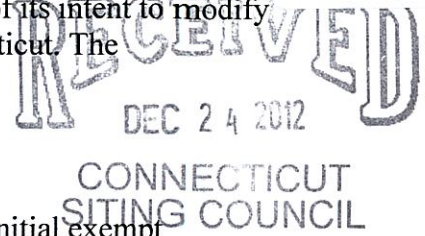


ORIGINAL

EM-METROPCS-083-121224B - MA

**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY
AN EXISTING TELECOMMUNICATIONS FACILITY AT
90 INDUSTRIAL PARK ROAD, MIDDLETOWN, 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 90 Industrial Park Road, Middletown, Connecticut. The telecommunications facility is owned by TMobile 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 28, 2008. The facility consists of a one hundred and eight-five (185') 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 Mayor's Office, Middletown, CT. A copy of this submission is also being sent to Philip Armetta, the property owner on which the tower is located.

MetroPCS' Proposed Wireless Modifications Constitutes An "Exempt Modification"

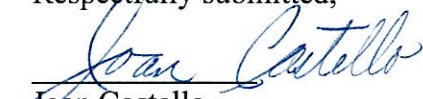
The proposed modification to the Industrial Park Road Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

- 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: Mayor of Middletown, CT
Philip Armetta

MetroPCS Massachusetts ID: HFC0682A

Document ID: Exempt Modification Request — 90 Industrial Park Road, Middletown, CT

Exhibit 1

Site Plan

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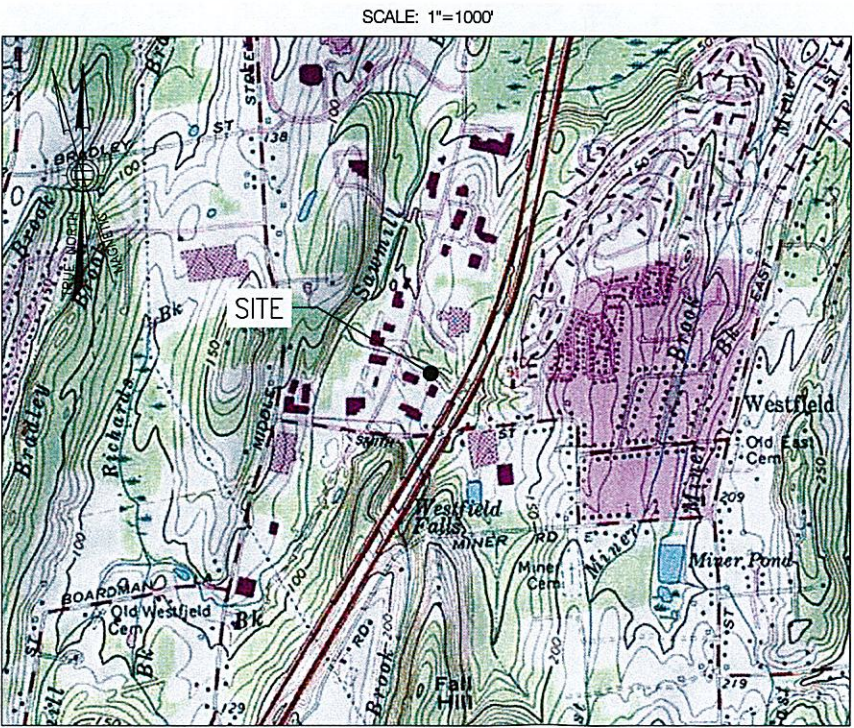
HFC0682A
90 INDUSTRIAL PARK ROAD
90 INDUSTRIAL PARK ROAD
MIDDLETOWN, CT 06457
MIDDLESEX COUNTY

SITE TYPE: EQUIPMENT UPGRADE - MONOPOLE

SITE INFORMATION:

PROPERTY OWNER: PHILIP ARMETTA
APPLICANT: MetroPCS MASSACHUSETTS, LLC
SITE ADDRESS: 90 INDUSTRIAL PARK DRIVE
COUNTY: MIDDLESEX
LATITUDE: N 41.585638°
LONGITUDE: W 72.71394°
ZONING CLASSIFICATION: IT (INTERSTATE TRADE)
ZONING JURISDICTION: CITY OF MIDDLETOWN
TAX ID PARCEL NUMBER: 06-0018
ARCHITECT / ENGINEER: CHAPPELL ENGINEERING ASSOCIATES, LLC
POWER COMPANY: CONNECTICUT LIGHT & POWER
TELEPHONE COMPANY: AT&T CONNECTICUT
SITE ACQUISITION MANAGER: KELLIE DUNN
CONSTRUCTION MANAGER: DAVE BEAN
OPERATIONS MANAGER: MIKE WILBANKS

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 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 21 ONTO CT-372 TOWARDS NEW HAVEN. MERGE ONTO INDUSTRIAL PARK ROAD. SITE IS LOCATED 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), E-1 (ONE-LINE DIAGRAM, RISER, DETAILS & NOTES), 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. 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.

