DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND UILDING PERMIT



This is to certify that

ROOSEVELT ARMS CONDOS ASSOC./Netcom Wireless Facilities

PERMIT ID: 2013-00182

226 STEVENS AVE

Located at

CBL: 177 G002101

has permission to Install fiber dist box w/ in lease area. Replace existing antenna's, equipment cabinets, coax cable w/ hybrid flex cables and replace local exchange carrier w/ fiber optics - on roof

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise clsoed-in. 48 HOUR NOTICE IS REQUIRED. A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be procured prior to occupancy.

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY THERE IS A PENALTY FOR REMOVING THIS CARD

PERMIT ID: 2013-00182

CBL: 177 G002101

City of Portland, Maine - Buil	ding or Use l	Permit Applicat	ion Per	mit No:	Issue Date:	:	CBL:	
389 Congress Street, 04101 Tel: (207) 874-8703	, Fax: (207) 874-8	716 20	013-00182			177 G	002101
Location of Construction: 226 STEVENS AVE	Owner Name: ROOSEVELT ASSOC.	ARMS CONDOS	Owner Address: 218-232 STEVENS AVE PORTLAND, ME 04102				Phone:	
Business Name: Roosevelt Arms Condo Association	Name: elt Arms Condo Association Netcom Wireless F			Contractor Address: 10 Aevo Park Drive Unit 3 Plymouth MA 02360			Phone (508) 732-0020	
Lessee/Buyer's Name SPRINT	ame Phone:			pe: Telecommuni	cations Equ	ipment	Zone: R5	
Past Use: 17 Residential Condominium units	ondominium units Same: 17 resider condominium units same: 17 resider condominium un			Permit Fee: Cost of Work: \$170.00 \$15,000.00 FIRE DEPT: Approved Denied Use Grout			CEO District: 00 6 CTION: roup: R-Z Type: Tele	
Proposed Project Description: Install fiber dist box w/ in lease area. equipment cabinets, coax cable w/ hy exchange carrier w/ fiber optics - on n	Replace existing brid flex cables a roof for man	antenna's, and replace local Budy	Signature: PEDESTI Action Signat		IES DISTRI	Signature: CT (P.A.D.) proved w/Cor Da	EC Z MB aditions te:	009 2/28/13 Denied
LDOBSON 01/28	8/2013	Zoning Approvai			u			
 This permit application does not Applicant(s) from meeting applic Federal Rules. 	preclude the cable State and	Special Zone or Reviews		ws Zoning Appeal		3	Historic Preservation Not in District or Landmark	
 Building permits do not include p septic or electrical work. Building permits are void if work 	 Wetland Flood Zone 		Miscellaneous Conditional Use			 Does Not Require Review Requires Review 		
False information may invalidate permit and stop all work	g Subdivision		Interpretation			Approved		
		Site Plan			d		Approved w	v/Conditions
		Maj Minor M Date: 2/4	BB	Date:		Date:	Denied	\leq

CERTIFICATION

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

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

	City of Portland, Maine - Building or Use				Issue Date:	CBL:		
389 Congress Street, 04101 Tel: (207) 874-8703	, Fax: (207) 874-8	3716 2	013-00182		177 G002101		
Location of Construction: 226 STEVENS AVE	Owner Name: VE ROOSEVELT ARMS CONDOS ASSOC.				Owner Address: 218-232 STEVENS AVE PORTLAND, ME 04102			
Business Name: Roosevelt Arms Condo Association	Contractor Name: Netcom Wireless Facilities			or Address: o Park Drive U 2360	h (508) 732-0020			
Lessee/Buyer's Name SPRINT	Phone:		Permit Ty Radio/	ype: Telecommunio	cations Equipm	Zone: ent R5		
Past Use: 17 Residential Condominium units	ast Use: 7 Residential Condominium units Proposed Use: Same: 17 residenti condominium units			ee: \$170.00 CPT:	CEO District: 0.00 6 PECTION: c Group: R-Z Type:			
Proposed Project Description: Install fiber dist box w/ in lease area. equipment cabinets, coax cable w/ hy exchange carrier w/ fiber optics - on r	antenna's, and replace local r BLAG	Signature PEDESTI Action		N/A Sign IES DISTRICT (I ed Approved	$\begin{array}{c} \text{Communicat}\\ \text{(MBEC 2009)}\\ \text{nature: MB 2/28/13}\\ \text{P.A.D.)}\\ \text{d w/Conditions } \Box \text{ Denied} \end{array}$			
Permit Taken By: Date Aj	oplied For:	· · · · · · · · · · · · · · · · · · ·	Signa	ture:	Approval	Date:		
	N 01/28/2013							
LDOBSON 01/28	3/2013							
LDOBSON 01/28 1. This permit application does not Applicant(s) from meeting applic Federal Rules.	preclude the cable State and	Special Zone or R	eviews	Zoning	g Appeal	Historic Preservation		
LDOBSON01/281. This permit application does not Applicant(s) from meeting applic Federal Rules.2. Building permits do not include p septic or electrical work.	preclude the able State and	Special Zone or Ro	eviews	Zoning Uariance	g Appeal	Historic Preservation The Not in District or Landmark Does Not Require Review		
LDOBSON01/281. This permit application does not Applicant(s) from meeting applic Federal Rules.92. Building permits do not include p septic or electrical work.93. Building permits are void if work within six (6) months of the date False information may invalidate	preclude the sable State and blumbing, is not started of issuance. a building	Special Zone or Ro	eviews	Zoning Zoning Variance Miscellan Condition	g Appeal neous nal Use	Historic Preservation Image: Structure Preservation Image: Structure Preservation Image: Does Not Require Review Image: Requires Review Image: Approved		
 LDOBSON 01/28 This permit application does not Applicant(s) from meeting applic Federal Rules. Building permits do not include p septic or electrical work. Building permits are void if work within six (6) months of the date False information may invalidate permit and stop all work 	preclude the cable State and olumbing, a is not started of issuance. a building	Special Zone or Ro Shoreland Wetland Flood Zone Subdivision Site Plan	eviews	Zoning Zoning Variance Miscellan Condition Interpreta	g Appeal neous nal Use tion	Historic Preservation Image: Service of Content of Conten		
 LDOBSON 01/28 This permit application does not Applicant(s) from meeting applic Federal Rules. Building permits do not include p septic or electrical work. Building permits are void if work within six (6) months of the date False information may invalidate permit and stop all work 	<pre>//2013 preclude the able State and plumbing, a is not started of issuance. a building</pre>	Special Zone or R Shoreland Wetland Flood Zone Subdivision Site Plan Maj Minor N	eviews	Zoning Zoning Variance Miscellan Condition Interpreta Approved Denied	g Appeal neous nal Use tion	Historic Preservation Image: Service of Contract of Contrac		

CERTIFICATION

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

SIGNATURE OF APPLICANT ADDRESS DATE PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE



General Building Permit Applic

If you or the property owner owes real estate or personal property taxes or perty within the City, payment arrangements must be made before permits

Location/Address of Construction: 226	Stevens Ave.				
Total Square Footage of Proposed Structure/A	rea Square Footage of Lot				
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 177 G004	Applicant * <u>must</u> be owner, <u>Lessee</u> or Buy Name Sprint Address 1 International Blid Kristen LeDuc Suite 800 Chief Sprint				
Lessee/DBA (If Applicable) 17 CondoS 17 Dis 17 CondoS 17 CondoS 17 CondoS 17 CondoS	City, State & Zip M ahwah, NS 0 1495 Owner (if different from Applicant) Name Roosevelt Arms Condo Address 218-232 Stevens Ave. Cof O Fee: \$ City, State & Zip Portland, ME 04102 Total Fee: \$_170.00 Total Fee: \$_170.00				
Current legal use (i.e. single family) <u>CONCLO</u> If vacant, what was the previous use? <u>N</u> [<u>A</u> Proposed Specific use: <u>Wircless</u> Communication Modification- Unmanned Is property part of a subdivision? <u>N</u> [<u>A</u> Project description: <u>Install</u> Fiber Dist. box win lease area. Replace existing antennas Replace existing GPS Antenna. Replace existing coax cable will Hybrid Flex cubies. Replace equipment cubinets. Mcplace local exchange carrier wilfiber Optics. Contractor's name: <u>Charles B. Ant</u> ; <u>Netcom Wireless</u> Facilities 2					
Address: <u>10 A cro Park Dr. Unit 3</u> City, State & Zip <u>Plymouth</u> , <u>MA 02360</u> Who should we contact when the permit is ready: <u>Kristen LeDuc</u> Telephone: <u>978-828-3264</u> Mailing address: <u>B Previt wood Cr. Danvers</u> , <u>MA 01923</u>					

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

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 <u>www.portlandmaine.gov</u>, 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:	Brister LiQue	Date:	1-4-13
	This is not a permit; you may not comm	mence ANY	work until the permit is issue





January 24, 2013

Jeanie Bourke, CEO Building Department 389 Congress Street Portland, ME 04101

RE: \$print Site modification at 234 Stevens Ave., Portland, Maine

Jeanie,

Enclosed please find a Building Permit Application, site plans and related documents for Sprint's modification project at 234 Stevens Ave. Also, included is a copy of the check and the 1st page of the application could you kindly include a receipt for the check, and a "received" stamp on the 1st page of the application when the building permit is issued.

If you have any questions or comments, please feel free to contact me at the number or email listed below.

Thank you,

Kristen LeDuc

Network Building & Consulting, LLC, an authorized representative of Sprint Nextel

Kristen LeDuc 978-828-3264 Office & Mobile <u>kleduc@nbcllc.com</u> 8 Brentwood Circle Danvers, MA 01923

A LEGURGAT	Certificate of De	esign Appli	cation
From Designer:	·		
Date:			
Job Name:			
Address of Construction:			
Constr	2003 International suction project was designed to the	Building Code e building code criter	a listed below:
Building Code & Year	Use Group Classification	n (s)	x
Type of Construction	•		
Will the Structure have a Fire sup	pression system in Accordance with	Section 903.3.1 of the 2	2003 IRC
Is the Structure mixed use?	If yes, separated or non ser	parated or non separated	d (section 302.3)
Supervisory alarm System?	Geotechnical/Soils report	required? (See Section 1	802.2)
1 7 7			
Structural Design Calculations			_ Live load reduction
Submitted for all	structural members (106.1 – 106.11)		_ Roof live loads (1603.1.2, 1607.11)
Desire Londo or Construction			_ Roof snow loads (1603.7.3, 1608)
Uniformly distributed floor live loads	s (7603.11, 1807)	······································	_ Ground snow load, Pg (1608.2)
Floor Area Use	Loads Shown		If $Pg > 10$ psf, flat-roof snow load pf
			If $Pg > 10$ psf, snow exposure factor, $_{G}$
			_ If $Pg > 10$ psf, snow load importance factor, L
		······································	Roof thermal factor, $_{G}(1608.4)$
			_ Sloped roof snowload, p(1608.4)
Wind loads (1603.1.4, 1609)			Seismic design category (1616.3)
Design option utiliz	ed (1609.1.1, 1609.6)		_ Basic seismic force resisting system (1617.6.2)
Basic wind speed (1	809.3)		_ Response modification coefficient, R1 and
Building category as	nd wind importance Factor, _h table 1604.5, 1609.5)		deflection amplification factor _{Cl} (1617.6.2)
Wind exposure cate	gory (1609.4)		Analysis procedure (1616.6, 1617.5)
Internal pressure coef	ficient (ASCE 7)		Design base shear (1617.4, 16175.5.1)
Component and cladd	ing pressures (1609.1.1, 1609.6.2.2)	Flood loads (1	803.1.6, 1612)
Earth design data (1603 1 5 161	(4_1623)		Flood Hazard area (1612.3)
Darier antier utili			Elevation of structure
Design option utiliz	**Category ²)	Other loads	
Stestile use group (cefficients SDs& SD1 (1615.1)		Concentrated loads (1607.4)
Site class (1615.1.5)			Partition loads (1607.5)
			Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404



Commercial Interior & Change of Use Permit Application Checklist

All of the following information is required and must be submitted. Checking off each item as you prepare your application package will ensure your package is complete and will help to expedite the permitting process.

