



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

April 5, 2013

Patricia Masterson  
Site Acquisition Manager  
Goodman Networks  
Two Willow Street, Suite 101  
Southborough, MA 01745

RE: **EM-SPRINT-047-130322** – Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 15 Chamberlain Road, Broad Brook, Connecticut.

Dear Ms. Masterson:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated March 21, 2013. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding

the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,



Linda Roberts  
Executive Director

LR/CDM/cm

c: The Honorable Denise Sabotka Menard, First Selectman, Town of East Windsor  
Laurie Whitten, Town Planner, Town of East Windsor



**Goodman Networks**

Network Knowledge... Delivered.

March 21, 2013

Ms. Jessica Weston  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RECEIVED  
MAR 22 2013  
CONNECTICUT  
SITING COUNCIL

Dear Jessica,

Enclosed please find three (3) telecommunications packages for Siting Council review for a Sprint site at 15 Chamberlain Road, Broad Brook, CT. Also included is a check for the Siting Council fee of \$625.

Thank you for accepting this via FedEx. If you need additional information or have any questions, please feel free to contact me. Many thanks for your help and assistance – it is greatly appreciated.

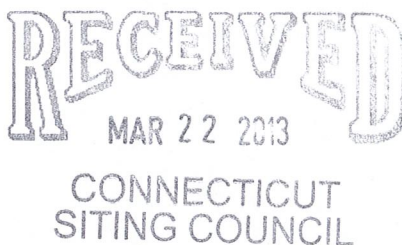
Sincerely,

Patricia Masterson  
Site Acquisition Manager  
Goodman Networks, *an authorized agent for Sprint Nextel*  
Two Willow Street, Suite 101  
Southborough, MA 01745  
Office: (972) 421-5903  
Mobile: (214) 534-7276  
Fax: (972) 421-5909  
[pmasterson@goodmannetworks.com](mailto:pmasterson@goodmannetworks.com)



March 21, 2013

Linda Roberts  
Executive Director  
Connecticut Siting Counsel  
Ten Franklin Square  
New Britain, CT 06051  
Linda Roberts, Executive Director



Re: Notice of Exempt Modification – Antenna Swap  
15 Chamberlain Road, Broad Brook (East Windsor), CT 06016–Sprint ID CT33XC565

Dear Ms. Roberts:

Sprint Spectrum is planning to consolidate multiple network technologies into one seamless network with the goal of increasing efficiency and enhancing network coverage, call quality and data speeds for customers across Connecticut. Pursuant §16-50j-73 to of the Regulations of Connecticut State Agencies (RCSA), please accept this letter and attachments as notification of Sprint's intent to make exempt modifications, under RCSA §16-50j-72(b)(2), to its existing telecommunications facility at 15 Chamberlain Road, Broad Brook (East Windsor), Connecticut. In accordance with RCSA §16-50j-73, a copy of this letter was sent to Denise Menard, First Selectman, Town of East Windsor.

Sprint currently maintains six (6) antennas at 104 feet on the existing 125 foot water tank at the address referenced above. Sprint intends to replace its existing six (6) CDMA antennas with three (3) Multimodal antennas at their same current height of 104 feet. Sprint will be replacing its existing six (6) lines of coaxial cable with three (3) smaller lines of Hybriflex cable and installing six (6) RRH's. Sprint will also be swapping two (2) existing ground cabinets with two (2) new cabinets and adding one (1) cabinet and one (1) fiber junction box. This work will result in a net reduction of antennas, from six (6) to three (3), and will not increase the height of the tower or the size of the compound. Please find included with this letter compound, elevation and overhead drawings which depict Sprint's proposed modifications.

Sprint's planned modifications fall squarely within the activities permitted in RCSA §16-50j-72(b)(2) in that:

1. The proposed modifications will not increase the existing tower height;
2. The proposed modifications will not extend the boundaries of the site by any dimension;



3. The proposed modifications will not increase the noise levels at the existing facility by six (6) decibels or more;
4. The proposed modifications will not increase the total radio frequency electromagnetic radiation power density to or above the standards adopted by the Federal Communications Commission. Please find included with this letter a Radio Frequency Emissions Analysis Report.

Also included with this letter is a Structural Assessment confirming that the foundation and tower are sufficient to support Sprint's proposed modifications.

For the foregoing reasons, Sprint respectfully requests that its proposed modifications to the existing tower located at the address referenced above constitute an exempt modification under RSCA §16-50j-72(b)(2).

Please do not hesitate to contact me should you have any questions. Thank you for your consideration.

Respectfully,



---

Patricia Masterson  
Site Acquisition Manager  
Goodman Networks, *an authorized representative of Sprint Nextel*  
Two Willow Street, Suite 101  
Southborough, MA 01745  
Office: (972) 421-5903  
Mobile: (214) 534-7276  
Fax: (972) 421-5909

Attachments

cc: Denise Menard, First Selectman, Town of East Windsor

February 22, 2013

Ms. Martha Powers  
Sprint  
1 Robbins Road  
Westford, MA 01886

Re: *Structural Evaluation Letter ~ Sprint Antenna Upgrade*  
*Sprint Site Ref ~ CT33XC565*  
*Verizon Wireless Site Ref ~ Broadbrook*  
*15 Chamberlain Road*  
*East Windsor, CT 06016*

*Centek Project No. 13026*

Dear Ms. Powers,

Centek Engineering Inc., has reviewed the proposed Sprint antenna upgrade at the above referenced site. The purpose of the review is to determine the structural adequacy of existing 124-ft +/- tall AGL water tank structure to support the proposed modified antenna configuration. The existing installation consists of three (3) antenna pipe mounts per sector (total of nine) mounted to the existing water tank handrail. The review considered the effects of wind load, dead load, ice load and seismic forces in accordance with TIA/EIA-222-F and the 2005 Connecticut State Building Code as amended by the 2009 Connecticut State Supplement. Refer to Sprint construction drawings prepared by Ramaker & Associates Inc., sheet A-3 marked Rev. A, dated 10/25/12 for mounting configuration.

The existing and proposed loads considered in this analysis consist of the following:

- Verizon (Existing/Reserved):  
Antennas: Six (6) Antel LPA-80063-6CF panel antennas, six (6) Antel BXA-70063-6CF panel antennas, six (6) LPA-171063-12CF panel antennas and six (6) RRH's pipe mounted to the side of the water tank with a RAD center elevation of 116-ft +/- AGL.  
Coax: Eighteen (18) 1-5/8-in dia. coaxial cables and one (1) 1-5/8-in dia. fiber cable vertically supported off the leg/face of the existing water tank structure.
- Pocket (Existing)  
Antennas: Three (3) RFS APXV18-206417S-C panel antennas pipe mounted to the existing water tank handrail with RAD center elevation of 106-ft +/- AGL.  
Coax Cables: Six (6) 1-5/8" dia. coaxial cables vertically supported off the leg of the existing water tank structure.
- MISC (Existing)  
GPS: One (1) GPS antenna mounted to the structure with a RAD center elevation of 35-ft +/- AGL and (1) GPS antenna mounted to the water tank leg with a RAD center elevation of 77-ft +/- AGL.  
Coax Cables: Two (2) 1/2" dia. coax cables (estimated) vertically supported off the leg of the existing water tank structure.
- SPRINT (Existing to Remain for Interim Configuration)  
Antennas: Six (6) panel antennas mounted to the existing water tank handrail with a RAD center elevation of 104-ft +/- AGL.  
Coax Cables: Six (6) 1-5/8" dia. coax cables vertically supported off the leg of the existing water tank structure.

- **SPRINT (Proposed – Interim Configuration)<sup>(1)</sup>:**  
**Antennas:** Three (3) RFS APXVSP18-C-A20 panel antennas, three (3) 1900MHz 4X40W RRH's and three (3) 800MHz 2X50W RRH's pipe mounted to the existing water tank handrail with a RAD center elevation of 104-ft +/- AGL.  
**Coax Cables:** Three (3) 1-1/4" dia. Hybriflex hybrid cables vertically supported off the leg of the existing water tank structure.
- **SPRINT (Existing to Be Removed for Final Configuration)**  
**Antennas:** Six (6) panel antennas mounted to the existing water tank handrail with a RAD center elevation of 104-ft +/- AGL.  
**Coax Cables:** Six (6) 1-5/8" dia. coax cables vertically supported off the leg of the existing water tank structure.
- **SPRINT (Final Configuration)<sup>(1)</sup>:**  
**Antennas:** Three (3) RFS APXVSP18-C-A20 panel antennas, three (3) 1900MHz 4X40W RRH's and three (3) 800MHz 2X50W RRH's pipe mounted to the existing water tank handrail with a RAD center elevation of 104-ft +/- AGL.  
**Coax Cables:** Three (3) 1-1/4" dia. Hybriflex hybrid cables vertically supported off the leg of the existing water tank structure.

