM-METROPICS-089-121217C-MA	1367 East Street	New Britain	N/A	N/A	No	1/11/2013
EM-METROPICS-089-121228-MA	200 Stanley Street	New Britain	N/A	N/A	No	1/30/2013
EM-METROPICS-093-130107MA	389 Forbes Avenue	New Haven	N/A	N/A	No	2/25/2013
EM-METROPICS-094-121228A-MA	123 Costello Road	Newington	N/A	N/A	No	1/30/2013
EM-METROPICS-094-121228B-MA	605 Willard Avenue	Newington	N/A	N/A	No	1/30/2013
EM-METROPICS-094-121228C-MA	99 Cedarwood Lane	Newington	N/A	N/A	No	1/30/2013
EM-METROPICS-099-121228MA	150 Foxon Road	North Branford	N/A	N/A	No	2/4/2013
EM-METROPICS-099-130304MA	88 Parsonage Hill Road	North Branford	N/A	N/A	No	3/26/2013
EM-METROPICS-101-121231A-MA	117 Washington Avenue	North Haven	N/A	N/A	No	2/14/2013
EM-METROPICS-101-121231B-MA	2 Dwight Street	North Haven	N/A	N/A	No	2/14/2013
EM-METROPICS-101-130125MA	50 Divine Street	North Haven	N/A	N/A	No	2/19/2013
EM-METROPICS-107-121224-MA	525 South Orange Center Road	Orange	N/A	N/A	No	1/30/2013
EM-METROPICS-110-130115	10 Sparks Street	Plainville	N/A	N/A	No	2/13/2013
EM-METROPICS-110-130215MA	77 West Main Street	Plainville	N/A	N/A	No	3/12/2013
TS-METROPICS-110-130227MA	335 S Washington Street	Plainville	N/A	N/A	No	3/25/2013
EM-METROPICS-119-121224A-MA	902 France St. (aka North St)	Rocky Hill	N/A	N/A	No	1/30/2013
EM-METROPICS-119-121224B-MA	699 West Street	Rocky Hill	N/A	N/A	No	1/30/2013
EM-METROPICS-119-121231-MA	699 Old Main Street	Rocky Hill	N/A	N/A	No	2/14/2013
EM-METROPICS-124-121228MA	6 Progress Avenue	Seymour	N/A	N/A	No	2/6/2013
EM-METROPICS-132-121228A-MA	59 McGuire Road	South Windsor	N/A	N/A	No	2/14/2013



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

February 13, 2013

Alex Ignachuck
Tower Resource Management
16 Chestnut Street
Suite 220
Foxborough, MA 02035

RE: **EM-METROPCS-004-121228-MA** - MetroPCS Massachusetts, LLC notice of intent to modify an existing telecommunications facility located at 10 Redwood Lane, Avon, Connecticut.

Dear Mr. Ignachuck:

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;
- Within 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 received December 28, 2012. 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
Executive Director

LR/CDM/jb

c: The Honorable Mark W. Zacchio, Chairman Town Council, Town of Avon
Brandon Robertson, Town Manager, Town of Avon
Steven V. Kushner, Town Planner, Town of Avon
Sean Gormley, SBA



RECEIVED
DEC 28 2012

**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY
AN EXISTING TELECOMMUNICATIONS FACILITY AT
10 REDWOOD LANE, AVON, CONNECTICUT**

Pursuant to the Public Utility Environmental Standards Act, Connecticut General Statutes § 16-50g et. Seq. ("PUESA"), and Sections 16-50j-72(b) and 16-50j-73 of the Regulations of Connecticut State Agencies ("R.C.S.A") adopted pursuant to the PUESA, Metro PCS, Inc., by and through its agent MetroPCS Massachusetts, LLC ("MetroPCS") and as successor in interest to Pocket Communications hereby notifies the Connecticut Siting Council of its intent to modify an existing facility located at 10 Redwood Lane, Avon, Connecticut. The telecommunications facility is owned by SBA Communications ("SBA") and leased to MetroPCS

MetroPCS' Proposed Wireless Modifications

ORIGINAL

MetroPCS as successor in interest to Pocket Communications achieved an initial exempt modification approval from the Siting Council to install antennas and related ground equipment on October 10, 2008. The facility consists of a one hundred and five (105) foot high self support monopole telecommunications tower (the "Tower") within a fenced compound. MetroPCS now intends to modify the facility as shown on the enclosed plans prepared by Chappell Engineering Associates, LLC and annexed hereto as Exhibit 1. The modifications will consist of ground work only and entails expanding the existing MetroPCS lease area from 6'x6' to 10'x9', removing the one (1) existing radio cabinet and replacing with one (1) proposed radio cabinet and one (1) proposed battery cabinet. The existing ppc cabinet will remain resulting in a final ground configuration of one (1) radio cabinet, one (1) battery cabinet and one (1) ppc cabinet all within a 10'x9' lease area. MetroPCS will not be modifying the existing antennas and related equipment installed on the tower at this time and therefore; will not affect the structural capacity of the existing tower.

