

**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY
AN EXISTING TELECOMMUNICATIONS FACILITY AT
BRIGHT MEADOW BLVD, ENFIELD, 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 Bright Meadow Blvd, Enfield, Connecticut. The telecommunications facility is owned by Crown Castle International ("Crown") and leased to MetroPCS

ORIGINAL

MetroPCS' Proposed Wireless Modifications

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 August 10, 2009. The facility consists of a one hundred and fifty (150) foot high 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'x7', 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'x7' 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 Enfield. A copy of this submission is also being sent to Connecticut Light & Power, the property owner on which the tower is located.

MetroPCS' Proposed Wireless Modifications Constitutes An "Exempt Modification"

The proposed modification to the Bright Meadow Blvd 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.

- 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:

Matthew W. Coppler
Town Manager
820 Enfield Street
Enfield, CT 06082

Connecticut Light & Power
P.O. Box 270
Hartford, CT 06141

Exhibit 1

Site Plan

metroPCS
Unlimit Yourself.

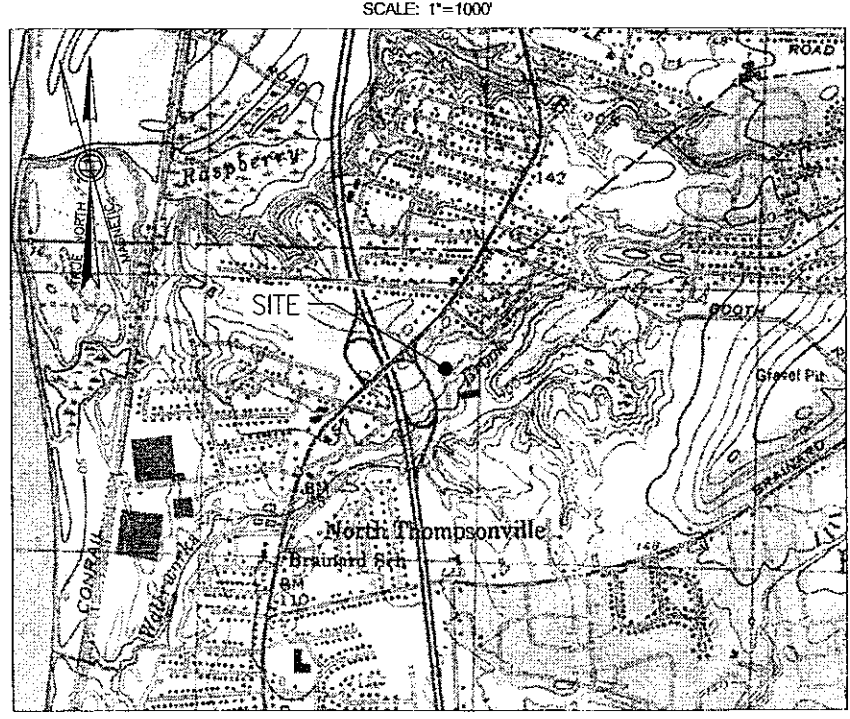
HFC0333A
BRIGHT MEADOW BOULEVARD
BRIGHT MEADOW BOULEVARD
ENFIELD, CT 06082
HARTFORD COUNTY

CROWN SITE: 876348
SITE TYPE: EQUIPMENT UPGRADE - MONOPOLE

SITE INFORMATION:

PROPERTY OWNER: CONN LIGHT & POWER COMPANY
PO BOX 270
HARTFORD, CT 06140
TOWER OWNER: CROWN CASTLE
500 WEST CUMMINGS PARK, SUITE 3600
WORURN, MA 01801
APPLICANT: MetroPCS MASSACHUSETTS, LLC
285 BILLERICA ROAD, THIRD FLOOR
CHELMSFORD, MA 01824
(978) 244-7000
SITE ADDRESS: BRIGHT MEADOW BOULEVARD
ENFIELD, CT 06110
COUNTY: HARTFORD
LATITUDE: N 42.020818°
LONGITUDE: W -72.585173°
ZONING CLASSIFICATION: BR - BUSINESS REGIONAL
ZONING JURISDICTION: TOWN OF ENFIELD
TAX ID PARCEL NUMBER: MAP 035 LOT 0219
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) 286-2000
TELEPHONE COMPANY: AT&T CONNECTICUT
2147 SUMMIT STREET
STAMFORD, CT 06905-4593
(203) 708-9992
SITE ACQUISITION MANAGER: KELLIE DUNN
(978) 244-7200
CONSTRUCTION MANAGER: DAVE BEAN
(978) 244-7200
OPERATIONS MANAGER: MIKE WILBANKS
(978) 244-7200