1. Note: The proposed Remote Radio Heads (RRH) shall be mounted directly behind the above noted panel antennas.

The proposed antenna installation meets the requirements of the 2005 Connecticut State Building Code considering the basic wind speed (3-second gust) of 95 mph as required in Appendix K of the Connecticut supplement per Table 1609.3.1. Our findings are based on the assumption that the hosting structure, all structural members and appurtenances were properly designed, detailed, fabricated, installed and have been properly maintained since erection.

In conclusion, the proposed Sprint antenna upgrade will not negatively impact the structural integrity of the existing antenna support structure or host water tank. If there are any questions regarding this matter, please feel free to call.

Respectfully Submitted by:

Carlo F. Centore, PE  
Principal ~ Structural Engineer





# EBI Consulting

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

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Sprint Existing Facility

Site ID: CT33XC565

Broadbrook Water Tank  
15 Chamberlain Road  
Broadbrook, CT 06016

**October 30, 2012**



October 30, 2012

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

Re: Emissions Values for Site: **CT33XC565 – Broadbrook Water Tank**

EBI Consulting was directed to analyze the proposed upgrades to the existing Sprint facility located at 15 Chamberlain Road, Broadbrook, CT, for the purpose of determining whether the emissions from the proposed Sprint equipment upgrades 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 public 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 public 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.

Public 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 limit for the cellular band is approximately  $567 \mu\text{W}/\text{cm}^2$ , and the general population exposure limit for the PCS band 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.



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 upgrades to the existing Sprint Wireless antenna facility located at 15 Chamberlain Road, Broadbrook, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario. Actual values seen from this site will be dramatically less than those shown in this report. 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 emissions were calculated using the following assumptions:

- 1) 2 CDMA Carriers (1900 MHz) were considered for each sector of the proposed installation.
- 2) 1 CDMA Carrier (850 MHz ) was considered for each sector of the proposed installation
- 3) 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.
- 4) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
- 5) The antenna used in this modeling is the APXVSP18-C-A20. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.9 dBd gain value at its main lobe at 1900 MHz and 13.4 dBd at its main lobe for 850 MHz. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario.



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- 6) The antenna mounting height centerline of the proposed antennas is **104 feet** above ground level (AGL)
- 7) 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 calculation were done with respect to uncontrolled / general public threshold limits

Site ID	CT33XC565 - Broadbrook Water Tank
Site Address	15 Chamberlain Road, Broadbrook, CT, 06016
Site Type	Monopole

Sector 1																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	RFS	APXSPP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	2	40	15.9	104	98	1/2"	0.5	0	1386.9474	51.91751	5.19175%
1a	RFS	APXSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	104	98	1/2"	0.5	0	389.96892	14.59768	2.57455%
Sector total Power Density Value:													7.766%				

Sector 2																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
2a	RFS	APXSPP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	2	40	15.9	104	98	1/2"	0.5	0	1386.9474	51.91751	5.19175%
2a	RFS	APXSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	104	98	1/2"	0.5	0	389.96892	14.59768	2.57455%
Sector total Power Density Value:													7.766%				

Sector 3																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
3a	RFS	APXSPP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	2	40	15.9	104	98	1/2"	0.5	0	1386.9474	51.91751	5.19175%
3a	RFS	APXSPP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	104	98	1/2"	0.5	0	389.96892	14.59768	2.57455%
Sector total Power Density Value:													7.766%				

Site Composite MPE %	
Carrier	MPE %
Sprint	23.299%
Pocket	5.980%
Verizon Wireless	18.770%
<b>Total Site MPE %</b>	<b>48.059%</b>





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## Summary

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

The anticipated Maximum Composite contributions from the Sprint facility are **23.299% (7.766% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **48.059%** of the allowable FCC established general public 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

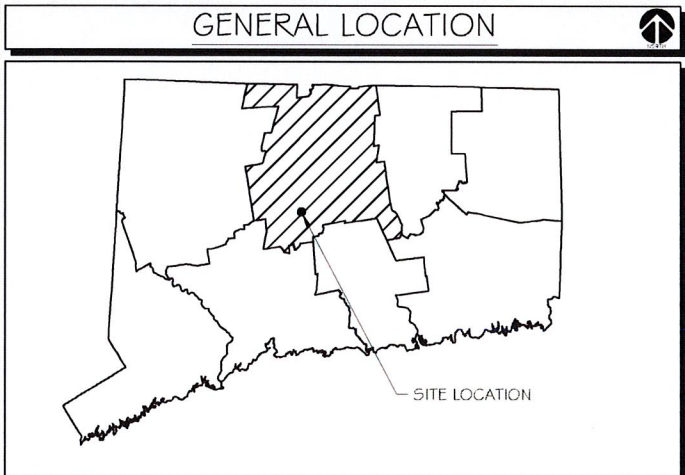
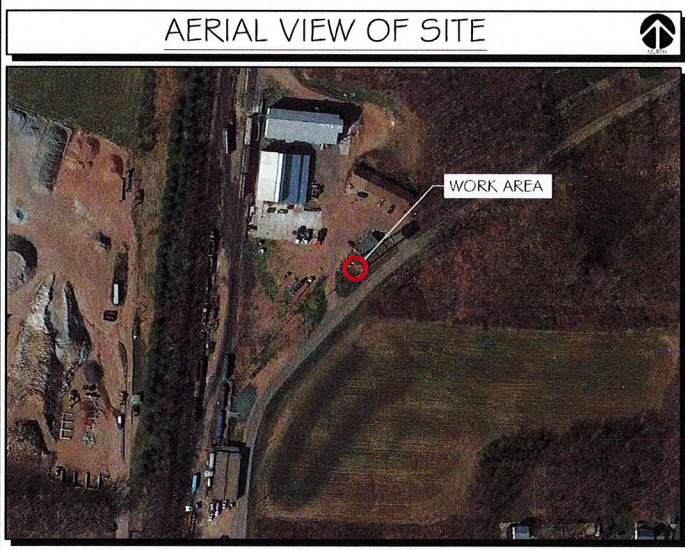
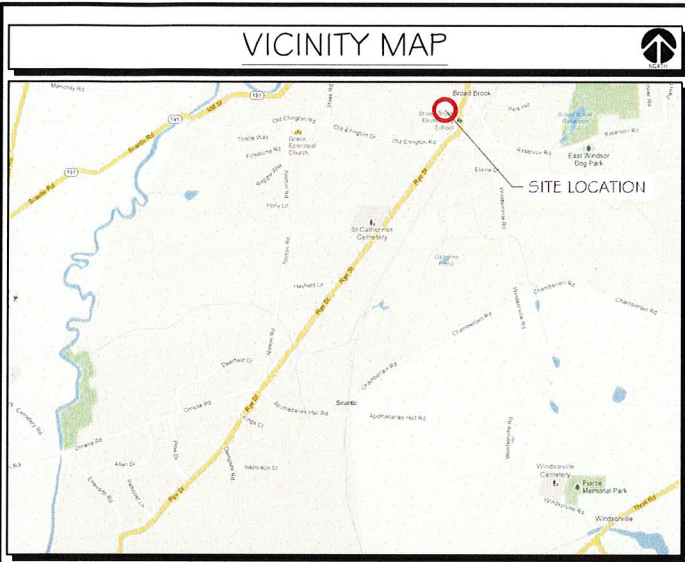
**Scott Heffernan**  
RF Engineering Director

**EBI Consulting**  
21 B Street  
Burlington, MA 01803



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I:\230000\23015\CAD\telecom\23015 NV CDs.dwg Printed by: Thielson on Mar 20, 2013 - 3:34pm



**DRIVING DIRECTIONS:**  
 TAKE I-94 NORTH TO EXIT 44. AT EXIT RAMP TAKE RIGHT ONTO ROUTE 5 SOUTH. FOLLOW RTE 5 SOUTH TO FOURTH TRAFFIC LIGHT. AT LIGHT TURN LEFT ONTO ROUTE 191 EAST. FOLLOW RTE 191 EAST FOR 2.8 MILES. TURN RIGHT ONTO OLD ELLINGTON ROAD. THEN TURN RIGHT ONTO RYE ST. AT FIRST STOP SIGN TAKE A LEFT ONTO APOTHECARIES HALL ROAD. GO STRAIGHT THRU FIRST STOP SIGN AND TAKE A LEFT ONTO CHAMBERLAIN ROAD. SITE IS BELOW WATER TANK ON LEFT.

