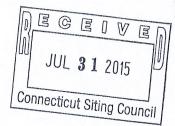
Please Reply To: Sam Simons 35 Griffin Road South Bloomfield, CT 06002 203-482-5156

Sam.Simons@T-Mobile.com

July 27, 2015

Attorney Melanie Bachman Acting Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06501



EM-TMOBILE-011-131028

T-Mobile Site ID CT11162B
1021 Blue Hills Avenue, Bloomfield CT
Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T- Mobile Northeast LLC ("T-Mobile") notice of exempt modification on November 19, 2013. The Council imposed the following condition in its acknowledgment:

- The feedlines and accessory equipment shall be installed as specified in the Structural Analysis Report prepared by FDH Engineering dated September 25, 2013 and stamped by Christopher Murphy;
- Within 45 days following completion of the antenna installation, T-Mobile shall provide documentation certified by a professional engineer that its installation complied with the recommendations of the structural analysis;
- Any deviation from the proposed modification as specified in this notice and supporting materials with the 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 attached PE Closeout Letter, dated July 24, 2015, provides evidence of compliance with the conditions outlined by the Council.

In addition, T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of August 15, 2014.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile





July 24, 2015

Sam Simons
Engineering Development - Connecticut
T-Mobile
35 Griffin Road South
Bloomfield, CT 06002
sam.simons@t-mobile.com

RE: PE Close Out Letter

EM-T-MOBILE # 011-131028/T-Mobile

SBA Site ID #: CT01725-A SBA Site Name: Bloomfield T-Mobile Site ID #: CT11162-B

Dear Mr. Simons,

Velocitel, Inc., d.b.a. FDH Velocitel has completed a post-construction review of the above-referenced site to determine whether T-Mobile complied with conditions imposed by the Connecticut Siting Council's acknowledgment letter, dated November 19, 2013. Our compliance review included the Connecticut Siting Council's acknowledgment letter and the approved tower Structural Analysis Report by FDH Engineering, project number 13SCG71400, dated September 25, 2013.

On behalf of FDH Velocitel, based on my review of the information, I, Dennis D. Abel, certify that to the best of my knowledge, the T-Mobile work complies with the recommendations of the approved Structural Analysis.

All observations were performed after the construction was complete and FDH Velocitel was not present during the construction phase. This review is not to determine the adequacy or effectiveness of the modification solution.

We at FDH Velocitel appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted,

Dennis D. Abel, PE Connecticut License #23247 No. 23247

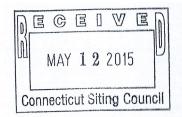
No. 23247

SONAL ENGINEER

A7-24-2015

CC: Mark Appleby, Northeast Site Solutions

T - Mobile



Please Reply To:
Sam Simons
35 Griffin Road South
Bloomfield, CT 06002
203-482-5156
Sam.Simons@T-Mobile.com

May 11, 2015

Attorney Melanie Bachman Acting Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06501

Re: EM-T-Mobile-011-131028

T-Mobile Site ID CT11162B 1021 Blue Hills Avenue Bloomfield CT Notice of Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on November 19, 2013. T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of August 15, 2014.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

cc: Mark Richard, T-Mobile

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
www.ct.gov/csc

November 19, 2013

Rick Woods SBA Communications Corporation 33 Boston Post Road West Suite 320 Marlborough, MA 01752

RE: **EM-T-MOBILE-011-131028** – T-Mobile Northeast LLC notice of intent to modify an existing telecommunications facility located at 1021 Blue Hills Avenue, Bloomfield, Connecticut.

Dear Mr. Woods:

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:

- The feedlines and accessory equipment shall be installed as specified in the Structural Analysis Report prepared by FDH Engineering dated September 25, 2013 and stamped by Christopher Murphy;
- Within 45 days following completion of the antenna installation, T-Mobile shall provide documentation certified by a professional engineer that its installation complied with the recommendations of the structural analysis;
- Any deviation from the proposed modification as specified in this notice and supporting materials with the 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 October 24, 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.

s:\ems_ts\t-mobile\bloomfie\bluehillsave.ue\em-t-mobile-011-131028_dcltr_bluehillsave.docx



EM-T-MOBILE-011-131028

October 24, 2013

David Martin and Members of the Siting Council Connecticut Siting Council Ten Franklin Square New Britain, CT 06051 REGEIVED OCT 2 8 2013

CONNECTICUT SITING COUNCIL

RE:

Notice of Exempt Modification 1021 Blue Hills Avenue Bloomfield, CT 06002 N 41° 49′ 12″ W -72° 41′ 47″

Dear Mr. Martin and Members of the Siting Council:

On behalf of T-Mobile, SBA Communications is submitting an exempt modification application to the Connecticut Siting council for modification of existing equipment at a tower facility located at 1021 Blue Hills Avenue, Bloomfield, CT.

The 1021 Blue Hills Avenue facility consists of a 125' Self Support Tower owned and operated by SBA Towers LLC. In order to accommodate technological changes and enhance system performance in the State of Connecticut, T-Mobile plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

As part of T-Mobile's modernization project, T-Mobile desires to upgrade their equipment to meet the new standards of 4G technology. The new equipment will allow customers to download files and browse the internet at a high rate of speed while also allowing their phones to be compatible with the latest 4G technology.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in T-Mobile's operations at the site along with the required fee of \$625.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be



significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The overall height of the structure will be unaffected.

- 2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than the new equipment cabinets.
- 3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.
- 4. The changes in radio frequency power density will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, SBA Communications on behalf of T-Mobile, respectfully submits that he proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (508) 614-0389 with any questions you may have concerning this matter.

Thank you

Rick Woods

SBA Communications Corporation

33 Boston Post Road West Suite 320

Marlborough, MA 01752

508-251-1691 x 319 + T

508-251-1755 + F

508-614-0389 + C

rwoods@sbasite.com



T-Mobile Equipment Modification

1021 Blue Hills Avenue, Bloomfield, CT Site number CT11162B

Tower Owner:

SBA Towers LLC

Equipment Configuration:

Self Support Tower

Current and/or approved:

• (6) EMS RV90-17-00 w/Mount Pipe

• (3) RFS APX16PV-16PVL-C w/Mount Pipe

• (9) Andrew OneBase Twin TMAS

• (18) 1-5/8" Coax

Planned Modifications:

- (3) Ericsson AIR B2A/B4P w/Mount Pipe
- (3) Ericsson AIR B4A/B2P w/Mount Pipe
- (3) Ericsson KRY 112 144/1 TMDs
- (12) 1-5/8" Coax
- (1) 1-5/8" Fiber
- Cable

Structural Information:

The attached structural analysis demonstrates that the tower and foundation will have adequate structural capacity to accommodate the proposed modifications.

Power Density:

The anticipated Maximum Composite contributions from the T-Mobile facility are 0.736% of the allowable FCC established general public limit. The anticipated composite MPE value for this site assuming all carriers present is 54.246% of the allowable FCC established general public limit sampled at the ground level.

Site Composite MPE %					
Carrier	MPE %				
T-Mobile	0.736%				
AT&T	3.400%				
Verizon Wireless	6.740%				
Metro PCS	21.610%				
Clearwire	1.340%				
Nextel	3.960%				
XM	1.480%				
PageNet	0.740%				
Blue Hills Fire Dept.	14.240%				
Total Site MPE %	54.246%				



October 24, 2013

Mayor Sydney Schulman Town of Bloomfield Bloomfield Town Hall 800 Bloomfield Avenue Bloomfield, CT 06002



RE: Telecommunications Facility @ 1021 Blue Hills Avenue, Bloomfield, CT

Dear Mayor Schulman,

In order to accommodate technological changes and enhance system performance in the State of Connecticut, T-Mobile will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies (R.C.S.A.) Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review T-Mobile's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes T-Mobile's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (508) 614-0389.

