STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION FOR A DECLARATORY	:	PETITION NO.
RULING ON THE NEED TO OBTAIN A	:	
SITING COUNCIL CERTIFICATE FOR THE	:	
PROPOSED MODIFICATION OF AN	:	
EXISTING WIRELESS	:	
TELECOMMUNICATIONS FACILITY AT	:	
344 FIRETOWN ROAD, SIMSBURY,	:	JANUARY 7, 2022
CONNECTICUT		

PETITION FOR A DECLARATORY RULING: INSTALLATION HAVING NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT

I. <u>Introduction</u>

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies ("R.C.S.A."), T-Mobile Northeast, LLC ("T-Mobile") hereby petitions the Connecticut Siting Council (the "Council") for a declaratory ruling ("Petition") that no Certificate of Environmental Compatibility and Public Need ("Certificate") is required under Section 16-50k(a) of the Connecticut General Statutes ("C.G.S.") for the modification of an existing wireless telecommunications facility at 344 Firetown Road, Simsbury, Connecticut (the "Existing Facility").

II. Existing Facility

The Existing Facility is located on an approximately 0.9-acre parcel owned by the Simsbury Fire District. The Facility consists of an 80-foot monopole and associated compound. **Attachment 1** contains the owner's authorization permitting T-Mobile to file this Petition. The Facility was originally approved by the Town of Simsbury Zoning Commission on October 20, 2003, and T-Mobile's shared us of the facility was approved by the Council on June 27, 2006, as documented in **Attachment 2**.

III. <u>T-Mobile Facility</u>

T-Mobile's proposed modification to its facility is illustrated on the plans submitted as **Attachment 3**. T-Mobile proposes to install a new 25kW natural gas generator for emergency back-up power.

T-Mobile's existing ground equipment is located on a concrete pad immediately adjacent to the

existing monopole on the North side. T-Mobile will install the new generator on a proposed 6' x 12' concrete pad on the Southwest side of the monopole. In order to provide the required 3-foot clearance around the generator, T-Mobile will bump-out a 9-foot section of the existing compound by 2-feet with a new section of fence and install new evergreen trees around the extended perimeter. The proposed generator will be fueled via proposed gas piping to be run underground from a new gas meter adjacent to the existing gas service entrance. The generator requires one (1) 12-minute run cycle per week. Specifications for the proposed generator are provided in **Attachment 4**.

IV. The Proposed Modification Will Not Have A Substantial Adverse Environmental Effect

1. <u>Physical Environmental Effects</u>

The installation of T-Mobile's emergency backup generator will not involve a significant alteration to the physical and environmental characteristics of the Property. The installation will alter an existing disturbed area immediately adjacent to the existing compound. No native trees will need to be removed and no on-site or off-site wetlands or watercourses will be impacted by the proposed facility expansion.

2. <u>Visual Effects</u>

Given the height of the existing tower, 80' AGL, and the presence of an existing developed compound area, T-Mobile's proposed generator installation would have a minimal visual impact. The proposed generator will be screened from view from the public right-of-way by the existing compound and will have a minimal visual impact.

3. <u>Noise Effects</u>

The installation of T-Mobile's backup generator will not result in a significant increase in noise from the Existing Facility. Use of the generator to provide emergency back-up power would be exempt from CT DEEP noise control standards under CT General Statutes Section 22a-69-1.8(f), because any noise created would be the result of an emergency. The weekly 12-minute runcycles would not add a significant level of noise from the cell site/property, which already includes at least one other backup generator.

4. FCC Compliance

T-Mobile's proposed modification will not result in a change to radio frequency ("RF") emissions from the existing facility. A new power density calculation table has not, therefore, been provided as part of this filing.