In accordance with R.C.S.A Section 16-50j-73, a copy of this submission is being sent to the Town of Avon. A copy of this submission is also being sent to Avon Water Company, the property owner on which the tower is located.

MetroPCS' Proposed Wireless Modifications Constitutes An "Exempt Modification"

The proposed modification to the Redwood Lane Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

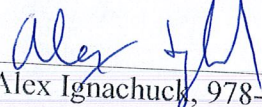
- 1) The proposed modifications are restricted to ground equipment only and will not result in an increase in the height of the existing tower.
- 2) The proposed modifications will not require expansion of the site boundaries.
- 3) The proposed modifications will not increase noise levels at the facility by six decibels or more.

Tower Resource Management
16 Chestnut Street, Suite 220
Foxborough, MA 02035

- 4) MetroPCS' proposed facility will not increase the cumulative radio frequency electromagnetic radiation power density at the Tower site's boundary to or above the standard adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and MPE limits established by the Federal Communications Commission. A cumulative General Power Density table for MetroPCS' proposed modified facility is included as Exhibit 2.

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

Respectfully submitted,


Alex Ignachuck, 978-875-0063

16 Chestnut Street, Suite 220

Foxborough, MA 02035

On behalf of MetroPCS Massachusetts, LLC

cc:

Mark W. Zacchio
Chairman, Town Council
60 West Main Street
Avon, CT 06001

Robert Wesneski
Avon Water Company
14 West Main Street
Avon, CT 06001

Tower Resource Management
16 Chestnut Street, Suite 220
Foxborough, MA 02035

Exhibit I

Site Plan

metroPCS

Unlimit Yourself.

HFC0025A
SBA REDWOOD LANE AVON
 10 REDWOOD LANE
 AVON, CT 06001
 HARTFORD COUNTY

SITE TYPE: EQUIPMENT UPGRADE - MONOPOLE

SITE INFORMATION:

PROPERTY OWNER: FARMINGTON WOODS MASTER ASSOCIATION
 200 BRYSON DRIVE
 AVON, CT 06001

TOWER OWNER: SBA COMMUNICATIONS, INC.
 5900 BROKEN SOUND PARKWAY NW
 BOCA RATON, FL 33487

TOWER OWNER SITE ID: CT01498

APPLICANT: MetroPCS MASSACHUSETTS, LLC
 285 BILERICA ROAD, THIRD FLOOR
 CHELMSFORD, MA 01824
 (978) 244-7000

SITE ADDRESS: 10 REDWOOD LANE
 AVON, CT 06001

COUNTY: HARTFORD

LATITUDE: N 41.772248°

LONGITUDE: W 72.880086°

ZONING CLASSIFICATION: RU2A (RESIDENTIAL)

ZONING JURISDICTION: TOWN OF AVON

TAX ID PARCEL NUMBER: MAP 62 LOT 1610200

ARCHITECT / ENGINEER: CHAPPELL ENGINEERING ASSOCIATES, LLC
 R.K. EXECUTIVE CENTRE
 201 BOSTON POST ROAD WEST
 SUITE 101
 MARLBOROUGH, MA 01752

