

**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY
AN EXISTING TELECOMMUNICATIONS FACILITY AT
290 PRESTON AVENUE, MIDDLETOWN, CT**

ORIGINAL

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 290 Preston Avenue, Middletown, Connecticut. The telecommunications facility is owned by AT&T Towers and leased to MetroPCS.

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 October 10, 2008. The facility consists of a one hundred and forty-eight (148) 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 Selectmen's Office, Suffield, CT. A copy of this submission is also being sent to the Town of Middletown and Ernest and Brenda Trumpold, the property owners on which the tower is located.

RECEIVED
DEC 24 2012

CONNECTICUT
SITING COUNCIL

MetroPCS' Proposed Wireless Modifications Constitutes An "Exempt Modification"

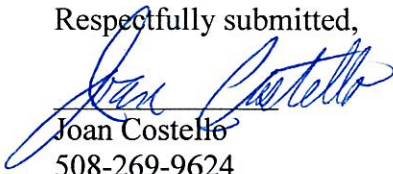
The proposed modification to the Preston Avenue Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

- 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,



Joan Costello
508-269-9624

On behalf of MetroPCS Massachusetts, LLC

cc: Town of Middletown
Mr. and Mrs. Trumpold

MetroPCS Massachusetts ID: HFC1492A

Document ID: Exempt Modification Request — 290 Preston Avenue, Middletown, CT

Exhibit 1

Site Plan

APPROVED
By Joe Boyd at 2:45 pm, Dec 11, 2012

APPROVED
By Frantz Pierre at 3:15 pm, Dec 11, 2012

APPROVED
By jrincon at 3:39 pm, Dec 11, 2012

metroPCS

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HFC1492A
AT&T 14635
290 PRESTON AVENUE
MIDDLETOWN, CT 06450
MIDDLESEX COUNTY

SITE TYPE: EQUIPMENT UPGRADE - MONOPOLE

SITE INFORMATION:

PROPERTY OWNER: ERNEST & BRENDA TRUMPOLD
PO BOX 1761
WALLINGFORD, CT 06492

TOWER OWNER: AT&T TOWERS
15 EAST MIDLAND AVENUE
PARAMUS, NJ 07652

TOWER OWNER SITE ID: CT1142

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

SITE ADDRESS: 290 PRESTON AVENUE
MIDDLETOWN, CT 06450

COUNTY: MIDDLESEX

LATITUDE: N 41.557418°

LONGITUDE: W 72.74326°

ZONING CLASSIFICATION: R-60 (RESIDENTIAL)

ZONING JURISDICTION: CITY OF MIDDLETOWN

TAX ID PARCEL NUMBER: 04-0020

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) 708-9992

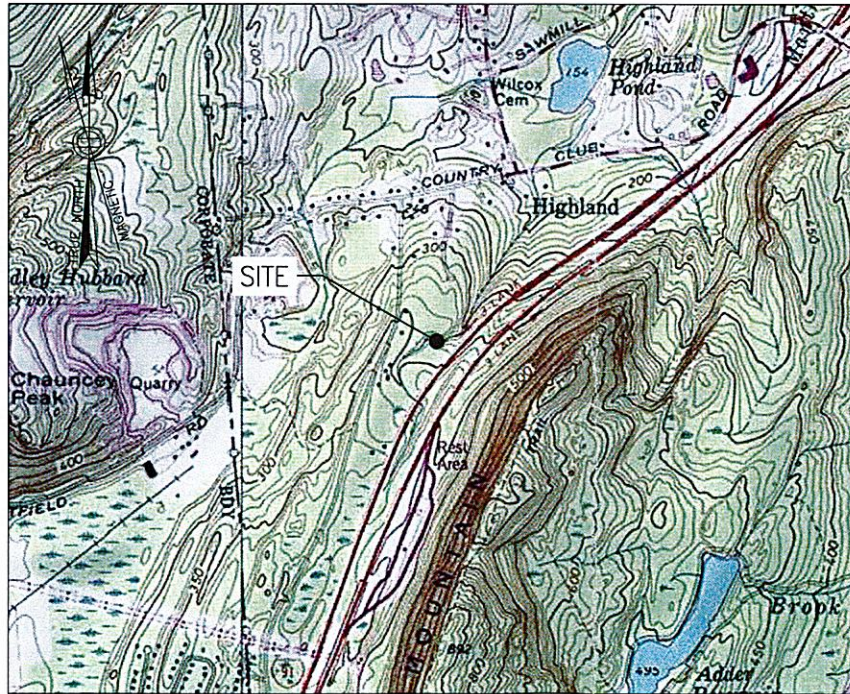
SITE ACQUISITION MANAGER: KELLIE DUNN
(978) 244-7200

