



Crown Castle  
3 Corporate Park Drive, Suite 101  
Clifton Park, NY 12065

April 24, 2018

Melanie A. Bachman  
Acting Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

**RE: Notice of Exempt Modification for Sprint Crown Site BU: 842870**  
**Sprint Site ID: CT23XC552**  
**434 Boston Post Road, Milford, New Haven County, CT 06460**  
**Latitude: 41° 13' 42.69"/ Longitude: -73° 4' 12.47"**

Dear Ms. Bachman:

Sprint currently maintains (3) antennas at the 150-foot level of the existing 150-foot monopole at 434 Boston Post Road, Milford, Connecticut 06460. The tower is owned by Crown Castle. The property is owned by the City of Milford. Sprint intends to install (3) antennas, (4) lines, and (6) RRHs.

The facility was approved by the Connecticut Siting Council's Petition No. 487 on October 19, 2000. This approval was given without conditions.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.S.C.A. § 16-50j-73, a copy of this letter is being sent to Mr. Benjamin G. Blake, Mayor, City of Milford, as the City is the property owner, Mr. David Sulkis, City Planner, City of Milford, and Crown Castle is the tower owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

Melanie A. Bachman

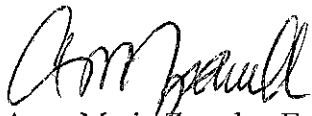
April 19, 2018

Page 2

6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Sprint respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Anne Marie Zsamba.

Sincerely,



Anne Marie Zsamba, Esq.

Real Estate Specialist

3 Corporate Park Drive, Suite 101, Clifton Park, NY 12065

(518) 350-3639

annemarie.zsamba.contractor@crowncastle.com

Attachments:

Tab 1: Exhibit-A: Compound plan and elevation depicting the planned changes

Tab 2: Exhibit-B: Structural Modification Report

Tab 3: Exhibit-C: General Power Density Table Report (RF Emissions Analysis Report)

cc: Mr. Benjamin G. Blake, Mayor  
City of Milford  
110 River Street  
Milford, CT 06460  
(203) 783-3201

David Sulkis, City Planner  
City of Milford  
70 West River Street  
Milford, CT 06460  
(203) 783-3245

Petition No. 487  
VoiceStream Wireless  
North Branford, Connecticut  
Staff Report  
October 19, 2000

On October 17, 2000, Connecticut Siting Council (Council) member Dr. William H. Smith and Christina Lepage and Joel Rinebold of the Council staff met with VoiceStream Wireless (VoiceStream) representative Brendan Sharkey west of Route 22, North Branford, Connecticut for inspection of an electric transmission structure. The property and structure is owned by Connecticut Light and Power Co. (CL&P). VoiceStream Wireless, with the agreement of CL&P, proposes to modify the structure by installing antennas and associated equipment for telecommunications use and is petitioning the Council for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (Certificate) is required for the modification.

VoiceStream proposes the installation of three EMS dual-pol antennas on top of a 3-inch wide pipe mast extension. The antennas will extend approximately 10-feet 8-inches above the existing 91-foot 6-inch transmission line monopole structure (#4955). The height at the top of the antennas will be about 102-feet 2-inches above ground level (AGL) with the centerline at 99-feet 10-inches AGL. This design requires a minimum of six feet above the CL&P shield wire. The structural analysis suggests that the existing guy be replaced and that an additional guy be added to the other side to ensure the capability of the structure to support the proposed equipment.

The Nortel S8000 equipment cabinet will be mounted on a 10'x12' concrete slab in a 15'x20' fenced compound at the base of the tower facing Route 22. A second Nortel S8000 equipment is proposed for future installation if the site begins generating significant traffic and the structure is able to accommodate additional loading. The equipment cabinet does not require any protective structures or air conditioning; therefore no audible noise will be created. Power and telephone service to the site will be provided from an underground conduit to the west side of Route 22 and then routed overhead to an existing utility pole on the east side of the highway.

The Algonquin gas line will serve as access to the site as currently used by CL&P. Trenching for the site will be at a required depth of between 12 and 36 inches, depending on the terrain, and will span from the tower to the western edge of Route 22. CL&P has already contacted Algonquin Gas about the proposed installation.

The proposed site is located directly west of Route 22 in North Branford. The zoning designation of this site is R-80 residential. Land use in the surrounding area is primarily woodland, with some distant single-family residences and the Evergreen Woods senior facility through the woods to the west. The closest residence to the proposed site is approximately 600 feet to the north.

VoiceStream contends that the increase in height of this monopole structure will not result in a substantial environmental effect. The proposed project will prevent the construction of a new tower in the area. VoiceStream also states that the PCS antennas will blend in with the existing transmission line structure and the placement of the associated equipment, which will be directly underneath the existing tower, will limit the disturbance created by construction activities.

The worst-case power density for the telecommunications operations at the site has been calculated to be 2.12% of the applicable standard for uncontrolled environments.

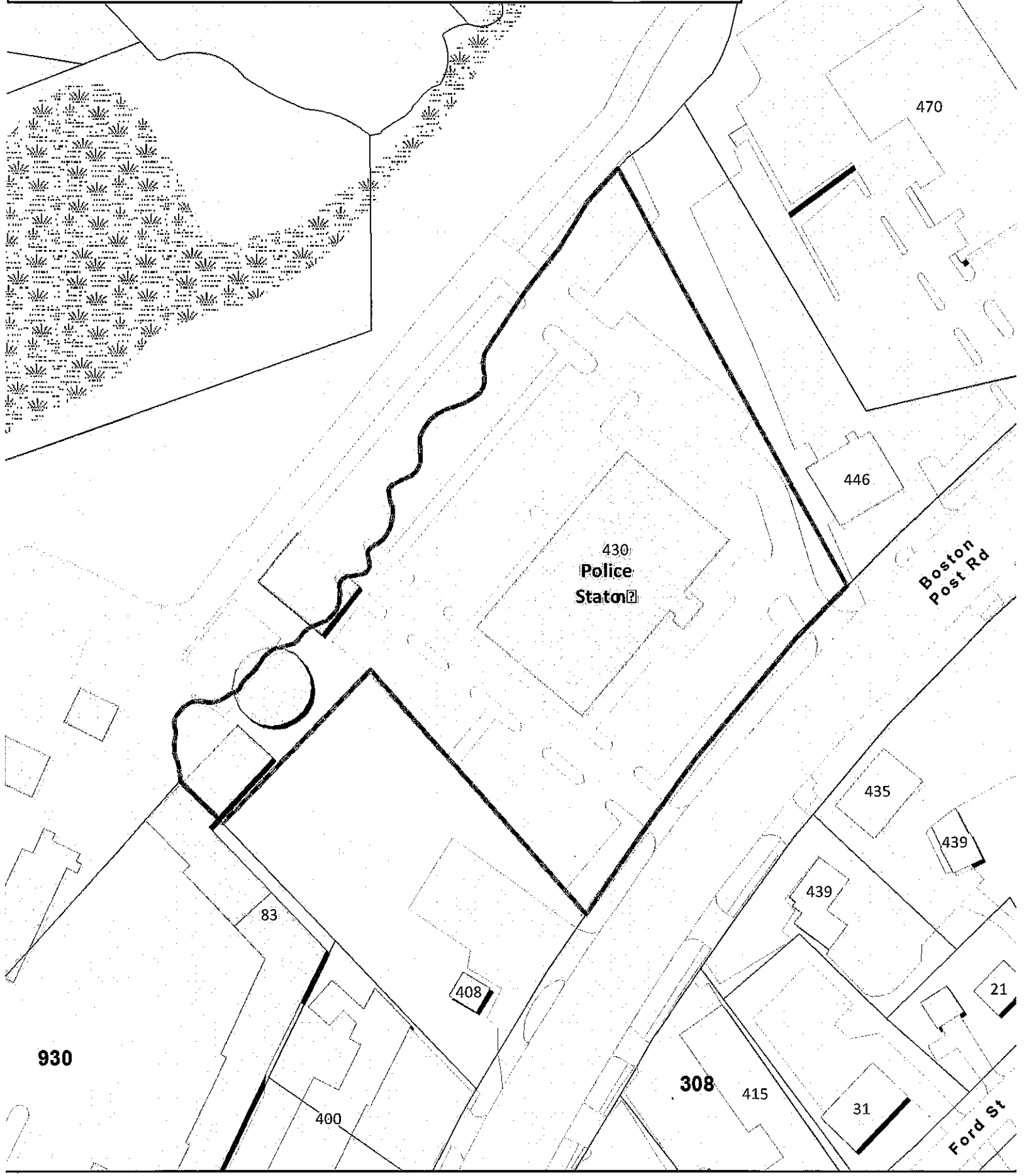
VoiceStream submits that the proposed modification of the structure would not require a Certificate because it will reduce the need for a new telecommunications tower by utilizing an existing structure and contends that the proposed installation will not cause a substantial adverse environmental effect.