POWER COMPANY: CONNECTICUT LIGHT & POWER
 P.O. BOX 270
 HARTFORD, CT 06141-0270
 (800) 285-2000

TELEPHONE COMPANY: AT&T CONNECTICUT
 2147 SUMMER STREET
 STAMFORD, CT 06905-4523
 (203) 708-8992

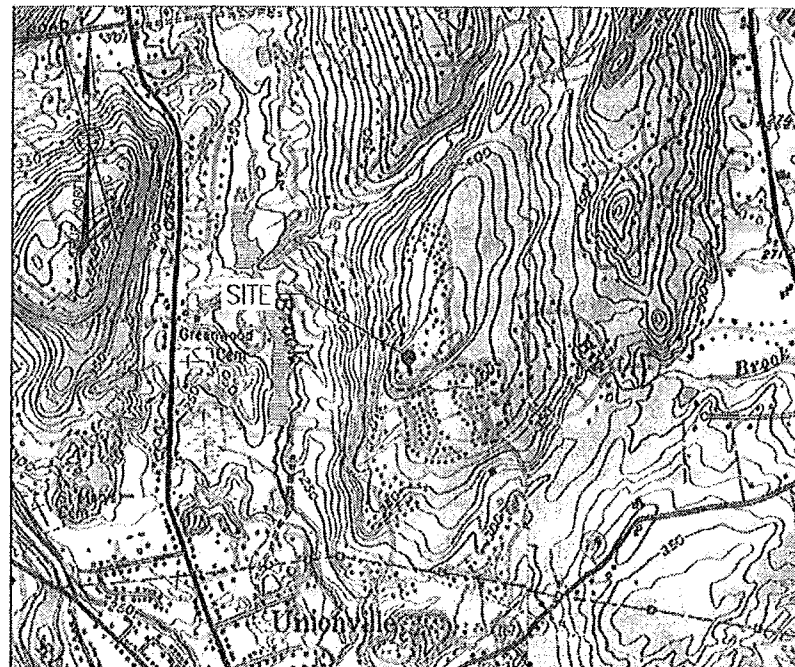
SITE ACQUISITION MANAGER: KELUE DUNN
 (978) 244-7200

CONSTRUCTION MANAGER: DAVE BEAN
 (978) 244-7200

OPERATIONS MANAGER: MIKE WILBANKS
 (978) 244-7200

VICINITY MAP

SCALE: 1"=1000'



DRIVING DIRECTIONS

TAKE I-495 SOUTH TOWARD MARLBOROUGH/TAUNTON. TAKE EXIT 258 FOR I-290 WEST TOWARD WORCESTER. TAKE EXIT 7 FOR I-90 MASS PIKE. FOLLOW SIGNS FOR I-90 WEST/SPRINGFIELD/ALBANY AND MERGE ONTO I-90 WEST. TAKE EXIT 9 FOR I-84 WEST TOWARD US-20 HARTFORD NEW YORK CITY. TAKE EXIT 39 TOWARD CT-4 FARMINGTON. MERGE ONTO CT-56B. TAKE SLIGHT LEFT ONTO CT-4 WEST. TURN RIGHT ONTO CT-167 NORTHWEST AVON ROAD. TURN LEFT ONTO HERITAGE DRIVE. TURN LEFT ONTO BYRON DRIVE. TURN RIGHT ONTO REDWOOD LANE. SITE IS LOCATED ON THE RIGHT HAND SIDE.

APPROVALS

LANDLORD: _____
 FIELD CONST. MGR: _____
 RF ENGINEER: _____
 SITE ACQUISITION AGENT: _____
 ZONING MANAGER: _____
 ERICSSON: _____

SHEET INDEX

DWG.	DESCRIPTION	REV.
T-1	TITLE SHEET	0
GN-1	GENERAL NOTES	0
A-1	COMPOUND PLAN & ELEVATION	0
S-1	EQUIPMENT PLANS, SECTIONS & DETAILS	0
F-1	ONE-LINE DIAGRAM, RISER, DETAILS & NOTES	0
E-2	GROUNDING DETAILS	0

PROJECT DESCRIPTION

- THIS IS AN UNMANNED AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNAL FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.
- NO POTABLE WATER SUPPLIES TO BE PROVIDED AT THIS LOCATION.
- NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.
- NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
- METRO PCS MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT.

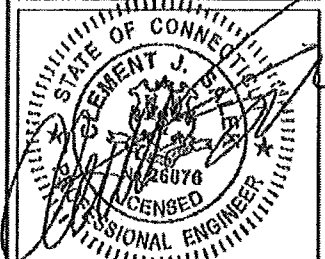
DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE PROJECT OWNERS REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

metroPCS
 Unlimit Yourself.
 285 BILERICA ROAD
 THIRD FLOOR
 CHELMSFORD, MA 01824
 TEL (978) 244-7000
 FAX (978) 244-7240

ERICSSON
 6300 LEGACY DRIVE
 PLANO, TX 75024
 TEL (972) 583-0000

CHAPPELL ENGINEERING ASSOCIATES, LLC
 Civil Structural Land Surveying
 R.K. EXECUTIVE CENTRE
 201 BOSTON POST ROAD WEST, SUITE 101
 MARLBOROUGH, MA 01752
 (508) 481-7400
 www.chappellengineering.com



