



PLANS P  
 URS  
 10 Corporate Drive, S

Reviewed for Code Compliance  
 Inspections Division  
 Approved with Conditions

Date: 10/14/14

PROJECT  
**853419-LAFAYETTE**  
**APARTMENTS**  
 638 CONGRESS STREET  
 PORTLAND, ME 04101  
 (CUMBERLAND COUNTY)

PLANS PREPARED BY:

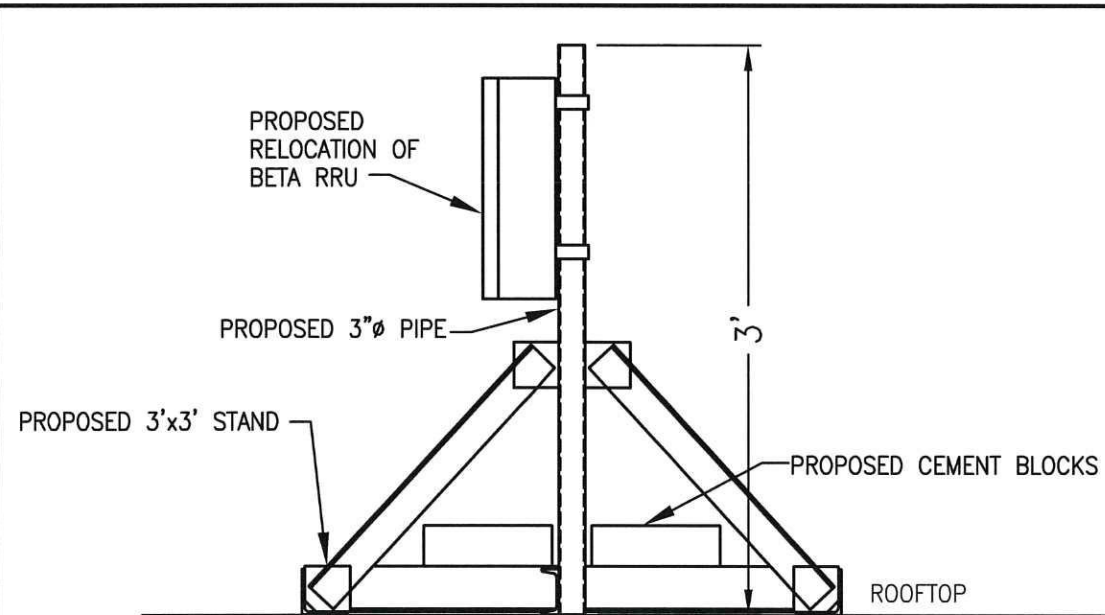
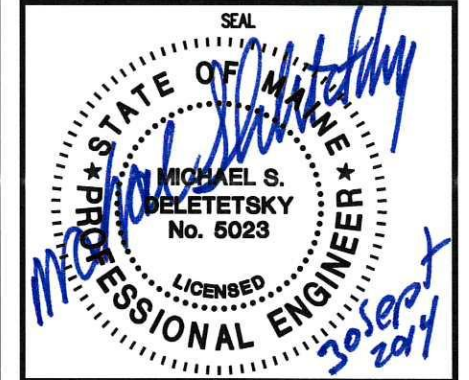


511 Congress St, Portland ME 04101  
 P: (207) 828-2623 F: (207) 774-1246 www.amec.com

PROJECT COORDINATION & MANAGEMENT:

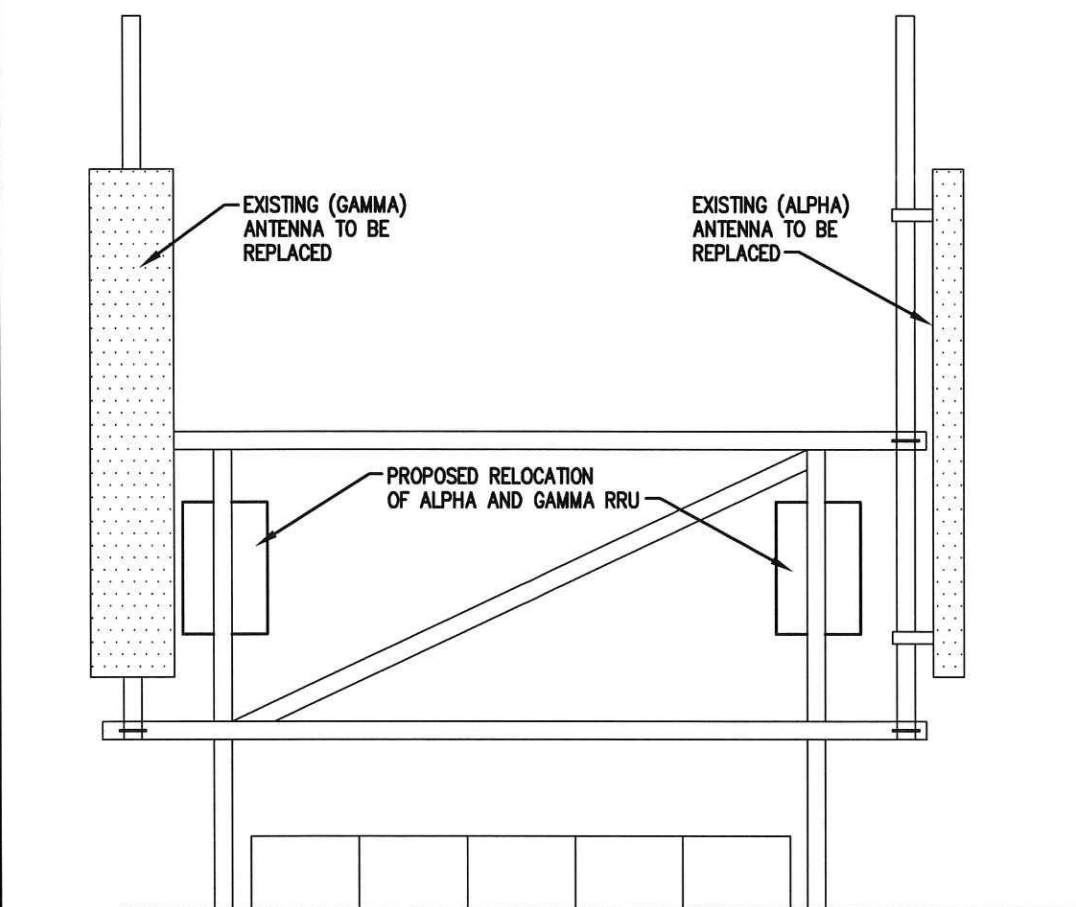
**KJK Wireless, LLC**

127 Ridge Road, Nashua, NH 03062  
 Phone: (603) 888-8974



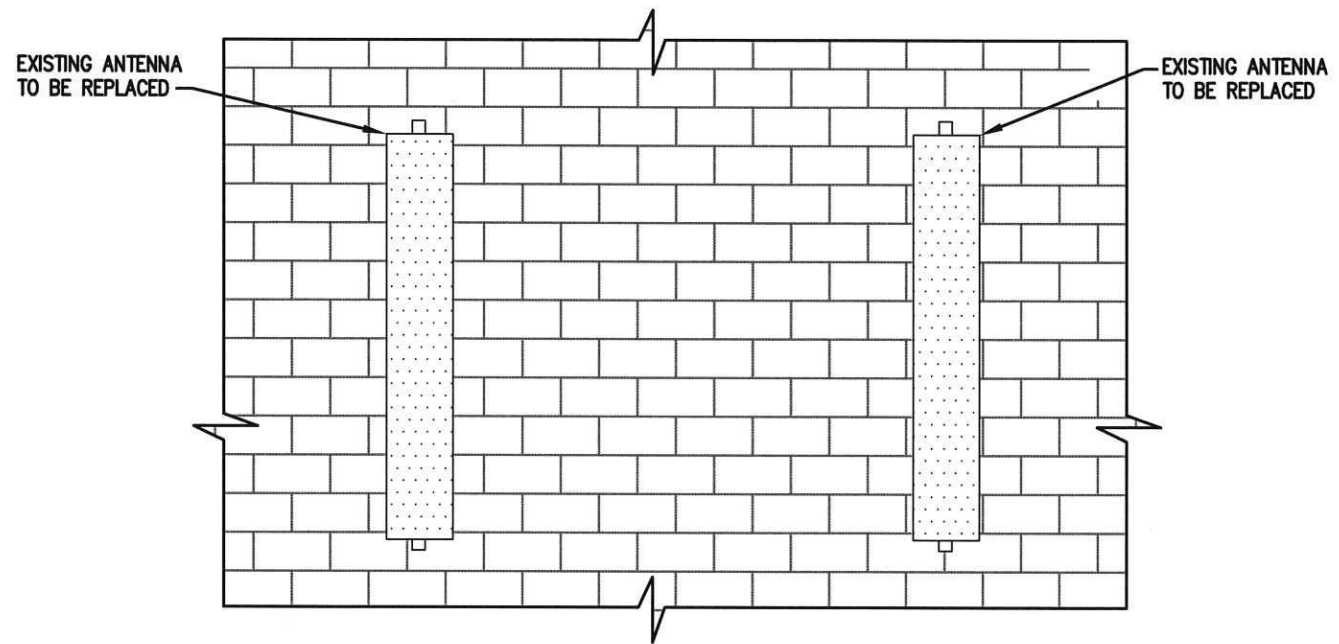
**PROPOSED BETA RRU STAND**

SCALE: N.T.S.