Thank you,

Rick Woods

SBA Communications Company

33 Boston Post Road West Suite 320

Marlborough, MA 01752

508-251-1691 x 319 + T

508-251-1755 + F

508-614-0389 + C

rwoods@sbasite.com



FDH Engineering, Inc., 6521 Meridien Drive Raleigh, NC 27616, Ph. 919.755.1012

Structural Analysis for SBA Network Services, Inc.

125' Self-Support Tower

SBA Site Name: Bloomfield SBA Site ID: CT01725-A-04 T-Mobile Site Name: Bloomfield

FDH Project Number 13SCG71400

Analysis Results

	Allary old I todalto	
Tower Components	98.3%	Sufficient
Foundation	83.1%	Sufficient

Prepared By:

Gregory C Clutter Project Engineer

Mug C. Oth

Reviewed By:

Christopher M. Murphy

Christopher M. Murphy, PE President CT PE License No. 25842

FDH Engineering, Inc. 6521 Meridien Drive Raleigh, NC 27616 (919) 755-1012 info@fdh-inc.com

September 25, 2013



TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
Conclusions	3
Recommendations	3
APPURTENANCE LISTING	
RESULTS	6
GENERAL COMMENTS	
LIMITATIONS	
APPENDIX	

EXECUTIVE SUMMARY

At the request of SBA Network Services, Inc., FDH Engineering, Inc. performed a structural analysis of the existing self-supported tower located in Bloomfield, CT to determine whether the tower is structurally adequate to support both the existing and proposed loads pursuant to the Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, TIA/EIA-222-F and 2005 Connecticut Building Code. Information pertaining to the existing/proposed antenna loading, current tower geometry, the member sizes, soil parameters, and foundation dimensions was obtained from:

Fred A. Nudd Corporation (Project No. 5566A) original design drawings dated March 11, 1998
FDH Engineering, Inc. (Project No. 12-06690E G1) Geotechnical Evaluation of Subsurface Conditions dated
August 10, 2012
SBA Network Services, Inc.

The basic design wind speed per the TIA/EIA-222-F standards and 2005 Connecticut Building Code is 80 mph without ice and 28 mph with 1" radial ice. Ice is considered to increase in thickness with height.

Conclusions

With the existing and proposed antennas from T-Mobile in place at 125 ft, the tower meets the requirements of the *TIA/EIA-222-F* standards and *2005 Connecticut Building Code* provided the **Recommendations** listed below are satisfied. Furthermore, provided the foundations were constructed per the original design drawings (see Fred A. Nudd Corp. Project No. 5566A) and utilizing the existing soil parameters (see FDH Engineering, Inc. Project No. 12-06690E G1), the foundations should have the necessary capacity to support the existing and proposed loading. For a more detailed description of the analysis of the tower, see the **Results** section of this report.

Our structural analysis has been performed assuming all information provided to FDH Engineering, Inc. is accurate (i.e., the steel data, tower layout, existing antenna loading, and proposed antenna loading) and that the tower has been properly erected and maintained per the original design drawings.

Recommendations

To ensure the requirements of the *TIA/EIA-222-F* standards and *2005 Connecticut Building Code* are met with the existing and proposed loading in place, we have the following recommendations:

- 1. The feedlines must be installed as shown in Figure 1.
- 2. RRH/RRU stipulation: the proposed equipment may be installed in any arrangement as determined by the client.

APPURTENANCE LISTING

The proposed and existing antennas with their corresponding cables/coax lines are shown in **Table 1**. If the actual layout determined in the field deviates from the layout, FDH Engineering, Inc. should be contacted to perform a revised analysis.

Table 1 - Appurtenance Loading

Existing Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
135	(3) Celwave PD455 Dipoles (2) 20' Omnis	(1) 1-1/4" (2) 1/2" (2) 7/8"	Blue Hills Fire & PD	125	(1) Diotore will be ducile
125	(6) EMS RV90-17-00 w/ Mount Pipe (3) RFS APX16PV-16PVL-C w/ Mount Pipe (9) Andrew OneBase Twin TMAS	(18) 1-5/8"	T-Mobile	125	(1) Platform w/ Handrails
120	(9) Decibel DB844H90E-XY w/ Mount Pipe (3) Kathrein 840 10054 w/ Mount Pipe (3) Samsung U-RAS RRUs (2) Andrew VHLP2.5 Dishes (2) Dragonwave Horizon Duo ODUs	(12) 1-1/4" (2) 1/2" (7) 5/16"	Nextel/ Clearwire	120	(3) T-Frames
110	(6) Antel LPA-80063/4CF w/ Mount Pipe (3) Antel LPA-171063/8CF w/ Mount Pipe (1) Antel BXA-70080/4CF w/ Mount Pipe (2) Swedcom SLCP 2x6014F w/ Mount Pipe (2) GPS	(18) 1-5/8" (2) 1/2"	Verizon	107	(3) T-Frames
98	(6) Powerwave 7770.00 w/ Mount Pipe (1) KMW AM-X-CD-16-65-00T-RET w/ Mount Pipe (2) Andrew SBNH-1D6565C w/ Mount Pipe (6) Powerwave LGP21401 TMAs (6) Ericsson RRUS-11 RRUs (6) Powerwave LGP21903 Diplexers	(12) 7/8" (1) 3" Flex Conduit (2) 3/4" DC Power (1) 3/8" Fiber	New Cingular	98	(3) T-Frames
96	(1) Raycap DC6-48-60-18-8F Surge Arrestor			96	Direct Mount
87	(3) RFS APXVSPP18-C-A20 w/ Mount Pipe (3) ALU 1900 MHz RRHs (3) ALU 800 MHz RRHs (3) ALU 800 MHz Filters (4) RFS ACU-A20-N RETs	(3) 1-1/4" Fiber	Sprint	87	(3) T-Frames
75	(3) RFS APXV18-206517S-C w/ Mount Pipe	(6) 1-5/8"	Pocket	75	Direct Mount
51	(1) 2' Omni			50	(1) Standoff

Proposed Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
125	(3) Ericsson AIR B2A/B4P w/ Mount Pipe(3) Ericsson AIR B4A/B2P w/ Mount Pipe(3) Ericsson KRY 112 144/1 TMDs	(12) 1-5/8" (1) 1-5/8" Fiber Cable	T-Mobile	125	(1) Platform w/ Handrails

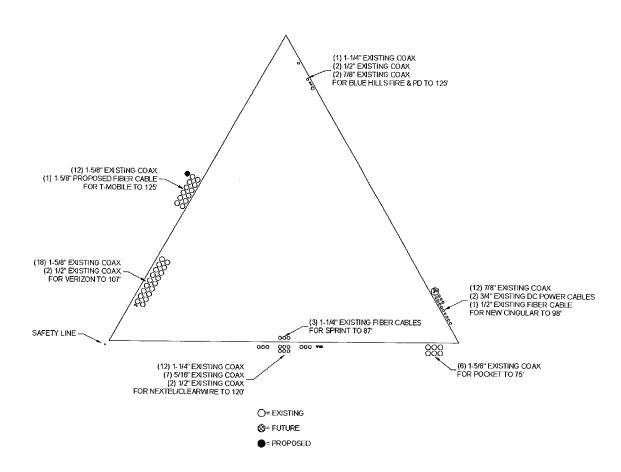


Figure 1 - Feedline Layout

RESULTS

The following yield strength of steel for individual members was used for analysis:

Table 2 - Material Strength

Member Type	Yield Strength
Legs	55 ksi
Bracing	36 ksi

Table 3 displays the summary of the ratio (as a percentage) of force in the member to their capacities. Values greater than 100% indicate locations where the maximum force in the member exceeds its capacity. *Note: Capacities up to 100% are considered acceptable.* **Table 4** displays the maximum foundation reactions. **Table 5** displays maximum tilt and twist at service wind speed.

If the assumptions outlined in this report differ from actual field conditions, FDH Engineering, Inc. should be contacted to perform a revised analysis. Furthermore, as no information pertaining to the allowable twist and sway requirements for the existing or proposed appurtenances was provided, deflection and rotation were not taken into consideration when performing this analysis.