ENGINEER/LAND SURVEYOR DATE
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REVISIONS

REV. #	DATE	DESCRIPTION
0	12/04/12	ISSUED FOR CONSTRUCTION

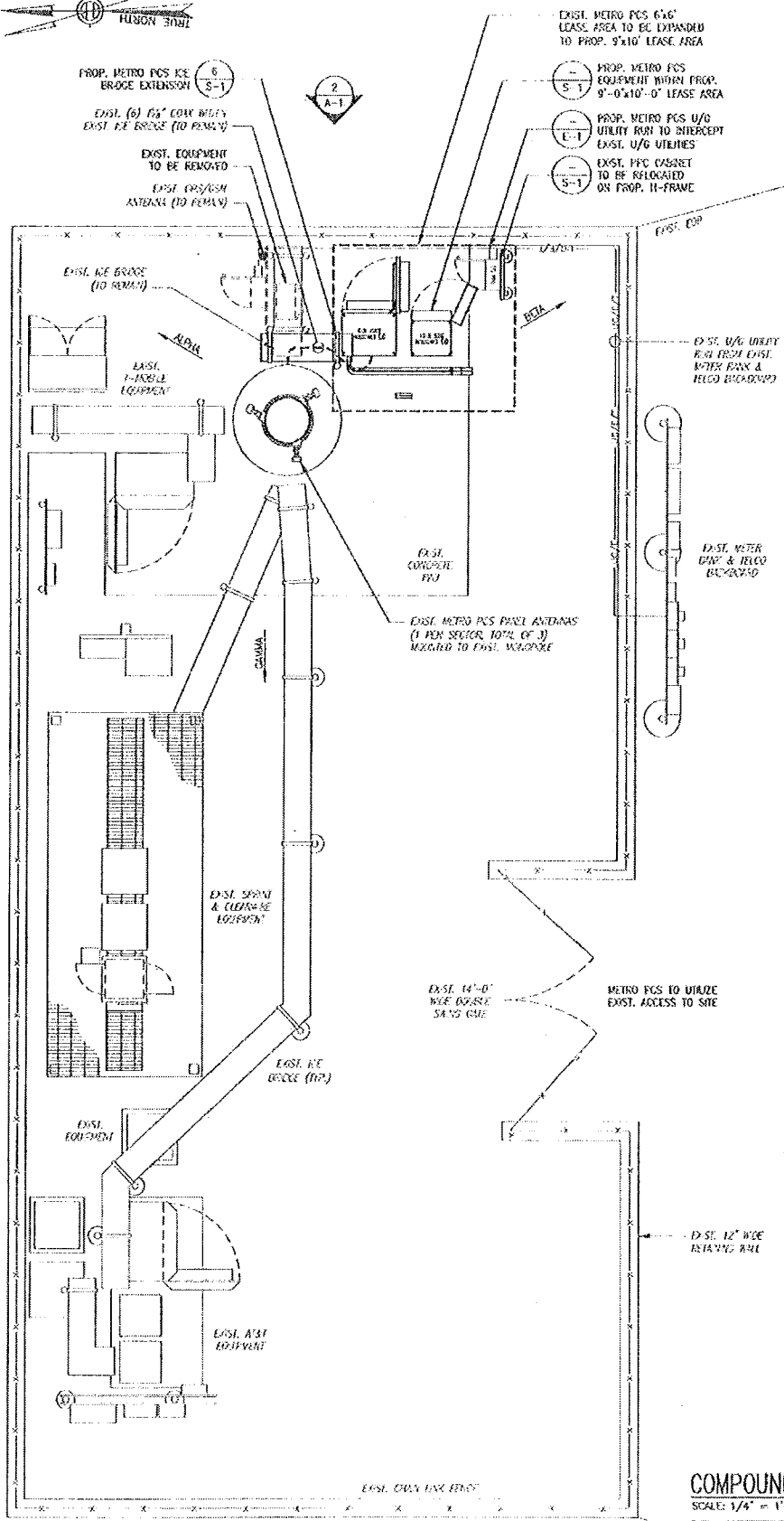
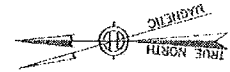
PROJECT NO. 1255-071
 DESIGNED BY: ANI
 DRAWN BY: DAC
 CHECKED BY: ANI
 SCALE: AS SHOWN