One (1) complete set of construction drawings must include:

Note: Construction documents for costs in excess of \$50,000.00 must be prepared by a Design Professional and bear their seal.

- Cross sections w/framing details
- Detail of any new walls or permanent partitions
- □ Floor plans and elevations
- □ Window and door schedules
- □ Complete electrical and plumbing layout.
- Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment or other types of work that may require special review
- Insulation R-factors of walls, ceilings, floors & U-factors of windows as per the IEEC 2003
- □ Proof of ownership is required if it is inconsistent with the assessors records.
- □ Reduced plans or electronic files in PDF format are required if originals are larger than 11" x 17".
- Der State Fire Marshall, all new bathrooms must be ADA compliant.

Separate permits are required for internal and external plumbing, HVAC & electrical installations.

For additions less than 500 sq. ft. or that does not affect parking or traffic, a site plan exemption should be filed including:

- The shape and dimension of the lot, footprint of the existing and proposed structure and the distance from the actual property lines.
- □ Location and dimensions of parking areas and driveways, street spaces and building frontage.
- Dimensional floor plan of existing space and dimensional floor plan of proposed space.

A Minor Site Plan Review is required for any change of use between 5,000 and 10,000 sq. ft. (cumulatively within a 3-year period)

Fire Department requirements.

The following shall be submitted on a separate sheet:

- □ Name, address and phone number of applicant **and** the project architect.
- □ Proposed use of structure (NFPA and IBC classification)
- □ Square footage of proposed structure (total and per story)
- Existing and proposed fire protection of structure.
- □ Separate plans shall be submitted for
 - a) Suppression system
 - b) Detection System (separate permit is required)
- □ A separate Life Safety Plan must include:
 - a) Fire resistance ratings of all means of egress
 - b) Travel distance from most remote point to exit discharge
 - c) Location of any required fire extinguishers
 - d) Location of emergency lighting
 - e) Location of exit signs
 - f) NFPA 101 code summary
- \Box Elevators shall be sized to fit an 80" x 24" stretcher.

For questions on Fire Department requirements call the Fire Prevention Officer at (207) 874-8405.

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

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 <u>www.portlandmaine.gov</u>, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

Permit Fee: \$30.00 for the first \$1000.00 construction cost, \$10.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



Accessibility Building Code Certificate

Designer:	 	
Address of Project:	 ······	
Nature of Project:		
	 	<u> </u>

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.

	Signature:	
	Title:	
(SEAL)	Firm:	
	Address:	
	Phone:	
For more information or to do	wnload this form and other permit applications visit the Inspections I on our website at www.portlandmaine.gov	Division

Building Inspections Division • 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936

THE SUR GATE	Certificate of Design	
Date:		
From:		
These plans and / o	or specifications covering construction work on:	
Have been designed Engineer according	d and drawn up by the undersigned, a Maine registered Architect / g to the <i>2003 International Building Code</i> and local amendments.	
	Signature:	
(SEAL)	Firm:	
(~)	Address:	
	Phone:	
For more information	or to download this form and other permit applications visit the Inspections D on our website at www.portlandmaine.gov	ivision
Building Inspections Division •	• 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207)	5 874-8936



Site Name: Roosevelt Arms (226 Stevens Avenue, Portland, ME)

She I.D.: BS43XC807-A

engsient or m row ways

pril 99

3

1. Premises and Use. Owner leases to Sprint Spectrum L.P., a Delaware limited partnership ("SSLP"), the site described below: [Check appropriate box(es)]

Land consisting of approximately ______ square feet upon which SSLP will construct its ______ equipment base station and _____ antenna structure:

XX Building interior space consisting of approximately 210 square feet;

Building exterior space for attachment of antennas;

Building exterior space for placement of base station equipment;

Tower antenna space between the _ foot and foot level on the Tower:

Space required for cable runs to connect PCS equipment and antennas,

in the location(s) shown on Exhibit A, together with a non-exclusive easement for reasonable access thereto and to the appropriate, in the discretion of SSLP, source of electric and telephone facilities (collectively, the "Site"). The Site will be used by SSLP for the purpose of installing, removing, replacing, modifying, maintaining and operating, at its expense, a personal communications service system facility ("PCS"), including, without limitation, antenna equipment, cable wining, back-up power sources (including generators and fuel storage tanks), related fixtures and, If applicable to the Site, an antenna structure. SSLP will use the Site in a manner which will not unreasonably disturb the occupancy of Owner's other tenants. SSLP will have access to the Site 24 hours per day, 7 days per week.

2. Term. The term of this Agreement (the "Initial Term") is 5 years, commencing on the date ("Commencement Date") both SSLP and Owner have executed this Agreement. This Agreement will be automatically renewed for four additional terms (each a "Renewal Term") of five years each, unless SSLP provides Owner notice of intention not to renew not less than 90 days prior to the expiration of the Initial Term or any Renewal Term.

3. Rent. Until that date which is 60 days after the Issuance of a building permit for the PCS, the rent will be a one-time aggregate payment of the receipt of which Owner acknowledges. Thereafter, rent will be paid in equal monthly installments of the second (until increased as set forth herein), partial months to be prorated, in advance. Rent for each Renewal Term will be the annual rent in effect for the final year of the Initial Term or prior Renewal Term, as the case may be, increased by

4. Title and Quiet Possession. Owner represents and agrees (a) that it is the Owner of the Site; (b) that it has the right to enter into this Agreement; (c) that the person signing this Agreement has the authority to sign; (d) that SSLP is entitled to access to the Site at all times and to the quiet possession of the Site throughout the Initial Term and each Renewal Term so long as SSLP is not in default beyond the expiration of any cure period; and (e) that Owner shall not have unsupervised access to the Site or to the PCS equipment.

5. Assignment/Subletting. SSLP shall have the right to assign or transfer its rights under this Agreement or sublet all or any portion of the Site without notice to or the prior written consent of Owner.

6. Notices. All notices must be in writing and are effective only when deposited in the U.S. mail, certified and postage prepaid, or when sent via overnight delivery. Notices to SSLP are to be sent to Sprint PCS, Crossroads Corporate Center, Suite 800, One International Boulevard, Mahwah, NJ 07495, with a copy to Sprint Spectrum L.P., 4900 Main Street, Kansas City, MO 64112. Notices to Owner must be sent to the address shown underneath Owner's signature.

7. Improvements. SSLP may, at its expense, make such improvements on the Site as it deems necessary from time to time for the operation of the PCS system. Owner agrees to cooperate with SSLP with respect to obtaining any required zoning approvals for the Site and such Improvements. Upon termination or expiration of this Agreement, SSLP may remove its equipment and improvements and will restore the Site to substantially the condition existing on the Commencement Date, except for ordinary wear and tear and casualty loss.

8. Compliance with Laws. Owner represents that Owner's property (including the Site), and all imprevements located thereon, are in substantial compliance with building, life/safety, disability and other laws, codes and regulations of applicable governmental authorities. SSLP will substantially comply with all applicable laws relating to its possession and use of the Site.

9. Interference. SSLP will resolve technical interference problems with other equipment located at the Site on the Commencement Date or any equipment that becomes attached to the Site at any future date when SSLP desires to add additional equipment to the Site. Likewise, Owner will not permit or suffer the Installation of any future equipment which (a) results in technical interference problems with SSLP's then existing equipment or (b) encroaches onto the Site.

10. Utilities. Owner represents that utilities adequate for SSLP's use of the Site are available. SSLP will pay for all utilities used by it at the Site. Owner will cooperate with SSLP in SSLP's efforts to obtain utilities from any location provided by Owner or the servicing utility, including signing any easement or other instrument reasonably required by the utility company.

11. Termination. SSLP may terminate this Agreement at any time by notice to Owner without further liability if SSLP does not obtain all permits or other approvals (collectively, "approval") required from any governmental authority or any easements required from any third party to operate the PCS system, or if any such approval is canceled, expires or is withdrawn or terminated, or If Owner fails to have proper ownership of the Site or authority to enter into this Agreement, or if SSLP, for any other reason, in its sole discretion, elects to terminate this Agreement. Upon termination, all prepaid rent will be retained by Owner unless such termination is due to Owner's failure of proper ownership or authority, or such termination is a result of Owner's default.

12. Default. If either party is in default under this Agreement for a period of (a) 15 days following receipt of notice from the non-defaulting party with respect to a default which may be cured solely by the payment of money, or (b) 30 days following receipt of notice from the non-defaulting party with respect to a default which may not be cured solely by the payment of money, then, in either event, the non-defaulting party may pursue any remedies available to it against the defaulting party under applicable law, including, but not limited to, the right to terminate this Agreement. If the non-monetary default may not reasonably be cured within a 30 day period, this Agreement may not be terminated if the defaulting party commences action to cure the default within such 30 day period and proceeds with due diligence to fully cure the default.

13. Indemnity. Owner and SSLP each indemnifies the other against and holds the other harmless from any and all costs (including reasonable attorneys' fees) and claims of liability or loss which arise out of the ownership, use and/or occupancy of the Site by the Indemnifying party. This indemnity does not apply to any claims arising from the sole negligence or intentional misconduct of the indemnified party. The indemnity obligations under this Paragraph will survive termination of this Agreement.

14. Hazardous Substances. Owner represents that it has no knowledge of any substance, chemical or waste, oil or hazardous material (collectively, "Hazardous Substance") on the Site or any adjacent real estate owned by the Owner (collectively, "Premises") that is identified as hazardous, toxic or dangerous in any applicable federal, state or local law or regulation. Owner shall assess and remediate (If necessary) in compliance with all applicable laws and hereby indemnifies SSLP and holds SSLP harmless from any and all costs (including reasonable attorneys' fees) and claims of liability or loss which arise out of the presence of any Hazardous Substance on or migrating from the Premises at any time, other than those Hazardous Substances which were first released by SSLP upon the Premises. SSLP will not introduce or use any Hazardous Substance on the Site in violation of any applicable law. SSLP will assess and remediate (If necessary) In compliance with all applicable laws and hereby indemnifies Owner and holds Owner harmless from any and all costs (including reasonable attomeys' fees) and claims of liability or loss which arise out of the release of any Hazardous Substance by SSLP upon the Premises. Upon obtaining knowledge of a release or threat of release of any Hazardous Substance on the Premises, SSLP and the Owner shall each have the right to notify the applicable regulatory authorities thereof without the prior consent of the other party and to provide reasonable access to the Site to the employees, agents, and contractors of such agencies and all other persons conducting response actions in accordance with applicable law. The foregoing indemnifications shall survive any termination of this Agreement and shall be in addition to any other rights which Owner or SSLP may have under applicable law.

