



**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY  
AN EXISTING TELECOMMUNICATIONS FACILITY AT  
289 MOUNTAIN STREET, HARTFORD, 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 289 Mountain Road, Hartford, Connecticut. The telecommunications facility is owned by American Tower Asset Sub II LLC 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 28, 2010. The facility consists of a one hundred and four (104') foot high self-supporting 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 proposes to replace existing 1-5/8" coax lines with the same size 1-5/8" coax lines and will not affect the structural capacity of the existing tower. 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 City of Hartford. A copy of this submission is also being sent to Springwich Cellular Tower Holdings LLC, the property owner on which the tower is located.

**MetroPCS’ Proposed Wireless Modifications Constitutes An “Exempt Modification”**

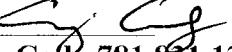
The proposed modification to the Hrfr-South Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

- 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,

  
**Craig Cody 781.831.1281**  
On behalf of MetroPCS Massachusetts, LLC  
c/o Tower Resource Management, Inc.  
16 Chestnut Street, Suite 220  
Foxboro, MA 02035

cc: **City of Hartford, CT**  
**Springwich Cellular Tower Holdings, LLC**

Exhibit 1

Site Plan

## Exhibit 2

### Power Density Calculation

Power Density Calculations										
Control Number	Site	Carrier	#Chans	ERP/Ch	Ant Ht	Power Density (mW/cm2)	MHz	\$	%MPE	Site Total
EM-CING-064-120508	Hartford -Mountain Street	AT&T UMTS	2	875	103	0.0593	1900	1.0000	0.59%	
EM-CING-064-120508	Hartford -Mountain Street	AT&T UMTS	2	565	103	0.0383	880	0.5867	0.65%	
EM-CING-064-120508	Hartford -Mountain Street	AT&T GSM	4	525	103	0.0712	1900	1.0000	0.71%	
EM-CING-064-120508	Hartford -Mountain Street	AT&T GSM	1	283	103	0.0096	880	0.5867	0.16%	
EM-CING-064-120508	Hartford -Mountain Street	AT&T LTE	1	1375	103	0.0466	734	0.4893	0.95%	
Petition 920	Hartford - 289H Mountain Street	Clearwire	2	153	110	0.0091	2496	1.0000	0.91%	
Petition 920	Hartford - 289H Mountain Street	Clearwire	1	211	110	0.0063	11 GHz	1.0000	0.63%	
EM-Pocket-064-090720	Hartford - 289 Mountain Street	metropCS CDMA	3	727	70	0.1600	2135	1.0000	16.00%	
SNET EM 6/15/92	Hartford - Mountain Street	SNET Paging			110	0.0458		1.0000	4.58%	
EM-SCLP-064-981027	Hartford - Mountain Street	T-Mobile	5	150	75	0.0479	866.075	0.5774	8.30%	
EM-T-Mobile-064-090217	Hartford - 289H Mountain Road	GSM	8	170	87	0.0646	1945	1.0000	6.46%	
EM-T-Mobile-064-090602	Hartford - 289H Mountain Road	T-Mobile	2	741	87	0.0704	2100	1.0000	7.04%	
EM-VER-064-090602	Hartford - 289H Mountain Road	Verizon PCS	3	552	77	0.1004	1970	1.0000	10.04%	
	Hartford - 289 Mountain Street	Verizon cellular	9	315	77	0.1719	875	0.5833	29.47%	86.51%
	Hartford - 289 Mountain Street	metropCS LTE	1	1200	70	0.0881	2130	1.0000	8.81%	95.32%



HFC0105A

## SPRINGWHICH MOUNTAIN STREET HARTFORD

289 MOUNTAIN STREET  
HARTFORD, CT 06120  
HARTFORD COUNTY

SITE TYPE: EQUIPMENT UPGRADE - MONOPOLE

### SITE INFORMATION:

PROPERTY OWNER: SPRINGWHICH CELLULAR TOWER HOLDINGS, LLC  
AT&T MOBILITY LLC  
909 CHESTNUT, RM 36-M-1  
ST. LOUIS, MO 63101

TOWER OWNER: AMERICAN TOWER CORPORATION  
10 PRESIDENTIAL WAY  
WOBURN, MA 01801

TOWER OWNER SITE ID: 302481

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

SITE ADDRESS: 289 MOUNTAIN STREET  
HARTFORD, CT 06120

COUNTY: HARTFORD

LATITUDE: N 41.726569°

LONGITUDE: W 72.708169°

ZONING CLASSIFICATION: R5 (RESIDENTIAL)