SITE NAME:
**HFC0025A
 SBA REDWOOD
 LANE AVON**

SITE ADDRESS:
 10 REDWOOD LANE
 AVON, CT 06001

DRAWING TITLE:
TITLE SHEET

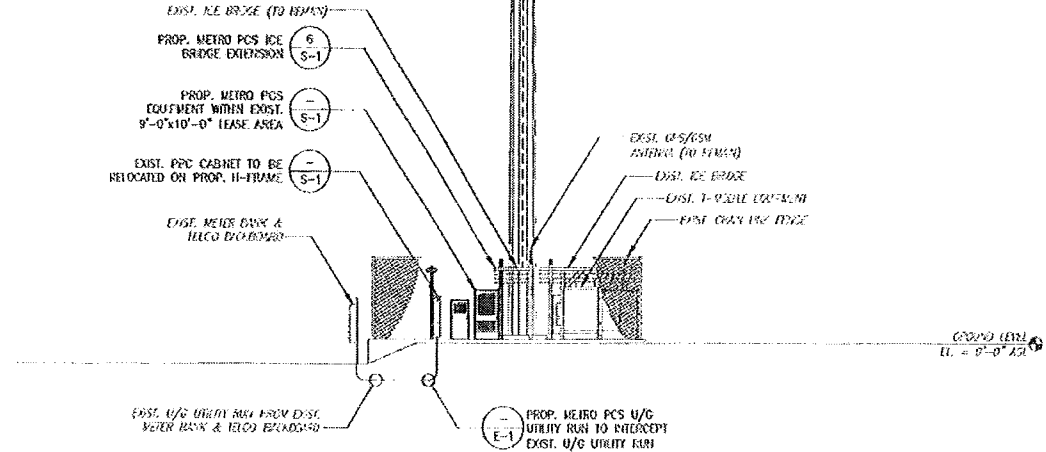
DRAWING NO:
T-1



COMPOUND PLAN
SCALE: 1/4" = 1'-0"
1
A-1

- SITE NOTES**
- EXISTING METRO PCS 6x6' LEASE AREA TO BE EXPANDED TO PROPOSED 9x10' LEASE AREA.
 - EXISTING 100A ELECTRIC SERVICE TO REMAIN & BE RECONNECTED TO PFC.
 - EXISTING TELCO CONDUIT TO REMAIN. INSTALL NEW 25 PAIR, 24 GAUGE RAY P.C. CABLE, AS DIRECTED BY METRO PCS.
 - INSTALL NEW COAX GROUND BAR FOR GROUND KITS & POLYPHASE SURGE ARRESTORS.
 - INSTALL NEW EQUIPMENT TO REPLACE EXISTING H-FRAME & EQUIPMENT.

- EXIST. 1" MIDDLE ANTENNAS
EL. = 108'-0" ASL
- EXIST. 3" METRO PCS ANTENNAS
EL. = 77'-0" ASL
- EXIST. 1" MIDDLE ANTENNAS
EL. = 97'-0" ASL
- EXIST. 3" METRO PCS ANTENNAS
EL. = 116'-0" ASL



EAST TOWER ELEVATION
SCALE: 1" = 10'-0"
2
A-1

metroPCS
Unlimit Yourself.
285 BELLERGA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
TEL (978) 244-7000
FAX (978) 244-7240