VICINITY MAP



DRIVING DIRECTIONS

TAKE I-495 SOUTH TOWARD MARLBOROUGH/TAUNTON. TAKE EXIT 25B 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 6 FOR I-291 TOWARD SPRINGFIELD/HARTFORD CT. TURN LEFT ONTO I-291 W. TAKE EXIT 1A TOWARD I-91/HARTFORD CT. TAKE EXIT 49 FOR US-5/ENFIELD ST. TURN LEFT ONTO US-5/ENFIELD ST. TURN RIGHT ONTO BRIGHT MEADOW BLVD. DESTINATION WILL BE ON THE LEFT.

APPROVALS

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

SHEET INDEX

Table with 3 columns: DWG., DESCRIPTION, REV. Rows include T-1 (TITLE SHEET), GN-1 (GENERAL NOTES), A-1 (COMPOUND PLAN & ELEVATION), S-1 (EQUIPMENT PLANS, SECTIONS & DETAILS), L-1 (ONE-LINE DIAGRAM, RISER, DETAILS & NOTES), and E-2 (GROUNDING DETAILS).

PROJECT DESCRIPTION

- 1. 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.
2. THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.
3. NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
4. NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.
5. NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
6. METHO 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 BILLERICA 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
R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST, SUITE 101
MARLBOROUGH, MA 01752
(508) 481-7400
www.chappellengineering.com

STATE OF CONNECTICUT
Professional Engineer
CLEMENT J. B...
26876
ENGINEER/LAND SURVEYOR DATE
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.

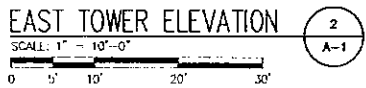
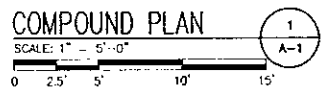
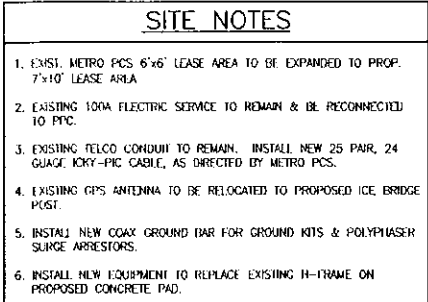
Table with 2 columns: REV. #, DATE, DESCRIPTION. Includes a row for 0 12/14/12 ISSUED FOR CONSTRUCTION.

SITE NAME: HFC0333A
BRIGHT MEADOW BOULEVARD
CROWN SITE: 876348

SITE ADDRESS: BRIGHT MEADOW BOULEVARD
ENFIELD, CT 06082

DRAWING TITLE: TITLE SHEET

DRAWING NO: T-1



metroPCS
Unlimit Yourself.

285 BILLERICA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
TEL (978) 244-7000
FAX (978) 244-7240

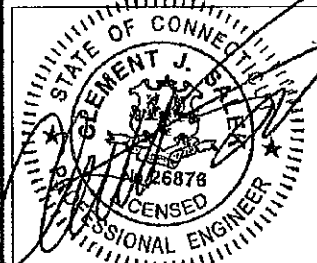
ERICSSON

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



**CHAPPELL
ENGINEERING
ASSOCIATES, LLC**

R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST, SUITE 10
MARLBOROUGH, MA 01752
(508) 481-7400
www.chappellengineering.com



ENGINEER/LAND SURVEYOR _____ DATE _____

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.