See the **Appendix** for detailed modeling information

Table 3 - Summary of Working Percentage of Structural Components

Section No.	Elevation ft	Component Type	Size	% Capacity*	Pass Fail
T1	125 - 120	Leg	P2.5x.203 (2.88 OD)	12.0	Pass
		Diagonal	5/8	40.1	Pass
		Horizontal	L1 1/2x1 1/2x3/16	37.7 46.8 (b)	Pass
		Top Girt	L1 1/2x1 1/2x3/16	17.9	Pass
		Bottom Girt	L1 1/2x1 1/2x3/16	22.3	Pass
T2	120 - 100	Leg	P2.5x.203 (2.88 OD)	73.2	Pass
		Diagonal	L1 1/2x1 1/2x3/16	61.2 82.7 (b)	Pass
		Top Girt	L1 1/2x1 1/2x3/16	9.2 15.3 (b)	Pass
T3	100 - 80	Leg	P3.5x.226 (4.00 OD)	85.0	Pass
		Diagonal	L2x2x3/16	52.7 87.7 (b)	Pass
T4	80 - 60	Leg	P5x.258 (5.563 OD)	76.9	Pass
		Diagonal	L2 1/2x2 1/2x3/16	46.1 98.3 (b)	Pass
T5	60 - 40	Leg	P6x.28 (6.625 OD)	73.0	Pass
		Diagonal	L2 1/2x2 1/2x3/16	55.0 73.7 (b)	Pass
T6	40 - 30	Leg	P6x.28 (6.625 OD)	84.2	Pass
		Diagonal	L3x3x3/16	53.1 75.8 (b)	Pass
T7	30 - 20	Leg	P6x.28 (6.625 OD)	95.8	Pass
		Diagonal	L3x3x3/16	55.5 75.2 (b)	Pass
T8	20 - 0	Leg	P8x.322 (8.625 OD)	68.2	Pass
		Diagonal	L3 1/2x3 1/2x1/4	33.0	Pass

Section No.	Elevation ft	Component Type	Size	% Capacity*	Pass Fail
				61.8 (b)	

Capacities include a 1/3 allowable stress increase for wind.

Table 4 - Maximum Base Reactions

Load Type	Direction	Current Analysis (TIA/EIA-222-F)*	Original Design (EIA/TIA-222-E)
Individual Foundation	Horizontal	17 k	
	Uplift	194 k	168 k
	Compression	217 k	178 k
Overturning Moment	<u></u>	2,238 k-ft	

^{*}Foundation determined adequate per independent analysis.

Table 5 - Maximum Antenna Rotations at Service Wind Speeds

Centerline Elevation (ft)	Antenna	Tilt (deg)*	Twist (deg)*
120	(2) Andrew VHLP2.5 Dishes	0.4525	0.0076

^{*}Tilt and Twist to be reviewed by the carrier.

GENERAL COMMENTS

This engineering analysis is based upon the theoretical capacity of the structure. It is not a condition assessment of the tower and its foundation. It is the responsibility of SBA Network Services, Inc. to verify that the tower modeled and analyzed is the correct structure (with accurate antenna loading information) modeled. If there are substantial modifications to be made or the assumptions made in this analysis are not accurate, FDH Engineering, Inc. should be notified immediately to perform a revised analysis.

LIMITATIONS

All opinions and conclusions are considered accurate to a reasonable degree of engineering certainty based upon the evidence available at the time of this report. All opinions and conclusions are subject to revision based upon receipt of new or additional/updated information. All services are provided exercising a level of care and diligence equivalent to the standard and care of our profession. No other warranty or guarantee, expressed or implied, is offered. Our services are confidential in nature and we will not release this report to any other party without the client's consent. The use of this engineering work is limited to the express purpose for which it was commissioned and it may not be reused, copied, or distributed for any other purpose without the written consent of FDH Engineering, Inc.

APPENDIX

125.0 ft SR 5/8 ω 120.0 ft P2.5x.203 (2.88 OD) L1 1/2x1 1/2x3/16 L1 1/2x1 1/2x3/16 9.0 8 @ 4.66667 100.0 ft P3.5x.226 (4.00 OD) L2x2x3/16 80.0 ft P5x.258 (5.563 OD) A572-55 L2 1/2x2 1/2x3/16 A36 \triangle 6 @ 6.25 A A 60.0 ft æ 73 P6x.28 (6.625 OD) 40.0 ft 9.5 6.0 30.0 ft 10.25 1 6.0 4 @ 9.33333 20.0 ft 7 P8x.322 (8.625 OD) L3 1/2x3 1/2x1/4 0.0 ft Face Width (ft) # Panels @ (ft) **Bottom Girts** Horizontals Diagonals Top Girts

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Lightning Rod 1/2"x4'	125	GPS	107
Beacon	125	(3) T-Frames MNT	107
PD455 Dipole	125	(2) LGP21903 Diplexer	98
PD455 Dipole	125	(2) LGP21903 Diplexer	98
PD455 Dipole	125	(2) LGP21903 Diplexer	98
20' Omni	125	DC6-48-60-18-8F Surge Arrestor	98
20' Omni	125	(3) T-Frames MNT	98
AIR 21 B2A/B4P w/Mount Pipe	125	(2) 7770.00 w/Mount Pipe	98
AIR 21 B2A/B4P w/Mount Pipe	125	(2) 7770.00 w/Mount Pipe	98
AIR 21 B2A/B4P w/Mount Pipe	125	(2) 7770.00 w/Mount Pipe	98
AIR 21 B4A/B2P w/Mount Pipe	125	AM-X-CD-16-65-00T-RET w/ Mount	98
AIR 21 B4A/B2P w/Mount Pipe	125	Pipe	
AIR 21 B4A/B2P w/Mount Pipe	125	SBNH-1D6565C w/Mount Pipe	98
KRY 112 144/1	125	SBNH-1D6565C w/Mount Pipe	98
KRY 112 144/1	125	(2) LGP21401 TMA	98
KRY 112 144/1	125	(2) LGP21401 TMA	98
(1) Platform w/ Handrails	125	(2) LGP21401 TMA	98
J-RAS Flexible Radio	120	(2) RRUS-11	98
(3) T-Frames MNT	120	(2) RRUS-11	98
(3) DB844H90E-XY w/ Mount Pipe	120	(2) RRUS-11	98
(3) DB844H90E-XY w/ Mount Pipe	120	ACU-A20-N RET	87
3) DB844H90E-XY w/ Mount Pipe	120	(2) ACU-A20-N RET	87
340 10054 w/ Mount Pipe	120	ACU-A20-N RET	87
840 10054 w/ Mount Pipe	120	(3) T-Frames MNT	87
340 10054 w/ Mount Pipe	120	APXVSPP18-C-A20 w/Mount Pipe	87
Horizon Duo	120	APXVSPP18-C-A20 w/Mount Pipe	87
Horizon Duo	120	APXVSPP18-C-A20 w/Mount Pipe	87
J-RAS Flexible Radio	120	1900 MHz RRH	87
J-RAS Flexible Radio	120	1900 MHz RRH	87
/HLP2.5 Dish	120	1900 MHz RRH	87
/HLP2.5 Dish	120	800 MHz RRH	87
2) LPA-80063/4CF w/ Mount Pipe	107	800 MHz RRH	87
2) LPA-80063/4CF w/ Mount Pipe	107	800 MHz RRH	87
2) LPA-80063/4CF w/ Mount Pipe	107	800 MHz Filter	87
.PA-171063/8CF w/ Mount Pipe	107	800 MHz Filter	87
PA-171063/8CF w/ Mount Pipe	107	800 MHz Filter	87
PA-171063/8CF w/ Mount Pipe	107	APXV18-206517S-C w/Mount Pipe	75
BXA-70080/4CF w/ Mount Pipe	107	APXV18-206517S-C w/Mount Pipe	75
SLCP 2x6014F w/ Mount Pipe	107	APXV18-206517S-C w/Mount Pipe	75
SLCP 2x6014F w/ Mount Pipe	107	2' Omni	50
SPS	107	(1) Standoff MNT	50

SYMBOL LIST

MARK	SIZE	MARK	SIZE
Α	L1 1/2x1 1/2x3/16	В	2 @ 2.33333

MATERIAL STRENGTH

	GRADE	Fy	Fu	GRADE	Fy	Fu
MAX. CORN	A572-55	55 ksi	70 ksi	A36	36 ksi	58 ksi

DOWN: 211 N

SHEAR: 17 K

TOWER DESIGN NOTES

UPLIFT: 1. Tower is located in Hartford County, Connecticut.