ERICSSON
6300 LEGACY DRIVE
PLANO, TX 75024
TEL (972) 583-0000

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STATE OF CONNECTICUT
JAMES J. CHAPPELL
20078
LICENSED PROFESSIONAL ENGINEER
ENGINEER/LAND SURVEYOR DATE
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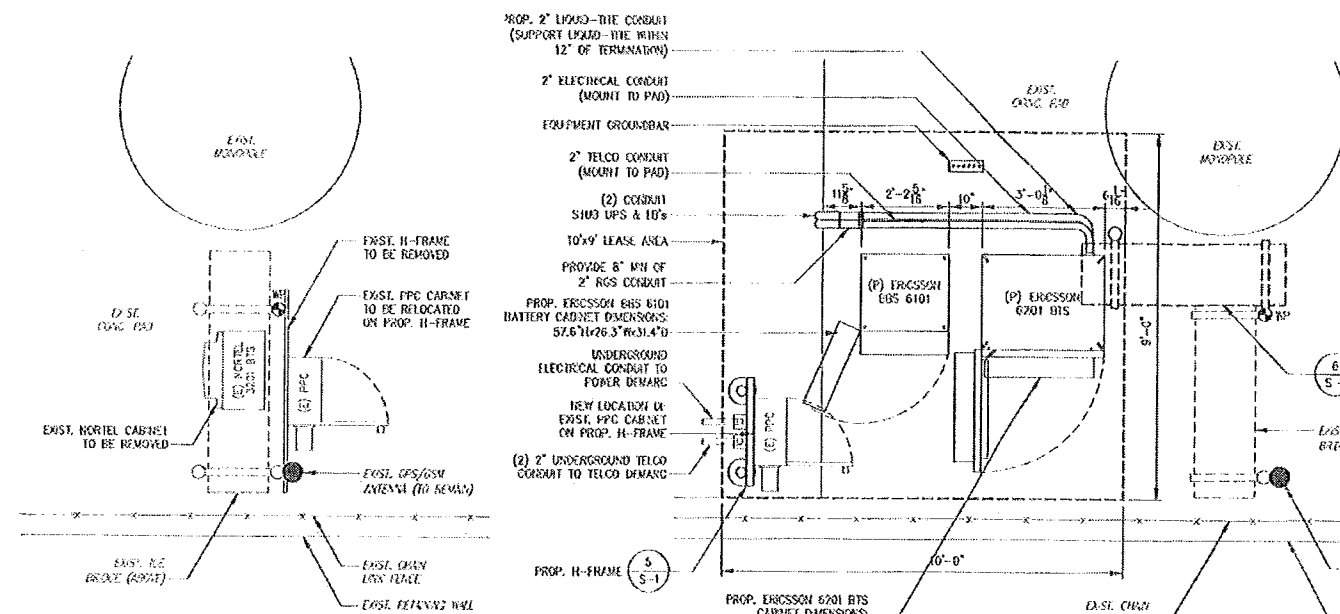
PROJECT NO: 1255.031
DESIGNED BY: JTC
DRAWN BY: CHC
CHECKED BY: JMT
SCALE: AS SHOWN

SITE NAME:
**HFC0025A
SBA REDWOOD
LANE AVON**

SITE ADDRESS:
10 REDWOOD LANE
AVON, CT 06001

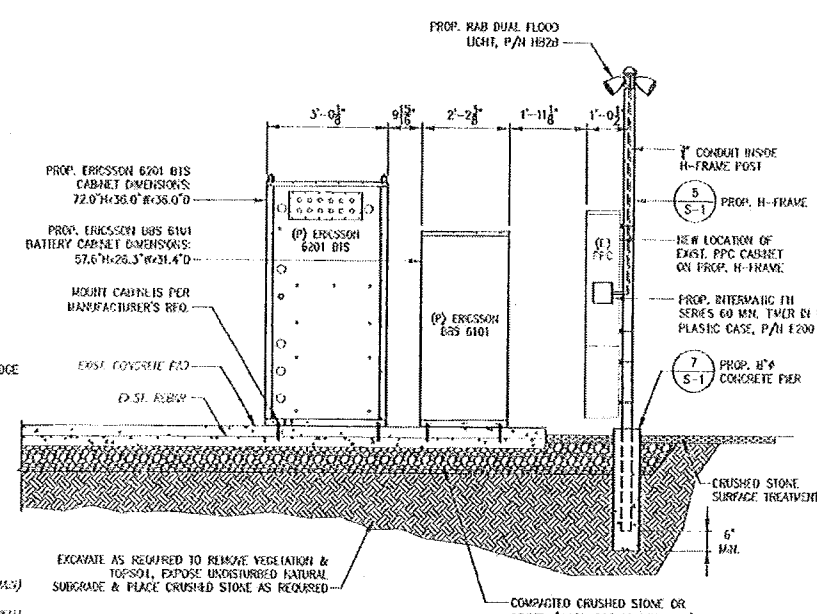
DRAWING TITLE:
**COMPOUND PLAN &
ELEVATION**