V. Notice to the Municipality, Property Owner and Abutting Landowners

On January 7, 2022, a copy of this Petition was sent to Wendy Mackstutis, First Selectman, Maria Capriola, Town Manager, and Tom Hazel, Assistant Town Planner for the Town of Simsbury. A notice of T-Mobile's intent to file this Petition was also sent to the owners of land that may be considered to abut the Property or are within 200-feet. Included in **Attachment 5** is a

sample abutter's letter and the list of those abutting landowners who were sent notice.

VI. <u>Conclusion</u>

Based on the information provided above, the Petitioners respectfully requests that the Council issue a determination in the form of a declaratory ruling that the installation of a temporary tower at the Property will not have a substantial adverse environmental effect and does not require the issuance of a Certificate of Environmental Compatibility and Public Need pursuant to § 16-50k of the General Statutes.

Respectfully submitted,

Denise Sabo Northeast Site Solutions Agent for AT&T (860) 209-4690 denise@northeastsitesolutions.com

Attachments

Cc: Wendy Mackstutis, First Selectman Town of Simsbury 933 Hopmeadow Street

Maria Capriola, Town Manager Town of Simsbury 933 Hopmeadow Street

Tom Hazel, Assistant Town Planner Town of Simsbury 933 Hopmeadow Street Simsbury, CT 06070

ATTACHMENT 1

Letter of Authorization

Re: T-Mobile Site # CTHA152A - NHP Site Address: 344 Firetown Road, Simsbury, CT 06070 Application for CT Siting Council

To Whom it may concern:

This letter authorizes T-Mobile and it authorized agents from Northeast Site Solutions to file all necessary administrative approvals, zoning approvals and building permits for the purposes of installing and maintaining telecommunications equipment located at 344 Firetown Road, Simsbury, CT 06070 on behalf of T-Mobile.

By: James Baldis 578D3C4978A6444... Name: James Baldis Name: Director of Admin & Facilities

Date: _____



Parcel ID F05 302 001

Property Information

Owner	SIMSBURY FIRE DISTRICT		
Address	344 FIRETOWN ROAD		
Mailing Address	869 HOPMEADOW STREET SIMSBURY , CT 06070		
Land Use	- Fire Station - Volunteer		
Land Class	Public Utility		

Census Tract	4662010
Neighborhood	0215
Zoning	R-40
Acreage	1.29
Utilities	
Lot Setting/ Desc	I



F05-302-001-2L 03/15/2012

Construction Details

Year Built	
Stories	1
Building Style	
Building Use	
Building Condition	Very Good
Total Rooms	0
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	
Bath Style	
Kitchen Style	
Roof Style	
Roof Cover	Asphalt

EXTERIOR WALLS:

	-	
Primary	B. V. Solid	
Secondary		
INTERIOR WAL	LS:	
Primary	Dry Wall	
Secondary		
FLOORS:		
Primary	Hardwood	
Secondary		
HEATING/AC:		
Heating Type	Hot Water	
Heating Fuel	Gas	
АС Туре	Central	
	•	

Buildings

Extras Land Total

Previous

Improvements

BUILDING AREA:	
Effective Building Area	
Gross Building Area	
Total Living Area	3618

SALES HISTORY:

Sale Date	05/03/1963
Sale Price	0
Book/ Page	0142/0236

Outbuildings

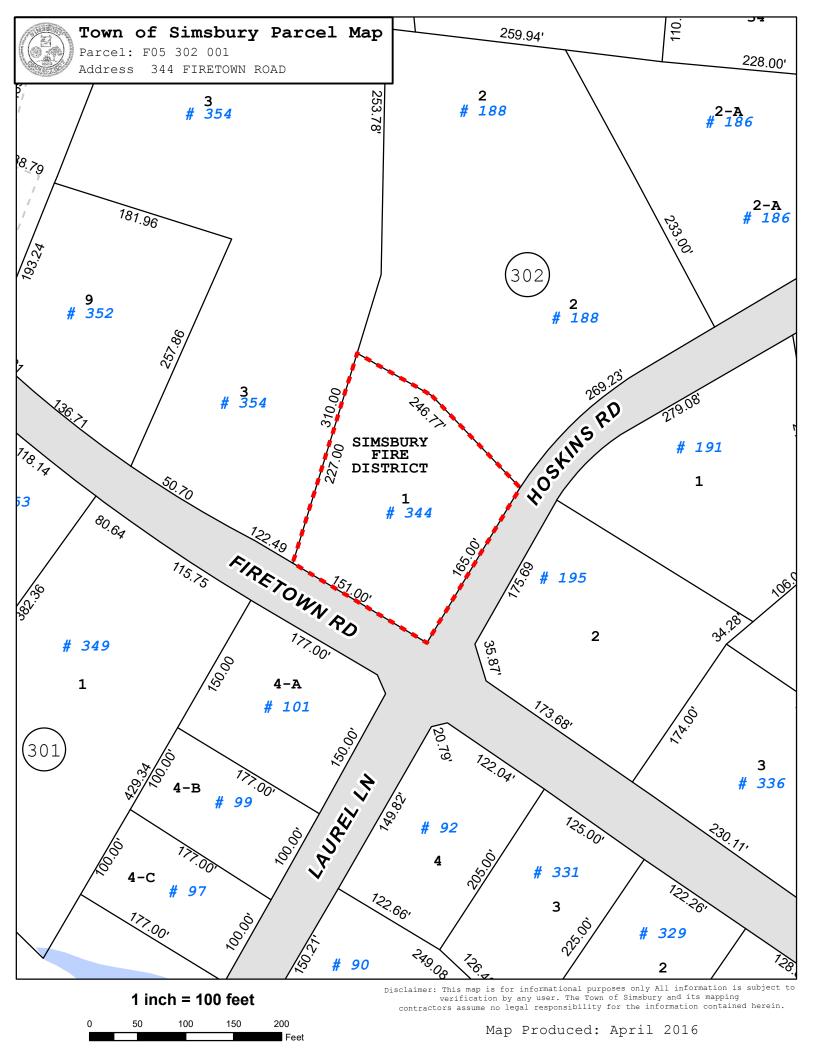
Assessed

739840

PARCEL VALUATIONS (Assessed value = 70% of Appraised Value)

Appraised

1056916



ATTACHMENT 2



Town of Simsbury

933 HOPMEADOW STREET

P.O. BOX 495

SIMSBURY, CONNECTICUT 06070

Office of Community Planning and Development

October 24, 2003

Mr. Kevin Kowalski, Fire Marshal Simsbury Fire District 871 Hopmeadow Street Simsbury, CT 06070

344 Firetown Road **REFERENCE**:

Dear Mr. Kowalski:

The Simsbury Zoning Commission, at a regular meeting held on October 20, 2003, approved your application to change the size of the foundation for a public safety antenna tower and to reduce the height of a public safety antenna tower on property at 344 Firetown Road.

If you have any questions, please call at your convenience.

Very Truly Yours, William S. Voelker, AICP SENDER: COMPLETE THIS SEC Director of Community Planning U.S. Postal Service CERTIFIED MAIL RECEIPT 1 Complete items 1, 2, and 3. Als item 4 if Restricted Delivery is d Print your name and address or so that we can return the card t cc: Department File Attach this card to the back of the **Building Department** or on the front if space permits. Town Clerk 1. Article Addressed to: lu **Engineering Department** Postage LO Mr. Kevin Kowalski m 5 0 Fire Marshal Certified Fee Simsbury Fire Distir **Return Receipt Fee** ant Required) (Endorse 871 Hopmeadow Stree Restricted Delivery Fee (Endorsement Required) Simsbury, CT 06070 🗄 CERTIFIED MAIL NO: 70 **Total Postage & Fees** 1 Sent To Kevin Kowalski, Fire Marshal -Simsbury Fire District Street, Apt. No.; ru 2. Article Number or FO Box No. 871 Hopmeadow Street

(Transfer from service label)