**CODE COMPLIANCE**

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL COVERING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- INTERNATIONAL BUILDING CODE 2009
- ACCESSIBILITY CODE IBC 2009, CHAPTER 11 & ICC/ANSI A117.1-2003
- 2008 NATIONAL ELECTRIC CODE
- FIRE/LIFE SAFETY CODE- IFC 2009
- ENERGY CODE IECC 2009

**PROJECT NOTES**

- THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF BTS EQUIPMENT AND ANTENNAS.
- SIGNALS FROM THE ANTENNA SHALL NOT INTERFERE WITH ANY EXISTING COMMUNICATION SITES. ALL ITEMS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED.
- THE PROPOSED ANTENNAS ARE ATTACHED TO EITHER BUILDING OR ANTENNA FRAME OR TO BOTH.
- THE PROPOSED WORK WILL HAVE NO EFFECT ON STRUCTURAL STABILITY. ALL WORK SHALL BE PERFORMED IN STRICT ADHERENCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS.
- REFERENCE SPRINT STANDARD CONSTRUCTION SPECIFICATIONS FOR WIRELESS SITES FOR GENERAL REQUIREMENTS.
- THIS IS AN UNMANNED FACILITY- NO SOLID WASTE. THE SITE WILL CREATE NO TRASH, THUS REQUIRES NO DUMPSTER.
- EQUIPMENT IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS IS THEREFORE NOT REQUIRED.
- OWNER & TENANT MAY, FROM TIME TO TIME AT TENANT'S OPTION, REPLACE THIS EXHIBIT WITH AN EXHIBIT SETTING FORTH THE LEGAL DESCRIPTION OF THE SITE, OR WITH ENGINEERED OR AS-BUILT DRAWING DEPICTING THE SITE OR ILLUSTRATING STRUCTURAL MODIFICATIONS OR CONSTRUCTION PLANS OF THE SITE. ANY VISUAL OR TEXTUAL REPRESENTATION OF THE EQUIPMENT LOCATED WITHIN THE SITE CONTAINED IN THESE OTHER DOCUMENTS IS ILLUSTRATIVE ONLY, AND DOES NOT LIMIT THE RIGHTS OF SPRINT AS PROVIDED FOR IN THE AGREEMENT. THE LOCATIONS OF ANY ACCESS AND UTILITY EASEMENTS ARE ILLUSTRATIVE ONLY. ACTUAL LOCATIONS MAY BE DETERMINED BY TENANT AND/OR THE SERVICING UTILITY COMPANY IN COMPLIANCE WITH LOCAL LAWS AND REGULATIONS.

**PROJECT DESCRIPTION**

APPLICANT PROPOSED TO INSTALL ANTENNAS AND WEATHERPROOF EQUIPMENT CABINETS FOR AN UNMANNED PERSONAL COMMUNICATIONS SYSTEM WIRELESS CALL SITE AT AN EXISTING TELECOMMUNICATIONS FACILITY. PROPOSED FACILITY IS NOT STAFFED AND IS VISITED ONCE A MONTH FOR MAINTENANCE PURPOSES ONLY; THEREFORE, SANITARY, SEWER, GAS, POTABLE WATER AND PLUMBING ARE NOT REQUIRED.

MEMBER OF THE STATE OF CONNECTICUT  
 TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN CONNECTICUT  
**CALL BEFORE YOU DIG 811 OR 1-800-922-4455**  
 CONNECTICUT PUBLIC ACT 87-71 REQUIRES MIN. 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

**DO NOT SCALE DRAWINGS:**  
 CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

**APPROVALS**

CONSTRUCTION PROJECT MANAGER: \_\_\_\_\_

SITE ACQUISITION: \_\_\_\_\_

SPRINT REPRESENTATIVE: \_\_\_\_\_

RF ENGINEER: \_\_\_\_\_

LANDLORD/ OWNER: \_\_\_\_\_

**CONSTRUCTION DRAWINGS**

**BROADBROOK WATERTANK**  
**CT33XC565**  
 15 CHAMBERLAIN ROAD  
 BROADBROOK, CT 06016  
 HARTFORD COUNTY  
 WATER TANK

**SHEET INDEX**

<b>GENERAL:</b>	T-1 TITLE SHEET	<b>STRUCTURAL:</b>	S-1 STRUCTURAL DETAILS
	SP-1 SPECIFICATIONS		UTILITY & GROUNDING:
	SP-2 SPECIFICATIONS		F-1 UTILITY & GROUNDING SITE PLAN & NOTES
	SP-3 SPECIFICATIONS		F-2 UTILITY DETAILS
<b>SITE:</b>	C-1 OVERALL SITE PLAN		F-3 GROUNDING DETAILS & NOTES
	A-1 EQUIPMENT PLAN		F-4 GROUNDING DETAILS
	A-2 SITE ELEVATION & NOTES		F-5 GROUNDING DETAILS
	A-3 ANTENNA DETAILS & COAX SCHEDULE		
	A-4 ANTENNA PLUMBING DIAGRAM & SPECIFICATIONS		
	A-5 RF INFORMATION & COAX COLOR CODING		
	A-6 EQUIPMENT DETAILS & SPECIFICATIONS		
	A-7 EQUIPMENT DETAILS & SPECIFICATIONS		

**PROJECT INFORMATION**

APPLICANT ID: \_\_\_\_\_ HOSPITAL: ROCKVILLE GENERAL HOSPITAL  
 31 UNION STREET  
 VERNON ROCKVILLE, CT 06066  
 PH.: (860) 872-0501

PROPERTY LANDLORD: \_\_\_\_\_ FIRE HOUSE: BROAD BROOK VOLUNTEER FIRE DEPARTMENT ADDRESS  
 125 MAIN ST.  
 BROAD BROOK, CT 06016  
 PH.: (860) 623-5940

SITE MANAGEMENT: VERIZON WIRELESS  
 SITE NAME: EAST WINDSOR

SITE ADDRESS: 15 CHAMBERLAIN ROAD  
 BROAD BROOK, CT 06016  
 HARTFORD COUNTY

SITE DATA: LATITUDE: 41°-53'-52.22" N  
 LONGITUDE: 72°-33'-07.24" W  
 GROUND ELEVATION: 136 FT AMSL

POWER COMPANY: CONNECTICUT LIGHT & POWER  
 PH.: (800) 286-2000

TELEPHONE COMPANY: VERIZON  
 PH.: (800) 479-1919

APPLICANT: SPRINT  
 6391 SPRINT PARKWAY  
 OVERLAND PARK, KS 66251

PLANS PREPARED BY: RAMAKER & ASSOCIATES, INC.  
 1120 DALLAS STREET  
 SAUK CITY, WI 53583  
 CONTACT: KEITH BOHNSACK, P.E., PROJECT MANAGER  
 PH.: (608) 643-4100  
 FAX: (608) 643-7999

6391 Sprint Parkway  
 Overland Park, KS 66251

1120 Dallas Street, Sauk City, WI 53583  
 Phone: 608-643-4100 Fax: 608-643-7999  
 www.Ramaker.com

**NETWORK VISION**  
**MMBTS LAUNCH**  
**NORTHERN CT MARKET**

**Certification & Seal:**  
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.

James R. Skowronski  
 Signature: \_\_\_\_\_ Date: 3/20/2013

MARK	DATE	DESCRIPTION
C	3/20/13	NEW RFDS, STAMPED PRELIMINARY PERMIT CD'S
B	10/25/12	FINAL PRELIMINARY CD'S
A	10/09/12	90% CD REVIEW
ISSUE PHASE	FINAL PRELIMS	DATE ISSUED 03/20/2013