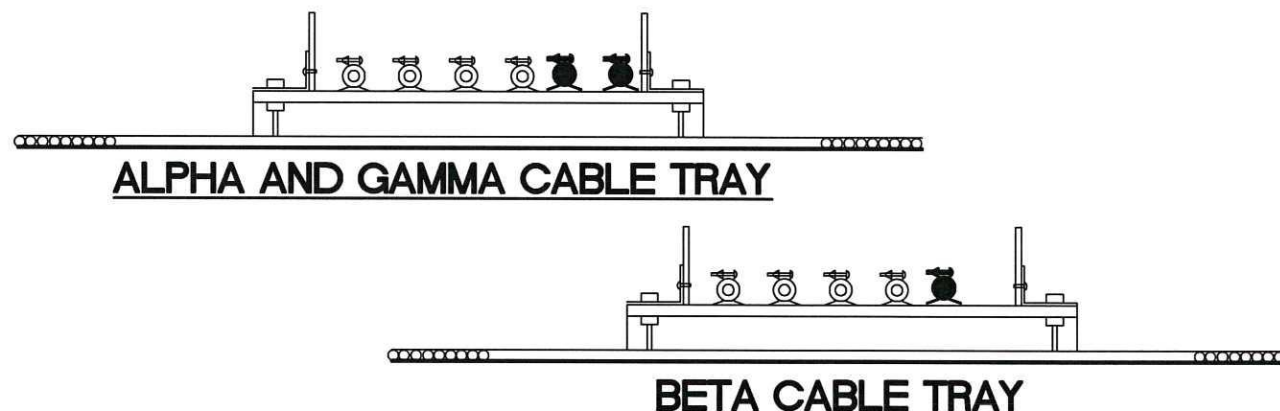
**EXISTING ALPHA AND GAMMA SLED MOUNT**

SCALE: N.T.S.



**EXISTING BETA ANTENNA MOUNTED TO SIDE OF BUILDING**

SCALE: N.T.S.



**PROPOSED CABLE TRAY CONFIGURATION**

SCALE: N.T.S.

**EXISTING ANTENNA/COAX SCHEDULE**

SECTOR	MANUFACTURER (MODEL #)	MOUNTING HEIGHT	AZIMUTH	COAX SIZE	NOTES
ALPHA	FR65-17-04DP	☉ 91'-0"	300°	(2) 1 5/8"	ANTENNA TO BE REMOVED, CABLES TO REMAIN AND BE ATTACHED TO PROPOSD ANTENNA
BETA	FV65-17-04DP	☉ 81'-6"	100°	(2) 1 5/8"	
BETA	FV65-17-04DP	☉ 81'-6"	100°	(2) 1 5/8"	
GAMMA	FR65-17-04DP	☉ 91'-0"	210°	(2) 1 5/8"	

**PROPOSED ANTENNA/COAX SCHEDULE**

SECTOR	TECHNOLOGY	MANUFACTURER (MODEL #)	MOUNTING HEIGHT	AZIMUTH	COAX SIZE	COAX LENGTH
ALPHA	LTE BAND 2	800 10510V01 (QUAD PORT)	☉ 91'-0"	300°	(2) 1 5/8"	240'±
BETA	LTE BAND 2	BXA-185063-BCF-EDIN-2	☉ 81'-6"	100°	(2) 1 5/8"	290'±
BETA	LTE BAND 2	BXA-185040-BCF-EDIN-4	☉ 81'-6"	100°	(2) 1 5/8"	290'±
GAMMA	LTE BAND 2	800 10510V01 (QUAD PORT)	☉ 91'-0"	210°	(2) 1 5/8"	240'±

PLEASE REFER TO ONE-LINE DIAGRAM (E-1) FOR WIRING SCHEMATIC

REV	DATE	ISSUED FOR
△	9/30/14	ISSUED FOR CONSTRUCTION

PROJECT NO: 3618148348

DRAWN BY: CBM

RELEASED BY: MSD

SHEET TITLE

**ANTENNA MOUNTING  
 DETAILS AND COAX  
 LAYOUT**

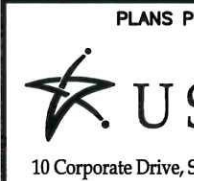
SHEET NUMBER

**C-4**

REVISION:

**0**





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**APARTMENTS**  
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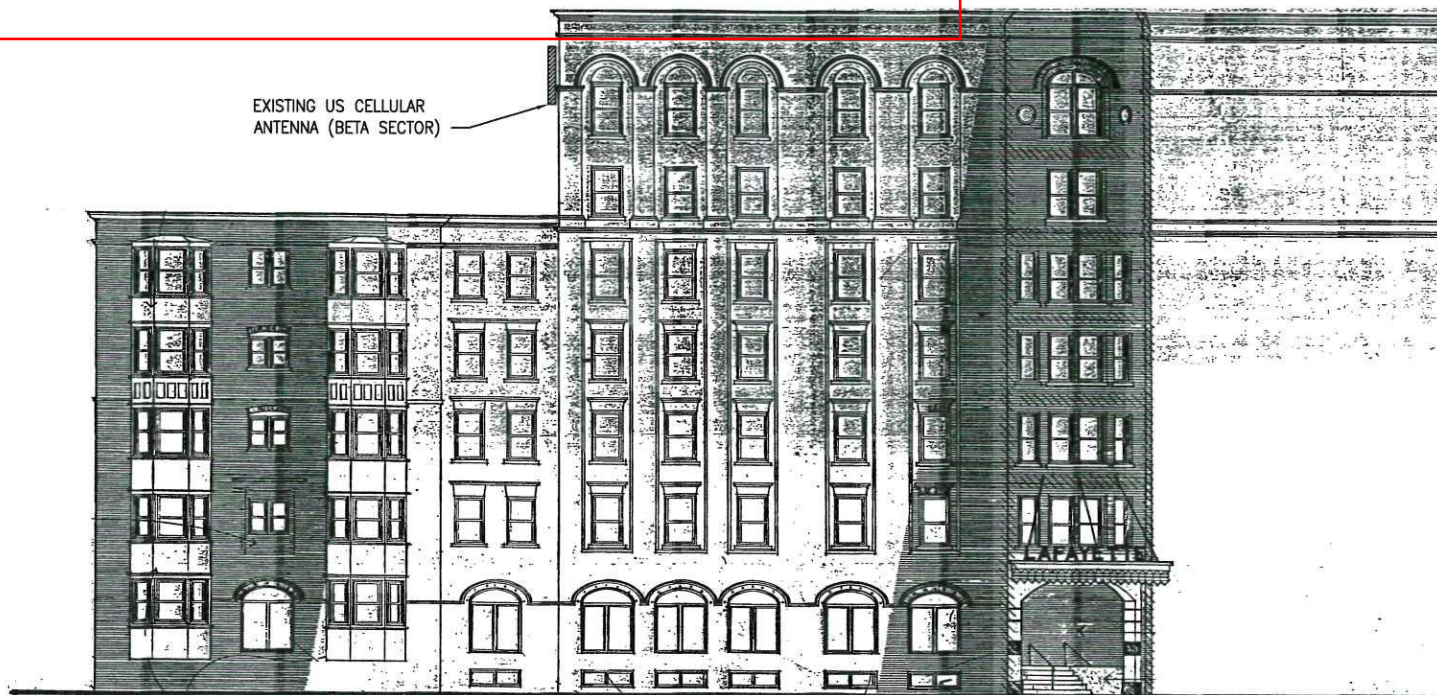
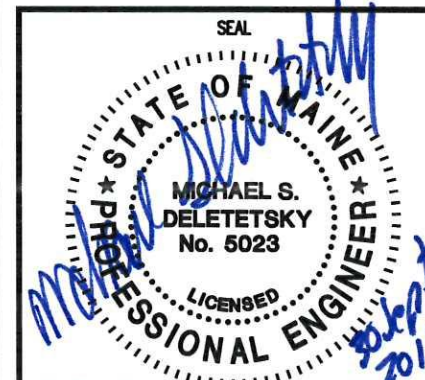
PLANS PREPARED BY:



511 Congress Street Suite 200, Portland ME 04101  
P: (207) 775-5401 F: (207) 772-4762 www.amec.com

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EXISTING US CELLULAR  
ANTENNA (BETA SECTOR)

**PARK STREET ELEVATION**

SHEET NO.	DESCRIPTION	DATE	REV. NO.
C-1	BUILDING ELEVATIONS	9/30/14	0
C-2	ROOFTOP PLAN	9/30/14	0
C-3	EXISTING EQUIPMENT LAYOUT AND ELEVATIONS	9/30/14	0
C-4	ANTENNA MOUNTING DETAIL AND COAX LAYOUT	9/30/14	0
E-1	ONE-LINE DIAGRAM	9/30/14	0

SHEET INDEX



EXISTING ANTENNAS (ALPHA AND GAMMA) MOUNTED ON ROOFTOP SLED

Elev.=93.00' (AGL)  
Top of Penthouse

EXISTING ANTENNA WHIPS

Elev.=83.00' (AGL)  
Rooftop

Elev.=0.00

**BUILDING ELEVATION**

NOTES:  
NOTES:  
1. CONTRACTOR PLEASE REFER TO ANTENNA MAPPING AND STRUCTURAL ANALYSIS PERFORMED BY AMEC ENVIRONMENT & INFRASTRUCTURE, INC.. DATED 9-30-14 FOR DETAILS.

REPLACE 4 EXISTING CDMA/LTE BAND-2 V-POLE ANTENNAS WITH 2 NEW QUAD-POLE ANTENNAS AND 2 NEW CROSS-POLE ANTENNAS PROVIDING SEPARATE ANTENNA ELEMENTS FOR CDMA AND LTE BAND-2 PER SECTOR. ADDITIONALLY REMOVE THE EXISTING CDMA / LTE BAND-2 COMBINERS AND REMOTE THE LTE BAND-2 RRUS-11'S TO THE ROOFTOP.

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△	9/30/14	ISSUED FOR CONSTRUCTION

PROJECT NO: 3618138346

DRAWN BY: CBM

RELEASED BY: MSD

SHEET TITLE  
**BUILDING ELEVATIONS**

SHEET NUMBER <b>C-1</b>	REVISION: <b>0</b>
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Jeff Levine, AICP, Director  
Planning & Urban Development Department

Reviewed for Code Compliance  
Inspections Division  
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Date: 10/14/14

**Electronic Signature and Fee Payment Confirmation**

Notice: Your electronic signature is considered a legal signature per state law.