15. Subordination and Non-Disturbance. This Agreement is subordinate to any mortgage or deed of trust now of record against the

OUL DR

THIS	the second se		_				00101			4/12/				
CERTI BELO REPR	CERTIFICATE IS ISSUED AS A IFICATE DOES NOT AFFIRMAT W. THIS CERTIFICATE OF INS ESENTATIVE OR PRODUCER, A RTANT: If the certificate holder	MAT IVEL SURA ND T is an	NCE HE C	OF INFORMATION ONL R NEGATIVELY AMEND, DOES NOT CONSTITU CERTIFICATE HOLDER. DITIONAL INSURED, the	PAND EXTENTE A C	CONFERS N ND OR ALTE CONTRACT E ies) must be	O RIGHTS R THE CON ETWEEN T endorsed.	UPON THE CERTIFICA VERAGE AFFORDED HE ISSUING INSUREF	TE HO BY THE K(S), AU	LDER. THIS POLICIES UTHORIZED				
certifi	gete holder in lieu of such endor	SOLU	entis).	A BLOCK SHE	eirich. A stri		le calquera dése une	CONTRE	rights to the				
RODUCE	R		-	5	CONTA NAME:	СТ								
O'Gra	ady Insurance Agency				PHONE LAIC N	o Ext):		HAX AND	;					
	auth MA 02360				ADDRE	\$\$:								
- TA W						INS	URER(S) AFFOR	NDING COVERAGE		NAIC #				
SURED	-			9 Maran 1996 - 994	INCLURE	RA: 5335A	INSURAN			1				
	NETCOM WIRELESS F	CII	IT	TES 2,	INSURE	RC: TORUS	SPECIAL	TY INS. CO						
	INC.				INSURE	RD:LIBER	TY MUTUA	L FIRE INS CO		1				
	10 AERO PARK DR, U	INIS	: 3		INSURE	RE:								
	PLYMOUTH, MA 02360)			INSURE	RF:								
OVER	AGES CER	TIFI	CAT	ENUMBER:			-	REVISION NUMBER:		1011 0000000				
INDICA CERTI EXCLU	S TO GERTIFY THAT THE POLICIES ATED. NOTWITHSTANDING ANY RI FICATE MAY BE ISSUED OR MAY ISIONS AND CONDITIONS OF SUCH	PERT	AIN,	HANGE LISTED BELOW HA INT, TERM OR CONDITION THE INSURANCE AFFORD LIMITS SHOWN MAY HAVE	OF AN ED BY	N ISSUED TO Y CONTRACT THE POLICIES REDUCED BY I	OR OTHER [DESCRIBED PAD CLAIMS	D NAMED ABOVE FOR T DOCUMENT WITH RESPE D HEREIN IS SUBJECT T	CT TO	WHICH THIS THE TERMS.				
R	TYPE OF INSURANCE	ADDL	SUB	POLICY NUMBER		POLICY EFF	POLICY EXP (MIMODITYYY)	Line	TS					
GEN	IERAL LIABILITY	Y	Y	3DG5178		11/9/11	11/9/12	BACH OCCURRENCE	5 1	,000,000				
X	COMMERCIAL GENERAL LIABLITY							PREMISES (Ea occurrence)	S	50,00				
	CLAIMS-MADE X OCCUR		ŧ				1	MED EXP (Any one person)	S	1,00				
			1					PERSONAL& ADVINJURY	5 1	,000,000				
GEN	1 ACOPECATE ! BAT APP! HES DEP							PRODUCTS COMPLOP 402	5 4	000,000				
X	POLICY PRO-						1	FRODUCIS - COMPACE AGS	S	,000,000				
AUT	OMOBILE LIABILITY	¥	Y	AFV205857		2/22/12	2/22/13	COMEINED SINGLE LIMIT (Ea accident)	s 1	,000,000				
-	ANY AUTO	•				BODILY INJURY (Per person)	S							
1	AUTOS X AUTOS					1		BOOK Y INJURY (Per accident	S					
X	HIRED AUTOS X AUTOS							(Per accident)	S					
TY		v	Y	85215C120AT1		2/9/12	2/9/13		- A	000 000				
	EXCESS LIAB CLAIMS-MADE		-	OUL DULL UPILL				AGGREGATE	s A	000,000				
	DED RETENTION S								s	/000/000				
AND	RKERS COMPENSATION			WC5-31S-375622-	022	2/18/12	2/18/13	WC STATU- OTH-						
ANY	PROPRIETOR/PARTNER/EXECUTIVE	NIA			1		EL EACH ACODENT	\$	500,000					
fiden If yes	Idelony in NH)											-	EL DISEASE - EA EMPLOYEE	s
DESC	CRIPTION OF OPERATIONS below							EL DISEASE - POLICY LIMIT	S	500,000				
SCRIPTI STRO CLUE D AU IPLOY SURE	ON OF OPERATIONS / LOCATIONS / VEHC DTTA CONSTRUCTION MAN DED AS ADDITIONAL INS JTO LIABILITY. EXCESS (FER LIABILITY. A WAIVE ED	AGE URE LL ER	MEN DS ABI OF	ACORD 191, Additional Rewarks 3 T INC AND ALL 01 ON PRIMARY AND N LITY FOLLOWS FOR SUBROGATION APPI	SUMAN, PHER NONCOL RM OV	From space is a PARTIES A NTRIBUTO ER GENERA TO ALL PO	equind) ARE REQU RY BASIS AL LIABI DLICIES	JIRED BY CONTRA FOR ALL GENER LITY, AUTO LIA IN FAVOR OF TH	CT AN AL LJ BILIT S ADI	RE LABILITY IY, AND DITIONAL				
RTIF	ICATE HOLDER				CANC	ELLATION								
					SHOU	EXPIRATION DRDANCE WIT	ABOVE DE DATE THEF THE POLICY	SCRIBED POLICIES BE C SEOF, NOTICE WILL B PROVISIONS.	ANCELL E DEL	ed Biefore Vered in				
					AUTHOR	IZED REPRESEN	TATINE							
	1		-		PATRI	CK O'GRA	DY							
-			and the second division of the second divisio	And and a second se	and the second second	and the second se								

,

the of the state of a state of

Massachusetts - Department of Public Safety * \$ Board of Building Regulations and Standards **Construction Supervisor** CHARLES BANTI 100 BARNFIELD DRIVE PLYMOUTH MA 02360 2 Expiration 10/29/2013 - D'agon 1 5% Commissioner

STRUCTURAL ANALYSIS REPORT

For

BS43XC807

ROOSEVELT ARMS PORTLAND

234 Stevens Avenue Portland, ME 04102

Antennas inside a Ballasted FRP Chimney on the Roof; Equipment on the First Floor



Prepared for:

Sprint VISION I INTERNATIONAL BLVD, SUITE 800 MAHWAH, NJ 07495 TEL: (800) 357-7641 Ð

FEB 2 8 2013 City of Building Inspections

OFM

HAMM

No. 10344

Alcatel · Lucent

1 ROBBINS ROAD WESTFORD, MA 01886 TEL: (978) 952-1600

Dated: December 19, 2012

Prepared by:



1600 Osgood Street Bldg. 20N Suite 3090 North Andover, MA 01845 (P) 978.557.5553 (F) 978.336.5586 www.hudsondesigngrouplic.com



SCOPE OF WORK:

Hudson Design Group LLC (HDG) has been authorized by Sprint to conduct a structural evaluation of the structure supporting the proposed Sprint equipment located in the areas depicted in the latest HDG's construction drawings.

This report represents this office's findings, conclusions and recommendations pertaining to the support of Sprint's proposed equipment.

This office conducted an on-site visual survey of the above area on November 14, 2012. Attendees included Bradley Loeb (HDG-Associate).

CONCLUSION SUMMARY:

Building Plans were not available and could not be obtained for our use. A previous set of construction drawings prepared by Bay State Design dated August 21, 2000 were available for our reference. A limited visual survey of the structure was completed in or near the areas of the Proposed Work.

The structural analysis/PE certification completed by Hudson Design Group LLC (HDG) on behalf of ALU was inclusive of the equipment support structures, antenna masts, antenna mounts, and all other aspects of the structure applicable to the installation of the network vision antenna system and BTS and that the site will support the Sprint Network Vision Antennas and RRH's deployment for the interim and final equipment scenarios.

Roof Structure:

Based on our evaluation, we have determined that the roof **<u>IS CAPABLE</u>** of supporting the proposed antenna load.

HDG was not able to confirm some of the roof support members at the time of our visit. No building plans or as-built drawings were available for our reference. HDG is under the assumption that the ballasted FRP chimney has been located over structurally adequate beams to support the existing/proposed loading. However, HDG recommends the client/contractor to verify the roof construction prior to any equipment installation

<u>Reference sheet no. 5 of this report for additional limitations and assumptions. If field</u> <u>conditions differ from what is assumed in this report, then the engineer of record is to be</u> <u>notified as soon as possible. Further design may be required.</u>

Equipment Support Floor:

Based on our evaluation, we have determined that the existing equipment support floor **IS CAPABLE** of supporting the proposed Sprint equipment.

HDG was not able to confirm the roof construction at the time of our visit. No building plans or as-built drawings were available for our reference. HDG is under the assumption that the existing hardwood floor was installed over a reinforced concrete slab. However, HDG recommends the client/contractor to verify the main floor construction prior to any equipment installation.



A summary of the proposed support types and attachment locations are as follows:

(3) New APXVSPP18-C-A20 (800/1900 MHz) RFS antennas (One per sector) (Wt. = 57 lbs. /each)...Mounted inside the existing FRP chimney.

(3) FD-RRH-2x50-800 (1 per sector) (Wt. = 50 lbs. /each)...Supported on a new ballasted frame.

(3) FD-RRH-4x40-1900 (1 per sector) (Wt. = 50 lbs. /each)...Supported on a new ballasted frame.

(2) 60ECv2 Battery Back-Up Cabinet (Wt. = 2830 lbs. /each)....Supported by the existing steel frame on the first floor.

(1) Alcatel-Lucent 9928 Outdoor Cabinet (Wt. = 1390 lbs.)...Supported by the existing steel frame on the first floor.

Referenced documents are attached.



DESIGN CRITERIA:

1. International Building Code 2009, ASCE 7-10 Minimum Design Loads for Buildings and Other Structures.

Wind Analysis:

Deference Wind Speed:		(EIC 24 5 1C: ASCE 7 10)
kelelence wind speed.		(FIG 20.3-1C, ASCE /-10)
Category:	С	(26.7.3; ASCE 7 -10)
Gust Effect Factor (G):	0.85	(26.9.1; ASCE 7-10)
Force Coefficient (Cf):	Varies	(FIG 29.5-1 thru 29.5-3; ASCE 7-10)
F = qz * G * Cf * Af:		(Equation 29.5-1; ASCE 7-10)

Snow Loading:

Ground Snow Load (Pg): 50 psf Flat Roof Snow Load (Pf): 31.5 psf (FIG 7-1; ASCE 7-10)

(Equation 7.3-1; ASCE 7-10).

Pf = 0.7 * Ce * Ct * I * Pg

Ce=0.9; Ct=1.0; I=1.0

2. EIA/TIA -222- G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures

County:	Cumberland
Wind Load:	100 mph

3. Approximate height above grade to antennas:

43.1' ±



EXISTING ROOF CONSTRUCTION:

The existing roof appears to consist of a roofing membrane and insulation over wood plank decking supported by a system of built-up knee walls, beams, columns and brick bearing walls. (Building plans were not available at the time of our site visit).

ANTENNA SUPPORT RECOMMENDATIONS:

HDG recommends the new antennas to be mounted inside the existing custom made non-penetrating ballast mount on the roof.