ZONING JURISDICTION: CITY OF HARTFORD

TAX ID PARCEL NUMBER: MAP 144 BLOCK 714 LOT 129

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

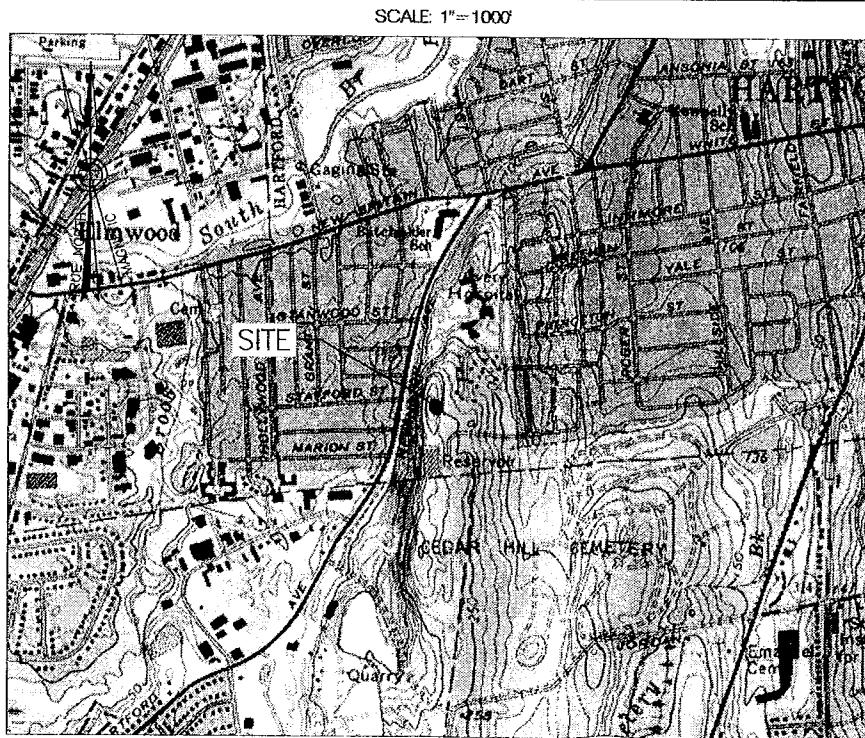
TELEPHONE COMPANY: AT&T CONNECTICUT  
2147 SUMMER STREET  
STAMFORD, CT 06905-4523  
(203) 709-0992

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-95 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 9 FOR I-84 WEST TOWARD US 202/HARTFORD/NYC. TAKE EXIT 45 ON THE LEFT FOR FLATBUSH AVENUE AND TURN LEFT. TURN RIGHT ONTO BROOKFIELD STREET. CONTINUE ONTO STONE STREET. TURN LEFT ONTO NEW BRITAIN AVENUE. TURN RIGHT ONTO AVERY HEIGHTS. CONTINUE ONTO AVERY HOSPITAL ROAD. TURN LEFT ONTO HADDAM STREET. TURN RIGHT ONTO STORRS STREET. TURN RIGHT ONTO MOUNTAIN STREET. SITE IS LOCATED AT THE END OF THE ROAD.

### 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
E-1	ONE-LINE DIAGRAM, RISER, DETAILS & NOTES	0
E-2	GROUNDING DETAILS	0

### 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. 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 OWNER'S REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

**metroPCS**  
Unlimit Yourself.

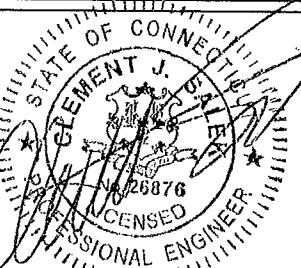
285 BILLERICA ROAD  
THIRD FLOOR  
CHELMSFORD, MA 01824  
TEL (978) 244-7000  
FAX (978) 244-7240

**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.chappellingeering.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	12/20/12	ISSUED FOR CONSTRUCTION
REV. #	DATE	DESCRIPTION