PS Form 3811, August 2001344

Telephone (860) 658-3245 Facsimile (860) 658-3217

www.town.simsbury.ct.us

-

City, State, ZIP+4 Simsbury, CT 06070

ower/pad

An Equal Opportunity Employer 8:30 - 7:00 Monday 8:30 - 4:30 Tuesday through Friday

Postmark

S. Mary

Here



June 29, 2006

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@po.state.ct.us www.ct.gov/csc

Karina Fournier Zoning Department T-Mobile 30 Cold Spring Road Rocky Hill, CT 06067

RE: **TS-T-MOBILE-128-060606** - Omnipoint Communications, Inc. request for an order to approve tower sharing at an existing telecommunications facility located at 344 Firetown Road, Simsbury, Connecticut.

Dear Ms. Fournier:

At a public meeting held June 27, 2006, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures. 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. Any additional change to this facility may require an explicit request to this agency pursuant to General Statutes § 16-50aa or notice pursuant to Regulations of Connecticut State Agencies Section 16-50j-73, as applicable. Such request or 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. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction. Please be advised that the validity of this action shall expire one year from the date of this letter.

The proposed shared use is to be implemented as specified in your letter dated June 6, 2006, including the placement of all necessary equipment and shelters within the tower compound.

Thank you for your attention and cooperation.

truly yours Chairman

PBK/laf

c: The Honorable Thomas E. Vincent, First Selectman, Town of Simsbury John Loomis, Chairman of the Planning Commission, Town of Simsbury Simsbury Fire Department



ATTACHMENT 3



T · · Mobile ·

SITE NUMBER: CTHA152A SITE ADDRESS: 344 Firetown Road Simsbury, CT 06070

PROJECT NOTES:

- 1. THIS IS AN UNMANNED TELECOMMUNICATION FACILITY AND NOT FOR HUMAN HABITATION HANDICAPPED ACCESS IS NOT REQUIRED. POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED. NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED
- 2. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. FAILURE TO NOTIFY THE ARCHITECT/ENGINEER PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
- 3. DEVELOPMENT AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES, ORDINANCES AND SPECIFICATIONS.

CODE COMPLIANCE:

ALL WORK SHALL COMPLY WITH THE CURRENT NATIONAL AND CONNECTICUT STATE BUILDING AND LIFE SAFETY CODES, SUPPLEMENTS AND AMENDMENTS INCLUDING BUT NOT LIMITED TO THE LATEST EDITION OF

CONNECTICUT STATE BUILDING CODE (CSBC). ANSI/TIA-222-G STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS NATIONAL ELECTRICAL CODE (NEC) FOR POWER AND GROUNDING REQUIREMENTS