CONSTRUCTION MANAGER: DAVE BEAN
(978) 244-7200

OPERATIONS MANAGER: MIKE WILBANKS
(978) 244-7200

VICINITY MAP

SCALE: 1"=1000'



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 9 FOR I-84 WEST TOWARD US-20/HARTFORD/NEW YORK CITY. TAKE EXIT FOR CT-15 SOUTH. TAKE EXIT 86 ONTO INTERSTATE 91 SOUTH. TAKE EXIT 20 AND TAKE A LEFT ONTO MIDDLE STREET. TAKE FIRST RIGHT ONTO COUNTRY CLUB ROAD. TAKE SECOND LEFT ONTO PRESTON AVENUE. SITE IS LOCATED ON THE LEFT.

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

- 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 SUPPLY IS 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.

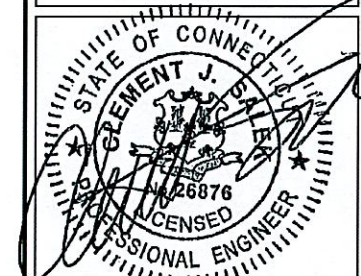
DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE PROJECT 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
Civil-Structural-Land Surveying
R.K. EXECUTIVE CENTRE
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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
1	12/07/12	REVISED FOR CONSTRUCTION
0	11/26/12	ISSUED FOR CONSTRUCTION

PROJECT NO. 1255.080	DESIGNED BY: JMT DRAWN BY: DJJ CHECK'D BY: JMT	SCALE: AS SHOWN
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SITE NAME:

HFC1492A
AT&T 14635

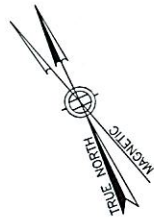
SITE ADDRESS:
290 PRESTON AVENUE
MIDDLETOWN, CT 06450

DRAWING TITLE:

TITLE SHEET

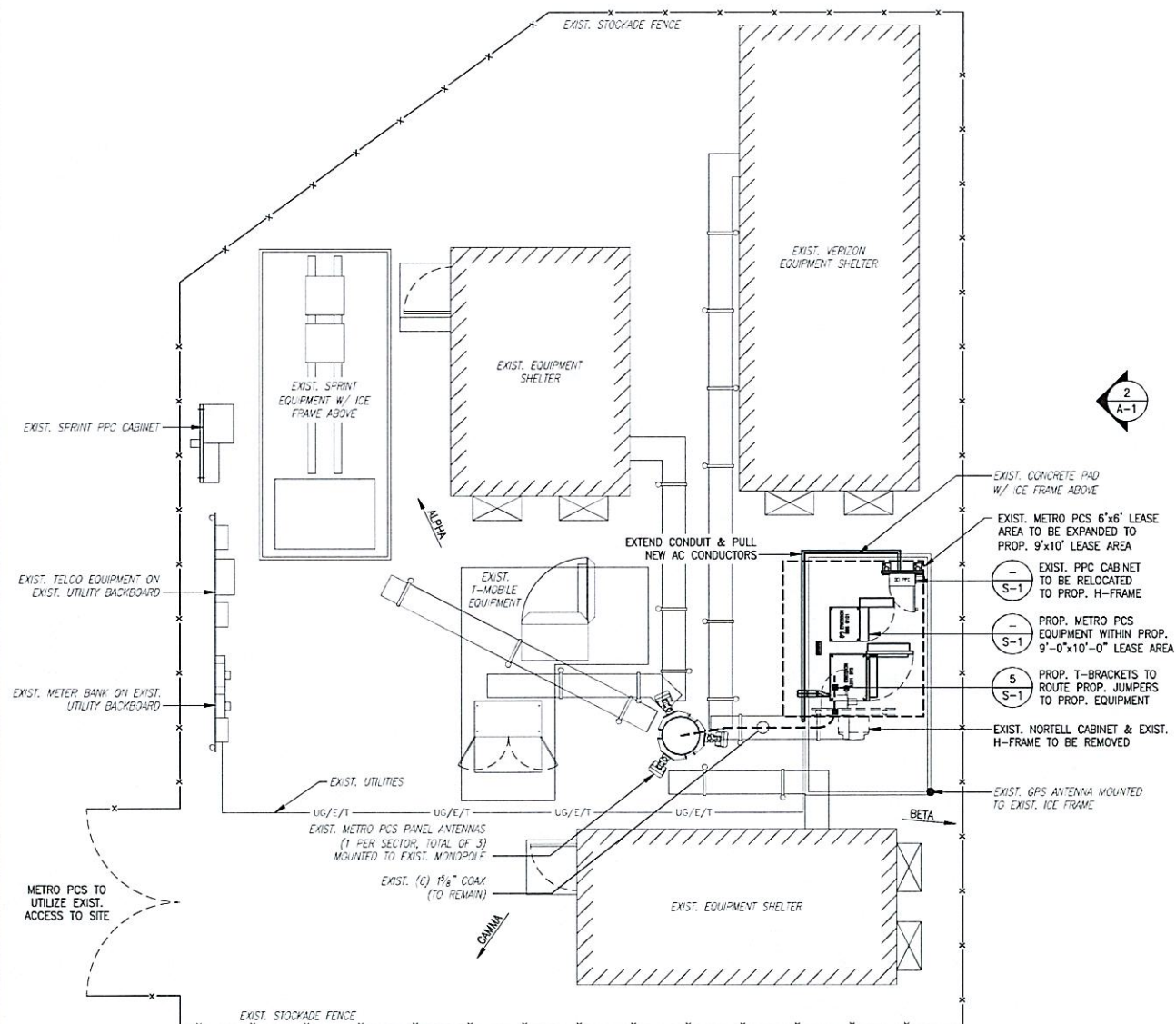
DRAWING NO:

T-1



SITE NOTES

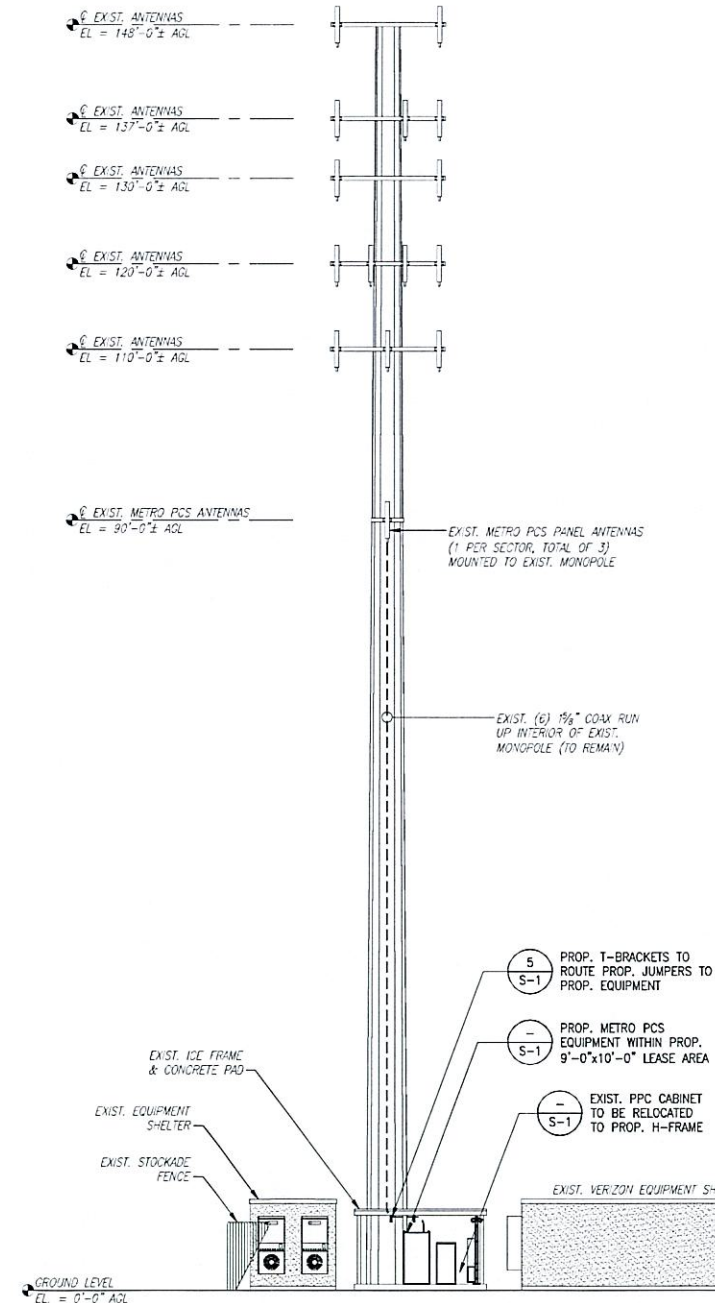
1. EXIST. METRO PCS 6'x6' LEASE AREA TO BE EXPANDED TO PROP. 9'x10' LEASE AREA.
2. EXISTING 100A ELECTRIC SERVICE TO REMAIN. EXTEND CONDUIT & PULL NEW AC CONDUCTORS.
3. EXISTING TELCO CONDUIT TO REMAIN & BE EXTENDED AS SHOWN. INSTALL NEW 25 PAIR, 24 GAUGE ICXY-PIC CABLE, AS DIRECTED BY METRO PCS.
4. INSTALL NEW COAX GROUND BAR FOR GROUND KITS & POLYPHASE SURGE ARRESTORS AS REQUIRED.
5. INSTALL NEW EQUIPMENT ADJACENT TO EXISTING H-FRAME.
6. INSTALL LONGER JUMPERS TO CONNECT PROPOSED EQUIPMENT.



COMPOUND PLAN

SCALE: 1" = 5'-0"

1
A-1



TOWER ELEVATION

SCALE: 1" = 10'-0"

2
A-1

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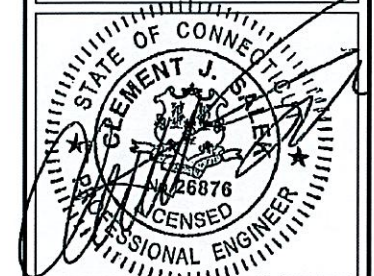
285 BILLERICA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
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FAX (978) 244-7240

ERICSSON

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TEL (972) 583-0000

**CHAPPELL
ENGINEERING
ASSOCIATES, LLC**

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SITE NAME:

HFC1492A
AT&T 14635

SITE ADDRESS:

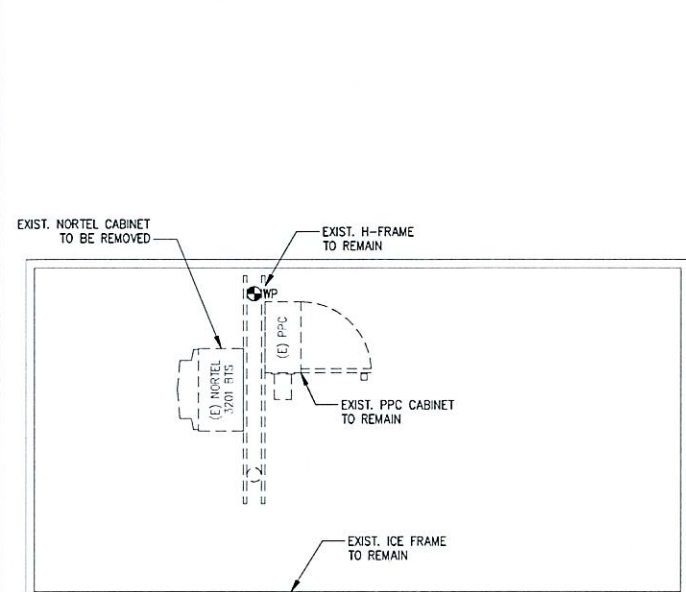
290 PRESTON AVENUE
MIDDLETOWN, CT 06450

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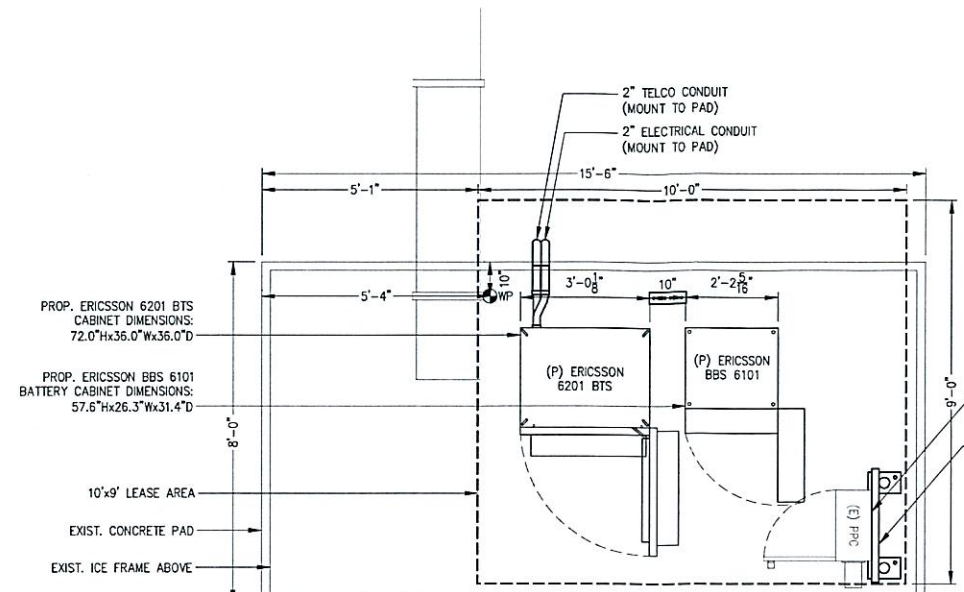
COMPOUND PLAN &
ELEVATION

DRAWING NO:

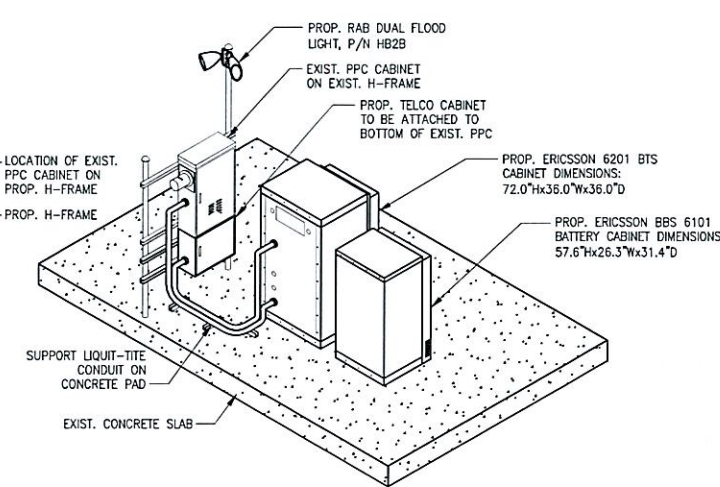
A-1



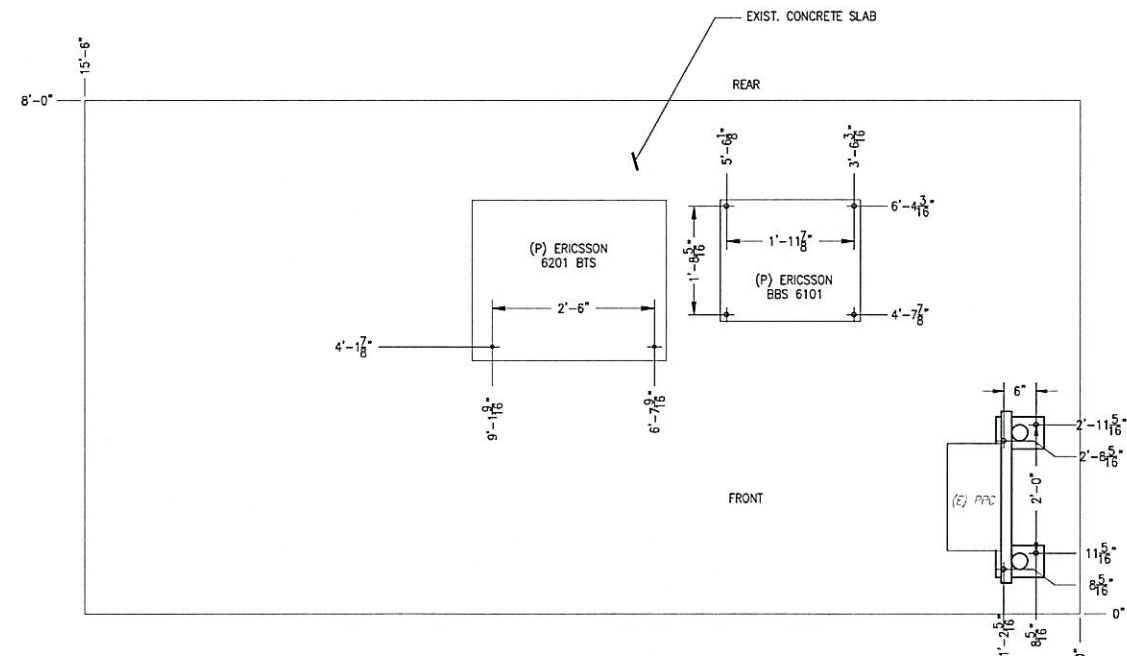
EXISTING EQUIPMENT PLAN
SCALE: 1/2" = 1'-0"
1
S-1