Roof reinforcement to support the antenna ballast mount was noted at the time of our site visit. HDG is under the assumption that these roof reinforcements were properly installed and adequately secured to the building structure.

RRH SUPPORT RECOMMENDATIONS:

HDG recommends that the new RRH's be mounted on new steel pipes secured to the proposed non-penetrating ballast mount.

Install the new ballast mount directly over the existing steel beam as shown in the attached sketch.

EQUIPMENT CABINETS SUPPORT RECOMMENDATIONS:

HDG recommends that the Alcatel-Lucent 9928 Outdoor Cabinet and Battery Back-Up Cabinets be supported by the existing steel frame on the first floor.

Limitations and assumptions:

- 1. Reference the latest HDG drawings for all equipment locations and details.
- 2. Mount all equipment per manufacturer's specifications.
- 3. HDG is not responsible for any modifications completed prior to and hereafter which HDG was not directly involved.
- 4. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.
- 5. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer's requirements.
- 6. If field conditions differ from what is assumed in this report, then the engineer of record is to be notified as soon as possible.
- 7. Mount all equipment per manufacturer's specifications.
- 8. HDG is under the assumption that roof reinforcements were properly installed and adequately secured to the building structure.



ANTENNA LOCATIONS:



Photo 1: Sample photo showing the existing ballasted chimney.



Photo 2: Sample photo showing the existing ballasted frame.



Photo 3: Sample photo showing the existing antennas.



EXISTING EQUIPMENT:



Photo 4: Sample photo showing the existing Sprint equipment platform.



Photo 5: Sample photo showing the existing Sprint equipment.



ROOF CONSTRUCTION:



Photo 6: Sample photo showing the existing roof structure.



Photo 7: Sample photo showing the existing roof reinforcement.



Photo 8: Sample photo showing the existing roof reinforcement.



Calculations

DATE: 12	Hudson
Project No.	BS43xC 807 Design Groupuc
Design By:_	A4 Chk'd By: M3C Page of
	NO TO THE A MULLETS I A DESCRIPTION THE DOOD
	WIND LOAD ANALYSZS - REPERENCE I DC LOOM
	- STRUCTURE C. ACCTATION - CLASS IT
	- EVERSUAE CLASSIFICATION - CLASSIF
	- RAST WEND SPACE - LOO PU
	- GASEC WEND SPEED - TOUMPN
	Pnet = 95 KZ Cnet [IK27] (IBC 2009 - EQUATION 29.3-1)
	= (0.00256) (100) 2 (1.055) (1.0452) (1) (1)
	18 13 PCC
	2 20.2010
	A PDUATE WILLES
	AFFORIENANCE
	- CHIMNEY = 18 FT X 3.5FT - AREA = G3FT2
	- RRH 800 = 19.7" × 13" - AREA = 1.78 FT2
	- RRH 1900 = 25.1" × 11.1" - AREA = 1.93 F72
	· WIND FORCE : F=PXA
	- CHIMNEY = 28.23 PSF x G3 FT = 1778.49 Lbs.
	- RRN 800 = 28.23 PSF X 1.78 FT2 = 112.14 Lbs.
	- RRN 1900 = 28.23 PSF × 1.93 FT2 = 121.59 Lbs.





DATE: 12-18-12 Project Name: <u>ROOSEVELT ARMS FORTLAND</u> Project No.: <u>BSH3XC 807</u> Design By: <u>AA</u> Chk'd By: <u>MSC</u> Page of _____

· CALCULATE LOAD ON ROOF :



- TOTAL WEIGHT OF FRAME = 6488 Lbs. - PIPE MAST 6"\$ (18.97#/F) = 341.46 Lbs. = 400 Lbs. - CHIMNEY = 7229.46 LUS. - SAY 7600 Lbs. · CNECK ROOF SUPPORT BEAMS : - WIZX 26 A36 (ASSUMED) - LIVE LOAD: - SNOW = $\left(\frac{9.834 \text{ FT}}{2} + \frac{5.5 \text{ FT}}{2}\right) \times 31.5 \text{ PSF} = 241.5 \text{ PLF}$ - SAY 245PLF - DEAD LOAD - ROOF = (9.834FT + 5.5FT) × 3075F = 230 PLF NOTES: (3) STEEL BEAMS WERE ADDED TO SUPPORT THE BALLASTED MOUNT. ASSUME THE TOTAL CALCULATED FRAME BE DIVIDED BY (G) POINT LOADS; (1) POINT LOAD AT EACH END WT = 7600 Lbs. = 1266.66 Lbs.

HDG COULD NOT VERIFY THE ABOVE MENTIONED ROOF BEAMS ATTACHMENTS. HDG IS UNDER THE ASSUMPTION THAT THESE BEAM ARE BEING SUPPORTED BY COLUMNS OR BEARING WALLS.

BS 43×C807 12-19-12 AA



PARTIAL ROOF FRAMING PLAN t ŞK N.T.S.

Project: BS43XC807				page
Location: BOOE BEAM (ASSUMED)				Andres Agudeio
Multi-Loaded Multi-Span Beam				1600 Osgood Street Suite 2000 Pide 2001
[2009 International Building Code/AISC 13th Fo				North Andover MA 01845
A36 W12x26 x 22 83 FT				
Section Adequate By: 48.6%				StruCalc Version 8.0.112.0 12/19/2012 9:44:04 AM
Controlling Factor: Moment				LOADING DIAGRAM
DEELECTIONS Contar				-
DEFLECTIONS Center				
Dead load 0.45 in				
Total Load 0.71 IN L/388				
Live Load Deflection Criteria: L/360 Total Lo	ad Deflection (Criteria:	L/240	
				3
KEACTIONS A D				1 2
Dead load 4047 lb 6606 lb				
Total Load 6844 lb 9403 lb				
Bearing Length 0.68 in 0.68 in				A CALLER AND A CAL
DEAM DATA Contor				
Span Length 22.83 ft				AB
Liphraced Length-Top 0 ft				
Unbraced Length-Bottom 22.83 ft				
				UNIFORM LOADS Center
STEEL PROPERTIES				Uniform Live Load 245 plf
W12X26 - A30				Uniform Dead Load 230 plf
Properties				Beam Self Weight 26 plf
Yield Stress:	Fy =	36	ksi	Total Uniform Load 501 plf
Modulus of Elasticity:	E =	29000	ksi	POINT LOADS - CENTER SPAN
Depth:	d =	12.2	in	Load Number One Two Three Four
Web Thickness:	tw =	0.23	in	Live Load 0 lb 0 lb 0 lb 0 lb
Flange Width:	bf =	6.49	in	Dead Load 1267 lb 1267 lb 1267 lb 1008 lb
Flange Thickness:	tf =	0.38	in	Location 11 ft 17.67 ft 21 ft 21 ft
Distance to Web Toe of Fillet:	k =	0.68	in	÷ • •
Moment of Inertia About X-X Axis:	ix =	204	in4	ANTENING
Section Modulus About X-X Axis:	Sx =	33.4	in3	FRAME
Plastic Section Modulus About X-X Axis.		31.2	Ins	FRAME ATTENUM DOU
Elance Buckling Patio:	FBR =	8 54		
Allowable Flange Buckling Ratio	AFBR =	10.79		TRAME TRAME
Web Buckling Ratio:	WBR =	47.13		
Allowable Web Buckling Ratio:	AWBR =	106.72		
Controlling Unbraced Length:	Lb =	0	ft	
Limiting Unbraced Length -				
for lateral-torsional buckling:	Lp =	6.29	ft	
Nominal Flexural Strength w/ safety factor:	Mn =	66826	ft-lb	
Controlling Equation:	F2-1	47 49		
Web height to thickness ratio:	n/tw =	47.13		
Limiting height to thickness ratio for eqn. 92-2	$C_{V} =$	03.58		
Controlling Equation:	G2-2			
Nominal Shear Strength w/ safety factor:	Vn =	40406	lb	
Hommer onder oddengan in early				
Controlling Moment:	44979 ft-lb			
11.19 Ft from left support of span 2 (Center S	span)			
Created by combining all dead loads and live	loads on span	(s) 2		
Controlling Shear:	-9403 lb			
23.0 Ft from left support of span 2 (Center Sp	an)	10		
Created by combining all dead loads and live	ioaus on span	(5		
Comparisons with required sections:	Rea'd Pr	ovided		
Moment of Inertia (deflection): 126	.26 in4 2	204 in4		
Moment: 449	979 ft-lb 668	826 ft-lb		
Shear: -94	103 lb 404	06 lb		
NOTES				
NOTES				

Project: BS43XC807	Andres Agudelo
Location: SUPPORT MAST	Hudson Design Group LLC
Multi-Loaded Multi-Span Beam	1600 Osgood Street, Suite 3090, Bldg. 20N
[2009 International Building Code(AISC 13th Ed ASD)]	North Andover, MA 01845
Pine 6 Std x 17 99 FT (8 2 + 9 8) / ASTM A53-GR.B	
Section Adequate By: 67.5%	StruCalc Version 8.0.112.0 12/13/2012 1:18:42 PM
Centrolling Easter: Deflection	LOADING DIAGRAM
Controlling Factor. Deliection	
DEFLECTIONS Left Center	
Live Load 0.32 IN 2L/604 -0.05 IN L/2542	
Dead Load 0.05 in 0.00 in	
Total Load 0.37 IN 2L/526 -0.05 IN L/2349	
Live Load Deflection Criteria: L/360 Total Load Deflection Criteria: L/240	h and the
	(E) 3/16 Ø
REACTIONS A B	LUY WIRE
Live Load 1646 lb 491 lb	(CTYP.)
Dead Load 314 lb 29 lb	
Total Load 1961 lb 521 lb	W W
Uplift (1.5 F.S) 0 lb -319 lb	
Bearing Length 0.52 in 0.52 in	
BEAM DATA Left Center	β.16 H A 9.83 H B
BEAM DATA Lett October	
Span Length Top 0 # 0 #	
Unbraced Length-Top 0 it 0 it	LINIEOPM LOADS Left Center
Unbraced Length-Bottom 8.16 it 9.65 it	Uniform live load 100 plf 100 plf
STEEL PROPERTIES	Uniform Dood Lood 0 plf 0 plf
Pipe 6 Std A53-GR.B	Deem Self Meintet 10 plf 10 plf
	Tetal Usifermi and 140 alf 140 alf
Properties:	Total Uniform Load 119 pir 119 pir
Steel Yield Strength: Fy = 42 ksi	
Modulus of Elasticity: $F = 29000$ ksi	
Tube Steel Section (Y Avis): $dy = 6.63$ in	
Tube Steel Section (X Axis): dx = 0.00 m	· IOND BREAKDOWN:
Tube Steel Section (1 Axis). Uy = 0.05 m	
Area: A - 5.22 III2	
Section Modulus (X Axis): SX = 7.99 in3	LIVE LOAD.
Plastic Section Modulus: Z = 10.6 in3	
Design Properties per AISC 13th Edition Steel Manual:	- 000775C
Flange Buckling Ratio: FBR = 25.38	- wind = 3.577X28.43 rst
Allowable Flange Buckling Ratio: AFBR = 48.33	
Allowable Flange Buckling Ratio non-compact: AFBR_NC = 214.05	
Nominal Flexural Strength w/ Safety Factor: Mn = 22216 ft-lb	ſ
Controlling Equation: F8-1	-98 2 PLT
Shear Buckling Stress Coefficient Eqn. G6-2a: Fcr = 25 ksi	
Nominal Shear Strength w/ Safety Factor: Vn = 39384 lb	
	SAU - 100 PLF
	5/14
Controlling Moment: -3965 ft-lb	
Over right support of span 1 (Left Span)	
Created by combining all dead loads and live loads on span(s) 1, 2	
Controlling Shear: 989 lb	
At left support of span 2 (Center Span)	
Created by combining all dead loads and live loads on snan(s	
Created by Companing an dead loads and mae loads on spants	
Comparison with mentioned excelones Poold Provided	
Companisons with required sections: <u>requ</u> <u>Flovided</u>	
Moment or Inertia (deflection). 15.02 In4 20.0 In4	
Moment: -3905 π-10 22210 π-10	
Shear: 989 ID 39384 ID	
NOTES	