PROJECT TITLE: **BROADBROOK WATERTANK**  
**SITE #: CT33XC565**

PROJECT INFORMATION: 15 CHAMBERLAIN ROAD  
 BROADBROOK, CT 06016  
 HARTFORD COUNTY

SHEET TITLE: **TITLE SHEET**

SCALE: NONE

PROJECT NUMBER: 23015  
 SHEET NUMBER: T-1

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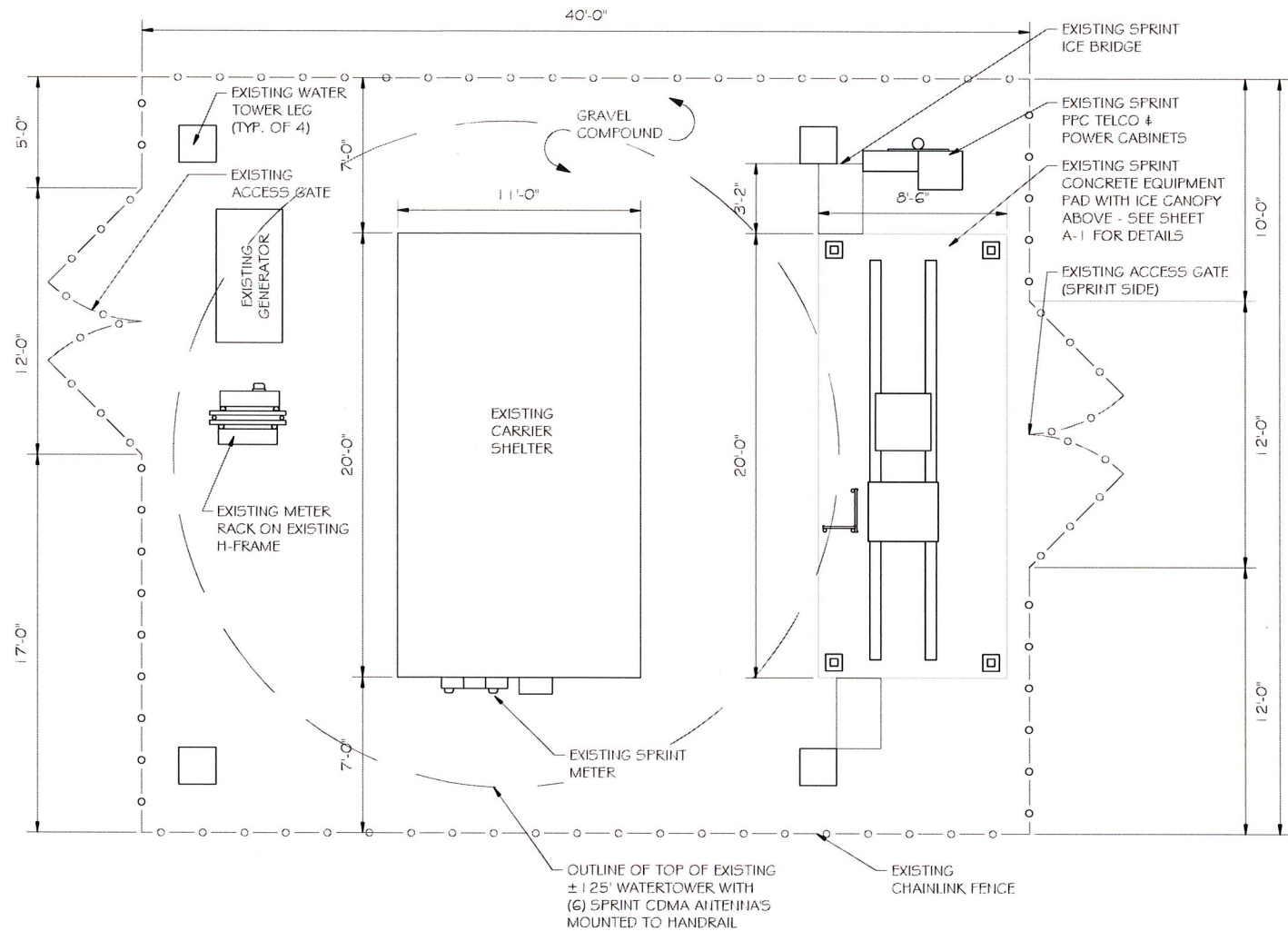


VICINITY MAP



GENERAL NOTES:

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, AND REGULATIONS OF ALL MUNICIPALITIES, UTILITIES COMPANY, OR OTHER PUBLIC AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY, OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK. MINOR OMISSIONS OR ERRORS IN THE BID DOCUMENTS SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR THE OVERALL INTENT OF THESE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THE FACILITY.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTH WITH RF ENGINEERING PRIOR TO INSTALLATION.
- TRANSMITTER EQUIPMENT AND ANTENNAS ARE DESIGNED TO MEET ANSI/EIA/TIA 222-C REQUIREMENTS.
- ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
- CONTRACTOR SHALL MAKE A UTILITY "ONE-CALL" TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
- IF ANY UNDERGROUND UTILITIES OR STRUCTURES EXIST BENEATH THE PROJECT AREA, CONTRACTOR MUST LOCATE IT AND CONTACT THE APPLICANT & THE OWNER'S REPRESENTATIVE.
- OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY 2 TIMES PER MONTH.
- RAMAKER & ASSOCIATES HAS NOT PERFORMED A STRUCTURAL ANALYSIS FOR THIS PROJECT. PRIOR TO THE INSTALLATION OF THE PROPOSED EQUIPMENT OR MODIFICATION OF THE EXISTING STRUCTURE, A STRUCTURAL ANALYSIS SHALL BE PERFORMED BY SPRINT'S AGENT TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES, AND OTHER APPURTENANCES.
- PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY.
- THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
- THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORMWATER RUNOFF; THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
- NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
- THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED).
- POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.



SITE PLAN

SCALE: 1" = 7.5'



6391 Sprint Parkway  
 Overland Park, KS 66251



1120 Dallas Street, Sauk City, WI 53583  
 Phone: 608-643-4100 Fax: 608-643-7999  
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 MMBTS LAUNCH  
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Certification & Seal:  
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Signature: *James R. Skowronski* Date: 3/20/2013

MARK	DATE	DESCRIPTION
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B	10/25/12	FINAL PRELIMINARY CDS
A	10/09/12	90% CD REVIEW

ISSUE PHASE	DATE ISSUED
FINAL PRELIMS	03/20/2013

PROJECT TITLE:  
**BROADBROOK WATERTANK**  
 SITE #: CT33XC565

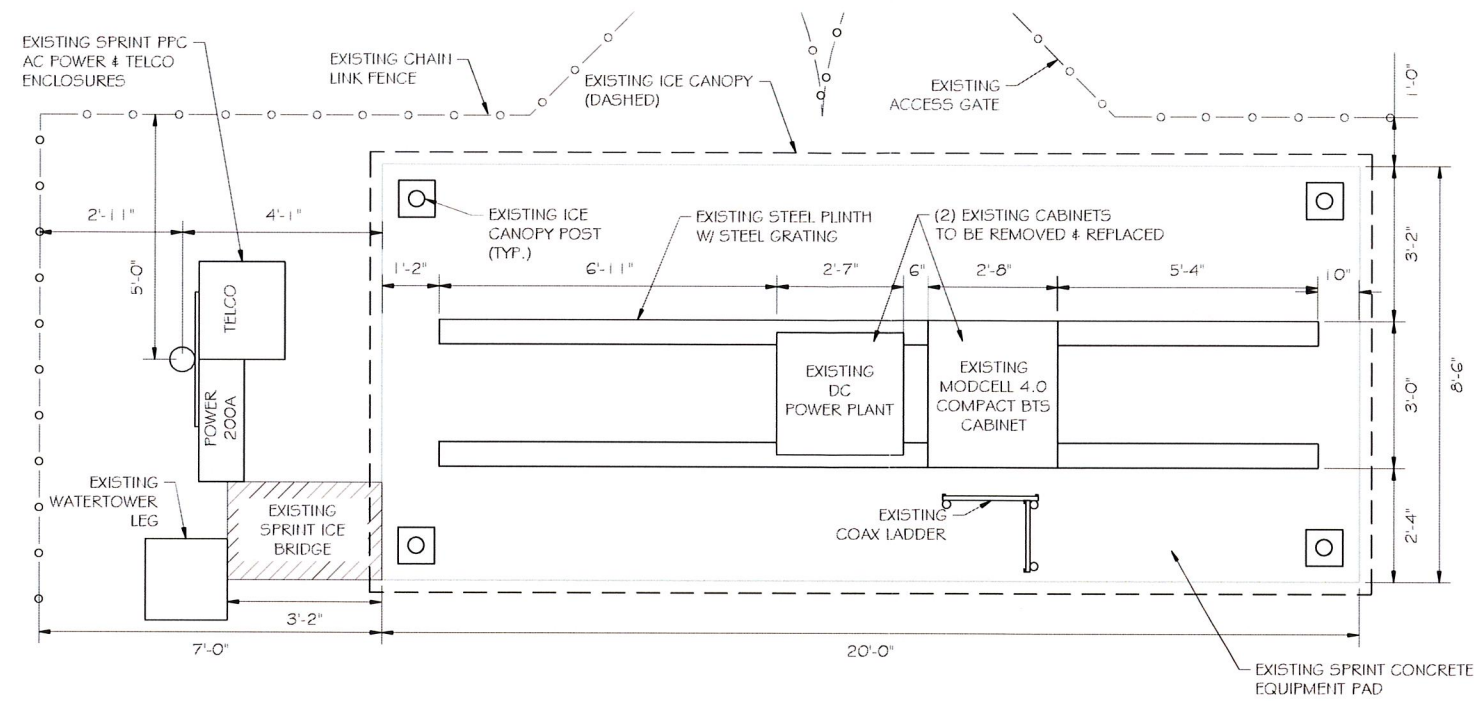
PROJECT INFORMATION:  
 15 CHAMBERLAIN ROAD  
 BROADBROOK, CT 06016  
 HARTFORD COUNTY