City of Milford, Connecticut. Assessment Parcel Map

Parcel ID: 15282

Address:

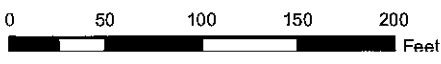


430  
Police  
Station

Boston  
Post Rd

Ford St

1 inch = 100 feet



Disclaimer: This map is for informational purposes only All information is subject to verification by any user. The City of Milford and its mapping contractors assume no legal responsibility for the information contained herein.

Map Produced: July 2016



Property Information

Property Location	434 BOSTON POST RD
Owner	CITY OF MILFORD
Co-Owner	C/O AT&T MBLTY-TAX DEPT
Mailing Address	575 MOROSGO DR ATLANTA GA 30324
Land Use	434V CELL TOWER MDL-00
Land Class	1
Zoning Code	
Census Tract	

Neighborhood	D
Acreage	0
Utilities	All Public,Public Sewer
Lot Setting/Desc	
Additional Info	

Photo



Sketch

Primary Construction Details

Year Built	
Stories	
Building Style	
Building Use	
Building Condition	
Floors	
Total Rooms	

Bedrooms	
Full Bathrooms	
Half Bathrooms	
Bath Style	
Kitchen Style	
Roof Style	
Roof Cover	

Exterior Walls	
Interior Walls	
Heating Type	
Heating Fuel	
AC Type	
Gross Bldg Area	
Total Living Area	



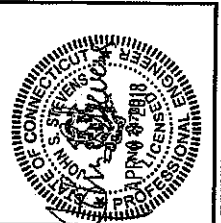




PLANS PROVIDED FOR:



INFINIGY FROM ZERO TO INFINITY



CONTRACT NO. 01-300 - CELL SITE CONSTRUCTION CO.

Table with columns: REVISION, DESCRIPTION, DATE BY, REV.

MILFORD CT23XC552

434 BOSTON POST ROAD MILFORD, CT 06460

SPRINT SPECIFICATIONS

SP-1

3.5 EXISTING CONDITIONS: NOTIFY THE SPRINT CONSTRUCTION MANAGER OF ANY...

SECTION 01-200 - COMPANY FURNISHED MATERIAL AND EQUIPMENT

PART 1 - GENERAL

1.1 THE WORK: THESE STANDARD CONSTRUCTION SPECIFICATIONS IN CONJUNCTION WITH...

1.2 RELATED DOCUMENTS:

A. THE REQUIREMENTS OF THIS SECTION APPLY TO ALL SECTIONS IN THIS...

PART 2 - PRODUCTS (NOT USED)

3.1 RECEIPT OF MATERIAL AND EQUIPMENT:

A. COMPANY CHECK AND EQUIPMENT IS IDENTIFIED ON THE RF DATA...

B. THE CONTRACTOR IS RESPONSIBLE FOR SPRINT PROVIDED MATERIAL AND...

1. ACCEPT DELIVERIES AS SHIPPED AND TIME RECEIPT.

2. VERY COMPLETENESS AND CONDITION OF ALL DELIVERIES.

3. TAKE RESPONSIBILITY FOR EQUIPMENT AND PROVIDE INSURANCE PROTECTION...

4. RECORD ANY DEFECTS OR DAMAGES AND WITHIN THIRTY-FIVE (35) DAYS AFTER...

5. PROVIDE SECURE AND NECESSARY WEATHER PROTECTED WAREHOUSE.

3.2 DELIVERANCES:

A. COMPLETE SHIPPING AND RECEIPT DOCUMENTATION IN ACCORDANCE WITH COMPANY...

B. IF APPLICABLE, COMPLETE LAST/STOLEN/DAMAGED DOCUMENTATION REPORT AS...

1.8 SITE PARAMETERS: CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING...

1.7 POINT OF CONTACT: COMMUNICATION BETWEEN SPRINT AND THE CONTRACTOR SHALL...

1.6 ON-SITE SUPERVISION: THE CONTRACTOR SHALL EMPLOY AND MAINTAIN...

1.5 DIMENSIONS, SPECIFICATIONS AND DETAILS FURNISHED AS PART OF THE...

A. THE JURISDICTION, SPECIFICATIONS AND DETAILS SHALL BE CLEARLY MARKED...

B. DETAILS ARE INDICATED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE...

C. DIMENSIONS SHOWN ARE TO FRESH SURFACES UNLESS NOTED OTHERWISE.

1.10 USE OF JOB SITE: THE CONTRACTOR SHALL COMPLY WITH ALL CONSTRUCTION AND...

1.11 UTILITIES SERVICES: WHERE NECESSARY TO CUT EXISTING PIPES, ELECTRICAL WIRES,

1.12 PERMITS / FEES: WHEN REQUIRED THAT A PERMIT OR CONSTRUCTION FEE BE PAID TO...

1.13 CONTRACTOR SHALL TAKE ALL NECESSARY AND PROVIDE ALL MATERIAL, NECESSARY...

1.14 METHODS OF PROCEDURE (MOP) FOR CONSTRUCTION: CONTRACTOR SHALL...

1.15 USE OF ELECTRONIC PROJECT MANAGEMENT SYSTEMS:

PART 2 - PRODUCTS (NOT USED)

3.1 TEMPORARY UTILITIES AND FACILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR...

3.2 ACCESS TO WORK: THE CONTRACTOR SHALL PROVIDE ACCESS TO THE JOB SITE FOR...

3.3 TESTING: REQUIREMENTS FOR TESTING BY THE CONTRACTOR SHALL BE AS INDICATED...

3.4 DIMENSIONS: VERIFY DIMENSIONS INDICATED ON DRAWINGS WITH FIELD DIMENSIONS...

THESE OUTLINE SPECIFICATIONS IN CONJUNCTION WITH THE SPRINT STANDARD CONSTRUCTION SPECIFICATIONS...

SECTION 01-100 - SCOPE OF WORK

PART 1 - GENERAL

1.1 THE WORK: THESE STANDARD CONSTRUCTION SPECIFICATIONS IN CONJUNCTION WITH...

1.2 RELATED DOCUMENTS:

A. THE REQUIREMENTS OF THIS SECTION APPLY TO ALL SECTIONS IN THIS...

PART 2 - PRODUCTS (NOT USED)