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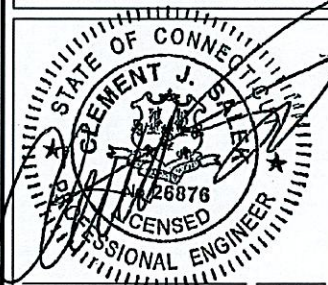
285 BILLERICA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
TEL (978) 244-7000
FAX (978) 244-7240

ERICSSON

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

CHAPPELL
ENGINEERING
ASSOCIATES, LLC

Civil • Structural • Land Surveying
R.K. EXECUTIVE CENTRE
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

Table with 3 columns: REV. #, DATE, DESCRIPTION. Row 0: 11/26/12 ISSUED FOR CONSTRUCTION.

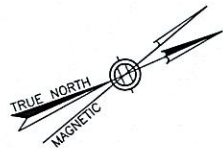
Table with 3 columns: PROJECT NO., DESIGNED BY, SCALE. Values: 1255.076, JMT, AS SHOWN.

SITE NAME:
HFC0682A
90 INDUSTRIAL PARK ROAD

SITE ADDRESS:
90 INDUSTRIAL PARK ROAD
MIDDLETOWN, CT 06457

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 200A ELECTRIC SERVICE TO REMAIN & BE RECONNECTED TO PPC.
3. EXISTING TELCO CONDUIT TO REMAIN. INSTALL NEW 25 PAIR, 24 GAUGE RY-KY-PIC CABLE, AS DIRECTED BY METRO PCS.
4. INSTALL NEW COAX GROUND BAR FOR GROUND KITS & POLYPHASE SURGE ARRESTORS.
5. INSTALL NEW CONCRETE PAD & EQUIPMENT TO REPLACE EXISTING H-FRAME.