By digitally signing the attached document(s), you are signifying your understanding this is a legal document and your electronic signature is considered a **legal signature** per Maine state law. You are also signifying your intent on paying your fees by the opportunities below.

I, the undersigned, intend and acknowledge that no Site Plan or Historic Preservation Applications can be reviewed until payment of appropriate application fees are **paid in full** to the Inspections Office, City of Portland Maine by method noted below:

- Within 24-48 hours, once my complete application and corresponding paperwork has been electronically delivered, I intend to **call the Inspections Office** at 207-874-8703 and speak to an administrative representative and provide a credit/debit card over the phone.
- Within 24-48 hours, once my application and corresponding paperwork has been electronically delivered, I intend to **call the Inspections Office** at 207-874-8703 and speak to an administrative representative and provide a credit/debit card over the phone.
- I intend to deliver a payment method through the U.S. Postal Service mail once my application paperwork has been electronically delivered.

Peter Marchant - KJK Wireless, LLC  
\_\_\_\_\_  
Applicant Signature:

10/2/14  
\_\_\_\_\_  
Date:

Peter Marchant - KJK Wireless, LLC  
\_\_\_\_\_  
I have provided digital copies and sent them on:

10/2/14  
\_\_\_\_\_  
Date:

NOTE: All electronic paperwork must be delivered to [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov) or by physical means i.e. a thumb drive or CD to the Inspections Office, City Hall, 3<sup>rd</sup> Floor, Room 315.



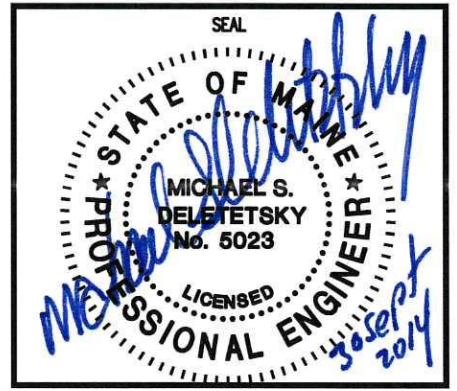
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**US**  
10 Corporate Drive, S

PROJECT  
**853419-LA**  
**APARTMENTS**  
638 CONGRESS STREET  
PORTLAND, ME 04101  
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**amec**  
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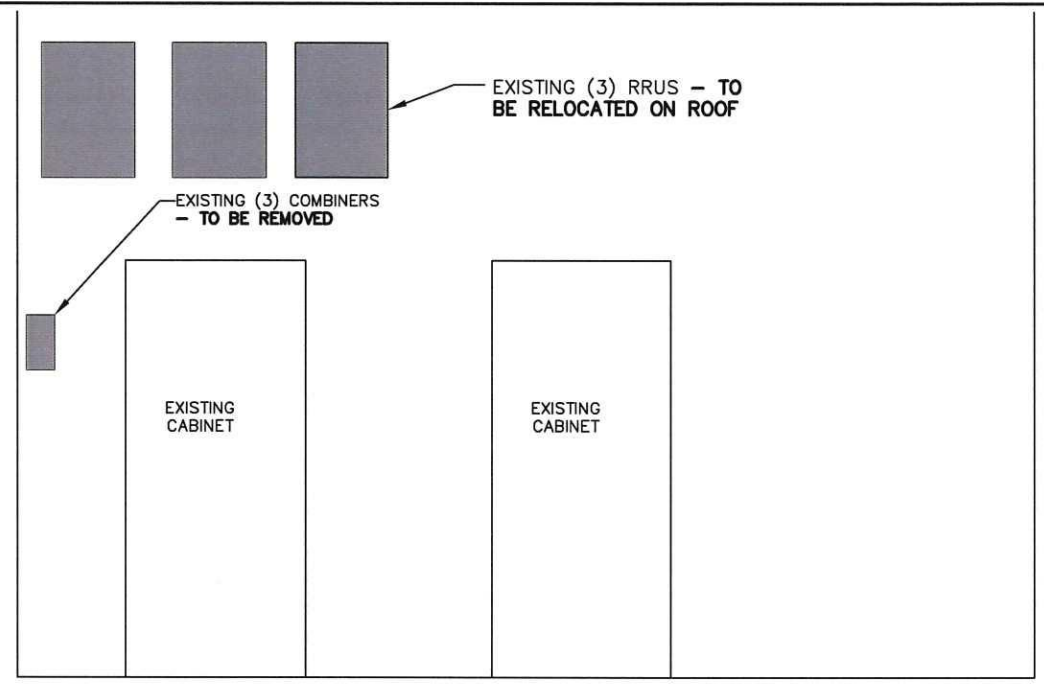
PROJECT NO: 3618138235