1.1 NATIONALLY RECOGNIZED CODES AND STANDARDS:

A. THE WORK SHALL COMPLY WITH APPLICABLE NATIONAL AND LOCAL CODES AND...

1. OR-45-CORE RULES REQUIREMENTS: PHYSICAL PROTECTION

2. OR-78-CORE GENERAL REQUIREMENTS FOR THE PHYSICAL DESIGN AND...

3. OR-1080 CODE, ELECTROMAGNETIC COMPATIBILITY AND ELECTRICAL SAFETY...

4. NATIONAL FIRE PROTECTION ASSOCIATION CODES AND STANDARDS (NFPA)

5. AMERICAN SOCIETY FOR TESTING OF MATERIALS (ASTM)

6. INSTITUTE OF ELECTRIC AND ELECTRONICAL ENGINEERS (IEEE)

7. AMERICAN CONCRETE INSTITUTE (ACI)

8. AMERICAN WIRE PRODUCERS ASSOCIATION (AWPA)

9. CONCRETE REINFORCING STEEL INSTITUTE (CRSI)

1.3 PRECISIONS: SHOULD CONFLICTS OCCUR BETWEEN THE STANDARD CONSTRUCTION...

1.4 DIMENSIONS: VERIFY DIMENSIONS INDICATED ON DRAWINGS WITH FIELD DIMENSIONS...

1.5 DEFINITIONS:

A. WORK: THE SUM OF TASKS AND RESPONSIBILITIES DEFINED IN THE CONTRACT...

B. COMPANY: SPRINT CORPORATION

C. ENGINEER: SYNTHESIS WITH ARCHITECT & ENGINEER AND "A-E": THE DESIGN...

D. CONTRACTOR: INTERNATIONAL CONTRACTORS ASSOCIATION (ICA) OR...

E. THIRD PARTY VENDOR OR AGENCY: A VENDOR OR AGENCY EMPLOYED SEPARATELY...

F. OTHER OWNER FURNISHED: CONTRACTOR INSTALLED EQUIPMENT.

G. CONSTRUCTION MANAGER - ALL PROJECTS BELONGED CONSTRUCTION TO FLOW...

H. THROUGH SPRINT REPRESENTATIVE IN CHARGE OF PROJECT...



CONTINUE FROM SP-2

7. VERIFICATION DOCUMENTED WITH THE ANTENNA CHECKLIST REPORT, BY A/E, SITE DEVELOPMENT REP, OR REP.
8. FINAL INSPECTION CHECKLIST AND (HARD COPY) SIGNED FORM SHOWING ACCEPTANCE BY FIELD OPS IS TO BE UPLOADED INTO SMS.
9. COAX SWEEP AND FIBER TESTING DOCUMENTS SUBMITTED VIA SMS FOR RF APPROVAL.
10. SCALABLE IMMOBILE PHOTOGRAPHS OF TOWER TOP AND INACCESSIBLE SCALABLE EQUIPMENT.
11. ALL AVAILABLE JURISDICTIONAL INFORMATION.
12. PRE SOAM OF REMAINS PRODUCED IN FIELD.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CORRECTIONS TO ANY AND ALL REMAINS AS ACCEPTABLE IN SITE INSPECTION ACTIVES AND/OR AS A RESULT OF TESTING.
14. CONSTRUCTION INSPECTIONS AND CORRECTIVE MEASURES SHALL BE DOCUMENTED BY THE CONTRACTOR WITH WRITTEN REPORTS AND PHOTOGRAPHS. PHOTOGRAPHS MUST BE ORIGINAL AND OF SUFFICIENT CLARITY TO CLEARLY SHOW THE ITEM AND BE LABELED WITH THE SITE CHANGE NUMBER, SITE NAME, DESCRIPTION, AND DATE.
15. REMEDIATION TEST AND INSPECTION REPORTS AND CLOSOUT DOCUMENTATION SHALL BE FORWARDED TO SPRINT FOR INCLUSION INTO THE PERMANENT SITE FILES.

1. CONCRETE MIX AND COLLAR BREAK REPORTS.
2. STRUCTURAL BUCKLEL COMPRESSION REPORTS.
3. SITE RESISTANCE TO EARTH TEST.
4. ANTENNA VENTURH AND DOWN TILT VERIFICATION.
5. TOWER ERECTION INSPECTIONS AND MEASUREMENTS DOCUMENTING TOWER CONSTRUCTION AND VERIFICATION OF THE APPLICABLE SECTION HEREIN.
6. COAX CABLE SHEEP TESTS PER COMPANY'S ANTENNA LINE ACCEPTANCE STANDARDS.

REQUIRED CLOSOUT DOCUMENTATION INCLUDES THE FOLLOWING:

1. TEST WELLS AND TRENCHES: PHOTOGRAPHS OF ALL TEST WELLS, PHOTOGRAPHS SHOWING ALL OPEN EXCAVATIONS AND TRENCHES PRIOR TO BACKFILLING SHOWING A TAPE MEASURE VISIBLE IN THE EXCAVATIONS INCLUDING DEPTH.
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6. SITE LAYOUT - PHOTOGRAPHS OF THE OVERALL COMPOUND, INCLUDING EQUIPMENT PLATFORM FROM ALL FOUR CORNERS.
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9. ANY AND ALL SUBMITTALS BY THE JURISDICTION OR COMPANY.

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9. ANY AND ALL SUBMITTALS BY THE JURISDICTION OR COMPANY.

3.4 REMEDIATION TEST AND INSPECTION REPORTS AND CLOSOUT DOCUMENTATION SHALL BE FORWARDED TO SPRINT FOR INCLUSION INTO THE PERMANENT SITE FILES.

1. CONCRETE MIX AND COLLAR BREAK REPORTS.
2. STRUCTURAL BUCKLEL COMPRESSION REPORTS.
3. SITE RESISTANCE TO EARTH TEST.
4. ANTENNA VENTURH AND DOWN TILT VERIFICATION.
5. TOWER ERECTION INSPECTIONS AND MEASUREMENTS DOCUMENTING TOWER CONSTRUCTION AND VERIFICATION OF THE APPLICABLE SECTION HEREIN.
6. COAX CABLE SHEEP TESTS PER COMPANY'S ANTENNA LINE ACCEPTANCE STANDARDS.

REQUIRED CLOSOUT DOCUMENTATION INCLUDES THE FOLLOWING:

1. TEST WELLS AND TRENCHES: PHOTOGRAPHS OF ALL TEST WELLS, PHOTOGRAPHS SHOWING ALL OPEN EXCAVATIONS AND TRENCHES PRIOR TO BACKFILLING SHOWING A TAPE MEASURE VISIBLE IN THE EXCAVATIONS INCLUDING DEPTH.
2. CONDUITS, CONDUCTORS AND GROUNDING: PHOTOGRAPHS SHOWING TYPICAL TOWER CONDUIT AND GROUNDING WIRE AND GROUND ROD SPACING.
3. CONCRETE FORMS AND REINFORCING: CONCRETE FORMING AT TOWER AND EQUIPMENT/SHELTER PAU/PLATFORMS - PHOTOGRAPHS SHOWING ALL FORMS AND REINFORCING PRIOR TO POURING CONCRETE. FORMS SHOWING CONCRETE POUR OF SHELTER SLAB/FOUNDATION, TOWER FOUNDATION ANCHER ON CHED TOWER, BEFORE CONCRETE POUR.
4. TOWER, ANTENNAS AND MAST/LAKE: INSPECTION AND PHOTOGRAPHS OF SECTION ATTACHED TO TOWER AND PLATFORMS OF TOWER. PHOTOGRAPHS SHOWING TOWER COAX LINE COLOR CODING AT THE TOP AND AT GROUND LEVEL. PHOTOGRAPHS OF ALL REINFORCING SINK PHOTOGRAPHS SHOWING ALL GROUNDING POINTS FOR TOWERS GREATER THAN 200 FEET. PHOTOS OF ANTENNA GROUND BAR, EQUIPMENT GROUND BAR, AND MAST GROUND BAR. PHOTOGRAPHS SHOWING ALL TOWER AND PLATFORM MECHANICAL CONNECTIONS TO TOWER AND ANTENNA AND MAST GROUNDING PHOTOS OF COAX CABLE ENTRY INTO SHELTER. PHOTOS OF PLATFORM MECHANICAL CONNECTIONS TO TOWER/PLATFORM.
5. ROOF TOPS, PRE-CONSTRUCTION AND POST-CONSTRUCTION VISUAL INSPECTION AND PHOTOGRAPHS OF ROOF TOP CONSTRUCTION INSPECTIONS AS REQUIRED BY THE JURISDICTIONAL PHOTOGRAPHS OF CABLE TRAY AND/OR ICE BRIDGE. PHOTOGRAPHS OF DOORHOUSE/CABLE EXIT FROM ROOF.
6. SITE LAYOUT - PHOTOGRAPHS OF THE OVERALL COMPOUND, INCLUDING EQUIPMENT PLATFORM FROM ALL FOUR CORNERS.
7. FINISHED UTILITIES: CLASS-UP PHOTOGRAPHS OF THE FPC BREAKER PANEL, CLASS-UP PHOTOGRAPHS OF THE POWER ON THE METER AND PHOTOS OF CLOSURE PHOTOGRAPHS OF THE POWER ON THE METER AND PHOTOS OF POWER AND TELCO ENTRANCE TO COMPANY ENCLOSURE. PHOTOGRAPHS AT METER BOX AND/OR FACILITY DISTRIBUTION PANEL.
8. REQUIRED MATERIALS CERTIFICATIONS: CONCRETE MIX DESIGNS, MLL CERTIFICATION FOR ALL REINFORCING AND STRUCTURAL STEEL, AND ASPHALT FINISH MIX DESIGN.
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CT23XC52

434 BOSTON POST ROAD  
MILFORD, CT 06460

SPRINT SPECIFICATIONS

SP-3











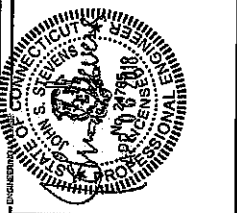


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2	ISSUED FOR BIDDING	07/20/06	MS	1