SHEAR: 2. Tower designed for a 80 mph basic wind in accordance with the TIA/EIA-222-F Standard.

3. Tower is also designed for a 28 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.

AXIAL 4. Deflections are based upon a 50 mph wind.

74 K 5. TOWER RATING: 98.3%

SHEAR MOMENT 488 kip-ft

TORQUE 1 kip-ft 28 mph WIND - 1.0000 in ICE

AXIAL 29 K

SHEAR MOMENT 27 K 2238 kip-ft

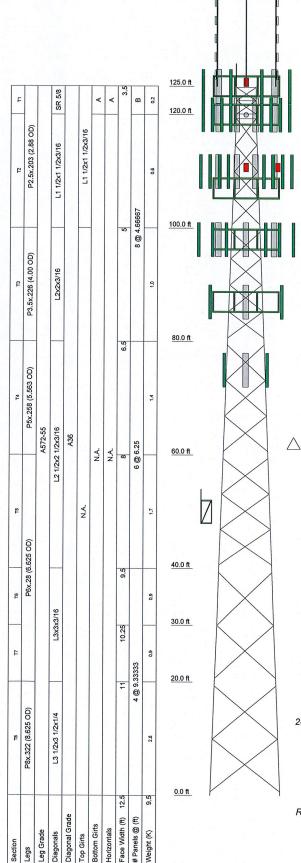
TORQUE 7 kip-ft REACTIONS - 80 mph WIND

FDH Tower Analysis

FDH Engineering, Inc.

6521 Meridien Drive Raleigh, NC 27616 Phone: (919) 755-1012 FAX: (919) 755-1031

J ^{ob:} Bloomfield, CT01725-A	A- <i>04</i>	
Project: 13SCG71400		
Client: SBA Network Services, Inc.	Drawn by: Greg Clutter	App'd:
		Scale: NTS
Path: C:\Users\Greg Clutter\Desktop\Bloomfield, CT\Analysis\B	Boomfield, CT Tower,eri	Dwg No. E-1



SYMBOL LIST

MARK	SIZE	MARK	SIZE
Α	L1 1/2x1 1/2x3/16	В	2 @ 2.33333

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-55	55 ksi	70 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

- Tower is located in Hartford County, Connecticut.
 Tower designed for a 80 mph basic wind in accordance with the TIA/EIA-222-F Standard.
- Tower is also designed for a 28 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
- Deflections are based upon a 50 mph wind. TOWER RATING: 98.3%

MAX. CORNER REACTIONS AT BASE: DOWN: 217 K SHEAR: 17 K

UPLIFT: -194 K SHEAR: 16 K

AXIAL 74 K SHEAR MOMENT 6 K 488 kip-ft

TORQUE 1 kip-ft 28 mph WIND - 1.0000 in ICE AXIAL

29 K SHEAR MOMENT 27 K 2238 kip-ft

TORQUE 7 kip-ft REACTIONS - 80 mph WIND



FDH Engineering, Inc.

6521 Meridien Drive Raleigh, NC 27616 Phone: (919) 755-1012 FAX: (919) 755-1031

Bloomfield, CT01725-	4-04	A Charte
Project: 13SCG71400		
Client: SBA Network Services, Inc.	Drawn by: Greg Clutter	App'd:
Code: TIA/EIA-222-F	Date: 09/25/13	Scale: NTS
Path: C:\Users\Greq Clutter\Desktop\Bloomfield, CT\Analysis\	Bloomfield, CT Tower en	Dwg No. E-1



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

T-Mobile Existing Facility

Site ID: CT11162B

Bloomfield Fire Department 1021 Blue Hills Avenue Bloomfield, CT 06002

October 23, 2013

EBI Project Number: 69131692



October 23, 2013

T-Mobile USA Attn: Jason Overbey, RF Manager 35 Griffin Road South Bloomfield, CT 06002

Re: Emissions Values for Site: CT11162B - Bloomfield Fire Department

EBI Consulting was directed to analyze the proposed T-Mobile facility located at 1021 Blue Hills Avenue, Bloomfield, CT, for the purpose of determining whether the emissions from the Proposed T-Mobile 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 (μ W/cm2). The number of μ W/cm2 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 (μ W/cm2). The general population exposure limit for the cellular band is 567 μ W/cm2, and the general population exposure limit for the PCS band is 1000 μ W/cm2. 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 T-Mobile Wireless antenna facility located at 1021 Blue Hills Avenue, Bloomfield, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, the actual antenna pattern gain value in the direction of the sample area was used. For this report the sample point is a 6 foot person standing at the base of the tower

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

- 1) 2 GSM channels (1935.000 MHz—to 1945.000 MHz) were considered for each sector of the proposed installation.
- 2) 2 UMTS channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 3) 2 LTE channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 4) 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.
- 5) 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.
- 6) The antenna used in this modeling is the Ericsson AIR21 for LTE, UMTS and GSM. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.6 dBd gain value at its main lobe. Actual antenna gain values were used for all calculations as per the manufacturers specifications



- 7) The antenna mounting height centerline of the proposed antennas is **125 feet** above ground level (AGL)
- 8) 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

CT11162B - Bloomfield Fire Department 21 Blue Hills Avenue. Bloomfield CT 06002	Self Support Tower
2B - Bloomfield Fire Department	1021 Blue Hills Avenue, Bloomfield, CT 06002
	2B - Bloomfield Fire Department