NOTE: OWNER AND TENANT MAY, FROM TIME TO WITH AN EXHIBIT SETTING FORTH THE LEC OR AS-BUILT DRAWING DEPICTING THE SIT CONSTRUCTION PLANS OF THE SITE, AND EQUIPMENT LOCATED WITHIN THE SITE CO ONLY, AND DOES NOT LUNIT THE RIGHTS THE LOCATIONS OF ANY ACCESS AND UTI LOCATIONS MAY BE DETERNINED BY TENA COMPLIANCE WITH LOCAL LAWS AND REGU

"NETWORK VISION MMBTS LAUNCH" "MARKET NAME:VT-NH-ME"

SITE NUMBER:

BS43XC807

ROOSEVELT ARMS PORTLAND

SITE ADDRESS: 234 STEVENS AVENUE PORTLAND, ME 04102

	SITE INF	ORMATION			CHE NTS	· · · ·	SHEET IN
SITE NUMBER:	B\$43XC807	LOCAL POWER	CENTRAL MAINE POWER CO.			SHEET NO.	DE
SITE NAME:	ROOSEVELT ARMS PORTLAND	COMPANY:	162 CANCO RD.	The second se		T-1	TITLE SHEET
SITE ADDRESS:	234 STEVENS AVENUE PORTLAND ME 04102		PORICAND, ME 04103		191	GN-1	GENERAL NOTES
COUNTY:	CUMBERLAND	COMPANY:	VERIZON 513 WARDEN AVE	Stand a state of the		A-1	ROOF PLAN AND EQUIPMENT PLANS
ZONING:	85		PORTLAND, ME 04103	/1 / · / · · · · · · · · · · · · · · · ·	1.0	A-2	ELEVTION & ANTENNA SCENARIO
PARCEL ID:	177 G004	APPLICANT:	SPRINT 1 INTERNATIONAL BLVD		1. 1. 6	A-3	DETAILS
COORDINATES:	43" 39' 58.69" N		SUITE 800	0 /. / · · · · · · · · · · · · · · · · ·		A-4	RF DATA SHEET
	70" 17' 46.57" W	APPLICANT		Westerner Constant	7-21	A-5	CABINET & ANTENNA WIRING DIAGRAM
GROUND ELEV:	94'± (AMSL)	REPRESENTATIVE:	ALCATEL-LUCENT			S-1	STRUCTURAL DETAILS
STRUCTURE TYPE:	ROOFTOP		WESTFORD, MA 01886			E-1	TYPICAL POWER & GROUNDING ONE LINE
STRUCTURE HEIGHT:	35'± (AGL)	SITE ACOUSTION	(0) 0)002-1000			AAV	SEE AAV SHEETS
ANTENNA RAD CENTER:	43.1'+ (AGI)	CONSULTANT:	ALCATEL-LUCENT	DIRECTIONS FROM MAHWAH, NJ:	and a state of the second		······································
PROPERTY/STRUCTURE	£		WESTFORD, MA 01886 (978)952-1600	HEAD NORTH ON INTERNATIONAL BLVD/PARK ST TOWARD QUEENSLAND RD. CONTINUE TO FOLLOW INTERNATIONAL BLVD. TAKE THE 3RD RIGHT ONTO PARK LN CONTINUE STRAIGHT ONTO LEISURE LI	/ .		APPROV
OWNER:	ROOSEVELT ARMS CONDOS 218-232 STEVENS AVENUE PORTLAND, ME 04102	A&E CONSULTANT:	HUDSON DESIGN GROUP LLC 1600 OSGOOD STREET BLDG 20 NORTH, SUITE 3090 NORTH ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 338-5586	SUMINUE ONTO NJ-17 N. TAKE THE NEW JERSEY 17 NANTERSTATE 28 N EXIT TOWARD INTERSTAT 87/NORTH NY THRUWAY.KEEP LEFT AT THE FORK, FOLLOW SIGNS FOR L287 NA-87N J-17 N/N Y. THR MERGE ONTO L-287 N/NJ-17 NENTERING NEW YORK. KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR SIL-287/TAPPAN ZEE BR/NEW YORK CITY/NEW YORK THRUWAY AND MERGE ONTO L-287 EA-87 S CON FOLLOW I-287 E. TAKE THE EXIT ONTO I-95 N ENTERING CONNECTICUT. TAKE EXIT 48 ON THE LEFT T ONTO I-91 N TOWARD HARTFORD. TAKE EXIT 29 TO MERGE ONTO L-45 N/US-S N TOWARD L-84 EE HARTFORD/BOSTON. CONTINUE ONTO CT-15 N. MERGE ONTO I-84 E. KEEP RIGHT AT THE FORK, FOL FOR I-90 E/N.H MAINE/BOSTON AND MERGE ONTO I-90 E. TAKE EXIT 10 TOWARD AUBURN/WORCES FOLLOW SIGNS FOR I-290 E/WORCESTER AND MERGE ONTO I-200 E. TAKE EXIT 28 NO NHE I EFT FOL	E UWAY AND 1-87 TNUE TO TO MERGE LOW SIGNS TER. R	HE FOLLOWING PA D PROCEED WITH DCAL BUILDING DI	RTIES HEREBY APPROVE AND ACCEPT THES ITHE CONSTRUCTION DESCRIBED HEREIN, EPARTMENT AND MAY IMPOSE CHANGES OR
	GENERA	L NOTES		INTERSTATE 495 N YOWARD LOWEL. MERGE ONTO 1-495 N. MERGE ONTO 1-95, TAKE EXIT 47 FOR RAY RD/ME-25 TOWARD WESTBROOK ARTERIAL, TURN RIGHT ONTO ME-25 E/RAND RD, TURN RIGHT ONTO BRIGHTON AVE, TURN RIGHT ONTO STEVENS AVE, DESTINATION WILL BE ON THE RIGHT	ND D	SPRINT:	
1. THIS IS AN UNI HANDICAPPED	MANNED TELECOMMUNICATION F.	ACILITY AND NOT FOR HL	WAN HABITATION;	SCOPE OF WORK		ALU CONSTRUC MANAGER:	TION
- NO OUTDOOF	ITER OR SANITARY SERVICE IS NOT R STORAGE OR ANY SOLIO WASTE	FREQUIRED RECEPTACLES REQUIRE	D	1. INSTALL FIBER DISTRIBUTION BOX WITHIN EXISTING LEASE AREA, REPLACE EXISTING MOD CEL MM-BTS CABINET & REPLACE EXISTING DC PLANT WITH (2) BBU CABINETS.	LWITH (1)	ALU LEASING/	
2. CONTRACTOR CONTRACTOR	2. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES.			2. REMOVE (3) EXISTING CDMA ANTENNAS REPLACE WITH (3) NETWORK VISION ANTENNAS & (6) R	RH'S.	SITE ACQUISITK	»:
BEFORE PROC RESPONSIBILIT EXPENSE.	EEDING WITH THE WORK. FAILUR Y ON THE CONTRACTOR TO CORR	E TO NOTIFY THE ARCHIN ECT THE DISCREPANCIE	TECT/ENGINEER PLACE THE	3. REMOVE EXISTING CDMA COAX CABLES & INSTALL (3) HYBRIFLEX CABLES FROM EQUIPMENT C, ANTENNA.	ABINET TO	ALU RF ENGINE	ER:
3. DEVELOPMENT	I AND USE OF THE SITE WILL CON	FORM TO ALL APPLICABL	E CODES AND ORDINANCES.	4. REMOVE EXISTING GPS ANTENNA AND REPLACE WITH NEW GPS ANTENNA.			
BUILDING COD ELECTRICAL CO STRUCTURAL C AND ANTENNAS	E: IBC 2009 ODE: 2005 NATIONAL ELECTRICAL C CODE: TIA/EIA-222-G STRUCTURAL S S	CODE STANDARDS FOR ANTEN	INA SUPPORTING STRUCTURES	 EXISTING LOCAL EXCHANGE CARRIER LANDLINE BACKHAUL FACILITIES TO BE REPLACED WITH PROPOSED ALTERNATIVE ACCESS VENDOR (AAV) FIBER OPTIC FACILITIES INCLUDING PROPOSE OVERHEAD/UNDERGROUND CONDUITS AND NETWORK INTERFACE DEVICE. 	Ð	LANDLORD/ PROPERTY OWN	IER:

TIME AT TENANT'S OPTION, REPLACE THIS EXHIBIT SAL DESCRIPTION OF THE SITE, OR WITH ENGINEERED TE OR ILLUSTRATING STRUCTURAL MODIFICATIONS OR Y VISUAL OR TEXTUAL REPRESENTATION OF THE ANTAINED IN THESE OTHER DOCUMENTS IS ILLUSTRATIVE OF SPRINT AS PROVIDED FOR IN THE AGREEMENT. LITY EASEMENTS ARE ILLUSTRATIVE ONLY. ACTUAL INT AND/OR THE SERVICING UTILITY COMPANY IN JLATIONS.	Sprint Service Vision AUBIS ALANCH INTERIATIONAL BY D. SUITE 600 MARYINA, NUCRASS TE: (200) 337-741 MAICATELI-LUCENT
	HICOLE COLUMN HEROBANS ROAD WESTORD, MA DISAS TEL: 19783 932-1600
Dane 2	RUENS 2005 N.ADOVE MADIAS N.ADOVE MADIAS N.ADOVE N.ADOVE MADIAS N.ADOVE N.ADOVE MADIAS N.ADOVE NA
	S ONAL ENGLIGHT
DIAGRAM	CHECKED BY: JX APPROVED BY: DPH SUBMITTALS REV. DATE DESCRIPTION BY
ALS	2 01/23/13 FOR CONSTRUCTION SF 1 12/27/12 ISSUED FOR REVEW MA
DATE:	BS43XC807 SITE NAME: ROOSEVELT ARMS PORTLAND SITE ADDRESS: 234 STEVENS AVENUE PORTLAND, ME 04102
DATE:	SEO THE TITLE SHEET
DATE:	seey waass T 1

DIVISION 01000 - GENERAL REQUIREMENTS PART 1 CENTRAL

REFER TO SPRINT STANDARD CONSTRUCTION SPECIFICATIONS, IN CASE OF A CONFLICT, SPRINT STANDARD CONSTRUCTION SPECIFICATIONS (LATEST EDITION) SHALL BE FOLLOWED.