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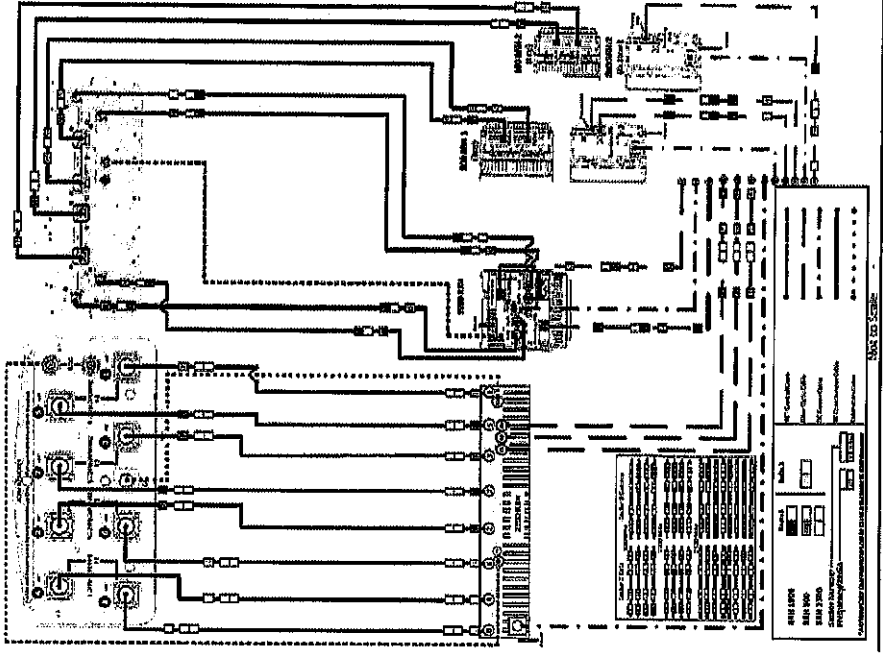
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SHEET DESCRIPTION:  
**PLUMBING DIAGRAM**

SHEET NUMBER:  
**A-6**

ALL 211 APXVTM14-ALU+20 & NWV-65B-R4 w/o Filters



PLUMBING DIAGRAM

NO SCALE

1

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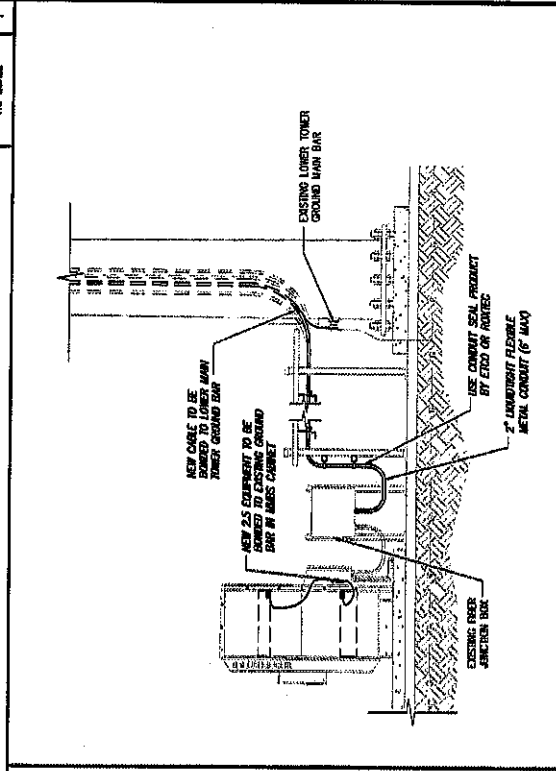
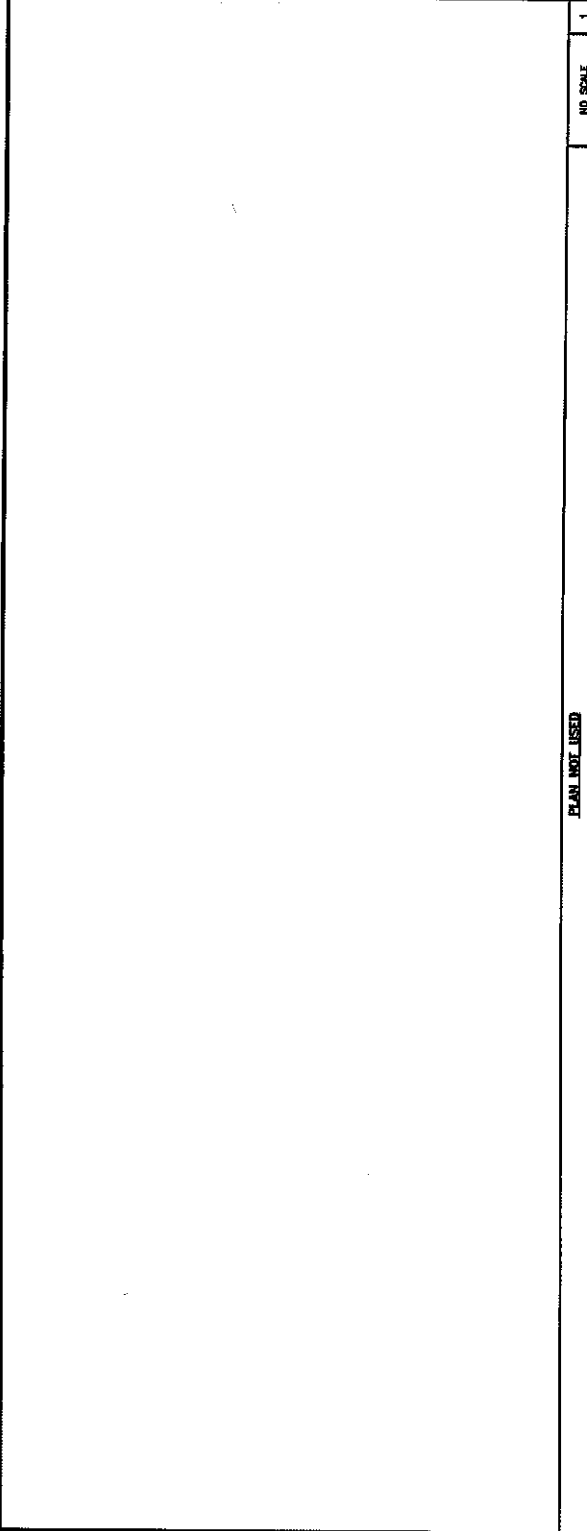
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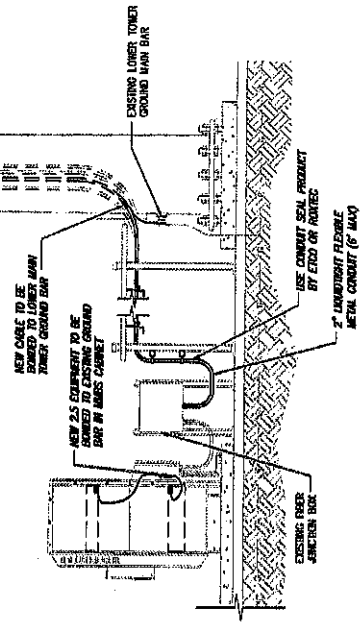
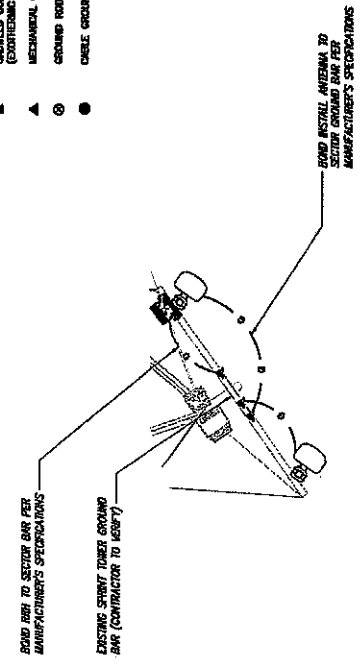
ELECTRICAL & GROUNDING DETAILS

E-1



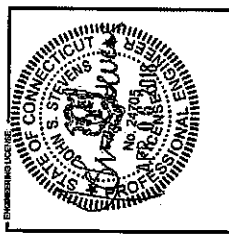
LEGEND:

- EXISTING GROUND RIG
- CABLE CONNECTION (ELECTRICAL WELD)
- ▲ MECHANICAL CONNECTION
- ⊙ GROUND ROD
- CABLE GROUND KIT





DESIGNED BY:  
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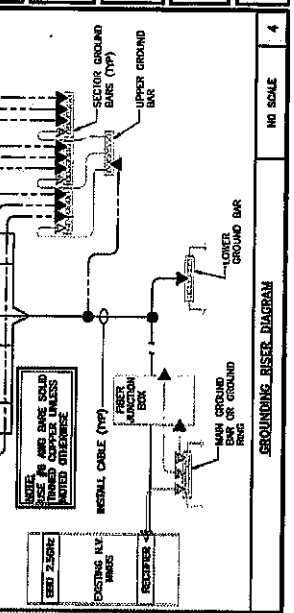
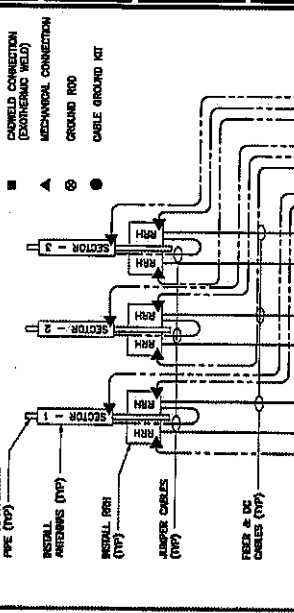
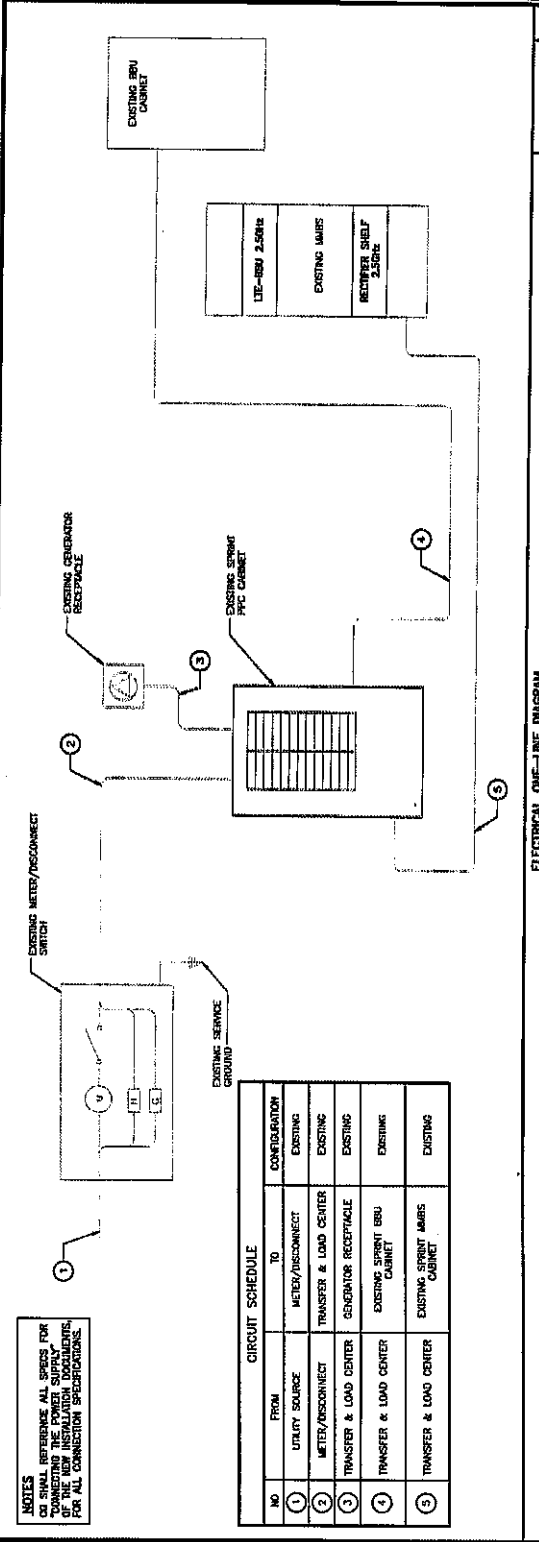
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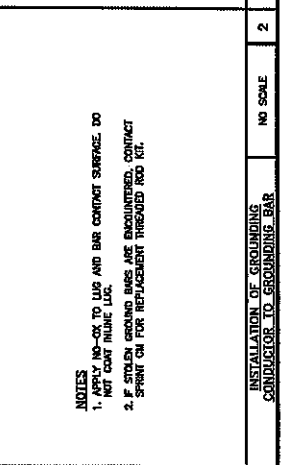
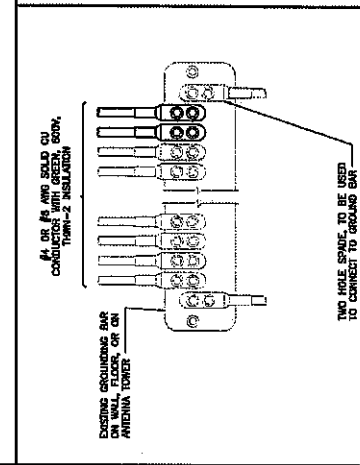
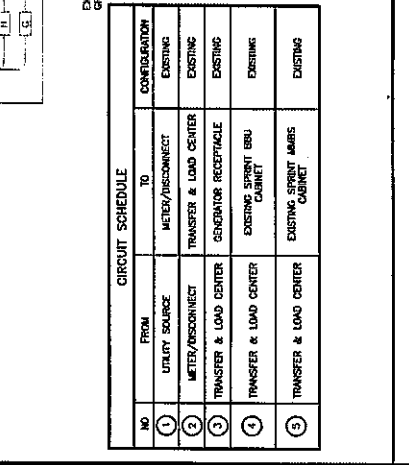
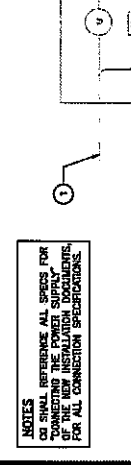
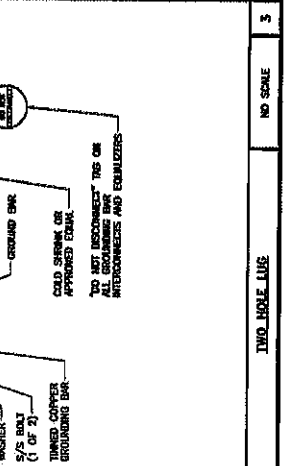
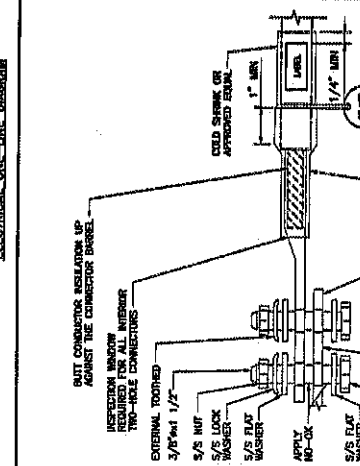
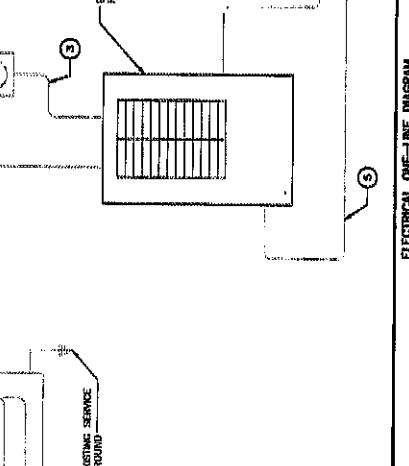
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SHEET NUMBER:  
**E-2**



**NOTES:**  
 ALL SHALL REFERENCE ALL SPECS FOR ALL CONNECTIONS AND ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE CONNECTION SPECIFICATIONS FOR ALL CONNECTIONS.