	Power Density Percentage	0.12269%	0.00000%	0.06134%	0.06134%			Power	Density Percentage	0.12269%	0.00000%	0.06134%	0.06134%			Power Density	Percentage	0.12269%	0.00000%	0.06134%	0.06134%						
	Power Density Value	1.226855	0	0.613428	0.613428			Power	Density Value	1.226855	0	0.613428	0.613428			Power		1.226855	0	0.613428	0.613428						
	ER. P	48.326044	0	24.163022 0.613428	24.163022	0.245%			ERP	48.326044	0	24.163022 0.613428	24.163022	0.245%			ERP	48.326044	0	24.163022	7	0 245%					
	Cable Loss Additional (dB)	0	0	0	0	Sector total Power Density Value:			Cable Loss Additional (dB) Loss	0	0	0	0	Sector total Power Density Value:		Cable Loss Additional	Loss	0	0	0	0	Sector total Power Density Value:					
			0	0	0	al Power De		-		0	0	0	0	al Power De		Cable Loss		0	0	0	0	a Power De					
	Cable Size	None	None	1-5/8"	1-5/8"	Sector tot			Cable Size	None	None	1-5/8"	1-5/8"	Sector tota			Cable Size	None	None	1-5/8"	1-5/8"	Sector total					
	analysis height	119	119	119	119			200220000000000000000000000000000000000	analysis	119	119	119	119			analvsis		119	119	119	119						
	Antenna Height (ft)	125	125	125	125			SERVICE STATE OF THE SERVICE S	Antenna Height (ft)	125	125	125	125			Antenna	Height (ft)	125	125	125	125						
	Antenna Gain in direction of sample Antenna point (dBd) Height (ft)	-3.95	-3.95	-3.95	-3.95		Sector 2	Sector 2	Sector 2			Antenna Gain in direction	of sample point (dBd)	-3.95	-3.95	-3.95	-3.95			Antenna Gain in direction of sample	point (dBd)	-3.95	-3.95	-3.95	-3.95		
Sector 1	Composite	120	0	09	09						Channels Power	120	0	09	09		Sector 3	Number of Composite	Power	120	0	9	09				
ÿ	Number of Channels	2		2	2					ŭ	S		Number or Channels	2		2	2		S	Number of	Channels	2		2	2		
	Power Out Per Channel (Watts)	09	Sandra St.	08	30			Power Out Per	(Watts)	09		30	30			Power Out Per Channel	(Watts)	- 60		30	30						
	Technology	LTE		GSM / UMTS	UMTS				Technology	31.7	-	GSM / UMTS	UMTS				Technology	LTE	-	GSM / UMTS	UMTS						
	Frequency Band	AWS - 2100 MHz	•	PCS - 1950 MHz	AWS - 2100 MHz					Frequency Band	AWS - 2100 MHz		PCS - 1950 MHz	AWS - 2100 MHz				Frequency Band	AWS - 2100 MHz		PCS - 1950 MHz	AWS - 2100 MHz					
	Status	Active	Not Used	Active	Passive									Status	Active	Not Used	Active	Passive				Status	Active	Not Used	Active	Passive	
	Antenna Model	AIR21 B4A/B2P	AIR21 B4A/B2P	AIR21 B2A / B4P	AIR21 B2A / B4P									Number Antenna Make Antenna Model	AIR21 B4A/B2P	AIR21 B4A/B2P	AIR21 B2A / B4P	AIR21 B2A / B4P				Antenna Model	AIR21 B4A/B2P	AIR21 B4A/B2P	AIR21 B2A / B4P	AIR21 B2A / B4P	
	Antenna Number Antenna Make	Ericsson	Ericsson	Ericsson	Ericsson				Antenna Make	Ericsson	Ericsson	Ericsson	Ericsson				Number Antenna Make	Ericsson	Ericsson	Ericsson	Ericsson						
	Antenna Number	. 1a	19	2a	28			Antenna	Number	1a	1b	2a	28			Antenna	Number	1a	1b	Za	28	Section of the State of the Sta					

Proposition of the Company of the Co	THE RESIDENCE OF THE PROPERTY
Carrier	MPE%
T-Mobile	0.736%
AT&T	3.400%
Verizon Wireless	6.740%
Metro PCS	21.610%
Clearwire	1.340%
Nextel	3.960%
WX	1.480%
PageNet	0.740%
Blue Hills Fire Dept.	14.240%
Total Site MPE %	54.246%



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 T-Mobile facility are **0.736%** (**0.245% 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 **54.246**% 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.

Tel: (781) 273.2500

Fax: (781) 273.3311

1100

Scott Heffernan RF Engineering Director

EBI Consulting

21 B Street

Burlington, MA 01803

PROJECT INFORMATION SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS T-MOBILE EQUIPMENT MODERNIZATION SITE ADDRESS: 1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002 LATITUDE: 41' 49' 12" N (GOOGLE EARTH) LONGITUDE: -72° 41' 47" W (GOOGLE EARTH) JURISDICTION: NATIONAL, STATE & LOCAL CODES OR ORDINANCES ZONING JURISDICTION: BASED ON INFORMATION PROVIDED BY T-MOBILE, THIS TELECOMMUNICATIONS EQUIPMENT DEPLOYMENT IS AN ELIGIBLE FACILITY UNDER THE TAX RELIEF ACT OF 2012, 47 USC 1455(A), AND IS SUBJECT TO AN EXPEDITED ELIGIBLE FACILITIES REQUEST/REVIEW AND ZONING PRE-EMPTION FOR LOCAL DISCRETIONARY PERMITS (VARIANCE, SPECIAL PERMIT, SITE PLAN REVIEW).

TELECOMMUNICATIONS FACILITY

TELECOMMUNICATIONS FACILITY

2C(LITE) EXTRA FIBER (BOM)

SBA TOWERS LLC

CT01725-A

BLOOMFIELD

2C

SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

SITE NUMBER: CT11162B

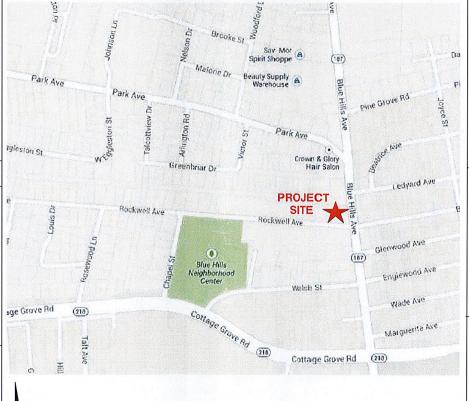
	DRAWING INDEX	REV
T-1	TITLE SHEET	0
GN-1	GENERAL NOTES	0
A-1	COMPOUND PLAN AND ELEVATION	0
A-2	PLANS AND ANTENNA SCHEDULES	0
A-3	DETAILS	0
G-1	GROUNDING, ONE-LINE DIAGRAM & DETAILS	0
		No. 10 VI. 15 The Control of the Con

SIGNATURES

CONSTRUCTION DATE OPERATIONS DATE

RF ENGINEERING DATE TOWER OWNER DATE

ZONING / SITE ACQ. DATE



LOCUS MAP

1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF T-MOBILE NORTHEAST, LLC. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.

GENERAL NOTES

2. THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.

3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE T-MOBILE REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SPECIAL STRUCTURAL NOTES:

1. TOWER OWNER SHALL PROVIDE GLOBAL STRUCTURAL STABILITY ANALYSIS OF EXISTING ANTENNA SUPPORT STRUCTURE. GENERAL CONTRACTOR SCOPE OF WORK SHALL INCLUDE ALL REQUIRED STRUCTURAL MODIFICATIONS, RE-BUNDLING OF COAXIAL CABLES OR OTHER SPECIAL MODIFICATIONS AS OUTLINED THEREIN.

2. STRUCTURAL DESIGNS AND DETAILS FOR ANTENNA MOUNTS COMPLETED BY ADVANCED ENGINEERING GROUP, P.C. ON BEHALF OF T-MOBILE ARE INCLUSIVE OF THE ENTIRE ANTENNA SUPPORT STRUCTURE (GLOBAL STRUCTURAL STABILITY ANALYSIS BY OTHERS), EXISTING TOWER PLATFORM, EXISTING ANTENNA MOUNTS AND ALL OTHER ASPECTS OF THE STRUCTURE THAT WILL SUPPORT THE T-MOBILE MODERNIZATION EQUIPMENT DEPLOYMENT AS DEPICTED HEREIN OR BE RESPONSIBLE FOR SAME.