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION

Connecticut - Call Before You Dig **Advance Notice:**

Minimum of 2 working days in advance, no more than 30 days in advance

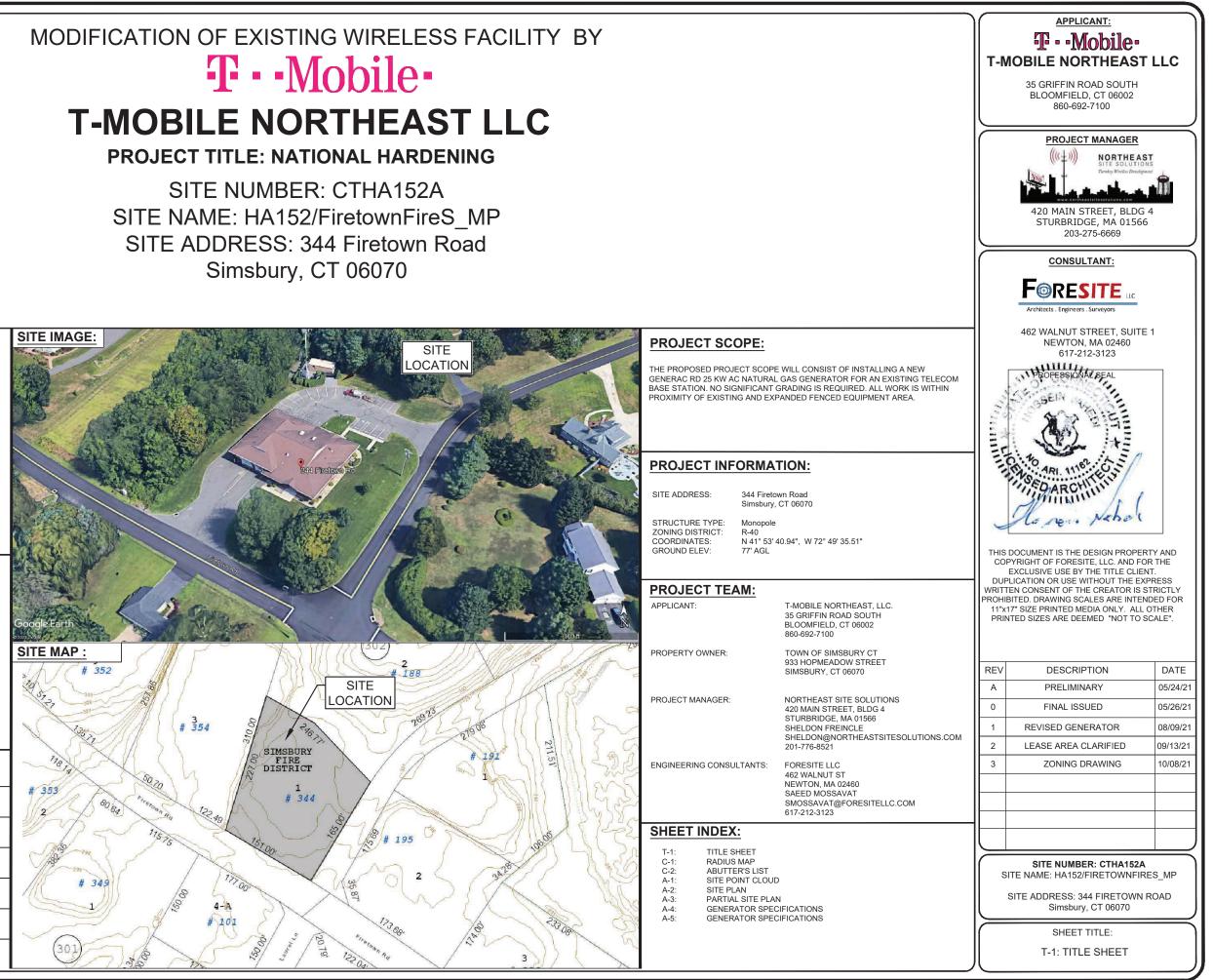
APPROVALS:

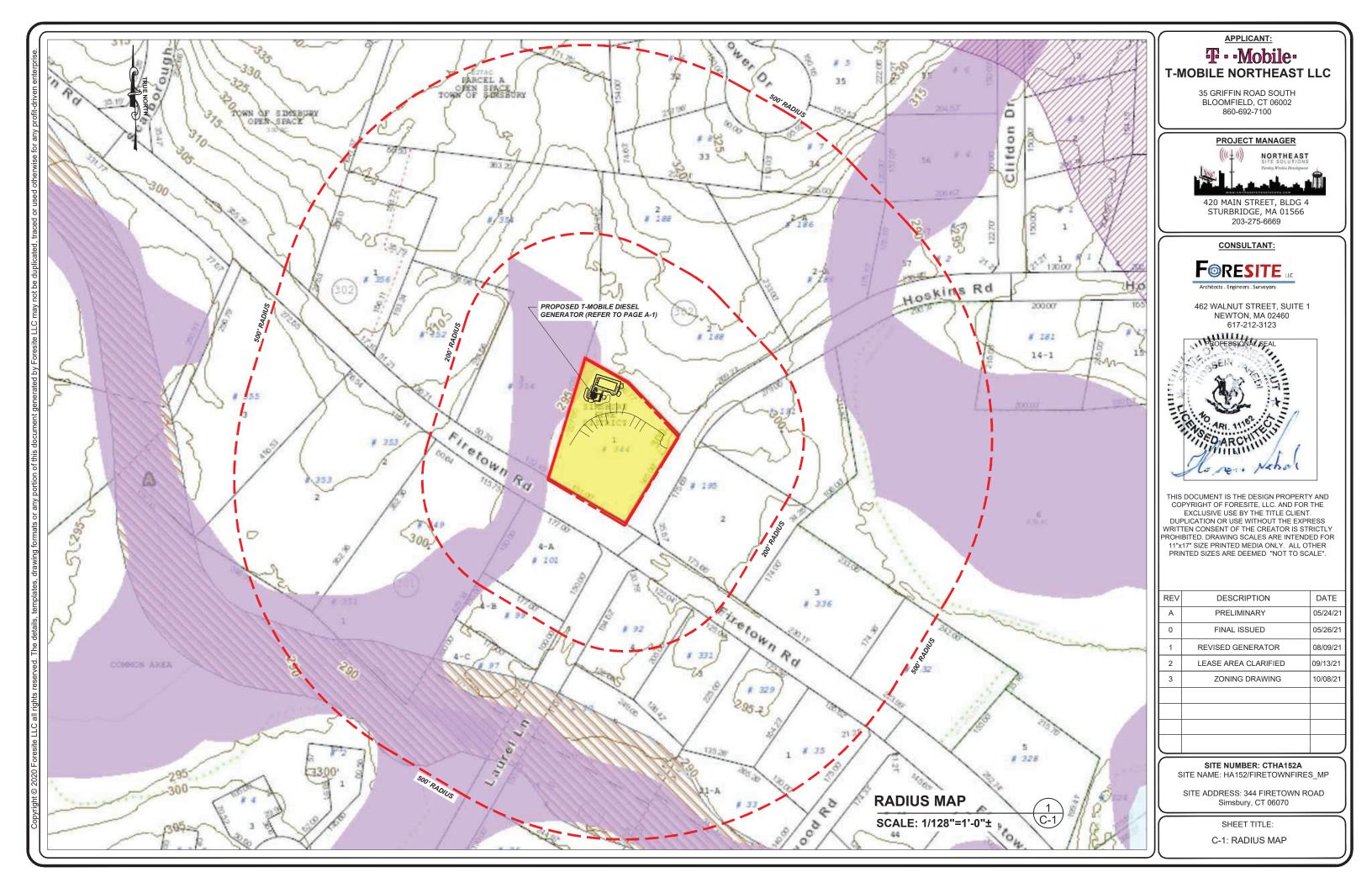
Call before you

811 0

-800-922-4455

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all rigris	FSA CM	DATE	
1	RF ENGINEER	DATE	
ΰ	FOPS	DATE	
	T-MOBILE ENGINEERING AND DEVELOPMENT	DATE	
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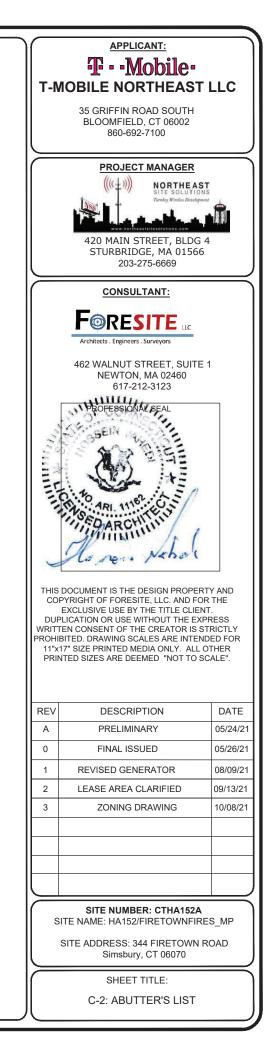