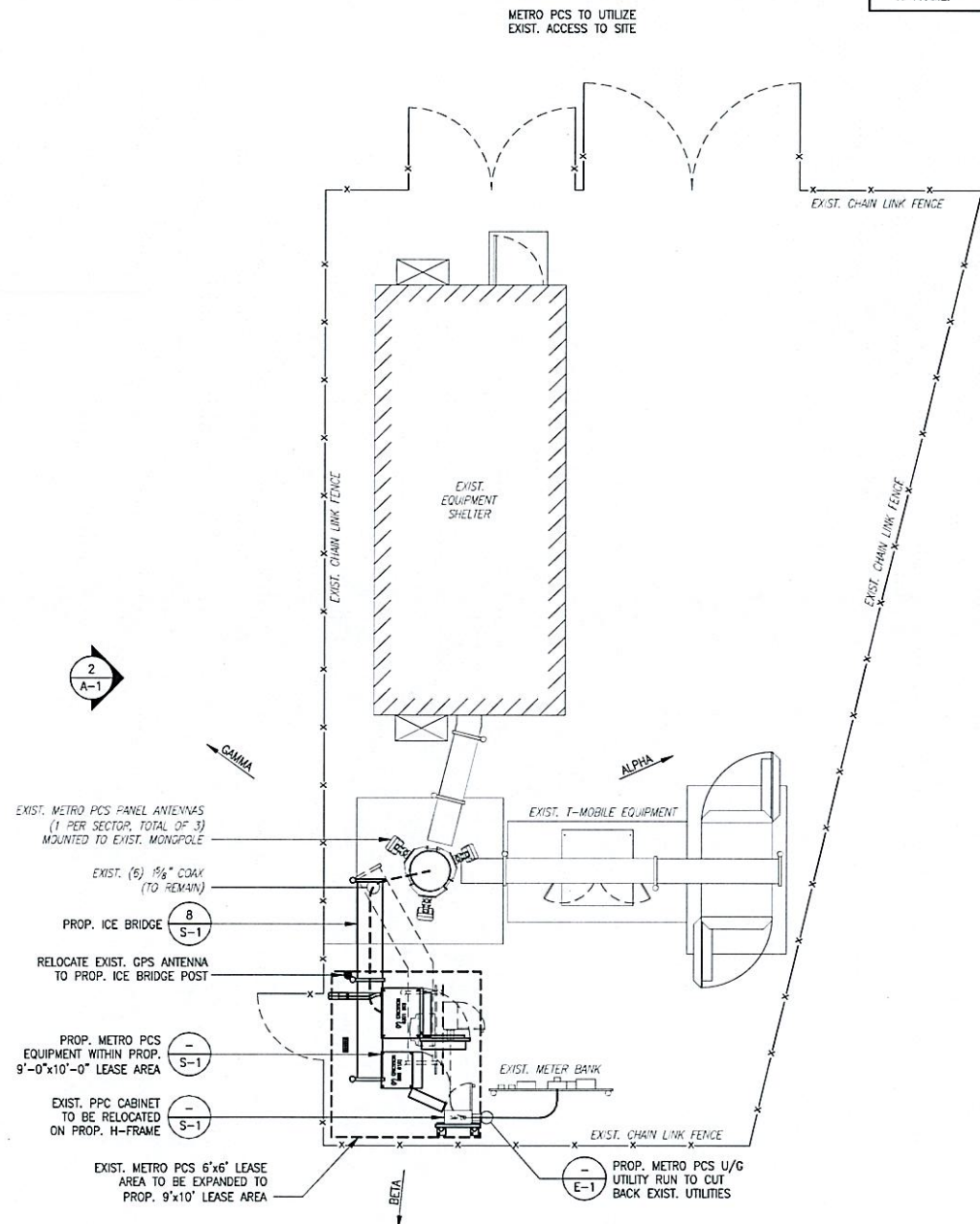
EXIST. ANTENNAS
EL = 185'-0" ± AGL

EXIST. ANTENNAS
EL = 175'-0" ± AGL

EXIST. METRO PCS ANTENNAS
EL = 165'-0" ± AGL

EXIST. METRO PCS PANEL ANTENNAS
(1 PER SECTOR, TOTAL OF 3)
MOUNTED TO EXIST. MONOPOLE

EXIST. (6) 1/2" COAX RUN
UP INTERIOR OF EXIST.
MONOPOLE (TO REMAIN)

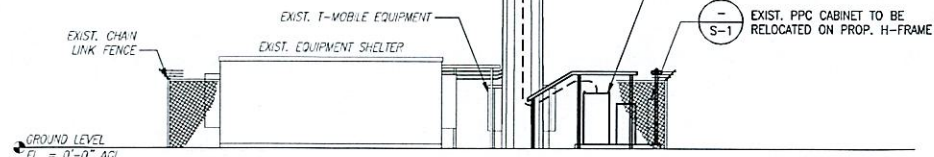


COMPOUND PLAN

SCALE: 1" = 5'-0"

0 2.5' 5' 10' 15'

1
A-1



TOWER ELEVATION

SCALE: 1" = 10'-0"

0 5' 10' 20' 30'

2
A-1

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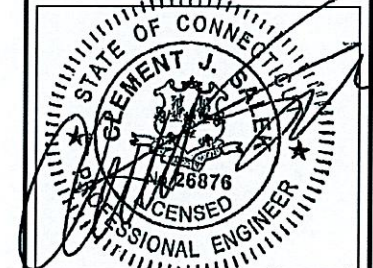
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REV. #	DATE	DESCRIPTION
0	11/26/12	ISSUED FOR CONSTRUCTION

PROJECT NO.	DESIGNED BY: JMT	SCALE:
1255.076	DRAWN BY: DKJ	AS SHOWN
	CHECKED BY: JMT	

SITE NAME:

HFC0682A
90 INDUSTRIAL
PARK ROAD

SITE ADDRESS:

90 INDUSTRIAL PARK ROAD
MIDDLETOWN, CT 06457

DRAWING TITLE:

COMPOUND PLAN &
ELEVATION

DRAWING NO:

A-1

metroPCS.
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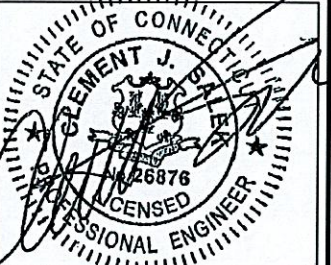
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REVISIONS		
REV. #	DATE	DESCRIPTION
0	11/28/12	ISSUED FOR CONSTRUCTION