DRAWN BY: CBM

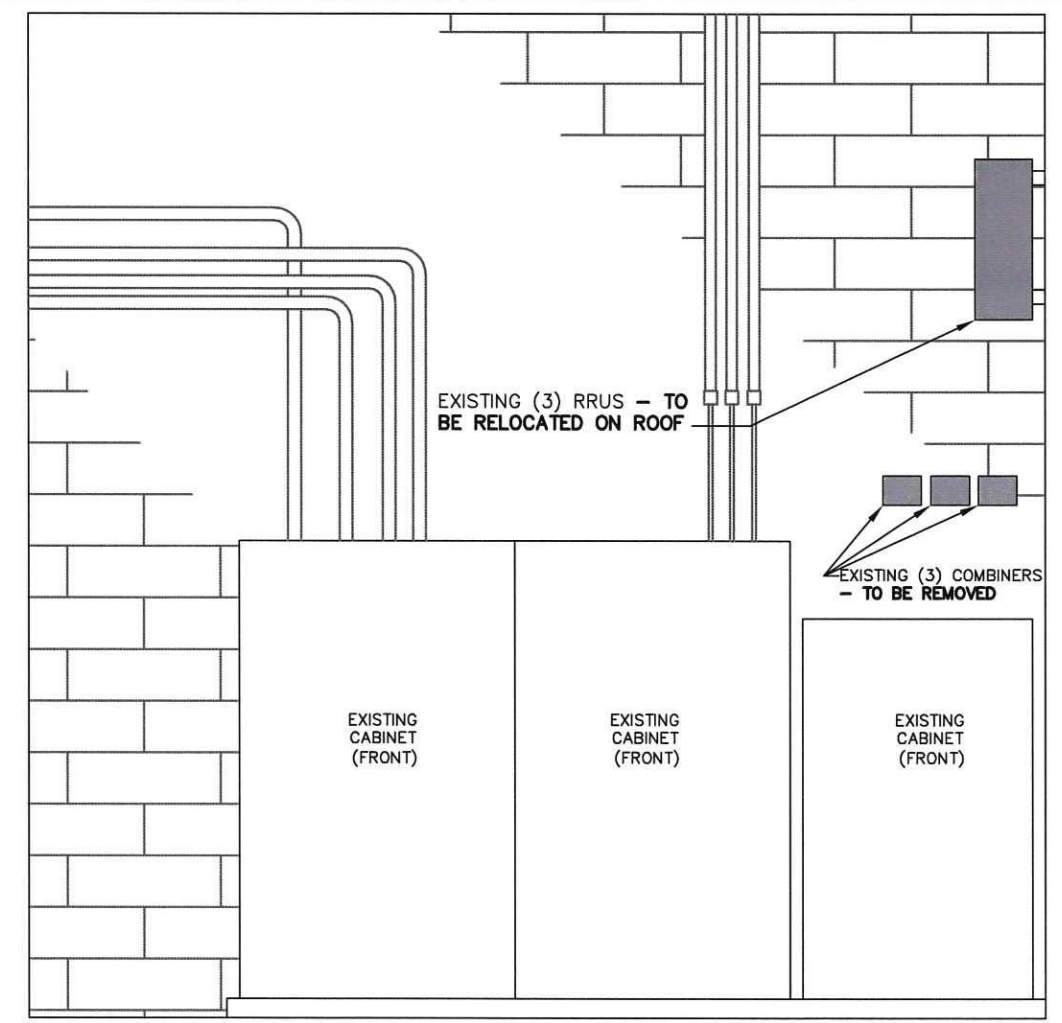
RELEASED BY: MSD

SHEET TITLE  
**EXISTING EQUIPMENT  
LAYOUT AND  
ELEVATIONS**

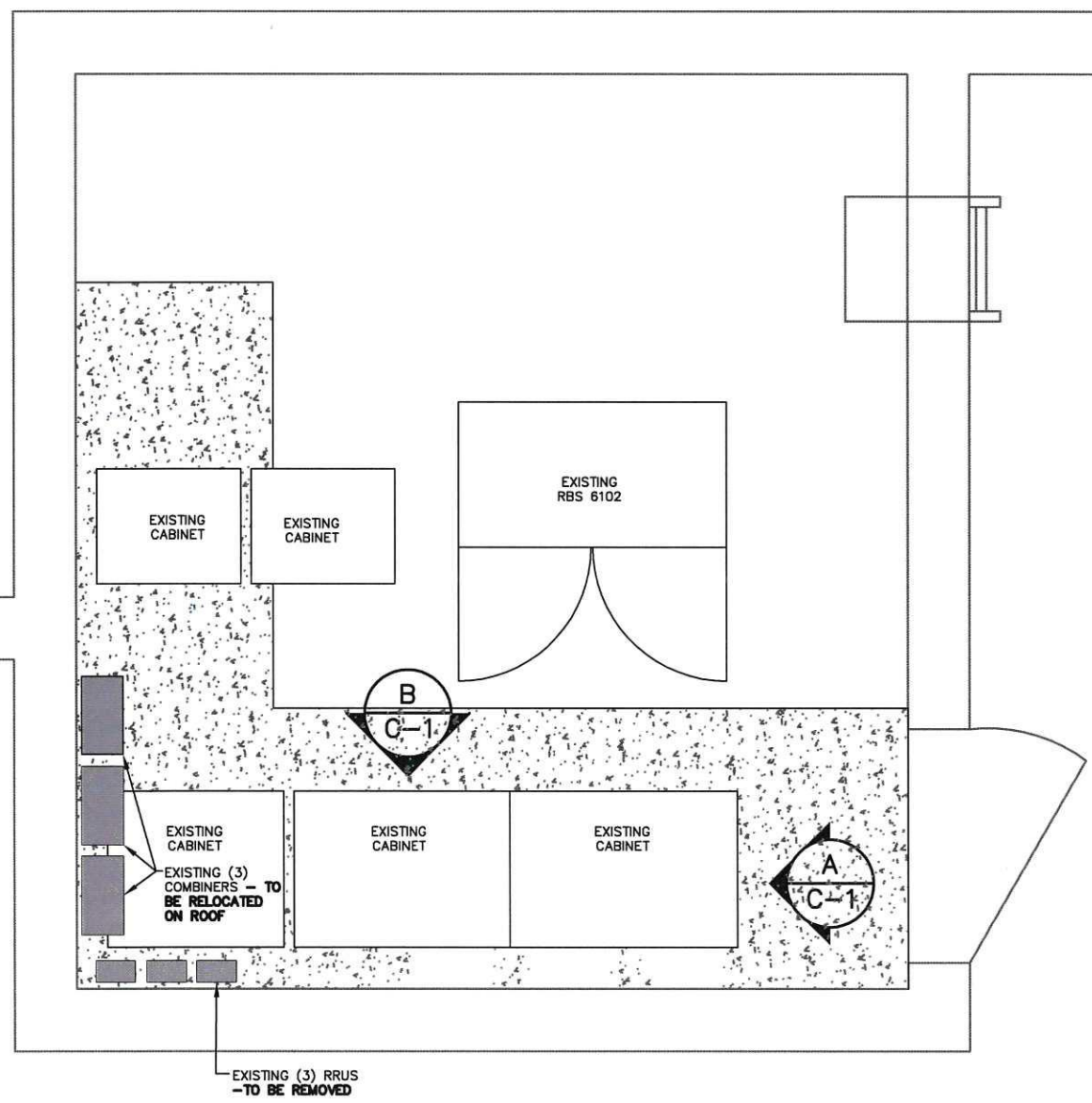
SHEET NUMBER: **C-3** REVISION: **0**



**A** **CABINET ELEVATION FRONT**  
SCALE: N.T.S.

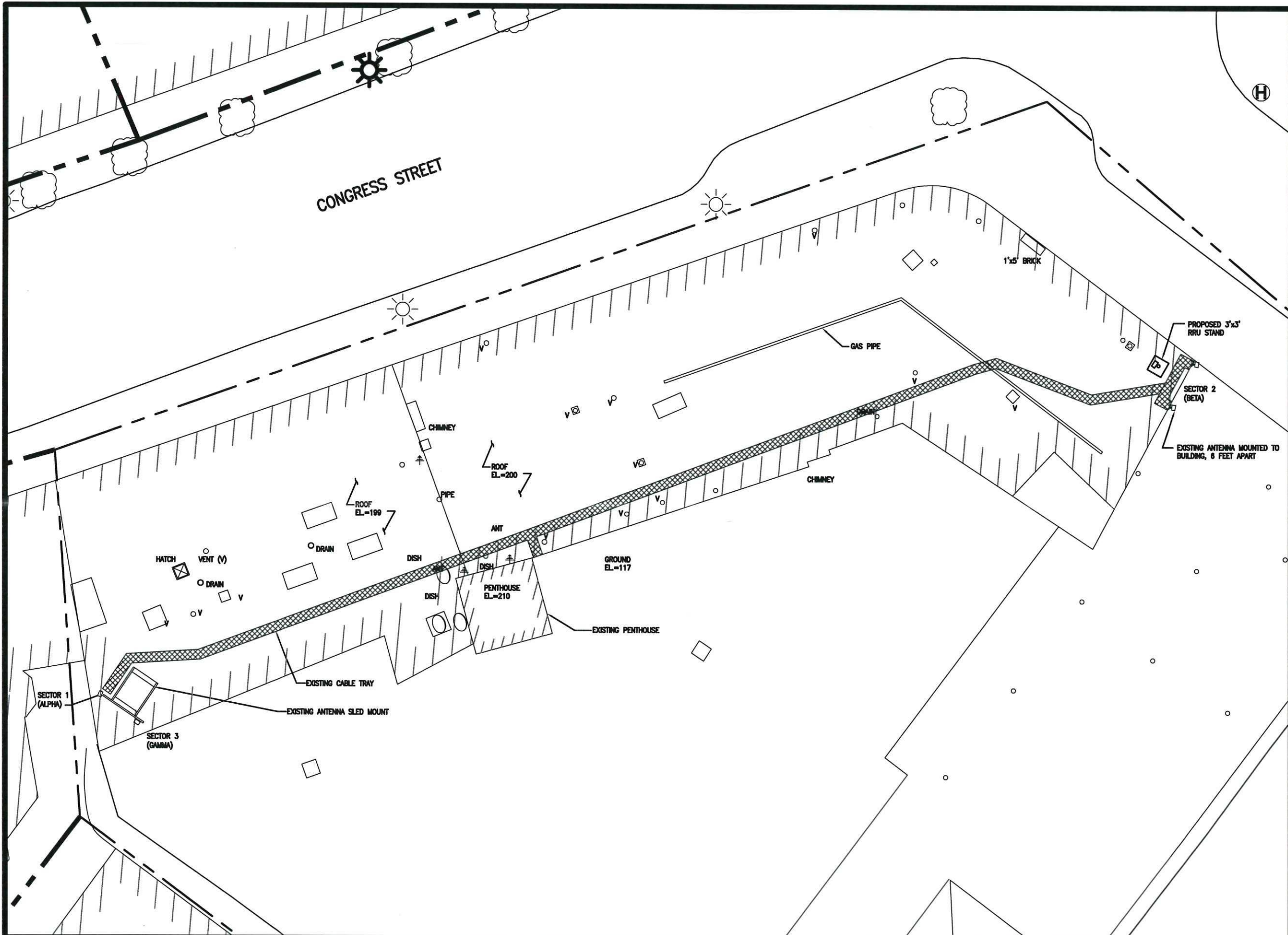


**B** **RRUS, CAC AND COMBINERS ELEVATION**  
SCALE: N.T.S.



**EQUIPMENT LAYOUT**  
SCALE: N.T.S.





**ROOFTOP PLAN**  
SCALE: N.T.S.



PLANS PI  
  
 10 Corporate Drive, S

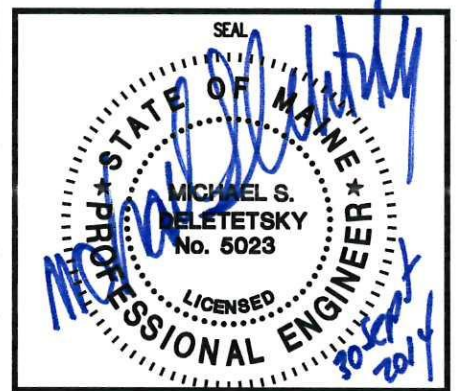
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PROJECT NO: 3618148346

DRAWN BY: CBM

RELEASED BY: MSD

SHEET TITLE  
**ROOFTOP PLAN**

SHEET NUMBER	REVISION:
<b>C-2</b>	<b>0</b>



# General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges within the City, payment arrangements must be made before permits of any kind are issued.

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<b>Address/Location of Construction:</b> 638 Congress St		Date:	10/14/14
<b>Total Square Footage of Proposed Structure:</b>		0	