NO.	FROM	TO	CONNECTION
1	UTILITY SOURCE	METER/DISCONNECT	EXISTING
2	METER/DISCONNECT	TRANSFER & LOAD CENTER	EXISTING
3	TRANSFER & LOAD CENTER	GENERATOR RECEPTACLE	EXISTING
4	TRANSFER & LOAD CENTER	EXISTING SPRINT BRU CABINET	EXISTING
5	TRANSFER & LOAD CENTER	EXISTING SPRINT BARS	EXISTING



February 12, 2018

Chanhdara Ratsavong  
Crown Castle  
3530 Toringdon Way Suite 300  
Charlotte, NC 28277  
(980) 209-8234



B+T Group  
1717 S. Boulder, Suite 300  
Tulsa, OK 74119  
(918) 587-4630  
btwo@btgrp.com

**Subject:** Structural Analysis Report

**Carrier Designation:** Sprint PCS Co-Locate  
Carrier Site Number: CT23XC552  
Carrier Site Name: MILFORD

**Crown Castle Designation:** Crown Castle BU Number: 842870  
Crown Castle Site Name: MILFORD  
Crown Castle JDE Job Number: 474267  
Crown Castle Work Order Number: 1521848  
Crown Castle Application Number: 418412 Rev. 1

**Engineering Firm Designation:** B+T Group Project Number: 91292.008.01

**Site Data:** 434 Boston Post Road, Milford, New Haven County, CT  
Latitude 41° 13' 42.69", Longitude -73° 4' 12.47"  
150 Foot - Self Support Tower

Dear Chanhdara Ratsavong,

B+T Group is pleased to submit this "Structural Analysis Report" to determine the structural integrity of the above-mentioned tower. This analysis has been performed in accordance with the Crown Castle Structural 'Statement of Work' and the terms of Crown Castle Purchase Order Number 1138061, in accordance with application 418412, revision 1.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Existing + Reserved + Proposed Equipment

**Sufficient Capacity**

Note: See Table 1 and Table 2 for the proposed and existing/reserved loading, respectively.

This analysis has been performed in accordance with the 2016 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 125 mph converted to a nominal 3-second gust wind speed of 97 mph per Section 1609.3 as required for use in the TIA-222-G Standard per Exception #5 of Section 1609.1.1. Exposure Category C and Risk Category II were used in this analysis.

All equipment proposed in this report shall be installed in accordance with the attached drawings for the determined available structural capacity to be effective.

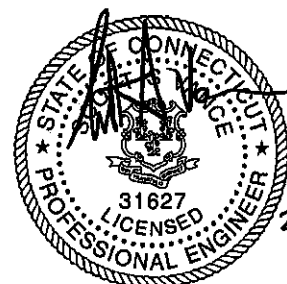
We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects please give us a call.

Structural analysis prepared by: Jacob Johnson, E.I.T.

Respectfully submitted by: B&T Engineering, Inc.  
COA: PEC.0001564 Expires: 02/10/2018

Scott S. Vance, P.E

tnxTower Report - version 7.0.5.1



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**1) INTRODUCTION**

This tower is a 150 ft. Self-Support tower designed by PiRod Inc. in March of 2000. The tower was originally designed for a wind speed of 85 mph per TIA/EIA-222-F. This tower has been modified by GPD Group in 2012 and those modifications were incorporated in this analysis.

**2) ANALYSIS CRITERIA**

The structural analysis was performed for this tower in accordance with the requirements of TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a 3-second gust wind speed of 97 mph with no ice, 50 mph with 0.75-inch ice thickness and 60 mph under service loads, exposure category C with topographic category 1 and crest height of 0 feet.

**Table 1 - Proposed Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
100.0	103.0	3	Alcatel Lucent	RRH2X50-800	3 1	1-1/4 7/8	--
		3	Alcatel Lucent	TD-RRH8X20-25			
	100.0	3	Commscope	DT465B-2XR			
		3	Site Pro	STK-U Stiff Arm Kit			

**Table 2 - Existing and Reserved Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
150.0	160.0	2	Sinclair	SC226-SFXSNM	6 1	5/8 3/8	1
	151.0	2	Radiowaves	HPLPD1-18			
	150.0	1	--	Platform Mount [LP 405-1]			
141.0	141.0	3	Andrew	SBNHH-1D65A	2 1	7/8 3/8	2
		3	Cci Antennas	OPA-65R-LCUU-H4			
		1	Commscope	WCS-IMFQ-AMT			
		3	Ericsson	RRUS 32 B2			
		3	Ericsson	RRUS 32 B30			
		3	Powerwave Tech	LGP21401			
		1	Raycap	DC6-48-60-18-8F			
		3	Ericsson	RRUS 11 B2	12 2 1	1-5/8 5/8 3/8	1
		3	Powerwave Tech	7020.00			
		3	Powerwave Tech	7770.00			
		3	Powerwave Tech	LGP21401			
		1	Raycap	DC6-48-60-18-8F			
		1	--	Sector Mount [SM 410-3]			
130.0	130.0	2	Terrawave	M5160160P10006	2	7/8	1
		2	--	Side Arm Mount [SO 301-1]			
118.0	128.0	1	Sinclair	SC229-SFXLDF	2	7/8	1
		1	Sinclair	SC320			
	118.0	2	--	Side Arm Mount [SO 306-1]			
114.0	114.0	1	--	Sector Mount [SM 307-3]	18	1-5/8	1
	112.0	3	Commscope	LNx-6515DS-VTM			
		3	Ericsson	ERICSSON AIR 21 B2A B4P			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
114.0	112.0	3	Ericsson	ERICSSON AIR 21 B4A B2P	--	--	1
		3	Ericsson	KRY 112 71			
		3	Ericsson	RRUS 11 B12			
103.0	103.0	3	Alcatel Lucent	800MHZ 2X50W RRH W/FILTER	--	--	1
		3	Alcatel Lucent	PCS 1900MHZ 2X40W			
		1	--	Pipe Mount [PM 601-3]			
100.0	100.0	3	Rfs Celwave	APXVSP18-C-A20	--	--	1
		1	--	Sector Mount [SM 406-3]			
		--	--	--			
88.0	90.0	6	Antel	BXA-171063/8CF	12	1-5/8	1
		6	Antel	LPA-80063/4CF			
		1	Rfs Celwave	DB-T1-6Z-8AB-0Z			
		6	Rfs Celwave	FD9R6004/2C-3L			
		3	Swedcom	SWCP 2x5514			
	88.0	1	--	Sector Mount [SM 408-3]			
65.0	65.0	3	Rfs Celwave	APXV18-206517S-C	6	1-5/8	4
50.0	50.0	1	Pctel	GPS-TMG-HR-26NCM	1	1/2	1

Notes:

- 1) Existing Equipment
- 2) Reserved Equipment
- 3) **Equipment To Be Removed; Not Considered In This Analysis**
- 4) Abandoned Equipment considered In This Analysis

**Table 3 - Design Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
150	150	4	Celwave	PD201	7	1 5/8
		3	Scala	PR950		
		1	Generic	LP Platform		
140	140	12	Allgon	7184	12	1 5/8
		3	Generic	T-Frames		
125	125	1	Celwave	PD201	1	1 5/8
		1	Generic	3' Stand off		
115	115	1	Celwave	PD201	2	1 5/8
		1	Celwave	PD220-DT		
		2	Generic	3' Stand off		

**3) ANALYSIS PROCEDURE**

**Table 4 - Documents Provided**

Document	Remarks	Reference	Source
Online Order Information	Sprint Co-locate, Rev# 1	418412	CCI Sites
Tower Manufacturer Drawing	PiRod Inc., Eng. File No. A-116849-Q-92250	4480661	CCI Sites
Tower Modification Drawing	GPD Group, Job No. 2012762.86,	4713244	CCI Sites

Document	Remarks	Reference	Source
Post Modification Inspection	GPD Group, Job No. 2012858.01,	4713239	CCI Sites
Mount Analysis Report	Infinigy, Project No. 526-103	Date:01/23/2018	CCI Sites
Foundation Drawing	PiRod Inc., Eng. File No. A-116849-Q-92250	4480652	CCI Sites
Geotech Report	Clarence Welti Associates, Date: 01/17/2000	5359323	CCI Sites
Antenna Configuration	Crown CAD Package	Date: 02/02/2018	CCI Sites

### 3.1) Analysis Method

tnxTower (version 7.0.5.1), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

### 3.2) Assumptions

- 1) Tower and structures were built in accordance with the manufacturer's specifications.
- 2) The tower and structures have been maintained in accordance with the manufacturer's specification.
- 3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
- 4) Mount areas and weights are assumed based on photographs provided.
- 5) The existing base plate grout was considered in this analysis. Grout must be maintained and inspected periodically, and must be replaced if damaged or cracked. Refer to crown document ENG-BUL-10122, Tower Base Plate Grout Inspection and Classification.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the tower.