SHEET TITLE:  
**OVERALL SITE PLAN**

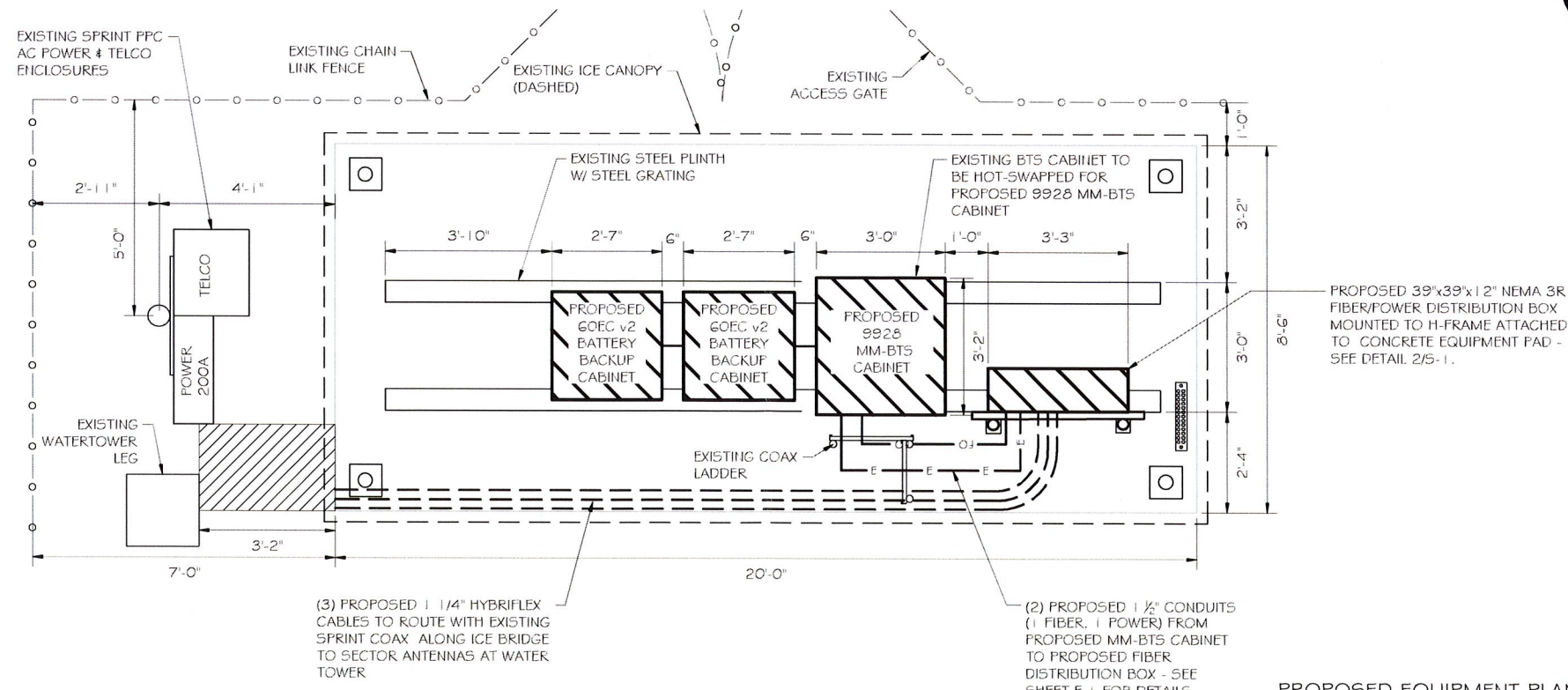
1" x 17" - 1" = 7.5'  
 22" x 34" - 1" = 3.75'

PROJECT NUMBER	23015
SHEET NUMBER	C-1





EXISTING EQUIPMENT PLAN ①  
 SCALE: 1" = 3.75'



PROPOSED EQUIPMENT PLAN ②  
 SCALE: 1" = 3.75'

NOTE  
 EXISTING SPRINT CDMA GPS ANTENNA TO BE REMOVED & REPLACED WITH PROPOSED PCTEL GPS ANTENNA MODEL #GPS-TMG-HR-26NCM - SEE DETAIL 3/5-1

(3) PROPOSED 1 1/4" HYBRIFLEX CABLES TO ROUTE WITH EXISTING SPRINT COAX ALONG ICE BRIDGE TO SECTOR ANTENNAS AT WATER TOWER  
 (2) PROPOSED 1 1/2" CONDUITS (1 FIBER, 1 POWER) FROM PROPOSED MM-BTS CABINET TO PROPOSED FIBER DISTRIBUTION BOX - SEE SHEET E-1 FOR DETAILS



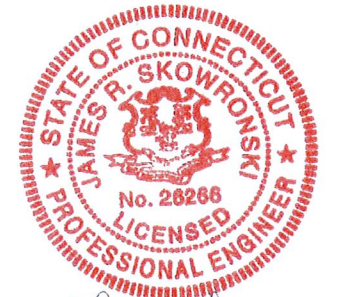
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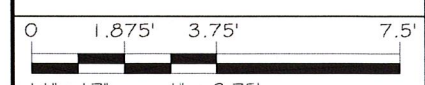
James R. Skowronski 3/20/2013  
 Signature Date

MARK	DATE	DESCRIPTION
C	3/20/13	NEW RFD5, STAMPED PRELIMINARY PERMIT CD5
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A	10/09/12	90% CD REVIEW

ISSUE PHASE: FINAL PRELIMS DATE ISSUED: 03/20/2013

PROJECT TITLE:  
**BROADBROOK WATERTANK**  
 SITE #: CT33XC565  
 PROJECT INFORMATION:  
 15 CHAMBERLAIN ROAD  
 BROADBROOK, CT 06016  
 HARTFORD COUNTY

SHEET TITLE:  
**EQUIPMENT PLAN**



1 1/4" x 17" - 1" = 3.75'  
 22" x 34" - 1" = 1.875'  
 PROJECT NUMBER: 23015  
 SHEET NUMBER: A-1



**NOTES:**

**I. SCOPE**

A. THIS SECTION COVERS THE SPECIFICATIONS FOR ANTENNA AND COAXIAL CABLE INSTALLATION OF: ANTENNAS, COAXIAL CONNECTIONS, AND ICE BRIDGE.

B. REFERENCE SPRINT STANDARD CONSTRUCTION SPECIFICATIONS FOR WIRELESS SITES FOR GENERAL REQUIREMENTS.

**II. ANTENNAS:**

A. ANTENNAS SHALL BE PLUMB AND INSTALLED SO THAT THE ENTIRE WHIP EXTENDS ABOVE VERTICAL PIPE MOUNT. DIRECTIONAL ANTENNAS SHALL BE ORIENTED TO PROPER AZIMUTH, PROVIDED ON THE RF SPECIFICATION SHEET. NOTE: THE ANTENNA MAY BE ORIENTED USING THE REFLECTOR AS THE REFERENCE, ADJUSTING ITS AZIMUTH 180 DEGREES FROM MAXIMUM ANTENNA RADIATION.

B. MICROWAVE ANTENNAS (DISHS) SHALL BE ASSEMBLED PER MANUFACTURER'S DRAWINGS. STIFF ARMS AND RADOMES SHALL BE INSTALLED WITH POLARIZATION PROVIDED BY RF SPECIFICATION SHEET. IF PATH IS NOT READY TO ALIGN, DISH SHOULD BE POINTED TOWARD CALCULATED AZIMUTH, OR DIRECTION OF FIELD STAKE DENOTING OPPOSITE END. 2 STIFF ARMS SHALL BE PROVIDED FOR MICROWAVE DISHS 6'-0" IN DIAMETER OR GREATER.

C. A TRANSIT SHALL BE USED TO PROPERLY ALIGN CELLULAR AND MICROWAVE ANTENNAS.

**III. COAXIAL CABLE:**

A. COAXIAL CABLE SHALL BE SUPPORTED WITH SNAP-IN HANGERS. SNAP-IN HANGERS SHOULD BE USED EVERY 3 FEET THE ENTIRE HEIGHT OF THE TOWER. ANGLE ADAPTERS OR ROUND MEMBER ADAPTERS WITH BUTTERFLY CLAMPS SHALL BE USED ELSEWHERE, I.E. SIDEARMS, PLATFORMS, AND MICROWAVE MOUNTS.