REVISIONS		
REV. #	DATE	DESCRIPTION
0	12/14/12	ISSUED FOR CONSTRUCTION

PROJECT NO. 1255.014	DRAWN BY: JAT	SCALE: AS SHOWN
	CHECK'D BY: JAT	

SITE NAME:
HFC0333A
BRIGHT MEADOW
BOULEVARD
CROWN SITE: 876348

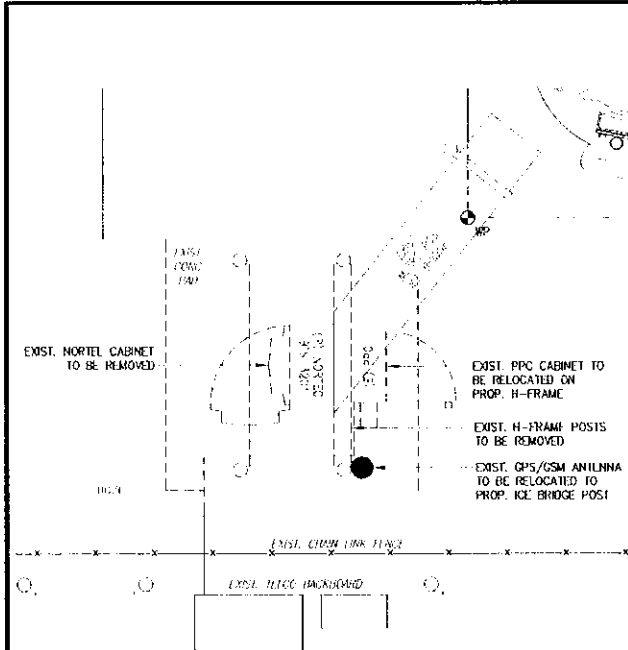
SITE ADDRESS:
BRIGHT MEADOW BOULEVARD
ENFIELD, CT 06082

DRAWING TITLE:

COMPOUND PLAN &
ELEVATION

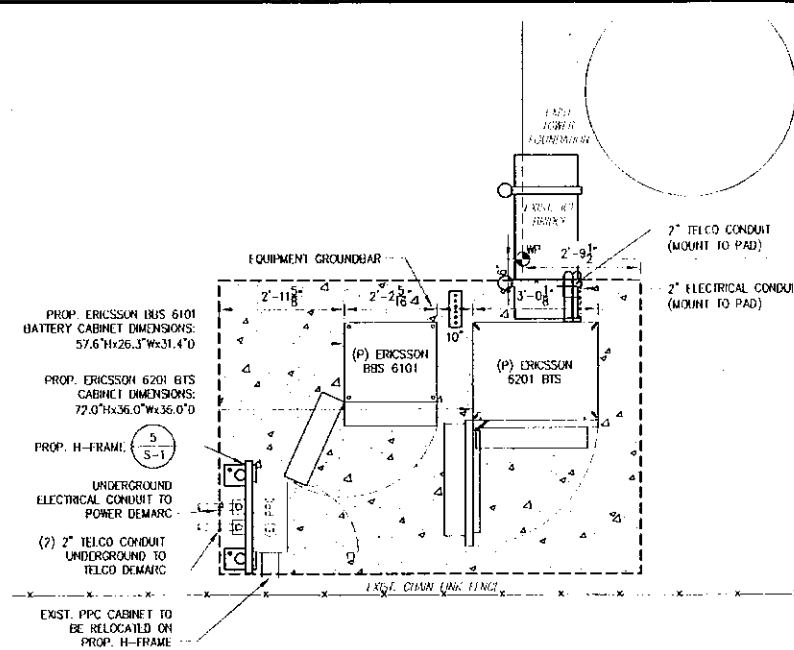
DRAWING NO:

A-1



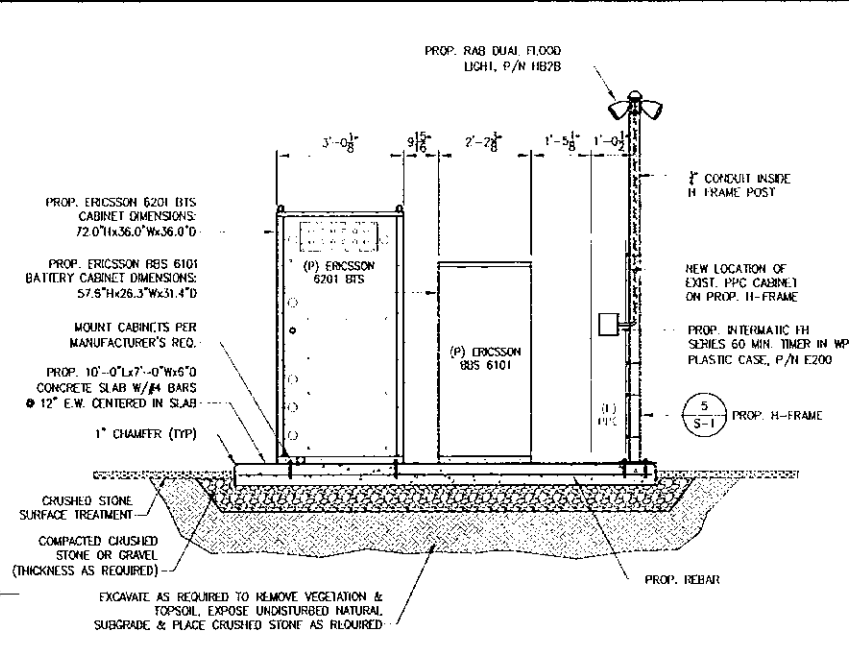
EXISTING EQUIPMENT PLAN

SCALE: 1/2" = 1'-0"