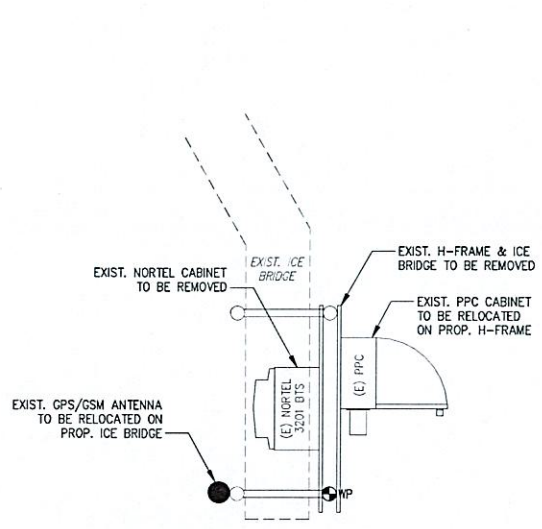
PROJECT NO.	DESIGNED BY:	SCALE:
1255.076	JMT	AS SHOWN
DRAWN BY:	CHECK'D BY:	
DKJ	JMT	

SITE NAME:
HFC0682A
90 INDUSTRIAL
PARK ROAD

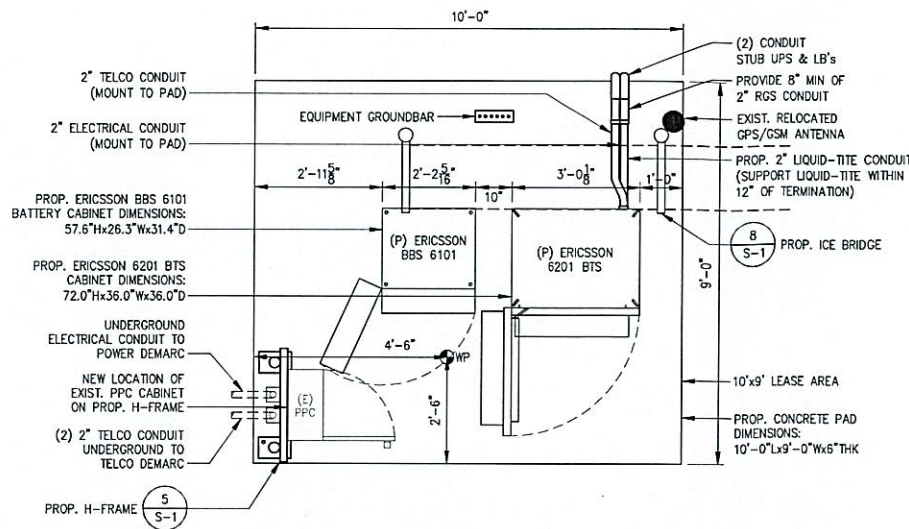
SITE ADDRESS:
90 INDUSTRIAL PARK ROAD
MIDDLETOWN, CT 06457