B. COAXIAL CABLE SHALL ALSO BE SUPPORTED WITH HOISTING GRIPS, INSTALLED AT MAXIMUM INTERVALS OF 200 FEET. HOISTING GRIPS SHALL BE ATTACHED WITH SHACKLES, BOLTED IN THE 7/8" HOLE OF WAVEGUIDE LADDER.

C. ALL JUMPERS USED BETWEEN COAXIAL CABLE AND ANTENNA SHALL BE SUPPORTED WITHIN 1/8 INCHES OF ANTENNA, USING BUTTERFLY CLAMPS WITH ANGLE ADAPTERS OR ROUND MEMBER ADAPTERS AROUND PIPES. CELLULAR ANTENNAS TYPICALLY USE 6 JUMPERS; MICROWAVE DISHS USE 3 JUMPERS.

D. COAXIAL CABLE SHALL BE NEATLY BENT WHEN REQUIRED, USING A MINIMUM BENDING RADIUS OF 10 TIMES THE DIAMETER OF THE COAXIAL CABLE. DRIP LOOPS SHOULD BEGIN AT THE ICE BRIDGE. THE END IN THE COAXIAL CABLE SHOULD BE AT A LOWER HEIGHT THAN THE ENTRY PORT.

E. COAXIAL CABLE SHALL BE SUPPORTED WITH SNAP-IN HANGERS ON THE WAVEGUIDE LADDER UNDER ICE BRIDGE. COAXIAL CABLE SHOULD BE NEATLY CUT 1/8" INSIDE BUILDING AND TERMINATED AT THE QUARTER WAVE SHORTS.

F. CONNECTORS WILL NORMALLY BE PROVIDED FIRST OFF REEL FROM FACTORY. CONNECTORS TERMINATED IN BUILDING SHALL BE NEATLY INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

G. COAXIAL CABLES SHOULD BE LABELED WITH TAGS INSIDE THE BUILDING.

H. USE 2" WIDE COLORED TAPE TO INDICATE SECTORS. CONTRACTOR TO USE SECTOR COLOR CODING AS INDICATED IN THESE DRAWINGS OR AS PROVIDED BY SPRINT.

I. ALL EXCEPTIONS NEED TO BE VERIFIED WITH THE PROJECT MANAGER.

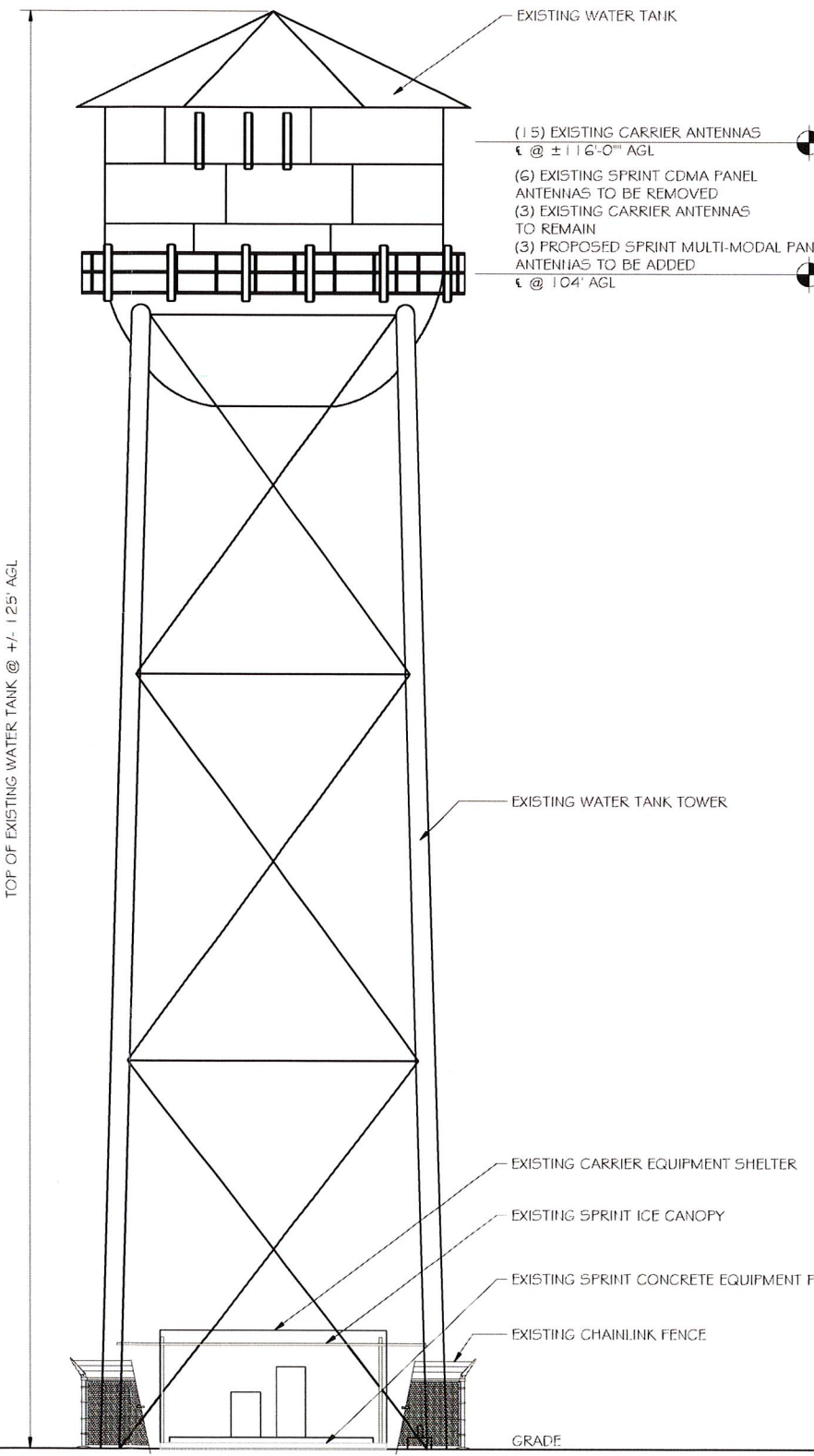
**IV. CONNECTORS:**

A. ALL CONNECTIONS AND GROUNDING KITS SHALL BE WEATHERPROOFED USING COLD SHRINK OR ANDREW APPROVED WEATHER STRIPPING. NOTE: NO PORTION OF CONNECTOR SHALL BE EXPOSED TO THE ELEMENTS.

B. COAXIAL CABLE SHALL BE GROUNDED USING GROUNDING KITS AT THE TOP (BELOW THE BEND), BOTTOM (ABOVE THE BEND ON TOWER GROUND BAR), AND ON BUILDING GROUND BAR BEFORE ENTRY INTO WAVEGUIDE PORTS. 4" CABLE BOOTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

C. GROUNDING KITS SHALL BE NEATLY INSTALLED SO THAT THE JUMPER RUNS IN THE SAME DIRECTION AS THE COAXIAL AND GROUND BAR. JUMPER WIRE SHOULD RUN IN A DIRECT PATH TO THE GROUND BAR/TOWER LADDER, BUT HAVE ADEQUATE SLACK FOR EXPANSION, CONTRACTION, AND REPAIR. NON-OXIDE GREASE SHOULD BE APPLIED BETWEEN LUG AND BAR/TOWER.

D. TOWER GROUND BAR SHALL BE INSTALLED ON THE ANGLE BEHIND THE FIRST DIAGONAL WAVEGUIDE LADDER RUNG, ABOVE 8'-6". GROUND BAR SHALL BE ISOLATED FROM ANGLE USING NEWTON BUSHINGS PROVIDED.