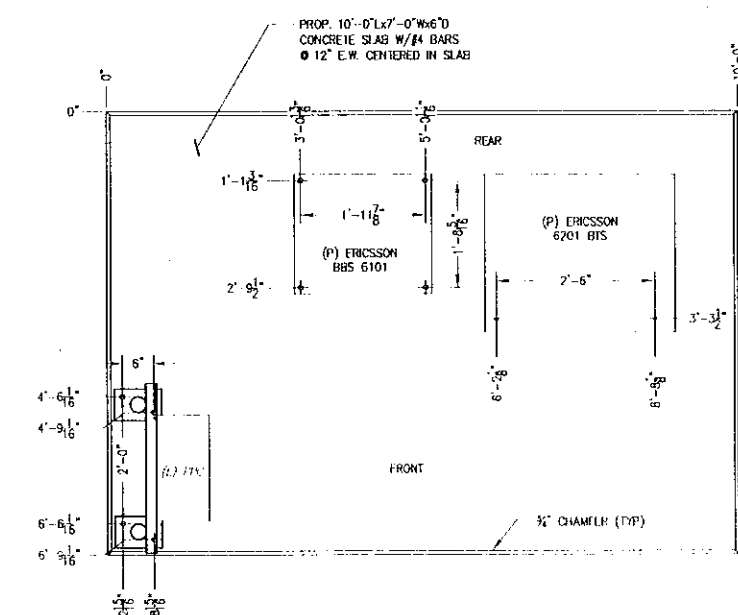
PROPOSED EQUIPMENT PLAN

SCALE: 1/2" = 1'-0"



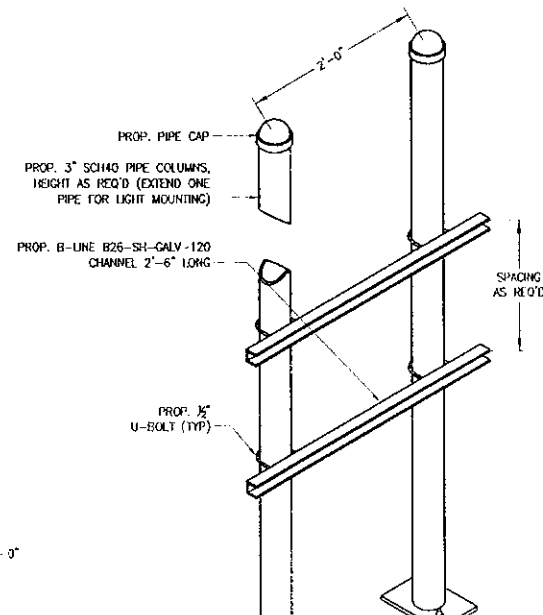
SECTION AT EQUIPMENT PAD

SCALE: 1/2" = 1'-0"



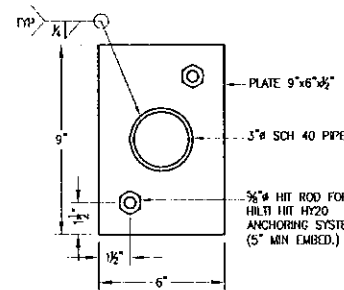
ANCHORING FOOTPRINT DETAIL

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



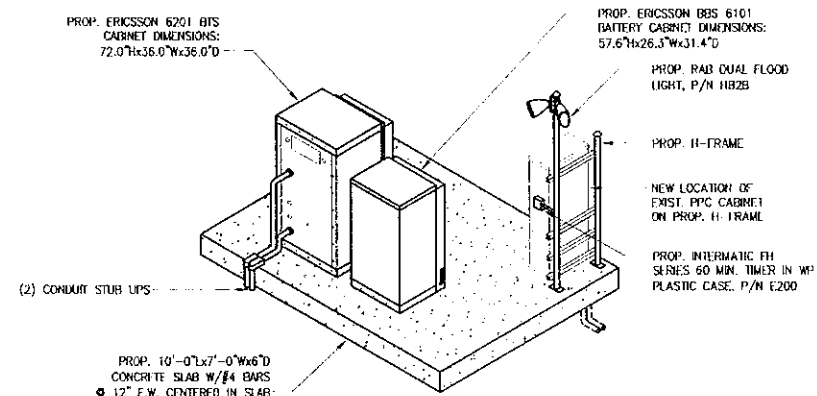
H-FRAME

SCALE: NTS



H-FRAME BASE PLATE

SCALE: NTS



EQUIPMENT LAYOUT DETAIL

SCALE: NTS



metroPCS
Unlimit Yourself.