DRAWING TITLE:
EQUIPMENT PLAN,
SECTIONS & DETAILS

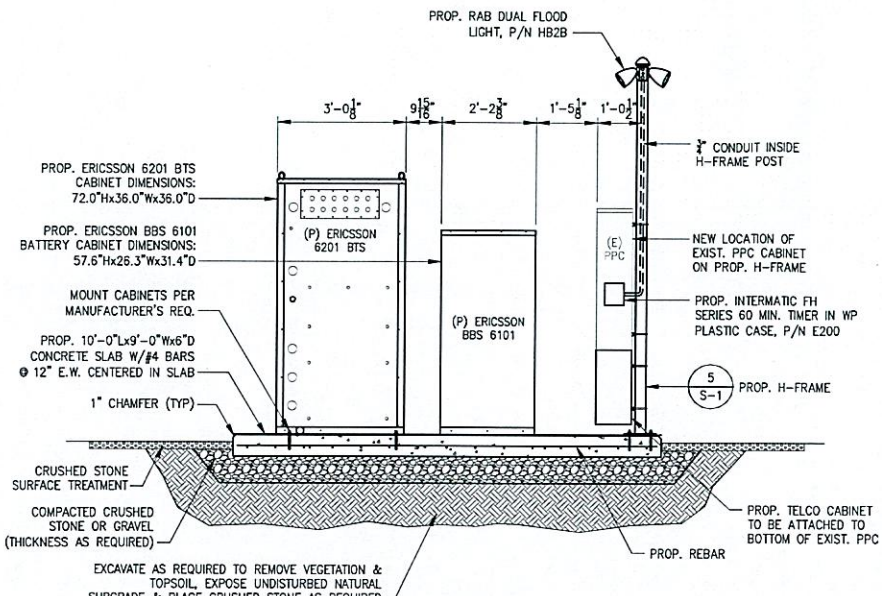
DRAWING NO.:
S-1



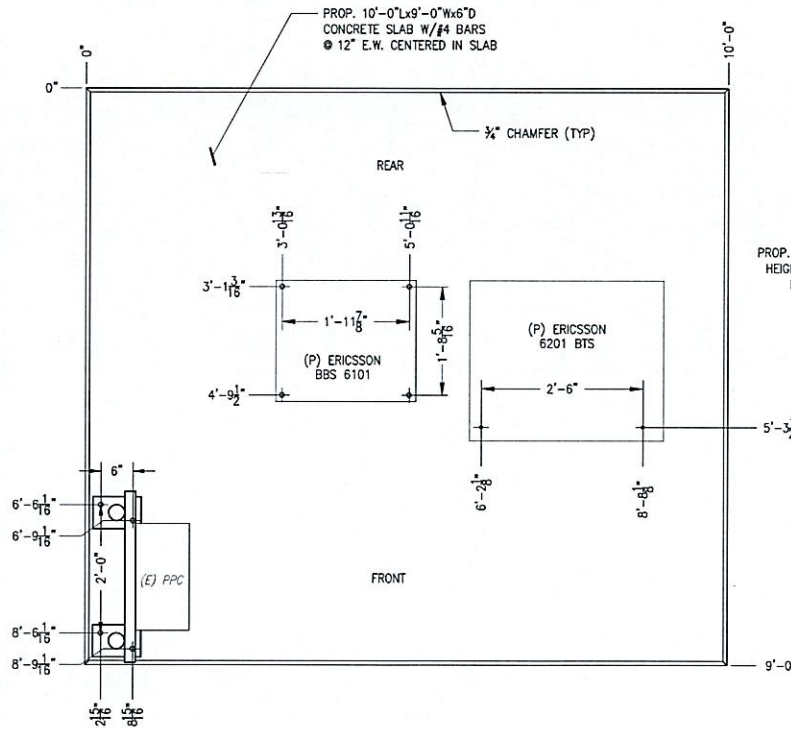
EXISTING EQUIPMENT PLAN
SCALE: 1/2" = 1'-0"
1 S-1



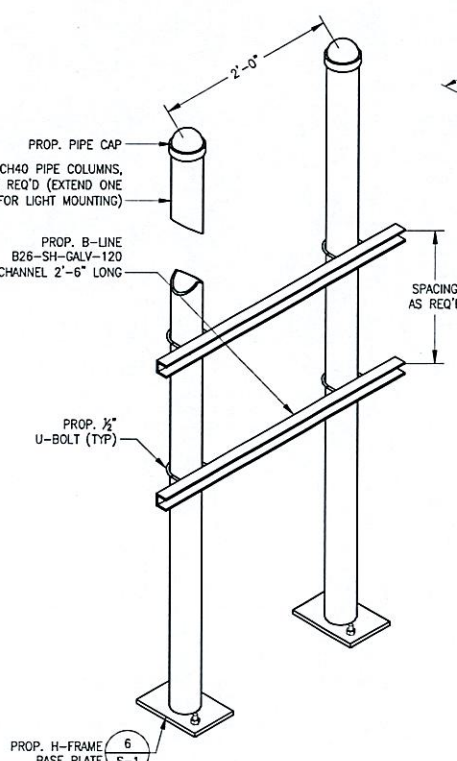
PROPOSED EQUIPMENT PLAN
SCALE: 1/2" = 1'-0"
2 S-1



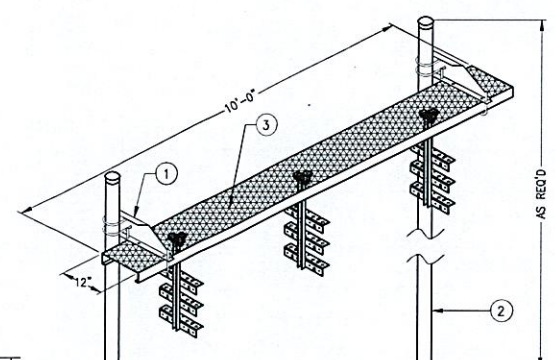
SECTION AT EQUIPMENT PAD
SCALE: 1/2" = 1'-0"
3 S-1