## 4) ANALYSIS RESULTS

Table 5 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	150 - 147.583	Leg	1 1/2	2	-7.035	51.350	13.7	Pass
T2	147.583 - 130	Leg	1 1/2	14	-24.051	51.350	46.8	Pass
T3	130 - 110	Leg	2	71	-63.188	111.705	56.6	Pass
T4	110 - 100	Leg	PiRod 105244	135	-69.534	142.493	48.8	Pass
T5	100 - 80	Leg	PiRod 105216	146	-109.484	142.493	76.8	Pass
T6	80 - 60	Leg	PiRod 105217	167	-165.668	214.859	77.1	Pass
T7	60 - 40	Leg	PiRod 105218	185	-208.475	300.681	69.3	Pass
T8	40 - 20	Leg	PiRod 105218	202	-249.159	300.681	82.9	Pass
T9	20 - 0	Leg	PiRod 105219	217	-287.025	399.868	71.8	Pass
T1	150 - 147.583	Diagonal	3/4	8	-1.602	5.311	30.2	Pass
T2	147.583 - 130	Diagonal	3/4	22	-3.105	4.879	63.6	Pass
T3	130 - 110	Diagonal	7/8	79	-5.298	7.820	67.8	Pass
T4	110 - 100	Diagonal	L2 1/2x2 1/2x3/16	143	-9.037	13.558	66.7 73.7 (b)	Pass
T5	100 - 80	Diagonal	L2 1/2x2 1/2x3/8	155	-15.135	20.328	74.5	Pass
T6	80 - 60	Diagonal	L3x3x3/16	174	-8.776	14.947	58.7 75.6 (b)	Pass
T7	60 - 40	Diagonal	L3x3x3/16	189	-8.695	12.112	71.8 74.6 (b)	Pass
T8	40 - 20	Diagonal	L3x3x5/16	208	-9.306	15.594	59.7	Pass



Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T9	20 - 0	Diagonal	L3x3x5/16	223	-10.654	12.868	82.8	Pass
T2	147.583 - 130	Horizontal	7/8	35	-0.324	5.109	6.3	Pass
T3	130 - 110	Horizontal	3/4	127	-0.720	2.563	28.1	Pass
T5	100 - 80	Horizontal	L3x3x3/16	159	-9.149	17.168	53.3 97.3 (b)	Pass
T1	150 - 147.583	Top Girt	5x1/2	4	-1.180	9.674	12.2	Pass
T2	147.583 - 130	Top Girt	7/8	18	-0.113	5.917	1.9	Pass
T3	130 - 110	Top Girt	7/8	74	-1.301	4.878	26.7	Pass
T4	110 - 100	Top Girt	L3x3x3/16	137	0.891	28.679	3.1 7.6 (b)	Pass
T5	100 - 80	Top Girt	L3x3x3/16	151	-6.112	19.238	31.8 65.3 (b)	Pass
T6	80 - 60	Top Girt	L3x3x3/16	171	-6.745	13.961	48.3 70.5 (b)	Pass
T2	147.583 - 130	Bottom Girt	7/8	19	-1.222	4.831	25.3	Pass
T3	130 - 110	Bottom Girt	7/8	76	-1.551	3.967	39.1	Pass
							Summary	
							Leg (T8)	82.9 Pass
							Diagonal (T9)	82.8 Pass
							Horizontal (T5)	97.3 Pass
							Top Girt (T6)	70.5 Pass
							Bottom Girt (T3)	39.1 Pass
							Bolt Checks	97.3 Pass
							Rating =	97.3 Pass

**Table 6 - Tower Component Stresses vs. Capacity – LC7**

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	Base	54.3	Pass
1	Base Foundation (Structure)	Base	14.6	Pass
1	Base Foundation (Soil Interaction)	Base	41.3	Pass

<b>Structure Rating (max from all components) =</b>	<b>97.3%</b>
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Notes:

- 1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.

#### 4.1) Recommendations

The tower and its foundation have sufficient to carry the final load configuration. No modifications are required at this time.



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## RADIO FREQUENCY EMISSIONS ANALYSIS REPORT EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

SPRINT Existing Facility

Site ID: CT23XC552

Milford  
434 Boston Post Road  
Milford, CT 06460

**April 16, 2018**

**EBI Project Number: 6218002840**

Site Compliance Summary	
Compliance Status:	<b>COMPLIANT</b>
Site total MPE% of FCC general population allowable limit:	<b>19.46 %</b>



# EBI Consulting

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April 16, 2018

SPRINT

Attn: RF Engineering Manager  
1 International Boulevard, Suite 800  
Mahwah, NJ 07495

## Emissions Analysis for Site: **CT23XC552 – Milford**

EBI Consulting was directed to analyze the proposed SPRINT facility located at **434 Boston Post Road, Milford, CT**, for the purpose of determining whether the emissions from the Proposed SPRINT Antenna Installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The number of  $\mu\text{W}/\text{cm}^2$  calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

General population exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The general population exposure limits for the 850 MHz Band is approximately  $567 \mu\text{W}/\text{cm}^2$ . The general population exposure limit for the 1900 MHz (PCS) and 2500 MHz (BRS) bands is  $1000 \mu\text{W}/\text{cm}^2$ . Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.



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Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

## CALCULATIONS

Calculations were done for the proposed SPRINT Wireless antenna facility located at **434 Boston Post Road, Milford, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since SPRINT is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was focused at the base of the tower. For this report the sample point is the top of a 6-foot person standing at the base of the tower.

For all calculations, all equipment was calculated using the following assumptions:

- 1) 1 CDMA channels (850 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 20 Watts per Channel.
- 2) 2 LTE channels (850 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 20 Watts per Channel.
- 3) 5 CDMA channels (1900 MHz (PCS)) were considered for each sector of the proposed installation. These Channels have a transmit power of 16 Watts per Channel.
- 4) 2 LTE channels (1900 MHz (PCS)) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.
- 5) 8 LTE channels (2500 MHz (BRS)) were considered for each sector of the proposed installation. These Channels have a transmit power of 20 Watts per Channel.



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- 6) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 7) For the following calculations, the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufactures supplied specifications minus 10 dB was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 8) The antennas used in this modeling are the **RFS APXVSPP18-C-A20** and the **Commscope DT465B-2XR** for transmission in the 850 MHz, 1900 MHz (PCS) and 2500 MHz (BRS) frequency bands. This is based on feedback from the carrier with regards to anticipated antenna selection. Maximum gain values for all antennas are listed in the Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 9) The antenna mounting height centerlines of the proposed antennas are **100 feet** above ground level (AGL) for **Sector A**, **100 feet** above ground level (AGL) for **Sector B** and **100 feet** above ground level (AGL) for Sector C.
- 10) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

All calculations were done with respect to uncontrolled / general population threshold limits.



## SPRINT Site Inventory and Power Data by Antenna

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model	RFS APXVSPPI8-C-A20	Make / Model	RFS APXVSPPI8-C-A20	Make / Model	RFS APXVSPPI8-C-A20
Gain:	13.4 / 15.9 dBd	Gain:	13.4 / 15.9 dBd	Gain:	13.4 / 15.9 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Frequency Bands	850 MHz / 1900 MHz (PCS)	Frequency Bands	850 MHz / 1900 MHz (PCS)	Frequency Bands	850 MHz / 1900 MHz (PCS)
Channel Count	10	Channel Count	10	Channel Count	10
Total TX Power(W):	220 Watts	Total TX Power(W):	220 Watts	Total TX Power(W):	220 Watts
ERP (W):	7,537.38	ERP (W):	7,537.38	ERP (W):	7,537.38
Antenna A1 MPE%	3.48 %	Antenna B1 MPE%	3.478%	Antenna C1 MPE%	3.48 %
Antenna #:	2	Antenna #:	2	Antenna #:	2
Make / Model	Commscope DT465B-2XR	Make / Model	Commscope DT465B-2XR	Make / Model	Commscope DT465B-2XR
Gain:	15.05 dBd	Gain:	15.05 dBd	Gain:	15.05 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Frequency Bands	2500 MHz (BRS)	Frequency Bands	2500 MHz (BRS)	Frequency Bands	2500 MHz (BRS)
Channel Count	8	Channel Count	8	Channel Count	8
Total TX Power(W):	160 Watts	Total TX Power(W):	160 Watts	Total TX Power(W):	160 Watts
ERP (W):	5,118.23	ERP (W):	5,118.23	ERP (W):	5,118.23
Antenna A2 MPE%	2.08 %	Antenna B2 MPE%	2.08 %	Antenna C2 MPE%	2.08 %

Site Composite MPE%	
Carrier	MPE%
SPRINT - Max per sector	5.56 %
Town Antennas	0.30 %
T-Mobile	1.53 %
MetroPCS	1.96 %
XM Satellite Radio	2.85 %
Verizon Wireless	5.73 %
AT&T	1.53 %
<b>Site Total MPE %:</b>	<b>19.46 %</b>

SPRINT Sector A Total:	5.56 %
SPRINT Sector B Total:	5.56 %
SPRINT Sector C Total:	5.56 %
<b>Site Total:</b>	<b>19.46 %</b>