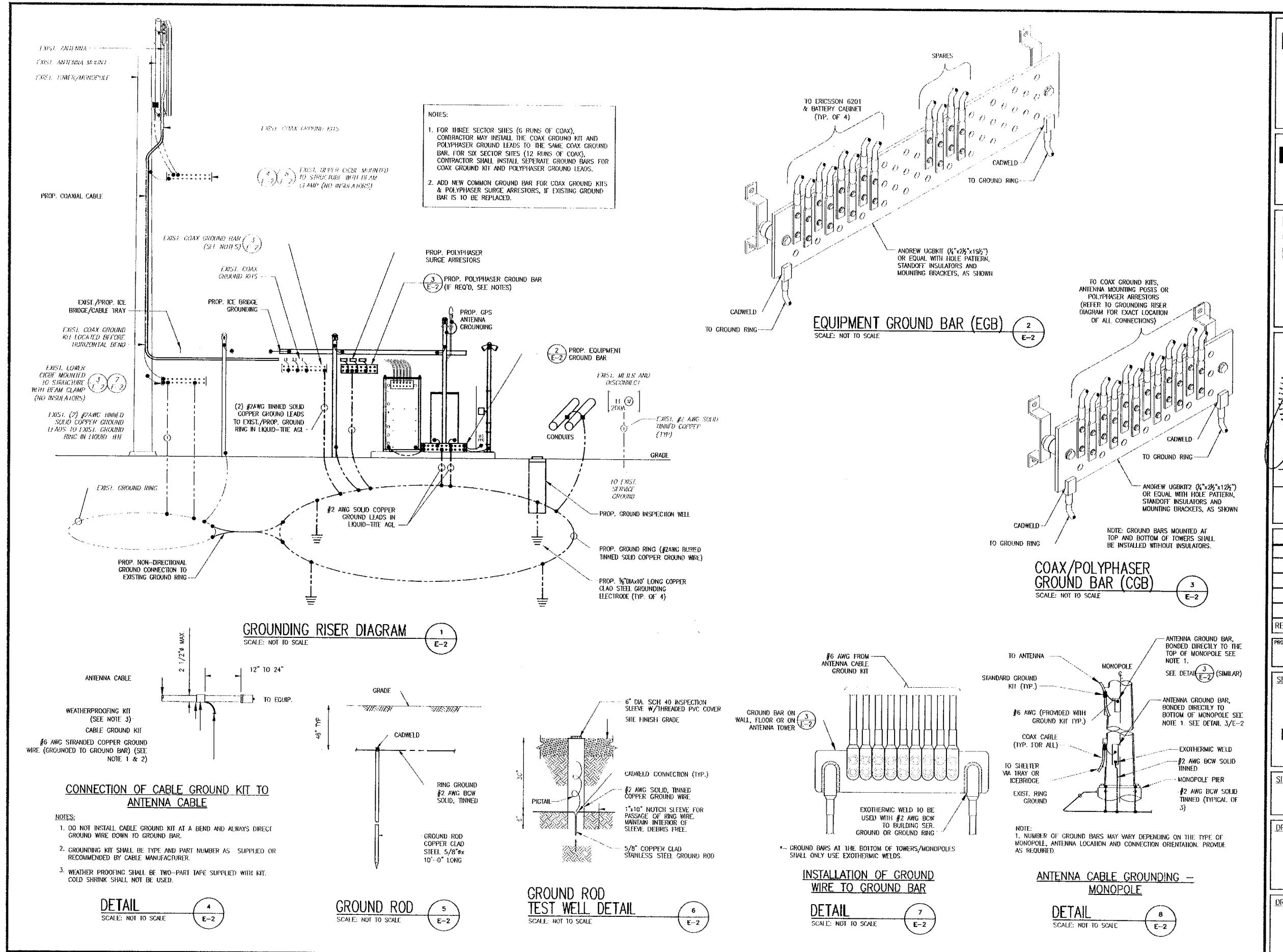
PROJECT NO. 1255.004 DESIGNED BY: JMT DRAWN BY: CMC AS SHOWN  
CHECK'D BY: JMT

SITE NAME: HFC0105A  
SPRINGWHICH  
MOUNTAIN STREET  
HARTFORD

SITE ADDRESS: 289 MOUNTAIN STREET  
HARTFORD, CT 06120

DRAWING TITLE: TITLE SHEET

DRAWING NO: T-1



metro 

285 BILLERICA ROAD  
THIRD FLOOR  
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(508) 481-7400

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BOSTON POST ROAD WEST, SUITE 10  
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(508) 481-7400  
[www.chappelengineering.com](http://www.chappelengineering.com)

## REVISIONS

12/20/12	ISSUED FOR CONSTRUCTION	
DATE	RECONSTRUCTION	

DESIGNER: JMT  
DRAWN BY: CMC  
CHECK'D BY: JMT  
SCALE: AS SHOWN  
DATE: 25.004

NAME: HFC0105A  
SPRINGWHICH  
MOUNTAIN STREET  
HARTFORD

ADDRESS:  
289 MOUNTAIN STREET  
MARTINSFORD, CT 06139

WING TITLE:

#### GROUNDING DETAILS

WING NO: E-2