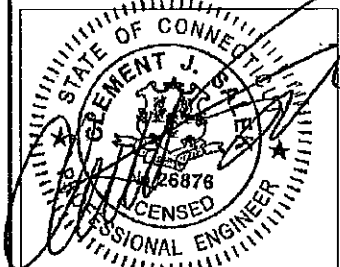
285 BILLERICA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
TEL (978) 244-7000
FAX (978) 244-7240

ERICSSON

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

**CHAPPELL
ENGINEERING
ASSOCIATES, LLC**

R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST, SUITE 101
MARLBOROUGH, MA 01752
(508) 481-7400
www.chappellengineering.com



ENGINEER/LAND SURVEYOR DATE

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.

REVISIONS

REV. #	DATE	DESCRIPTION
0	12/14/12	ISSUED FOR CONSTRUCTION

PROJECT NO. 1255.014
DESIGNED BY: JMT
CHECKED BY: JMT
SCALE: AS SHOWN

SITE NAME:

HFC0333A
BRIGHT MEADOW
BOULEVARD
CROWN SITE: 876348

SITE ADDRESS:

BRIGHT MEADOW BOULEVARD
ENFIELD, CT 06082

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 (mW/cm2)	Power Density	MHz	S	%MPE	Site Total
EM-CING-049-120517	Enfield - Bright Meadow Boulevard	AT&T UMTS	2	565	119	0.0287	880	0.5867	4.89%	
EM-CING-049-120517	Enfield - Bright Meadow Boulevard	AT&T UMTS	2	875	119	0.0444	1900	1.0000	4.44%	
EM-CING-049-120517	Enfield - Bright Meadow Boulevard	AT&T GSM	1	283	119	0.0072	880	0.5867	1.22%	
EM-CING-049-120517	Enfield - Bright Meadow Boulevard	AT&T GSM	4	525	119	0.0533	1900	1.0000	5.33%	
EM-CING-049-120517	Enfield - Bright Meadow Boulevard	AT&T LTE metroPCS	1	1375	119	0.0349	734	0.4893	7.13%	
EM-Pocket-05-030723	Enfield - Bright Meadow Boulevard	CDMA	3	727	107	0.0685	2135	1.0000	6.65%	
EM-Clearwire-049-100223	Enfield - Bright Meadow Boulevard	Clearwire	2	153	147	0.0051	2496	1.0000	0.51%	
EM-Clearwire-049-100223	Enfield - Bright Meadow Boulevard	Clearwire	1	211	147	0.0035	11 GHz	1.0000	0.35%	
TS-SAM-049-990701	Enfield - Bright Meadow Boulevard	Sprint PCS	11	122	147	0.0223	1957.5	1.0000	2.23%	
EM-VER-049-120904	Enfield - Bright Meadow Boulevard	Verizon cellular	9	254	134	0.0458	869	0.5793	7.90%	
EM-VER-049-120904	Enfield - Bright Meadow Boulevard	Verizon PCS	11	246	134	0.0542	1970	1.0000	5.42%	
EM-VER-049-120904	Enfield - Bright Meadow Boulevard	Verizon AWS	1	596	134	0.0119	2145	1.0000	1.19%	
EM-VER-049-120904	Enfield - Bright Meadow Boulevard	Verizon LTE	1	834	134	0.0167	698	0.4653	3.59%	
EM-AT&T-049-020401	Enfield - Bright Meadow Boulevard	Nextel	9	100	127	0.0201	851	0.5673	3.54%	
TS-XM-049-001010	Enfield - Bright Meadow Boulevard	XM Sat Radio	2	307	142	0.0109	2340	1.0000	1.09%	55.73%
	Enfield - Bright Meadow Boulevard	metroPCS LTE	1	1200	107	0.0377	2135	1.0000	3.77%	59.47%