**ELEVATION**  
 SCALE: 1" = 15'-0" (1)



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**BROADBROOK  
 WATERTANK  
 SITE #: CT33XC565**

PROJECT INFORMATION:  
 15 CHAMBERLAIN ROAD  
 BROADBROOK, CT 06016  
 HARTFORD COUNTY

SHEET TITLE:  
**SITE ELEVATION & NOTES**

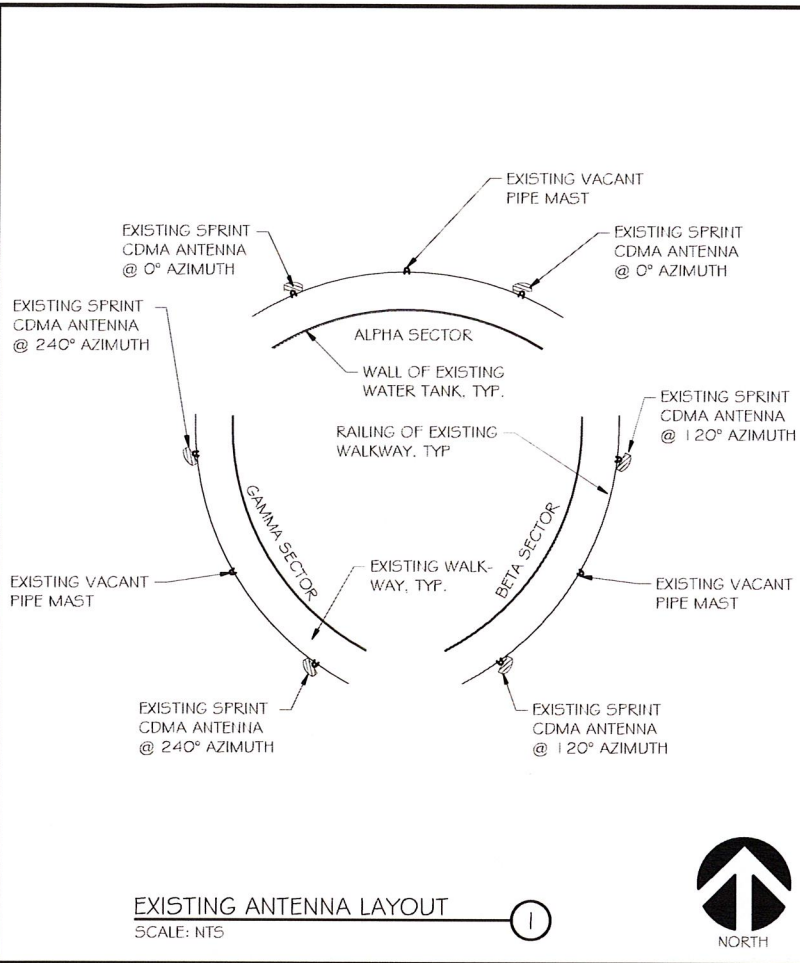
1 1/2" x 17" - 1" = 15'  
 22" x 34" - 1" = 7.5'

PROJECT NUMBER	23015
SHEET NUMBER	A-2

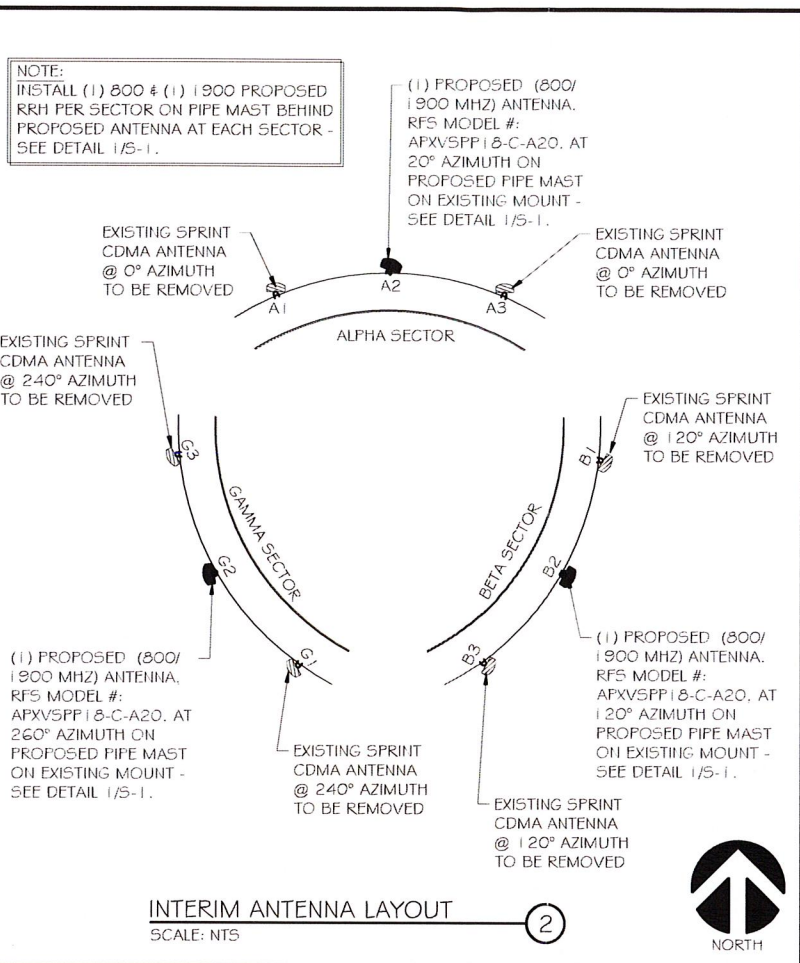
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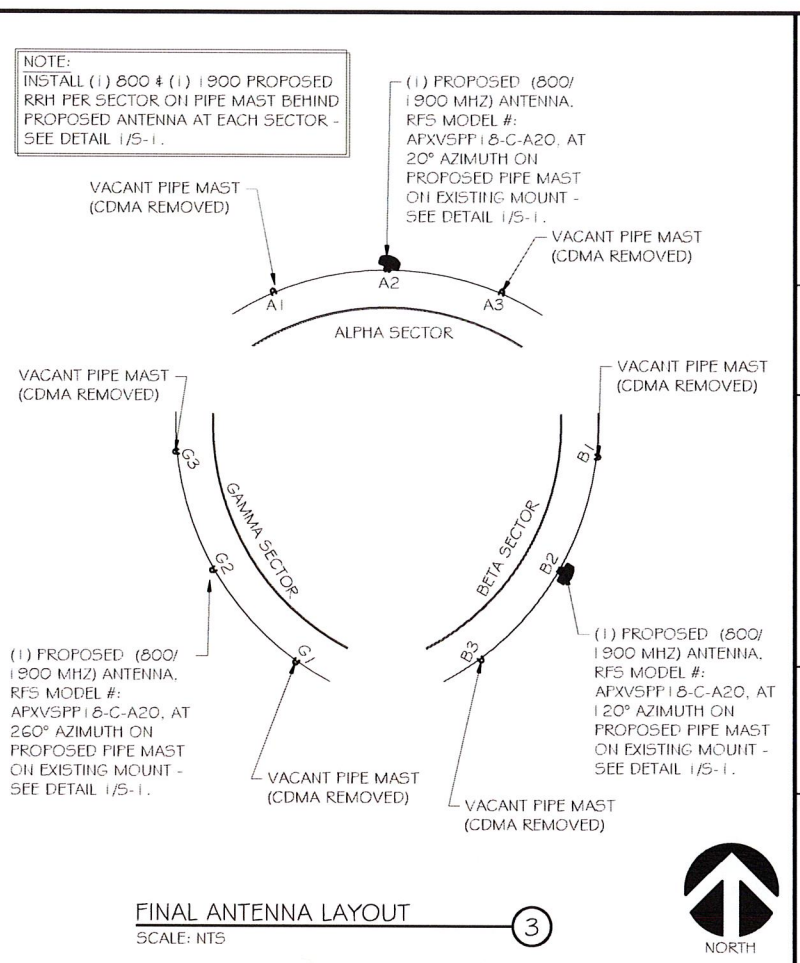
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 DRAWN BY: TWS CHECKED BY: KAB



EXISTING ANTENNA LAYOUT  
 SCALE: NTS



INTERIM ANTENNA LAYOUT  
 SCALE: NTS



FINAL ANTENNA LAYOUT  
 SCALE: NTS



ANTENNA AND COAXIAL CABLE SCHEDULE											
SECTOR	POS.	AZIMUTH	ANTENNA CENTERLINE	ANTENNA STATUS	TECH.	ANTENNA MAKE/ MODEL	MECH. DOWNTILT (°)	ELEC. DOWNTILT (°)	RRHs	CABLE SIZE	CABLE LENGTH
ALPHA	A-1	0°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-
	A-2	20°	104'-0"	PROPOSED	MULTI MODAL	RFS MODEL # APXV5FP18-C-A20	0	-6 (800) -1 (1900)	(1) 800 (1) 1900	(1) 1/4" HYBRIFLEX HYBRID CABLE RFS #HB114-1-08U4 - M5J	±155'
	A-3	0°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-
BETA	B-1	120°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-
	B-2	120°	104'-0"	PROPOSED	MULTI MODAL	RFS MODEL # APXV5FP18-C-A20	0	-8 (800) -5 (1900)	(1) 800 (1) 1900	(1) 1/4" HYBRIFLEX HYBRID CABLE RFS #HB114-1-08U4 - M5J	±135'
	B-3	120°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-
GAMMA	G-1	240°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-
	G-2	260°	104'-0"	PROPOSED	MULTI MODAL	RFS MODEL # APXV5FP18-C-A20	0	-8 (800) -1 (1900)	(1) 800 (1) 1900	(1) 1/4" HYBRIFLEX HYBRID CABLE RFS #HB114-1-08U4 - M5J	±175'
	G-3	240°	104'-0"	EX. TO BE REMOVED	CDMA	-	-	-	-	EX. TO BE REMOVED	-



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 SITE #: CT33XC565

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 BROADBROOK, CT 06016  
 HARTFORD COUNTY

SHEET TITLE:  
**ANTENNA DETAILS & COAX SCHEDULE**

SCALE: NONE

PROJECT NUMBER: 23015  
 SHEET NUMBER: A-3

I:\230001\23015\CAD\Telecom\23015 NV CDs.dwg Printed by: T Nelson on Mar 20, 2013 3:36pm

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EM-SPRINT-047-130322

15 CHAMBERLAIN

East Windsor



RECEIVED  
JUL 10 2014

1 Robbins Road  
Westford, MA 01886

July 9, 2014

State of Connecticut  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

CONNECTICUT  
SITING COUNCIL

RE: Notification of Construction Completion on telecommunication facilities

To whom it may concern:

Alcatel Lucent hereby acknowledges that the list of attached sites have completed construction per the approval granted on the specified date. Please advise if further information is needed..