CALL

BEFORE YOU DIG

CALL TOLL FREE 811 OR 922-4455

UNDERGROUND SERVICE ALERT



CURRENT USE:

PROPOSED USE:

TOWER OWNER:

SBA SITE ID:

SBA NAME:

DESIGN GUIDELINE:



SBA COMMUNICATIONS CORPORATION 33 BOSTON POST ROAD WEST, SUITE 320 MARLBOROUGH, MA 01752 PHONE: 508-366-5505

SITE NUMBER: CT11162B SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 OFFICE: (860) 648-1116

									T-MOBIL
0	09/09/13		CONSTRUCTION		BDJ	MRC	MRC		TITLE SHEET
NO.	DATE		REVISIONS		BY	СНК	APP'D	JOB NUMBER	DRAWING NUMBE
SCA	LE: AS SHO	OWN	DESIGNED BY: MRC	DRAW	N BY:	BDJ		CT11162B	T-1

GENERAL NOTES

- 1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS. AND ORDINANCES.
- 2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- 3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE LESEE/LICENSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK, IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
- 4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- 5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.
- 7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
- 9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- 12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 13. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

- 14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
- 15. THE CONTRACTOR SHALL NOTIFY THE LESEE/LICENSEE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE LESEE/LICENSEE REPRESENTATIVE.
- 16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- 17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455
- 18. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS SHOWN HEREIN.
- 19. ALL DIMENSIONS SHOWN THUS ± ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WHICH EFFECT THE CONTRACTORS WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH PROJECT OWNER PRIOR TO CONSTRUCTION.
- 20. NORTH ARROW SHOWN ON PLANS REFERS TO APPROXIMATE TRUE NORTH. PRIOR TO THE START OF CONSTRUCTION, ORDERING OR FABRICATING OF ANTENNA MOUNTS, CONTRACTOR SHALL CONSULT WITH PROJECT OWNER'S RF ENGINEER AND FIELD VERIFY ALL ANTENNA SECTOR LOCATIONS AND ANTENNA AZIMUTHS.
- 21. THE CONTRACTOR AND OR HIS SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- 22. ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES AND SUPPORT STRUCTURES.
- 23. COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE PROVIDED BY THE PROJECT OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. A SCHEDULE OF PROJECT OWNER SUPPLIED MATERIALS IS ATTACHED TO THE BID DOCUMENTS (SEE EXHIBIT 3). ALL OTHER HARDWARE TO BE PROVIDED BY THE CONTRACTOR. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.
- 24. WHEN "PAINT TO MATCH" IS SPECIFIED FOR ANTENNA CONCEALMENT, PAINT PRODUCT FOR ANTENNA RADOME SHALL BE SHERWIN WILLIAMS COROTHANE II. SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND PROJECT OWNER'S GUIDELINE'S.
- 25. COORDINATION, LAYOUT, AND FURNISHING OF CONDUIT, CABLE AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 26. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
- 27. ALL (E)ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

- 28. ALL (E)INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF UTILITY COMPANY ENGINEERING. THE AREAS OF THE PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT, DRIVEWAY OR
- 29. GRAVEL, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED AND COVERED WITH MULCH UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SOIL EROSION AND SEDIMENTATION CONTROLS AT ALL TIMES
- 30. DURING CONSTRUCTION. PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS
- 31. FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER'S IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS

BUILDING CODE: CONNECTICUT STATE BUILDING CODE 2005 EDITION AND AMENDMENTS

ELECTRICAL CODE: NEC 2011 AND AMENDMENTS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION;

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL

ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES; REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC ELECTRICAL STANDARDS.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ELECTRICAL AND GROUNDING NOTES

- 1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
- 2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.
- 3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED FLECTRICAL SYSTEM
- 4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
- 5. ELECTRICAL AND TELCO WIRING OUTSIDE A BUILDING AND EXPOSED TO WEATHER SHALL BE IN WATER TIGHT GALVANIZED RIGID STEEL CONDUITS OR SCHEDULE 80 PVC (AS PERMITTED BY CODE) AND WHERE REQUIRED IN LIQUID TIGHT FLEXIBLE METAL OR NONMETALLIC CONDUITS.
- 6. BURIED CONDUIT SHALL BE SCHEDULE 40 PVC.
- 7. ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THWN, OR THHN INSULATION.
- 8. RUN ELECTRICAL CONDUIT OR CABLE BETWEEN ELECTRICAL UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE PPC AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE. COORDINATE INSTALLATION WITH UTILITY COMPANY.
- 9. RUN TELCO CONDUIT OR CABLE BETWEEN TELEPHONE UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE TELCO CABINET AND BTS CABINET AS INDICATED ON THIS DRAWING, PROVIDE FULL LENGTH PULL ROPE AND GREENLEE CONDUIT MEASURING TAPE IN EACH INSTALLED TELCO CONDUIT.
- 10. WHERE CONDUIT BETWEEN BTS AND PROJECT OWNER CELL SITE PPC AND BETWEEN BTS AND PROJECT OWNER CELL SITE TELCO SERVICE CABINET ARE UNDERGROUND USE PVC, SCHEDULE 40 CONDUIT. ABOVE THE GROUND PORTION OF THESE CONDUITS SHALL BE PVC CONDUIT.
- 11. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.
- 12. PPC SUPPLIED BY PROJECT OWNER.
- 13. GROUNDING SHALL COMPLY WITH NEC ART. 250. ADDITIONALLY, GROUNDING, BONDING AND LIGHTNING PROTECTION SHALL BE DONE IN ACCORDANCE WITH "T-MOBILE BTS SITE GROUNDING STANDARDS".
- 14. GROUND COAXIAL CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.

- 15. USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
- 16. ALL GROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD. DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.
- 17. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY METAL OBJECTS WITHIN 6 FEET OF PROJECT OWNER EQUIPMENT OR CABINET TO MASTER GROUND BAR OR GROUNDING RING.
- 18. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
- 19. BOND ANTENNA MOUNTING BRACKETS, COAXIAL CABLE GROUND KITS. AND ALNA TO EGB PLACED NEAR THE ANTENNA LOCATION.
- 20. APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTIONS.
- 21. CONTRACTOR SHALL PROVIDE AND INSTALL OMNI DIRECTIONAL ELECTRONIC MARKER SYSTEM (EMS) BALLS OVER EACH GROUND ROD AND BONDING POINT BETWEEN EXISTING TOWER/ (E) MONOPOLE GROUNDING RING AND EQUIPMENT GROUNDING RING.
- 22. CONTRACTOR SHALL TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE—OUT DOCUMENTATION, 5 OHMS MAXIMUM RESISTANCE REQUIRED.
- 23.CONTRACTOR SHALL CONDUCT ANTENNA, COAX, AND LNA RETURN-LOSS AND DISTANCE- TO-FAULT MEASUREMENTS (SWEEP TESTS) AND RECORD RESULTS FOR PROJECT CLOSE OUT.



ABBREVIATIONS ABOVE GRADE LEVEL GENERAL CONTRACTOR RF RADIO FREQUENCY AMERICAN WIRE GAUGE MGR MASTER GROUND BUS BARE COPPER WIRE MIN MINIMUM TBD TO BE DETERMINED BTS BASE TRANSCEIVER STATION (P) PROPOSED/NEW TBR TO BE REMOVED **EXISTING** N.T.S. NOT TO SCALE TBRR TO BE REMOVED AND REPLACED **EQUIPMENT GROUND** EG REF REFERENCE TYP TYPICAL EQUIPMENT GROUND RING REQUIRED REQ