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

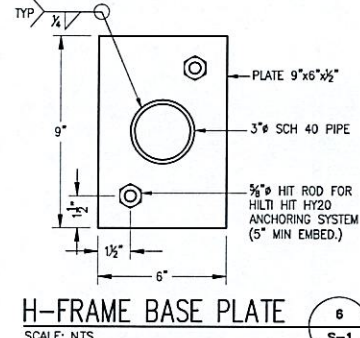


H-FRAME
SCALE: NTS
5 S-1

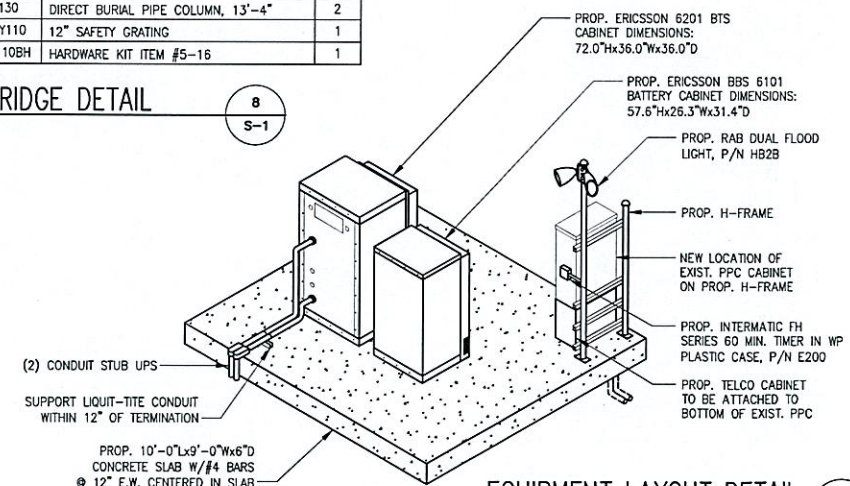


ITEM	PART NO.	DESCRIPTION	QTY.
1	WBLB123.06	12" WAVEGUIDE BRIDGE SUPPORT BRACKET	2
2	MF-130	DIRECT BURIAL PIPE COLUMN, 13'-4"	2
3	WB-CY110	12" SAFETY GRATING	1
4	WB-K110BH	HARDWARE KIT ITEM #5-16	1

CABLE BRIDGE DETAIL
SCALE: NTS
8 S-1



H-FRAME BASE PLATE
SCALE: NTS
6 S-1



EQUIPMENT LAYOUT DETAIL
SCALE: NTS
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.

MetroPCS Massachusetts ID: HFC0682A

Document ID: Exempt Modification Request — 90 Industrial Park Road, Middletown, CT

Exhibit 2

Power Density Calculation

Power Density Calculation

Control Number	Site	Carrier	#Channels	ERP/Ch	Ant Ht
EM-T-Mobile-083-090409	Middletown - 90 Industrial Park Road	T-Mobile GSM	8	113	185
EM-T-Mobile-083-090409	Middletown - 90 Industrial Park Road	T-Mobile UMTS	2	639	185
EM-Pocket-083-081003	Middletown - 90 Industrial Park Road	metroPCS CDMA	3	727	165
EM-CING-083-120827	Middletown - 90 Industrial Park Road	AT&T UMTS	2	565	175
EM-CING-083-120827	Middletown - 90 Industrial Park Road	AT&T UMTS	2	875	175
EM-CING-083-120827	Middletown - 90 Industrial Park Road	AT&T GSM	1	283	175
EM-CING-083-120827	Middletown - 90 Industrial Park Road	AT&T GSM	4	525	175
EM-CING-083-120827	Middletown - 90 Industrial Park Road	AT&T LTE	1	1313	175
EM-Pocket-083-081003	Middletown - 90 Industrial Park Road	metroPCS LTE	1	1200	165

Power Density (mW/cm ²)	MHz	S	%MPE	Site Total
0.0095	1945	1.0000	0.95%	
0.0134	2100	1.0000	1.34%	
0.0288	2135	1.0000	2.88%	
0.0133	880	0.5867	2.26%	
0.0205	1900	1.0000	2.05%	
0.0033	880	0.5867	0.57%	
0.0247	1900	1.0000	2.47%	
0.0154	734	0.4893	3.15%	15.67%
0.0158	2130	1.0000	1.58%	17.26%