SPRINT _ Frequency Band / Technology (Per Sector)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density ( $\mu\text{W}/\text{cm}^2$ )	Frequency (MHz)	Allowable MPE ( $\mu\text{W}/\text{cm}^2$ )	Calculated % MPE
Sprint 850 MHz CDMA	1	437.55	100	1.78	850 MHz	567	0.31%
Sprint 850 MHz LTE	2	437.55	100	3.56	850 MHz	567	0.63%
Sprint 1900 MHz (PCS) CDMA	5	622.47	100	12.66	1900 MHz (PCS)	1000	1.27%
Sprint 1900 MHz (PCS) LTE	2	1,556.18	100	12.66	1900 MHz (PCS)	1000	1.27%
Sprint 2500 MHz (BRS) LTE	8	639.78	100	20.82	2500 MHz (BRS)	1000	2.08%
						<b>Total:</b>	<b>5.56%</b>



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## Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the SPRINT facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

SPRINT Sector	Power Density Value (%)
Sector A:	5.56 %
Sector B:	5.56 %
Sector C:	5.56 %
SPRINT Maximum Total (per sector):	5.56 %
Site Total:	19.46 %
Site Compliance Status:	<b>COMPLIANT</b>

The anticipated composite MPE value for this site assuming all carriers present is **19.46 %** of the allowable FCC established general population limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government.

**Zsamba, Anne Marie (Contractor)**

---

**From:** TrackingUpdates@fedex.com  
**Sent:** Wednesday, April 25, 2018 9:49 AM  
**To:** Zsamba, Anne Marie (Contractor)  
**Subject:** FedEx Shipment 772067964060 Delivered



## Your package has been delivered

Tracking # 772067964060

Ship date:  
**Tue,**  
**4/24/2018**  
Rebecca  
Alescio  
Crown Castle  
Clifton Park,  
NY 12065  
US



Delivery date:  
**Wed,**  
**4/25/2018**  
**9:44 am**  
David Sulkis,  
City Planner  
City of Milford  
70 West River  
Street  
MILFORD, CT  
06460  
US


### Shipment Facts

Our records indicate that the following package has been delivered.

**Tracking number:** 772067964060  
**Status:** Delivered:  
04/25/2018 09:44  
AM Signed for By:  
M.LAFOND  
**Invoice number:** 982896  
**Reference:** 1766.668  
**Signed for by:** M.LAFOND  
**Delivery location:** MILFORD, CT



**Delivered to:** Receptionist/Front Desk  
**Service type:** FedEx Priority Overnight  
**Packaging type:** FedEx Pak  
**Number of pieces:** 1  
**Weight:** 1.00 lb.  
**Special handling/Services:** Adult Signature Required  
Deliver Weekday  
**Standard transit:** 4/25/2018 by 10:30 am

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REBECCA ALESSIO  
CROWN CASTLE  
3 CORPORATE PARK DRIVE  
SUITE 101  
CLIFTON PARK, NY 12085  
UNITED STATES US

SHIP DATE: 24APR18  
ACTWGT: 1.00 LB  
CAD: 104924194/NET3980  
BILL SENDER

TO DAVID SULKIS, CITY PLANNER  
CITY OF MILFORD  
70 WEST RIVER STREET

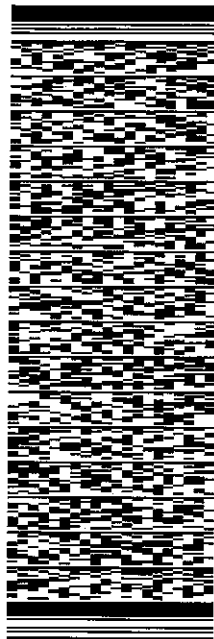
MILFORD CT 06460

(203) 783-3245

REF: 1766688

PO: 982396

DEPT:



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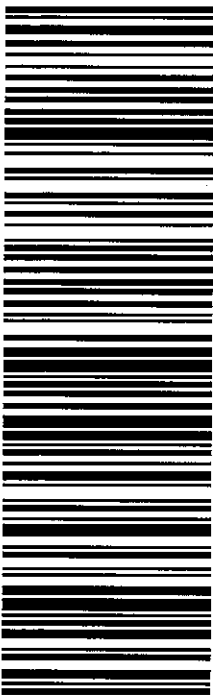
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0207

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**Zsamba, Anne Marie (Contractor)**

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**Tracking # 772067954070**

Ship date:  
**Tue, 4/24/2018**

Rebecca  
Alescio  
Crown Castle  
Clifton Park,  
NY 12065  
US




Delivery date:  
**Wed, 4/25/2018 9:49 am**  
**Mr. Benjamin G. Blake, Mayor**  
City of Milford  
110 River Street  
MILFORD, CT 06460  
US

**Shipment Facts**

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**Tracking number:** 772067954070  
**Status:** Delivered:  
04/25/2018 09:49  
AM Signed for By:  
L.DICOCCO  
**Invoice number:** 982896  
**Reference:** 1766.668  
**Signed for by:** L.DICOCCO  
**Delivery location:** MILFORD, CT

**Delivered to:** Receptionist/Front Desk  
**Service type:** FedEx Priority Overnight  
**Packaging type:** FedEx Pak  
**Number of pieces:** 1  
**Weight:** 1.00 lb.  
**Special handling/Services:** Adult Signature Required  
Deliver Weekday  
**Standard transit:** 4/25/2018 by 10:30 am

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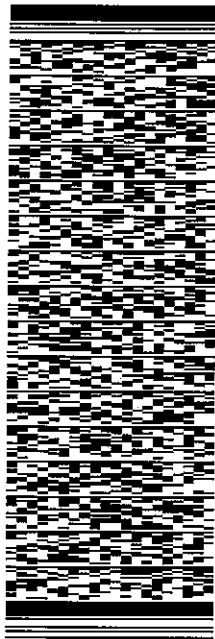
Thank you for your business.

ORIGIN ID: GFLA (518) 373-3547  
REBECCA ALESSIO  
CROWNA CASTLE  
3 CORPORATE PARK DRIVE  
SUITE 101  
CLIFTON PARK, NY 12085  
UNITED STATES US

SHIP DATE: 24APR18  
ACTWTG1: 1.00 LB  
CAD: 104924194/NET3980  
BILL SENDER

TO MR. BENJAMIN G. BLAKE, MAYOR  
CITY OF MILFORD  
110 RIVER STREET

MILFORD CT 06460  
(203) 783-3201  
INV: 982896  
REF: 1768698  
DEPT:



J181118012601uv

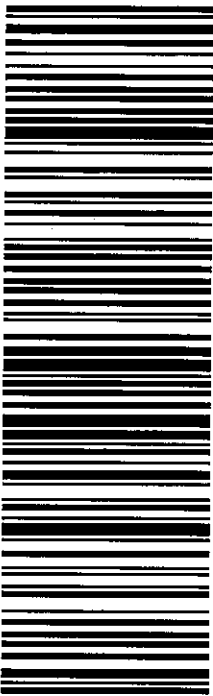
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TRK# 7720 6795 4070  
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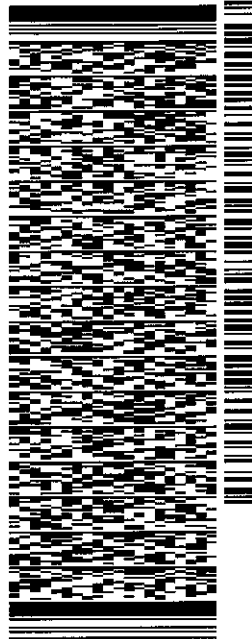
SHIP DATE: 25APR18  
ACTWT: 2.00 LB  
CAD: 104924194/NET3980

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TO **MELANIE BACHMAN**  
**CONNECTICUT SITING COUNCIL**  
**10 FRANKLIN SQUARE**

**NEW BRITAIN CT 06051**

(860) 827-2951 REF: 17650390  
INV: 982896  
PO: DEPT:



J181118012801us

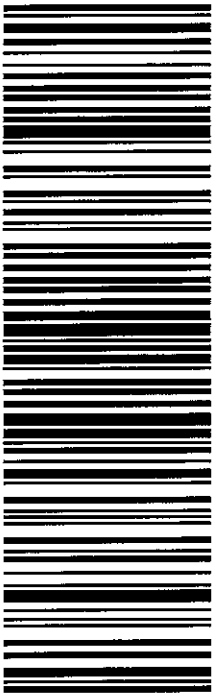
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TRK# 7720 7464 3683  
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