Very truly yours,

*Martha Powers*

Martha Powers  
Lead Development Manager  
Alcatel-Lucent  
Sprint Vision Project  
1 Robbins Road  
Westford, MA 01886

Cc: FST, Siterra



EM/TS #	Address	Town	Sprint ID	Decision Date
EM-SPRINT-062-130912	1065 Wintergreen Avenue	Hamden	CT03XC003	10/15/2013
EM-SPRINT-NEXTEL-060-130118	10 Tanner Marsh Road	Guilford	CT03XC022	2/14/2013
EM-SPRINT-004-130822	181 Montevideo Road	Avon	CT03XC053	9/6/2013
EM-SPRINT-NEXTEL-155-130214	1358 New Britain Ave.	West Hartford	CT03XC057	3/1/2013
EM-SPRINT-NEXTEL-164-130201	440 Hayden Station Road	Windsor	CT03XC065	3/8/2013
EM-SPRINT-NEXTEL-132-130201	59 McGuire Road	South Windsor	CT03XC066	3/1/2013
EM-SPRINT-NEXTEL-054-130201	299 Paxton Way	Glastonbury	CT03XC081	3/1/2013
EM-SPRINT-NEXTEL-094-130214	36 Prospect Street	Newington	CT03XC084	3/1/2013
EM-SPRINT-110-130725	10 Sparks Street	Plainville	CT03XC086	8/8/2013
EM-SPRINT-007-130314	260 Beckley Road	Kensington	CT03XC088	4/5/2013
EM-SPRINT-NEXTEL-155-130201	570 New Park Avenue	West Hartford	CT03XC091	3/1/2013
EM-SPRINT-NEXTEL-106-130201	430 Middlesex Turnpike	Old Saybrook	CT03XC102	3/1/2013
EM-SPRINT-NEXTEL-105-130201	30 Short Hills Road	Old Lyme	CT03XC104	3/1/2013
EM-SPRINT-NEXTEL-152-130201	41 Manitock Hill Road	Waterford	CT03XC105	3/1/2013
EM-SPRINT-NEXTEL-045-130201	93 Roxbury Road	East Lyme	CT03XC110	3/1/2013
EM-SPRINT-152-130114	45R Fargo Road	Waterford	CT03XC112	2/14/2013
EM-SPRINT-NEXTEL-027-130201	48 Cow Hill Road	Clinton	CT03XC156	3/1/2013
EM-SPRINT-NEXTEL-082-130201	238 Meridan Road	Middlefield	CT03XC160	3/8/2013
EM-SPRINT-047-130109	160 Plantation Road	East Windsor	CT03XC202	2/7/2013
EM-SPRINT-NEXTEL-077-130214	53 Slater Street	Manchester	CT03XC211	3/1/2013
EM-SPRINT-142-130109	497 Old Post Road	Tolland	CT03XC212	2/7/2013
EM-SPRINT-NEXTEL-042-130222	94 East High Street	East Hampton	CT03XC335	3/8/2013
EM-SPRINT-057-121226	Butternut Hollow Road	Greenwich	CT03XC343	1/11/2013
EM-SPRINT-158-130213	515 Boston Post Road	Westport	CT03XC355	3/1/2013
EM-SPRINT-046-130402	206 Everett Road	Easton	CT03XC362	4/19/2013
EM-SPRINT-085-130322	474 MAIN STREET	MONROE	CT03XC365	4/5/2013
EM-SPRINT-086-131011	57 Cook Drive	Montville	CT03XC365	10/25/2013
EM-SPRINT-118-130322	76 EAST RIDGE	RIDGEFIELD	CT03XC370	4/5/2013
EM-SPRINT-097-131230	20 Barnabas Road	Newtown	CT03XC383	1/21/2014
EM-SPRINT-051-130207	3965 Congress Street	Fairfield	CT03XC385	3/1/2013
EM-SPRINT-NEXTEL-094-130214	123 Costello Road	Newington	CT23XC555	3/1/2013
EM-SPRINT-119-131008	699 Old Main Street	Rocky Hill	CT23XC556	10/25/2013
EM-SPRINT-077-131008	60 Adams Street	Manchester	CT23XC557	10/25/2013
EM-SPRINT-NEXTEL-080-130123	462 West Main Street	Meriden	CT25XC840	2/14/2013
EM-SPRINT-096-130920	18 Hilltop View Lane	New Milford	CT33XC095	10/4/2013
EM-SPRINT-157-130213	237 Godfrey Road	Weston	CT33XC522	3/1/2013
EM-SPRINT-018-131008	20 Vale Road	Brookfield	CT33XC525	10/25/2013
EM-SPRINT-077-130528	595 Keeney Street	Manchester	CT33XC538	6/14/2013
EM-SPRINT-NEXTEL-129-130214	400 Main Street	Somers	CT33XC554	3/1/2013
EM-SPRINT-047-130322	15 CHAMBERLAIN	BROADBROOK	CT33XC565	4/5/2013
EM-SPRINT-004-130502	277 Huckleberry Road	Avon	CT33XC589	5/17/2013

EM-SPRINT-143-130604	218 Wheeler Road	Torrington	CT33XC592	6/28/2013
EM-SPRINT-140-130724	583 Chapel Street	Thomaston	CT33XC603	8/8/2013
EM-SPRINT-103-130920	Charles Marshall Drive	Norwalk	CT33XC802	10/4/2013
EM-SPRINT-NEXTEL-064-130214	439-455 Homestead Ave.	Hartford	CT43XC805	3/1/2013
EM-SPRINT-064-130311	99 Meadow Street	Hartford	CT43XC806	4/5/2013
EM-SPRINT-083-131127	290 Preston Ave.	Middletown	CT43XC816	12/16/2013
EM-SPRINT-128-130920	530 Bushy Hill Road	Simsbury	CT43XC825	10/4/2013
EM-SPRINT-164-130405A	340 Bloomfield Avenue	Windsor	CT43XC826	4/19/2013
EM-SPRINT-077-130109	239 Middle Turnpike	Manchester	CT43XC827	2/13/2013
EM-SPRINT-165-130118	2-4 Volunteer Drive	Windsor Locks	CT43XC828	2/14/2013
EM-SPRINT-NEXTEL-139-130214	44 Fyler Place	Suffield	CT43XC829	3/8/2013
EM-SPRINT-111-130712	171 Town Hill Road	Plymouth	CT54XC712	7/26/2013
EM-SPRINT-009-130322	38 Spring Hill Road	Bethel	CT54XC749	4/5/2013
EM-SPRINT-154-131011	315 Spencer Plains Road	Westbrook	CT54XC758	10/25/2013
EM-SPRINT-023-130405	14 Canton Springs Road	Canton	CT54XC760	4/19/2013
EM-SPRINT-104-130606	153 Old Salem Road	Norwich	CT54XC775	6/28/2013
EM-SPRINT-164-130405B	99 Day Hill Road	Windsor	CT54XC787	4/19/2013
EM-SPRINT-132-130920	300 Governor's Highway	South Windsor	CT60XC014	10/4/2013
EM-SPRINT-094-130108	605 Willard Avenue	Newington	CT60XC018	1/25/2013
EM-SPRINT-146-130506	197 South Street	Vernon	CT60XC935	5/24/2013
EM-SPRINT-146-130311	777 Talcottville Road	Vernon	CT70XC147	4/5/2013
EM-SPRINT-126-130531	62 Birdseye Road	Shelton	CT73XC004	6/21/2013