DRAWING NO:
A-1

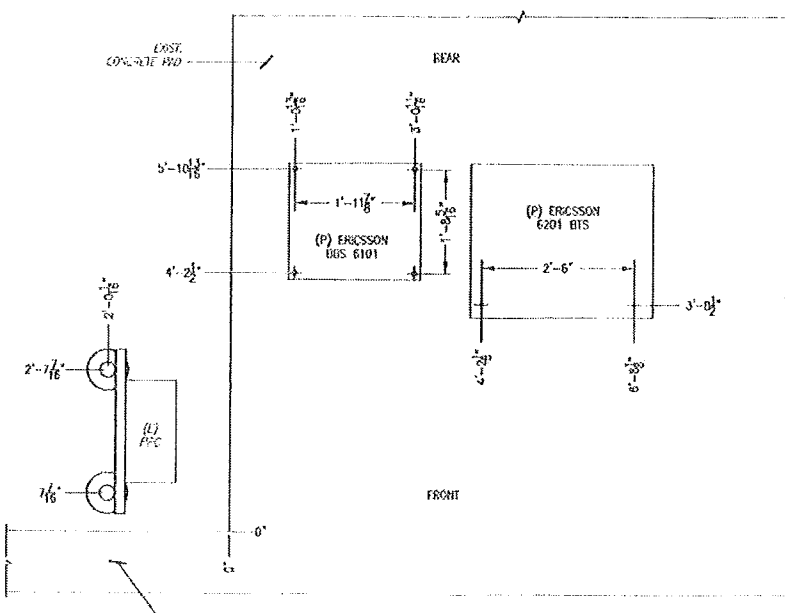


EXISTING EQUIPMENT PLAN
SCALE: 1/2" = 1'-0"
1 S-1

PROPOSED EQUIPMENT PLAN
SCALE: 1/2" = 1'-0"
2 S-1

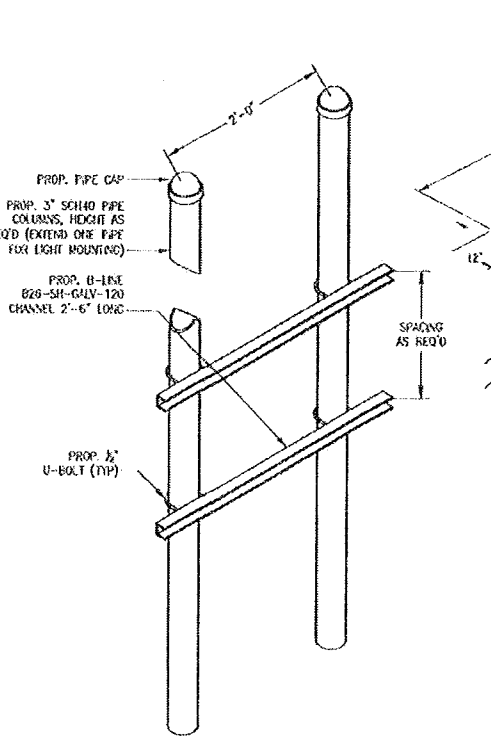


SECTION AT EQUIPMENT PAD
SCALE: 1/2" = 1'-0"
3 S-1

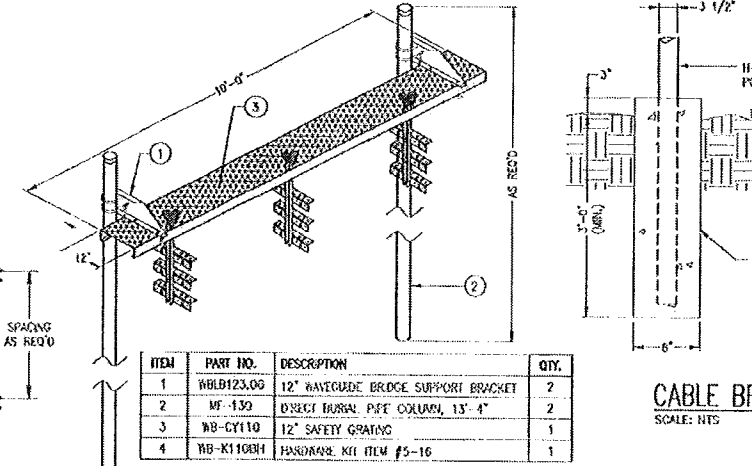


NOTES:
1. MOUNT CABINETS TO CONCRETE PAD PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE 3'-0" MIN SURFACE ACCESS IN FRONT AND REAR OF ALL CABINETS.