SBA COMMUNICATIONS CORPORATION 33 BOSTON POST ROAD WEST, SUITE 320 MARLBOROUGH, MA 01752 PHONE: 508–366–5505

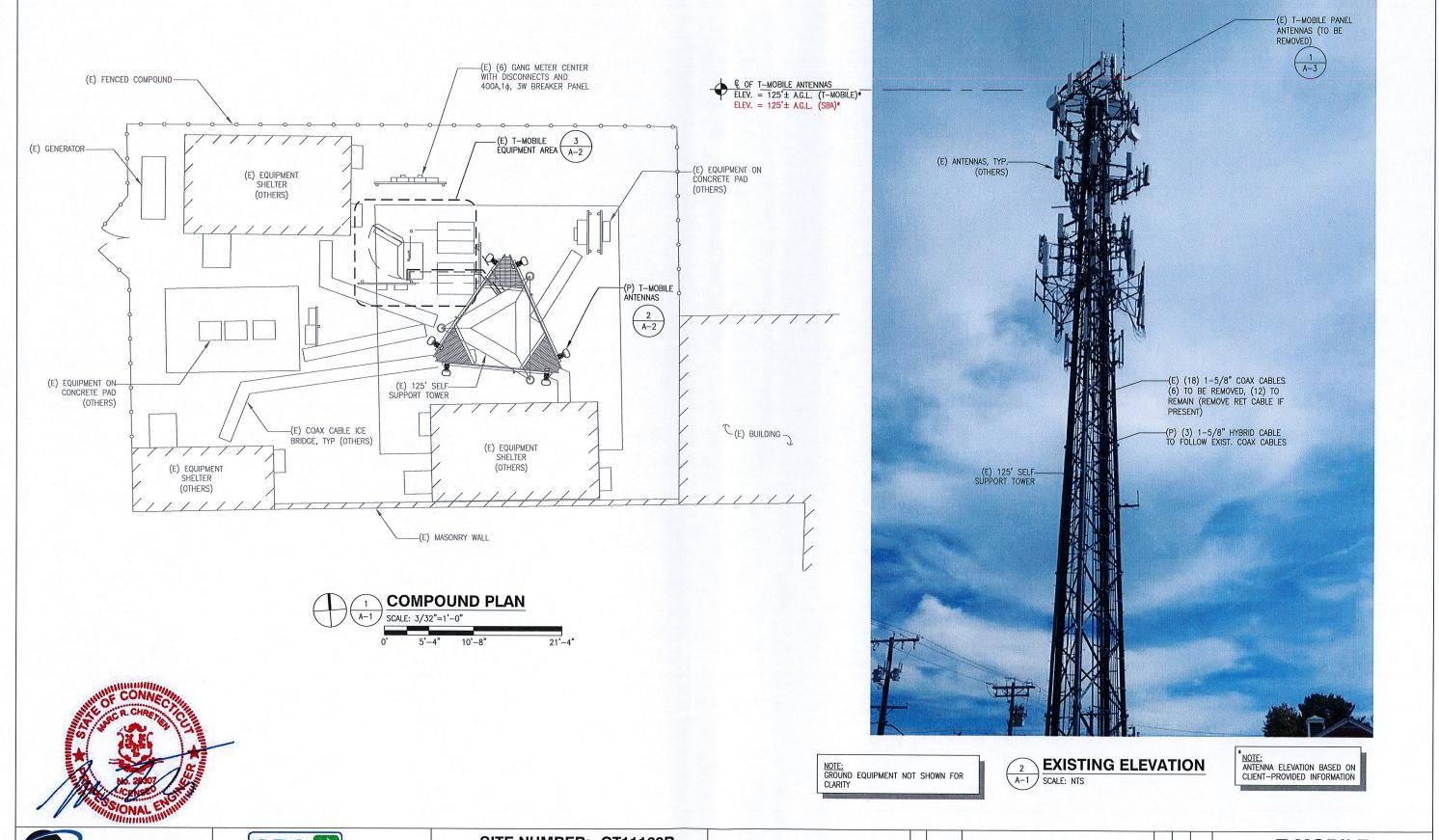
SITE NUMBER: CT11162B SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 OFFICE: (860) 648-1116

									T-MOBILE	
0	09/09/13 CONSTRUCTION			BDJ	MRC	MRC		GENERAL NOTES		
NO.	DATE	REVISIONS		r leg	BY	СНК	APP'D	JOB NUMBER	DRAWING NUMBER	REV
SCA	LE: AS SH	HOWN	DESIGNED BY: MRC	DRAW	N BY:	BDJ	-	CT11162B	GN-1	0



ENGINEERING GROUP, P.C.
Civil Engineering - Site Development Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
FAX: (401) 633–6354

SBA 🕦

SBA COMMUNICATIONS CORPORATION 33 BOSTON POST ROAD WEST, SUITE 320 MARLBOROUGH, MA 01752 PHONE: 508-366-5505

SITE NUMBER: CT11162B SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

T-MOBILE NORTHEAST LLC

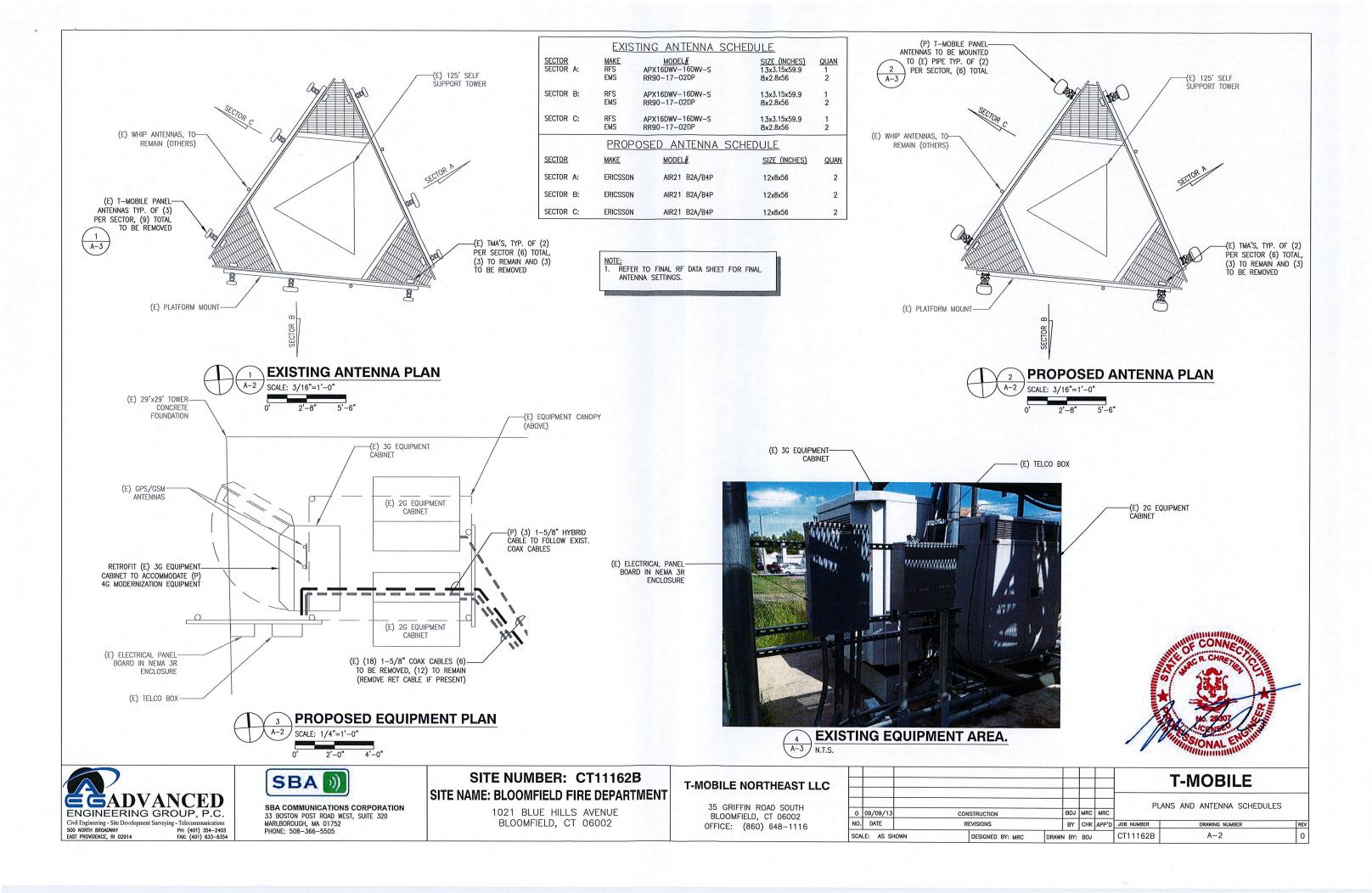
35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 OFFICE: (860) 648-1116

	0.0			9.00.00						
	1					1534				
	0	09/09/13		co	NSTRUCTION	B		MRC	MRC	
	NO.	DATE			REVISIONS	BY	снк	APP'D	JOB NUMBER	
	SCA	LE: AS SH	IOWN		DESIGNED BY: MRC	DRAW	N BY:	BDJ		CT111628