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COUPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWTHE ORDERS OF ANY PUBLIC ALTHORITY, MERICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURSDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK, THE WORK PERFORMED ON THE PROJECT AND THE WATERALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- 2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COUPLETE SCOPE OF WORK, THE CONTRACTOR BLODING THE JOB IS NEVERTHELESS CAUTIONED THAT WIND OWESSIONS OR ERRORS IN THE DRAWING AND OR SPECUFICATIONS SHALL NOT EXCLUSE SAND CONTRACTOR FROM COUPLETING THE PROJECT AND DWROVENEUTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OF BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) SPRINT'S REPRESENTATIVE OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK.
- 4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBJISSION OF BIOS OR PERFORMING WORK TO FAVILLARIZE THEIRSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROLECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINUNCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL MANTAIN A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUM'S OR CLARIFICATIONS AVALABLE FOR THE USE OF ALL PERSONNEL INVOLVED WITH THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHOOS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACTOR 9,
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- 11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SITE CONDITIONS DURING CONSTRUCTION, UPON COMPLETON OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 12. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE ALL UNINCESSARY MATERIAL.
- 13. THE CONTRACTOR SHALL COMPLY WITH ALL PERTHENT SECTIONS OF THE STATE BASIC BUILDING CODE, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT, ALL EXISTING ACTIVE SEVER, WATER, GAS, ELECTRIC, AND OTHER UTRITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROTECTED AT ALL TIMES, AND OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ARCHITECT (EXISTING ASER). ARCHITECT/ENGINEER.
- 14. THE CONTRACTOR SHALL NOTIFY SPRINT'S REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS, THE CONTRACTOR IS NOT TO CORE MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED BY SPRINT'S REPRESENTATIVE.
- 15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- THE CONTRACTOR SHALL NOTIFY THE RF ENGINEER FOR ANTENNA AZIMUTH VERIFICATION (DURING ANTENNA INSTALLATION) PRIOR TO CONDUCTING SITE SWEEPING.
- 17. THE GENERAL CONTRACTOR SHALL IN ALL INSTANCES CONFORM TO THE SPECIFICATIONS ISSUED BY SPRINT
- PROMDE CORE DRILLING AS NECESSARY FOR PENETRATION OR RISERS THROUGH THE BUILDING, DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT STRUCTURAL ENGINEER'S STRUCTURAL DELEDERS MITHOUT STRUCTURAL ENGINEER'S APPROVAL, SLEEVES ANO/OR PENERATIONS IN FIRE RATEO CONSTRUCTION STALL BE PACKED WITH FIRE RATEO WATERAL WIKCH SYALL MANTAIN THE FIRE RATING OF THE STRUCTURE. FILL FOR FLOOR PENERATIONS SHALL PREVENT PASSAGE OF WATER, SNOKE FIRE AND FUNES, ALL MATERAL SHALL BE UL APPROVED FOR THIS PURPOSE

CONCRETE

CAST-IN-PLACE CONCRETE PART 1 - GENERAL

1.01 DESCRIPTION

WORK INCLUDES CONSTRUCTION OF CAST-IN-PLACED CONCRETE FOUNDATIONS, INCLUDING FURINISIEND AND INSTALLING REAUY-INX CONCRETE, REINFORMON, FORLWORK, AND ACCESSORY MATERIALS AS SHOWN ON THE DRAWNOS, CAST-IN-PLACE CONCRETE INCLUDES ALL STE CONCRETE, INCLUDING FOUNDATIONS, SLABS ON GRADE, EQUIPMENT PADS, AND GUARD POST FOUNDATIONS.

- 1.02 RELATED WORK
- A. COORDINATE UNDER SLAB CONOUTS
- 8. COORDINATE WITH GROUNDING
- 1.03 APPLICABLE STANDARDS
- A. ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS.
- B. ACI 347 GUIDE TO FORMWORK FOR CONCRETE. C. ASTM C33 -- CONCRETE AGGREGATES
- 0. ASTM C94 READY-MEXED CONCRETE
- E ASTM C150 PORTLAND CEMENT
- F. ASTM C260 AR-ENTRAINING ADMIXTURES FOR CONCRETE.
- G. ASTM C309 LIQUID MEMBRANE FORMING COMPOUNDS FOR CURING CONCRETE.
- H. ASTM C494 CHEMICAL ADMIXTURES FOR CONCRETE. I. ASTM A615 - DEFORMED STEEL BARS FOR CONCRETE REINFORCEMENT.
- J. ASTM A185 STEEL WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT
- 1.04 QUALITY ASSURANCE
- CONCRETE MATERIALS AND OPERATIONS SHALL BE TESTED AND INSPECTED BY THE ENGINEER AS DIRECTED BY SPRINT,
- 1.05 TESTS
- CONCRETE TESTS SHALL BE AS DETAILED BELOW OR AS DIRECTED BY SPRINT, CONCRETE MATERIALS AND OPERATIONS SHALL BE TESTED AND INSPECTED BY THE ENGINEER AS THE WORK PROGRESSES, FALLINE TO DETECT ANY DEFECTIVE WORK OR MATERIAL SHALL NOT IN ANY WAY PREVENT LATER REJECTION WHEN SUCH DEFECT IS DISCOVERED NOR SHALL IT OBLIGATE THE ENGINEER FOR FINAL ACCEPTANCE.
- A. THREE CONCRETE TEST CYUNDERS SHALL BE TAKEN OF THE TOWER PER FOUNDATION. ONE SHALL BE TESTED O THREE DAYS, ONE O TWENTY-BORH DAYS. THE THIRD CHUNDER SHALL BE KEPT SEPARATELY. (IF REQUIRED TO BE USED IN THE FUTURE.)
- ONE SLUMP TEST SHALL BE TAKEN FOR EACH SET OF TEST CYLINDERS TAKEN. SLUNP SHALL NOT EXCEED 4" URLESS OTHERWISE NOTED.
- PART 2 PRODUCT
- 2.01 CONCRETE MATERIALS
- concrete shall be composed of portland cement, water, fine and coarse aggregates, and admittures as specified below, all well mixed and brought to proper consistency, class 1, 8, 81, or v.
- A. CEMENT: CEMENT SHALL BE TYPE II, GRAY COLOR, LOW-ALKAU PORTLAND CEMENT CONFORMING TO ASTM C150.
- B. FINE AND COARSE AGGREGATES: AGGREGATES FOR USE IN CONCRETE SHALL COMPLY WITH ASTIN C33.
- C. WATER: WATER FOR MOUND AND CURRIG CONCRETE SHULL BE FREE FROM SEWAGE, OL, ACID, ALXALI, AND SALTS AND SHALL BE FREE FROM OBJECTIONABLE QUANTITIES OF SILT, ORGANIC MATTER, AND OTHER DELETERIOUS SUBSTANCES.
- 2.02 ADVIXTURES
- A. CHEMICAL ADMIXTURE: ASTM C494, TYPE A- WATER REDUCING OR TYPE D WATER REDUCING AND RETARDING. 2.03 CURING COMPOUND: ASTM C309, TYPE1. CLASS B; TRANSLUCENT,
- 2.04 ACCESSORIES
- A. NONSHRINK GROUT: PREMIXED COMPOUND CONSISTING OF NONMETALLIC ACGREGATE, COLENT, WATER REDUCING AND PLASTICIZING ACENTS; CAPABLE OF DEVELOPING MINIMUM COMPRESSME STRENGTH OF 7,000 PSI IN 28 DAYS.
- 8. JOINT FILLER: BITUMINOUS TYPE, ASTM D1751 OR NON-BITUMINOUS TYPE ASTM D1752.
- C. ANCHOR BOLTS: ASTM A307. UNPRIMED.
- 2.05 CONCRETE MIX
- A CONCRETE SHULL BE PROPORTIONED PER REQUIREMENTS OF ACI 301 & SPRINT CONSTRUCTION SPECIFICATIONS FOR DESIGN STRENGTI & WORKABURY, CONCRETE SHULL BE DELIVERED WITHIN 45 MINUTES OF ADDITION OF WATER TO MX,
- B. THE FOLLOWING STRENGTHS SHALL BE USED:
 1. FENCE POST FOUNDATIONS DESIGN COMPRESSIVE
 STRENGTH AT 28 DAYS OF 3,000 PSI,
 2. EQUPLIENT FOUNDATION DESIGN COMPRESSIVE
 STRENGTH OF 3,000 PSI AT 28 DAYS UNLESS OTHERMISE NOTED.
 (COMTRACTOR FUNNISH 4,000 PSI CONCRETE),
 3. CONCRETE STRENGTH FOR MONOPOLE OR TOWER
 FOUNDATION SHALL BE 1,000 PSI MORE THAN THE
 HAMILENTIBEE'S BECOMMENDATIONS 4 000 PSI MORE
 HAMILENTIBEE'S BECOMMENDATIONS 4 000 PSI MORE MANUFACTURER'S RECOMMENDATIONS, 4,000 PSI MINIMUM.

- C. USE ACCELERATING ADMIXTURES IN COLD WEATHER AND RETARDING ADMIXTURES IN NOT WEATHER ONLY WHEN APPROVED BY THE ENGINEER,
- TOTAL AR CONTENT SHALL BE 5 PERCENT PLUS OR MINUS TOTAL
 PERCENT.
- PART 3 EXECUTION 3.01 INSPECTION
- THE CONTRACTOR SHALL VERFY ANCHORS, SEATS, PENETRATIONS, PLATES, RENFORCEMENT, AND OTHER TIELS TO CAST INTO CONCRETE NER LOCURATELY PLACED, HELD SECURITY, AND SHALL NOT CAUSE HARDSHEP IN PLACING CONCRETE,
- - 3.02 PREPARATION
 - A. THE CONTRACTOR SHALL PREPARE PREMOUSLY PLACED CONCRETE BY CLEANING WITH STEEL BRUSH AND APPLYING BONDING AGENT. APPLY BONDING AGENT IN ACCORDANCE WITH
 - 3.03 PLACING CONCRETE

MANUFACTURER'S INSTRUCTIONS.

- A THE ENGINEER SHALL BE NOTFIED NOT LESS THAN 24 HOURS IN ADVANCE OF CONCRETE PLACEMENT, UNLESS INSPECTION IS WAYED IN EACH CASE, PLACENG OF CONCRETE SHALL BE PERFORMED ONLY IN THE PRESENCE OF THE ENGINEER.
- CONCRETE SHALL NOT BE PLACED UNTIL ALL FORM WORK, EMBEDDED PARTS, STEEL REINFORCEMENT, FOUNDATION SURFACES, AND JOINTS INVOLVED IN THE PLACING HAVE BEEN APPROVED, AND UNTIL FACILITIES ACCEPTABLE TO THE SPRINT REFRESENTATIVE HAVE BEEN PROVIDED AND MADE READY FOR ACCOMPLEMENT OF THE WORK AS SPECIFIED. CONCRETE MA NOT BE ORDERED FOR PLACEMENT UNTIL ALL INSPECTION AND GNEN APPROVAL TO START PLACEMENT IN WRITING. E BEEN
- B. UNLESS SPECIFIED TO BE BEVELED, EXPOSED EDGES OF FLOATED OR TROWELED SURFACES SHALL BE EDGED WITH A TOOL HAVING A 1/4" CORNER RADIUS,
- C. PLACEMENT OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301.
- D. THE CONTRACTOR SHALL ENSURE THAT REINFORCEMENT, INSERTS, EMBEDDED PARTS, FORMED JOINTS AND VAPOR BARRIERS ARE NOT DISTURBED DURING CONCRETE PLACEMENT.
- E. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWNIGS: CONCRETE CAST AGAINST EARTH OR WEATHER:
- - SLAB AND WALL