ANCHORING FOOTPRINT DETAIL
SCALE: 3/4" = 1'-0"
4 S-1

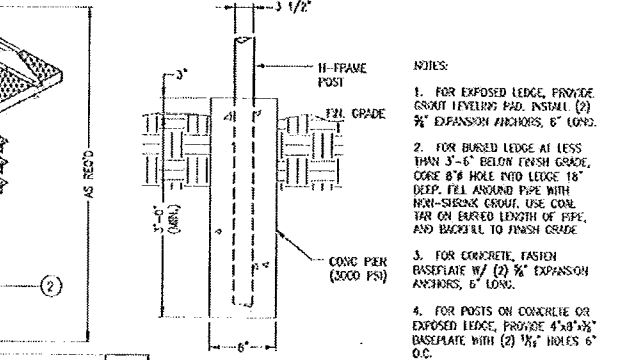


H-FRAME
SCALE: NTS
5 S-1

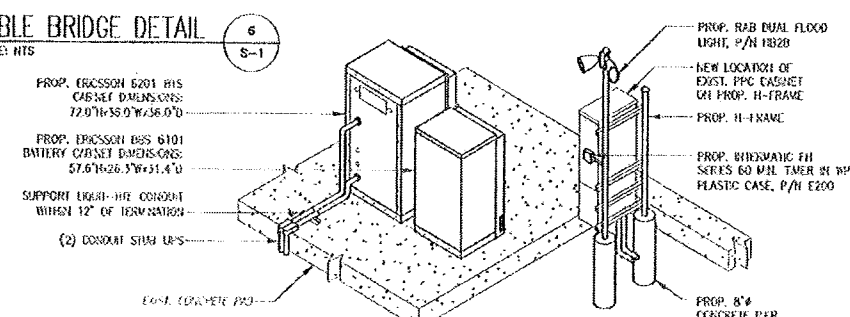


ITEM	PART NO.	DESCRIPTION	QTY.
1	WB12123.00	12" WAVEGRADE BRIDGE SUPPORT BRACKET	2
2	MF-130	DIRECT BURIAL PIPE COLUMN, 13" x 4"	2
3	MB-CY110	12" SAFETY GRATING	1
4	RB-K1100H	HANDRAIL, KIT ITEM #5-16	1

CABLE BRIDGE DETAIL
SCALE: NTS
6 S-1



CABLE BRIDGE PIER
SCALE: NTS
7 S-1



EQUIPMENT LAYOUT DETAIL
SCALE: NTS
8 S-1

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STATE OF CONNECTICUT
J. CHAPPELL
126076
LICENSED PROFESSIONAL ENGINEER
ENGINEER/LAND SURVEYOR DATE

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PROJECT NO.	DESIGNED BY	CHK	SCALE
1255.001	ESM/BG	CWC	AS SHOWN

SITE NAME:
HFC0025A
SBA REDWOOD
LANE AVON

SITE ADDRESS:
10 REDWOOD LANE
AVON, CT 06001

DRAWING TITLE:
EQUIPMENT PLAN,
SECTIONS & DETAILS

DRAWING NO.:
S-1

Exhibit 2

Power Density Calculation

Power Density Calculations

Control Number	Site	Carrier	#Channels	ERP/Ch	Ant Ht (m)	Power Density (mW/cm ²)	MHz	S	%MPE	Site Total
EM-CING-004-120720	Avon - 10 Redwood Lane	AT&T UMTS	2	565	97	0.0432	880	0.5867	7.36%	
EM-CING-004-120720	Avon - 10 Redwood Lane	AT&T UMTS	2	1077	97	0.0823	1900	1.0000	8.23%	
EM-CING-004-120720	Avon - 10 Redwood Lane	AT&T GSM	1	283	97	0.0108	880	0.5867	1.84%	
EM-CING-004-120720	Avon - 10 Redwood Lane	AT&T GSM	4	646	97	0.0987	1900	1.0000	9.87%	
EM-CING-004-120720	Avon - 10 Redwood Lane	AT&T LTE metroPCS	1	1313	97	0.0502	734	0.4893	10.25%	
EM-Pocket-004-080924	Avon - 10 Redwood Lane	CDMA	3	727	77	0.1323	2135	1.0000	13.23%	
EM-T-Mobile-004-090409	Avon - 10 Redwood Lane	T-Mobile GSM	8	134	106	0.0343	1945	1.0000	3.43%	
EM-T-Mobile-004-090409	Avon - 10 Redwood Lane	T-Mobile UMTS	2	758	106	0.0485	2100	1.0000	4.85%	
EM-Clearwire-004-100326	Avon - 10 Redwood Lane	Clearwire	2	153	91	0.0123	2496	1.0000	1.33%	
EM-Clearwire-004-100326	Avon - 10 Redwood Lane	Clearwire	1	211	91	0.0092	11 GHz	1.0000	0.92%	
EM-AT&T-004-020521	Avon - 10 Redwood Lane	Sprint	11	122	90	0.0596	1962.5	1.0000	5.96%	
EM-AT&T-004-020521	Avon - 10 Redwood Lane	Farm. Woods metroPCS	2	400	115.5	0.0216	155	0.2000	10.76%	78.05%
	Avon - 10 Redwood Lane	LTE	1	1200	77	0.0728	2130	1.0000	7.28%	85.33%