T-MOBILE

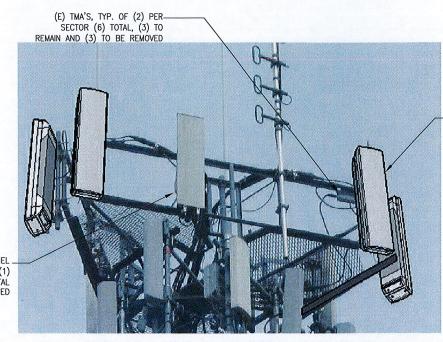
COMPOUND PLAN AND ELEVATION

CT11162B A-1 0



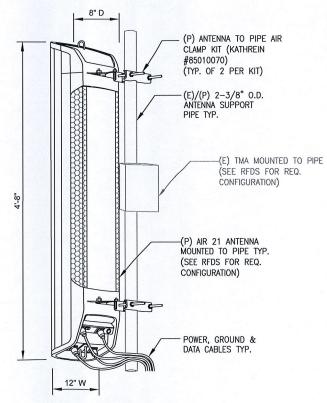
(E) TMA'S, TYP. OF (2) PER—SECTOR (6) TOTAL, (3) TO REMAIN AND (3) TO BE REMOVED

—(E) T-MOBILE PANEL
ANTENNAS TYP. OF (3)
PER SECTOR, (9) TOTAL
TO BE REMOVED



(E) T-MOBILE PANEL. ANTENNAS TYP. OF (1) PER SECTOR, (3) TOTAL TO BE REMOVED

EXISTING ANTENNA MOUNT TYP.



PROPOSED ANTENNA MOUNT TYP.

N.T.S.

3 AIR21 ANTENNA MOUNT TYP.
SCALE: NTS



—(P) AIR21 ANTENNA TYP. OF (2) PER SECTOR, (6) TOTAL

 $\begin{pmatrix} 3 \\ A-3 \end{pmatrix}$





SBA COMMUNICATIONS CORPORATION 33 BOSTON POST ROAD WEST, SUITE 320 MARLBOROUGH, MA 01752 PHONE: 508-366-5505

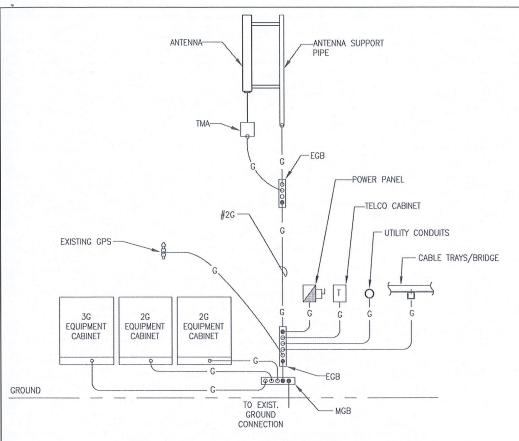
SITE NUMBER: CT11162B SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

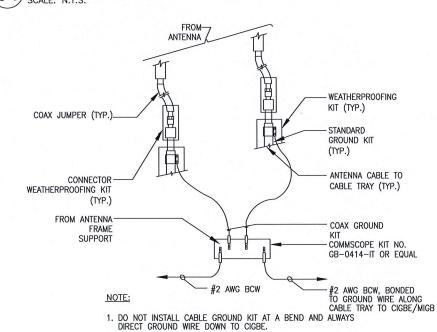
T-MOBILE NORTHEAST LLC

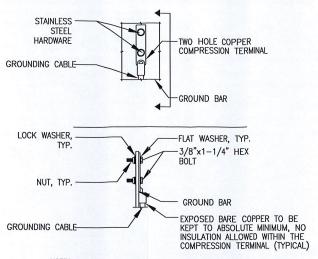
35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 OFFICE: (860) 648-1116

			CONSTRUCTION					T-MOBILE			
0	09/09/13	CCC				MRC	MRC	DETAILS			
NO.						снк	APP'D	JOB NUMBER	DRAWING NUMBER	REV	
SCA	SCALE: AS SHOWN DESIGNED BY: MRC DRAW				N BY:	BDJ		CT11162B	A-3	0	







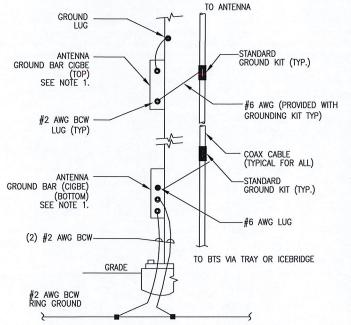


NOTES:

- 1. "DOUBLING UP" OR "STACKING" OF CONNECTION IS NOT PERMITTED.
- OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.
 CADWELD DOWNLEADS FROM UPPER EGB, LOWER EGB, AND MGB.
- 4. ALL GROUND LUGS MUST BE HEAT SHRUNK AT WIRE/LUG CONNECTION

TYPICAL GROUND BAR CONNECTION DETAIL

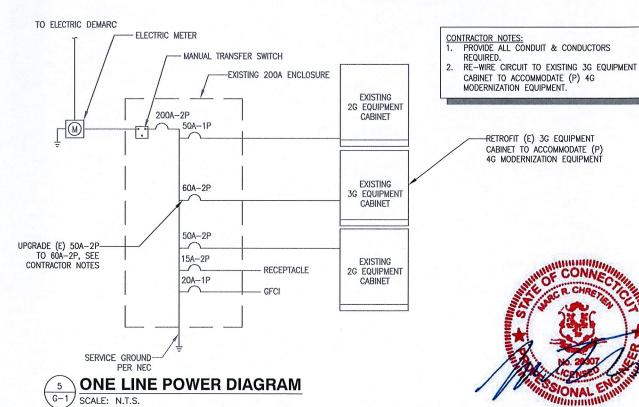
G-1 SCALE: N.T.S.



NOTE:

- 1. NUMBER OF GROUND BARS MAY VARY DEPENDING ON THE TYPE OF TOWER. ANTENNA LOCATION AND CONNECTION ANTENNA LOCATION AND CONNECTION ORIENTATION. PROVIDE AS REQUIRED.
- 2. A SEPARATE GROUND BAR TO BE USED FOR GPS ANTENNA IF REQUIRED.









G-1 SCALE: N.T.S.

SBA COMMUNICATIONS CORPORATION 33 BOSTON POST ROAD WEST, SUITE 320 MARLBOROUGH, MA 01752 PHONE: 508–366–5505

GROUND WIRE TO

GROUND BAR CONNECTION DETAIL

SITE NUMBER: CT11162B SITE NAME: BLOOMFIELD FIRE DEPARTMENT

1021 BLUE HILLS AVENUE BLOOMFIELD, CT 06002

T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 OFFICE: (860) 648-1116

								T-MOBILE			
_	09/09/13	200	ISTRUCTION		BDJ	MRC	MRC	GROUND	DING, ONE-LINE DIAGRAM &	DETAILS	
NO.					BY	-	APP'D	JOB NUMBER	DRAWING NUMBER	REV	
SCALE: AS SHOWN DESIGNED BY: MR				DRAW	N BY:	BDJ		CT11162B	G-1	0	

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 www.ct.gov/csc

October 29, 2013

The Honorable Sydney Schulman Mayor Town of Bloomfield Town Hall 800 Bloomfield Avenue P. O. Box 337 Bloomfield, CT 06002-0337

RE: **EM-T-MOBILE-011-131028** – T-Mobile Northeast LLC notice of intent to modify an existing telecommunications facility located at 1021 Blue Hills Avenue, Bloomfield, Connecticut.

Dear Mayor Schulman:

The Connecticut Siting Council (Council) received a request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72, a copy of which has already been provided to you.

If you have any questions or comments regarding the proposal, please call me or inform the Council by November 12, 2013.

Thank you for your cooperation and consideration.

Very truly yours,

Melanie Bachman

Acting Executive Director

MB/jb

c: Philip K. Schenck, Jr., Town Manager, Town of Bloomfield Thomas B. Hooper, Director of Planning, Town of Bloomfield