- BEAMS AND COLUMNS ...
- 3.04 SURFACE FINISHES
- SURFACES AGAINST WHICH BACK FILL OR CONCRETE SHALL PLACED REQUIRE NO TREATMENT EXCEPT REPAIR OF BE PLACED REQUIRE DEFECTIVE AREAS,
- B. SURFACES THAT WILL BE PERMANENTLY EXPOSED SHALL PRESENT A UNIFORM FINISH PROVIDED BY THE REMOVAL OF FINS AND THE FILLING OF HOLES AND OTHER IRREGULARITES WITH DRY PACK GROUT, OR BY SACKING WITH UTILITY OR ORDINARY GROUT.
- C. SURFACES THAT WOULD NORMALLY BE LEVEL AND WHICH WILL BE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE WILL BE FERMANENTLY EXPOSED TO THE WEATHER SHALL BE SLOPED FOR PRANACE, UNLESS ENGNER'S DESCH DRAWING SPECIFIES A HORIZONTAL SURFACE OR SHOWS THE SLOPE RECURED. THE TOPS OF NARROW SURFACES, SUCH AS STAR TREADS, WALLS, CURBS, AND PARAPETS SHALL BE SLOPED APPROXIMATELY 3/4° /FT OF WOTH. BROADER SURFACES SUCH AS WALKS, RADOS, PARKING AREAS AND PLATFORMS SHALL BE SLOPED APPROXIMATELY 1/4° /FT.
- D, SURFACES THAT WILL BE COVERED BY BACKFILL OR CONCRETE SHALL BE SMOOTH SCREEDED,
- E. EXPOSED SLAB SURFACES SHALL BE CONSOLIDATED, SCREEDED, FLOATED, AND 'STEEL TROWELED, 'HAND OR POWER-DRIVEN EQUIPHENT MAY BE USED FOR FLOATINGS WHICH SHALL BE STATED AS SOON AS THE SCREENED SUFFACE HAS ATTAINED A STIFFNESS TO PERMIT FINISHING OPERATIONS, ALL AI MANEU A SIBTINESS ID PERMII HISHING DIPERATIONS, ALL EDGES MUST HAVE A 3/4° CHANFER. CONCRETE EDRINSON ANCHORS AND EPOXY ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS, SPECIAL INSPECTIONS, REQUIRED BY COVERNING CODES, SHALL BE PERFORMED IN ORDER TO MANTAIN MANUFACTURER'S MAXIMUM ALLOWINE I OLDE. ALLOWABLE LOADS. MANUFACTURER'S MERIMUM CONCRETE EDGE DISTANCE SHALL BE MAINTAINED DURING INSTALLATION.
- 3.05 PATCHING
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON REMOVAL OF THE FORMS TO OBSERVE CONCRETE SURFACE CONDITIONS. IMPERFECTIONS SHALL BE PATCHED ACCORDING TO THE ENGINEERS DIRECTION.
- 3.06 DEFECTIVE CONCRETE

THE CONTRACTOR SHALL, MODIFY OR REPLACE CONCRETE NOT CONFORMING TO REQUIRED LEVELS AND LINES, DETAILS, AND ELEVATIONS AS SPECIFIED IN ACT 301.

3.07 PROTECTION

A IMMEDIATELY AFTER PLACEMENT, THE CONTRACTOR SHALL PROTECT THE CONCRETE FROM PREMATURE DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL UNJURY, FINISHED WORK SHALL BE PROTECTED,

B. CONCRETE SHALL BE MAINTAINED WITH MINIMAL MOISTURE LOSS AT RELATIVELY CONSTANT TEMPERATURE FOR PERIOD NECESSARY FOR INDRATION OF CEMENT AND HARDENING OF CONCRETE.

METALS

00065

BUILDINGS".

- PART 1 GENERAL
- 1.01 WORK INCLUDED

A. THE WORK CONSISTS OF THE FABRICATION AND INSTALLATION OF ALL MATERIALS TO BE FURRISHED, AND WITHOUT ULITING THE GENERALITY THEREOF, INCLUDES ALL EQUIPART, LABOR AND SERVICES REQUIRED FOR ALL STRUCTURAL STEEL WORK, INCLUDING ALL ITEMS INCIDENTIAL THERETO AS SPECIFIED HEREIN AND AS SHOWN ON THE DRAWINGS. INCLUDING:

W000

APPROVED FOULL

PART 1 - GENERAL

STATED.

BENDS).

ROOF, WORK

1. STEEL FRAMING INCLUGING BEAMS, ANGLES, CHANNELS AND PLATES.

A. THE WORK SHALL CONFORM TO THE CODES AND STANDARDS OF THE FOLLOWING AGENCIES AS FURTHER CITED HERDN:

1. Astin: American society for testing and materials, as published in "compliation of astim standards in building $\ensuremath{\mathsf{DMP}}$

2. AWS: AMERICAN WELDING SOCIETY INC., AS PUBLISHED IN "STANDARD D1.1-2006, STRUCTURAL WELDING CODE".

3. AISC AMERICAN INSTITUTE FOR STEEL CONSTRUCTION, AS PUBLISHED IN "CODE FOR STANDARD PRUCTICE FOR STEEL BUILDINGS AND BRIDGEST, "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR

4. EIA/TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES.

PART 2 - STRUCTURAL NOTES ALL STEEL WORK SHALL BE PANTED OR GALVANZED N ACCORDANCE WITH THE DRAWINGS AND SPRINT SPECIFICATIONS UNLESS OTHERWISE NOTED. STRUCTURAL STEEL SHALL BE ASTM-992-50 UNLESS OTHERWISE NOTED ON THE SITE SPECIFIC DRAWINGS STEEL DESIGN, INSTALLTON AND BOLTING SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (A/SC) "MANUAL OF STEEL CONSTRUCTION". MISC. STEEL TO BE A38.

1. DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND

2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PROR TO FABRICATION AND ERECTION OF ANY MATERIAL ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGNEER

3. DESKIN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESKIN, FABRICATION AND ERECTION OF

4. STEEL PIPE SHALL CONFORM TO ASTM ASOO "COLD-FORMED WEDGO & SEAALESS CARBON STEEL STRUCTURAL TUBMO", GRADE & OR ASTM AS3 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAALESS TIPE E OR S, GRADE B, PIPE SIZES RIDICATED ARE NOMINAL ACTUAL OUTSIDE DUMETER IS LARGER.

5. STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE)AND CONFORM TO ASTM A325 THCH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND FLAN HARDENED WASHERS'. UNLESS OTHERMISE

6. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FARICATION IN ACCORDANCE WITH ASTIN A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERMISE NOTED.

7. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A15.3 "ZINC-COATING

(HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.

8. FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED CALVANIZED SURFACES SHALL BE REPARED WITH AN ORGANIC ZING REPAR PAINT CONFLYING WITH REQUREVENTS OF ASTM A750. CALVANIZING REPAR PAINT SHALL MAVE 65 PERCENT ZINC BY WEIGHT, ZING BY DUNCAN GALVANIZING, GALVA BRIGHT PREURAM BY CROWN OR EQUAL THICKNESS OF APPLIED CALVANIZING REPAR PANT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATS ALLOW THE TO DRY BETWEEN COATS) WITH A RESULTING COATSMG TRICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.

9. CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR WETHODS USED IN CORRECTING WELDING, ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES", ALL WELDING SHALL BE DONE USING ETYOXY ELECTRODES AND WELDING SHALL CONFORM TO ASC AND DI., WHERE FILLET WELD SZEES ARE NOT SHOWN, PROVIDE THE WINKING SZEE PER TABLE J.2.4 IN THE ANSC "MANUAL OF STEEL CONSTRUCTION", 13TH EDITION.

10. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REVEOUL OR CORRECTIVE ACTION, NAY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL

11. UNISTRUTS SHALL BE FORWED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP, WAYNE, MI OR EQUAL STRUT MEMBERS SHALL BE 1 5/8'x1 5/8'x120A UNIESS OTHERMISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION FOR EXTERNAL USE APPLICATIONS.

12. UNLESS OTHERWISE NOTED, EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF 1/2" DIAWETER STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESME. THE ANCHORMS SYSTEM SHALL BE THE HLTI-HIT HY-20 AND OR HY-150

SYSTEMS (AS SPECIFIED ON DWG.) OR ENGINEERS APPROVED EQUAL WITH 4-1/4" VIN. EMBEDWENT DEPTH.

NOTED, ALL BOLTS SHALL BE 5/8" DIA TYPE X.

STRUCTURAL STEEL FOR BUILDINGS".

APPLICABLE.

APPLICABLE SUPPLEMENTS, ANS/TU-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES.

2. WELDING AND BOLTING OF ATTACHMENTS.

1.02 REFERENCE STANDARDS









SPRINT CONSTRUCTION STANDARDS:

GENERAL CONTRACTOR SHALL ADHERE TO THE FOLLOWING SPRINT CONSTRUCTION STANDARDS

- 09-08-11.

(*) NOTE: ALU CN SHALL CONFIGN ALL JUMPER/HYDRIFLEX LENGTHS BEFORE PREPARING B.O.M. RECOMMENDED HYDRIFLEX LENGTHS SHOWN INCLUDE 20 FEET FOR 10-FOOT COLLS AT EACH END OF THE FIBER TRUNK.

IMPORTANT:

GENERAL CONTRACTOR/TOWER CREW SHALL VERIFY THAT THE LATEST RF DATA SHEET ARE USED FOR EQUIPMENT INSTALLATION,

	ſ		1 ····· · · · ·	
; ;	Markel	YT-NH-ME		
	Cascade ID	8S43XC807		
1		SECTOR 1	SECTOR 2	SECTOR 3
	Split sector present	No	No	No
	1900MHz_Azimuth	20	150	240
	1900MHz_No_of_Antennas	1	1	1
	1900MHz_RADCenter(ft)	43.1	43. t	43.1
	1900MHz_Antenna Make	RFS	RFS	RFS
	1900MHz_Antenna Model	APXVSPP18-C+A20	APXVSPP18-C-A20	APXVSPP18-C-A20
	1900MHz_Horizontal_Beamwidth	65	65	65
	1900MHz_Vertical_Beamwidth	5.5	5.5	5.5
	1900MHz_AntennaHeight (/t)	6	6	6
	1900MHz_AntennaGain(d8d)	15.9	15.9	15.9
1	1900MHz_E_Tilt	0	-4	-1
	1900MHz_M_TH	0	¢	0
	1900MHz_Carrier_Forecast_Year_2013	2	2	2
	1900MHz_RRH Manufacturer	ALU	ALU	ALU
8	1900MHz_RRH Model	RRH 1900 4X45 65MHz	RRH 1900 4X45 65MHz	RRH 1900 4X45 65MHz
5	1900MHz_RRH Count	1	1	1
	1900MHz_RRH Location	Top of the Pole/Tower	Top of the Pole/Tower	Top of the Pole/Tower
	1900MHz Combiner Model	No Combiner Required	No Combiner Required	No Combiner Regulated
	1900-WHz Too, Jumper #1 Length (RBH or Combiner-to-Antenna for TT or Main Coax to	10 (*)10	10 (+)10	10 (*)10
	1900MHz Top Jumper #1 Cable Model (RRH or Combiner-to-Antenna for TT or Main Coax	LCF12-50J	I CF12-50J	LCF12-501
	1900WHz Top Jumper #2 Length (RRH to Combiner for TT if applicable, ft)	N/A	N/A	N/A
	1900MHz Top Jumper #2 Cable Model (RRH to Combiner for TT if applicable)	N/A	N/A	N/A
	1900WHz Main Coax Cable Length (ft)	N/A (4)90	N/A (4)90	N/A (+)90
	1900MHz Main Coax Cable Model	N/A	N/A	N/A
	1900MHz_Bottom_Jumper #1_Length (Ground based RRH to Combiner-OR-Main Coax, ft)	N/A	N/A	N/A
	1900MHz Bottom Jumper #1 Cable Model (Ground based RRH to Combiner-OR-Main Coax)	N/A	N/A	N/A
	1900MHz_Bottom_Jumper #2_Length (Ground based Combiner to Main Coax, ft)	N/A	N/A	N/A
	1900MHz_Bottom_Jumper #2_Cable_Nodel (Ground based-Combiner to Main Coax)	N/A	N/A	N/A
	800MHz_Azimuth	20	150	240
	800WHz_No_of_Antennas	0	0	0
	800WHz_RADCenter(ft)	43.1	43.1	43.1
	800WHz_AntennaMake	RFS	RFS	ŔFS
		APXVSPP18-C-A20 (Shared	APXVSPP18-C-A20 (Shared	APXVSPP18-C-A20 (Shared
	800MHz_AntennaModel	w/1900)	w/1900)	w/1900)
	800MHz_Horizontal_Beamwidth	65	65	65
- 1	800NHz_Vertical_Beamwidth	11.5	11.5	11.5
	800WHz_AntennaHeight (ft)	6	6	6
	800MHz_AntennaGain (dBd)	13,4	13.4	13.4
8	800MHz_E_Tit	0	-8	-1
ŝ	800MHz_M_Tilt	C	0	0
	800MHz_RRH Manufacturer	ALU	ALU	ALU
ļ	800MHz_RRH Model	800 MHz RRH 2x50W	800 MHz RRH 2x50W	800 MHz RRH 2x50W
	800MHz_RRH Count	1	1	1
	800MHz_RRH Location	Top of the Pole/Tower	Top of the Pole/Tower	Top of the Pole/Tower
	800_Top_Jumper #1_Length (RRH to Antenna for TT or Main Coax to Antenna for GM)	10 (*)10	10 (*)10	10 (*)10
	SUU_TOP_JUMPEr_Cable_Model (RRH to Antenna for TT or Main Coax to Antenna for GM)	LCF12-50J	LCF12-503	LCF12-50J
	SUCHHZ_MAIN_COAX_CABLE_LENGTH (11)	N/A (*)90	N/A (*)90	N/A (*)90
ļ	suuminz_main_uoax_cable_Model	N/A	N/A	N/A
	supportion_sumper #1_Length (Ground based RRH to Main Coax)	N/A	N/A	N/A
_	avo_portoni_jumper # r_cable_Model (pround based KKH to Main Coax)	N/A	N/A	N/A
_	rionoung scenario	124	124	124
ê	in pumping scenario does not match the material received, please contact your Constructio	n manager		
ě.	11/7/2V12			
5				
Ψļ				

RF DATA SHEET SCALE: N.T.S.

1 A-4





SCENARIO 124_v2.0

IMPORTANT:

IMPORTANT:

1	xxxes *xxer Cable "Y" jumper. C-Tap jumper from Pair 3 to 1900 RRH2. Westherproof C-Tap and leave 18-24* toop.
ľ	kdes Varm jumper cap connection. This alarm jumper must be in place to make the RRH # 2 of the pair. (# 2 is always the one furthest from the pipe)
ł	spare Fiber Pairs & DC Power terminated, weatherproofed, spooled and tie wrapped to side of 800Whz RRHL (cable management)
1	Coax Junper, 1900 Combiner COM 4 part TO/FROM Antenna -15 part
ľ	Coex jumper, 1900 Combiner COM 3 port TQ:FROM Antenna +45 port 1900/hz
	Coas jumper, 1909 Combiner COM 2 port TO/FROM Antenna -45 port 1900Minz
Ì	Coax Jumper, 1900 Container COM 1 port TO/FROM Anterina +45 port 1900Mhz
	Coax Jumper, 1900 CDMA RRH2 TX2/X2(logical TX/RX4) port T0/FROM Cambiner Port A484 1900Ahz
	Coex jumper, 1900 CDMA RRH2 TX1/RX1(logical TX/RX3) port T0:FROM Combiner Port A383 1900/Rtz
1	Coax Juncer, 1900 COMA RRHI TX2,RX2 port T0,FROM Contriker Port A282 1900Miz
4	Coex jumper, 1500 CDMA RRH1 TX1/RX1 port T0/FROM Combiner Port A1B1 1907ARz
	n ber Junger, 1930 Kikini Lunio Seu poli TC/FROM 1909 RRH2 CPRI SEC poli 1900Whz
	Do name Junger, name nar z dian i do norodi 1900 dova nariz - 45 y do pol (42 Junger) 1900 Mizz E Marza - 1000 DD/ 16 CODI CTD 4 70 50 00 (2004 DD/ 40 DD/ 47 D
Ś	100 Ming Prove Parce Par
1	1900Mbz Fiber Pair 2, 1900 CDNA RRHI CPRI PRI por TOYFROM Distriction Box Toy I C Rickhard Portion 13, 14 (51), 19, 20 (51
1	19004/hz DC Power Pair 2 Hybridez, 1900 CDWA RRH1-45VDC port TO/FROM Distribution Brux Breaker 2/511, 8 (52), 10 (53)
K	1900Whz Coax jumper, 1900 LTE RRH2 TX2/RX2Juogical TX/RX4) port TU-FROM Combiner Port G4
1	Iskuwnz Coas Junger, 1900 LTE RRH2 TX1/RX1(logical TX/RX3) port TO:FROM Combiner Port G3
5	Cost Juner, 1900 LTE RRH1 TX2/RX2 port T0/FROM Combiner Port G2
Ľ	Case jumps, 1900 LTE RRH1 TX1/RX1 port TO/FROM Combiner Port G1
í.	AISG Cable Jumper, 1500 Antenna RET/ADL port TO/FROM 1900 Antenna RET/ALD port (RET Motors) 1900/May
	AISG Ceòle jumper, 1900 COMA RRH1 AISG port TO/FROM 1900 Anlenna RET/ADL port 1900 Ana
ì	Fiber Jumper, 1900 RRHI CPRI SEC port TO/FROM 1900 RRHZ CPRI SEC port 1900Mhz
	DC Power Jumper, Power Pair 3 CTAP TO/FROM 1900 LTE RRH2 -48VDC port (42" Jumper) 1900/Ihz
â	Fiber Pair 3, 1900 RRH2 CPRI PRI port TOLFROM Distribution Box, Top LC Buildhead, Position 3-4 (S1), 9-10 (S2), Lower LC BH, Position 3-4 (S3) 1800/khz

SCALE: N.T.S.



- ----



SITE ADDRESS: 234 STEVENS AVE PORTLAND, ME 04102

	SITE INFO	ORMATION			IS	SHEET II
SITE NUMBER: SITE NAME: SITE ADDRESS:	BS43XC807 ROOSEVELT ARMS PORTLAND 234 STEVENS AVE PORTLAND, ME 04102	LOCAL POWER COMPANY: AAV PROVIDER: APPLICANT:	CENTRAL MAINE POWER CO. FAIRPOINT SPRINT	Bolining And I I Orrestousian I Bolining And I I Orrestousian I I I I Orrestousian I I I I I I I I I I I I I I I I I I I	SHEET	DESCRIPTION
COUNTY: ZONING:	CUMBERLAND RESIDENTIAL		1 INTERNATIONAL BLVD, SUITE 800 MAHWAH, NJ 07495		5 T-1	TITLE SHEET
PARCEL ID: COORDINATES(*):	177-6-002 N 43°39'58,80° W 70°17'46,93°	APPLICANT REPRESENTATIVE:	ALCATEL-LUCENT 1 ROBBINS ROAD WESTFORD, MA 01888 TEL: (978) 952-1600		t-2	SITE PHOTOS
GROUND ELEV.: STRUCTURE TYPE:	84'± (AMSL) ROOFTOP	SITE ACQUISITION CONSULTANT:	ALCATEL-LUCENT 1 ROBBINS ROAD		A-1	COMPOUND PLAN
STRUCTURE HEIGHT: ANTENNA RAD CENTER:	35' (AGL) 43'+ (AGL)		WESTFORD, MA 01886 TEL: (978) 952-1600	SITE SITE	A-2	DETAILS
PROPERTY OWNER:	ROOSEVELT ARMS CONDOS 218-232 STEVENS AVENUE PORTLAND, ME 04102	A&E CONSULTANT:	HUDSON DESIGN GROUP LLC 1600 OSGOOD STREET BLDG 20 NORTH, SUITE 2-101 NORTH ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586	Crun Ringio	THE FOLLOWING PARTIE TO PROCEED WITH THE LOCAL BUILDING DEPAR	APPROV ES HEREBY APPROVE AND ACCEPT THI CONSTRUCTION DESCRIBED HEREIN, RTMENT AND MAY IMPOSE CHANGES OF
THIS IS AN UNM -HANDICAPPED - PORTABLE WA - NO OUTDOOR CONTRACTOR S CONTRACTOR S BEFORE PROCE RESPONSIBILIT EXPENSE, S. DEVELOPMENT BUILDING CODE	GENERA ANNED TELECOMMUNICATION FAC ACCESS NOT REQUIRED ITER OR SANITARY SERVICE IS NOT STORAGE OR ANY SOLID WASTE R SHALL VERIFY ALL PLANS, EXISTING SHALL VERIFY ALL PLANS, EXISTING SHALL VERIFY ALL PLANS, EXISTING SHALL VERIFY ALL PLANS, EXISTING ON THE CONTRACTOR TO CORRECT AND USE OF THE SITE WILL CONFOC MASSACHUSETTS STATE BUILDIN	L NOTES ILITY AND NOT FOR HUR REQUIRED ECEPTACLES REQUIRED COMENSIONS, AND CO RCHITECT/ENGINEER IN TO NOTIFY THE ARCHIT CT THE DISCREPANCIES ORM TO ALL APPLICABLE G CODE 780 CMR - 8TH	AAN HABITATION: D NOITIONS ON JOB SITE. WRITING OF ANY DISCREPANCIES ICT/ENGINEER PLACE THE S AT THE CONTRACTOR'S ICODES AND ORDINANCES. EDITION	CALL BEFORE YOU DIG CALL TOLL FREE 888-DIG-SAFE	ALCATEL-LUCENT REP: AAV REP: SITE ACQUISITION: LANDLORD/ PROPERTY OWNER:	
BUILDING CODE ELECTRICAL CO STRUCTURAL C	: MASSACHUSETTS STATE BUILDIN DE: 2008 NATIONAL ELECTRICAL CO ODE: TIMEIA-222-G OR LATEST EDIT	G CODE 780 CMR - 8TH I DDE MON	EDITION			

	(market
Sprint. VISION INTERNATIONAL BYO, SUITE BOD MARWAA NOOPSS TE: (BOD) 357-7441	
Alcatel·Lucent NETROGN MACIES TEL (778) 552-160	
Hudson Design Grouplic HECOCOSCOCO STREET BULDING 20 HORTH SUITE 2:101 IN ANDOVER, MADIALS FAC (772) 335-555	3
CHECKED BY: KB]
APPROVED BY: DPH	」 1
REV. DATE DESCRIPTION BY	
0 08/20/12 FOR REVIEW JG	
SITE NUMBER: BS43XC807 SITE NAME: ROOSEVELT ARMS PORTLAND SITE ADDRESS: 234 STEVENS AVENUE PORT AND USE OUTOR	
SHELL BRE TITLE SHEET	
sheek T 1	
	SUBMITTALS REVENUE SUBMITTALS SUBMITTALS SUBMITTALS SUBMITTALS SUBMITTALS SUBMITTALS

PROPOSED MEET POINT