<b>Tax Assessor's Chart, Block &amp; Lot</b> Chart#      Block#      Lot# 045      A003001		<b>Applicant Name:</b> Us Cellular C/o: KJK Wireless, LLC <b>Address</b> 127 Ridge Rd City, State & Zip Nashua, NH 03062	<b>Telephone:</b> 781-640-8006 <b>Email:</b> peter@kjkwireless.co
<b>Lessee/Owner Name :</b> 638 Congress Street (if different than applicant) Partners, LLC <b>Address:</b> 104 Grant St City, State & Zip: Portland, ME 04101 <b>Telephone &amp; E-mail:</b>		<b>Contractor Name:</b> Pcs Construction (if different from Applicant) <b>Address:</b> 128 Burnham Rd City, State & Zip: Scarborough, ME 04105 <b>Telephone &amp; E-mail:</b> 415-2107 / pheelan@maine.rr.cc	<b>Cost Of Work:</b> \$ 14,00.00 <b>C of O Fee:</b> \$ _____ <b>Historic Rev \$</b> _____ <b>Total Fees :</b> \$ 168.00
<b>Current use (i.e. single family)</b> <u>Telecom Facility ( Unchanged )</u>			
<b>If vacant, what was the previous use?</b> <u>N/A</u>			
<b>Proposed Specific use:</b> <u>Telecom Facility ( Unchanged )</u>			
Is property part of a subdivision? ___ If yes, please name _____			
<b>Project description:</b> Swap / relocate of existing antennas / coax			
<b>Who should we contact when the permit is ready:</b> Peter Marchant - KJK Wireless, LLC			
<b>Address:</b> 127 Ridge Rd			
<b>City, State &amp; Zip:</b> Nashua, NH 03062			
<b>E-mail Address:</b> peter@kjkwireless.com			
<b>Telephone:</b> 781-640-8006 / peter@kjkwireless.com			

Please submit all of the information outlined on the applicable checklist. Failure to do so causes an automatic permit denial.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

**Signature:** USCC - C/o: KJK Wireless      **Date:** 10.2.14

This is not a permit; you may not commence ANY work until the permit is issued.



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**USSC 853419 Lafayette Apartments Title Sheet**

<b><u>Discipline</u></b>	<b><u>Sheet</u></b>	<b><u>Title</u></b>
C1	1	Building Elevation
C2	2	Rooftop Plan
C3	3	Existing Equipment Layout and Elevation
C4	4	Antenna Mounting Details and Coax Layout

Date: 10/14/14