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

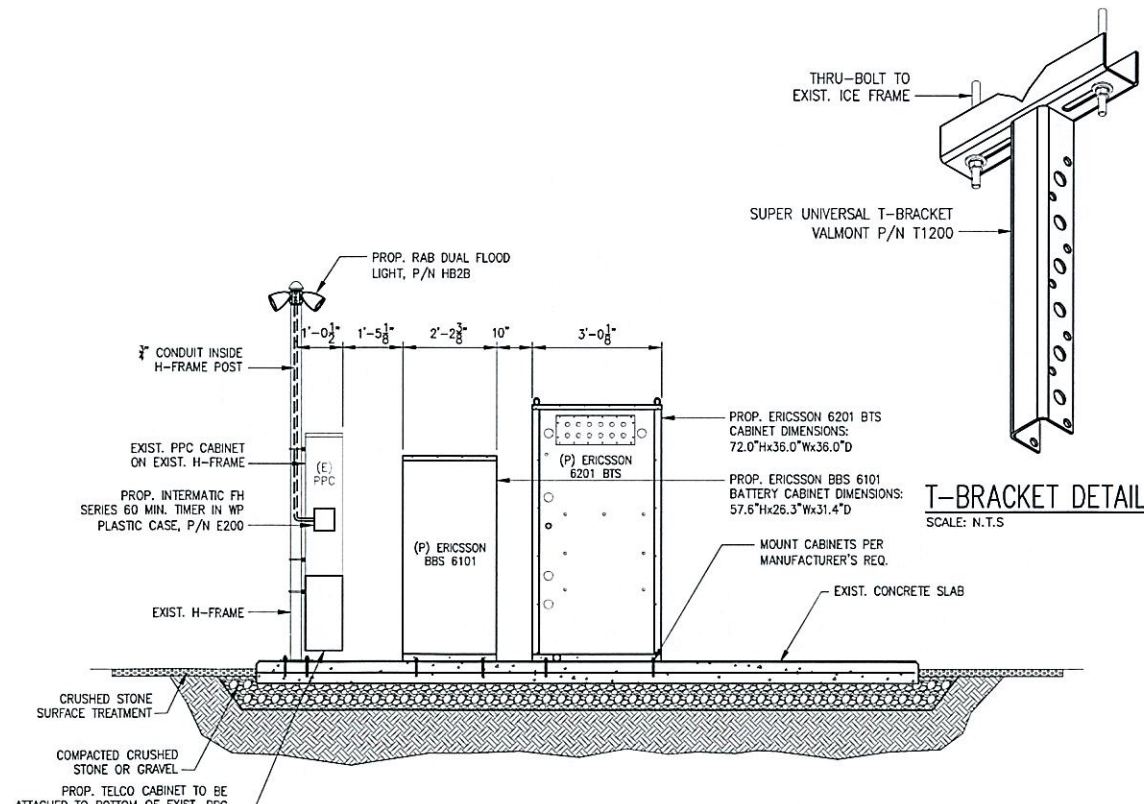


EQUIPMENT LAYOUT DETAIL
SCALE: N.T.S.
7
S-1



- NOTES:
1. MOUNT CABINETS TO CONCRETE PAD PER MANUFACTURER'S REQUIREMENTS.
 2. PROVIDE 3'-0" MIN SERVICE ACCESS IN FRONT AND REAR OF ALL CABINETS.
 3. MOUNT PPC TO CONCRETE WITH PROVIDED HARD RUBBER GASKET TO MINIMIZE CORROSION.

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



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

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STATE OF CONNECTICUT
J. GREMENT J.
No. 26876
LICENSED PROFESSIONAL ENGINEER
ENGINEER/LAND SURVEYOR DATE
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PROJECT NO.	DESIGNED BY: JMT	SCALE: AS SHOWN
1255.080	DRAWN BY: DJK	
	CHECK'D BY: JMT	

SITE NAME:
**HFC1492A
AT&T 14635**

SITE ADDRESS:
290 PRESTON AVENUE
MIDDLETOWN, CT 06450

DRAWING TITLE:
**EQUIPMENT PLAN,
SECTIONS & DETAILS**

DRAWING NO:
S-1

MetroPCS Massachusetts ID: HFC1492A

Document ID: Exempt Modification Request — 290 Preston Avenue, Middletown, CT

Exhibit 2

Power Density Calculation

Power Density Calculations

Control Number	Site	Carrier	#Channels	ERP/Ch	Ant Ht	Power Density (mW/cm2)
EM-Pocket-083-081212	Middletown - 290 Preston Avenue	metroPCS CDMA	3	727	90	0.0968
TS-SPRINT-083-010731	Middletown - 290 Preston Avenue	Sprint	11	588.23	129	0.0001
EM-CING-083-020605	Middletown - 290 Preston Avenue	Nextel	9	100	117.5	0.0234
EM-VER-083-100225	Middletown - 290 Preston Avenue	Verizon	9	289	110	0.0773
EM-VER-083-100225	Middletown - 290 Preston Avenue	Verizon	3	446	110	0.0398
EM-VER-083-100225	Middletown - 290 Preston Avenue	Verizon	1	701	110	0.0208
EM-CING-033-080-083-060525	Middletown - 290 Preston Avenue	Cingular UMTS	1	500	137	0.0096
EM-CING-033-080-083-060525	Middletown - 290 Preston Avenue	Cingular	20	250	137	0.0958
EM-CING-033-080-083-060525	Middletown - 290 Preston Avenue	Cingular	3	427	137	0.0245
Middletown - 290 Preston Avenue		metroPCS LTE	1	1200	90	0.0533

MHz	S	%MPE	Site Total
2135	1.0000	9.68%	
1962.5	1.0000	0.01%	
851	0.5673	4.13%	
869	0.5793	13.34%	
1970	1.0000	3.98%	
757	0.5047	4.13%	
1935	1.0000	0.96%	
880	0.5867	16.33%	
1930	1.0000	2.45%	55.01%
2130	1.0000	5.33%	60.34%