TOWN OF SIMSBURY, CONNECTICUT

Parcel ID	Site Address	Owner Name	Mailing Address	Mailing City	Mailing State	Mailing Zip
F05 302 001	344 FIRETOWN ROAD	SIMSBURY FIRE DISTRICT	869 HOPMEADOW STREET	SIMSBURY	СТ	06070- 0000
F04 302 000	5 SHORT LANE	TOWN OF SIMSBURY		SIMSBURY	СТ	06070-0000
F05 301 001	191 HOSKINS ROAD	BARRETT LEON B AND MARGARET A	191 HOSKINS ROAD	SIMSBURY	СТ	06070- 0000
F05 301 003	336 FIRETOWN ROAD	BOROUSH ERIC M AND LISA A	336 FIRETOWN ROAD	SIMSBURY	СТ	06070- 0000
F05 301 002	195 HOSKINS ROAD	MULLANE CHARLES J AND LINDA A	195 HOSKINS ROAD	SIMSBURY	СТ	06070- 0000
F04 302 057	2 CLIFDON DRIVE	CHEFFER IMMACOLATA C AND JOHN H	2 CLIFDON DRIVE	SIMSBURY	СТ	06070- 0000
F05 107 001	35 DEEP WOOD ROAD	COMEAU DONNA & DAVID	35 DEEP WOOD ROAD	SIMSBURY	СТ	06070- 0000
F04 302 033	8 TOWER DRIVE	MARTIN REYNALDO JOAQUIN SALCEDO &	8 TOWER DRIVE	SIMSBURY	ст	06070- 0000
F05 302 009	352 FIRETOWN ROAD	GIRARD MICHAEL A AND FOLK CHARITY P	352 FIRETOWN ROAD	SIMSBURY	СТ	06070- 0000
F05 107 006	88 LAUREL LANE	HAMMOND DONNA M	88 LAUREL LANE	SIMSBURY	СТ	06070-0000
E05 301 001	349 FIRETOWN ROAD	WOLFE ERIC AND ALFIERI JOANNE	349 FIRETOWN ROAD	SIMSBURY	СТ	06070- 0000
E05 301 002	353 FIRETOWN ROAD	BASON MARGARET M	353 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
E05 301 003	355 FIRETOWN ROAD	WILLIAMS CLIFFORD L JR	355 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
F05 301 004B	99 LAUREL LANE	WILDE PHILIP G AND YOLAND T	99 LAUREL LANE	SIMSBURY	СТ	06070-0000
F05 301 004A	101 LAUREL LANE	BELDEN ROBERT E AND VIRGINIA A	101 LAUREL LANE	SIMSBURY	СТ	06070-0000
F05 301 004C	97 LAUREL LANE	GRIFFIN-DOYLE TAYLOR & MICHAEL	97 LAUREL LANE	SIMSBURY	СТ	06070-0000
		HENDERSON PAULINE D (LU) AND				
F05 107 005	90 LAUREL LANE	HENDERSON	90 LAUREL LANE	SIMSBURY	СТ	06070-0000
F05 107 020A	31 DEEP WOOD ROAD	HENRY ROBERT J AND JUDITH T	31 DEEPWOOD ROAD	SIMSBURY	СТ	06070-0000
F05 107 002	329 FIRETOWN ROAD	HODGSON DANIEL J AND LISA M	329 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
F05 302 003	354 FIRETOWN ROAD	DENALSKY KURT A AND JEANNE MARIE	354 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
F05 302 002	188 HOSKINS ROAD	WELSH BONNIE J TRS	188 HOSKINS ROAD	SIMSBURY	СТ	06070-0000
F05 302 001	356 FIRETOWN ROAD	GALLAGHER MARGARET H AND MICHAEL J	356 FIRETOWN ROAD	SIMSBURY	ст	06070- 0000
F05 107 003	331 FIRETOWN ROAD	BLOOM JERROLD AND ALTHEA (TC)	331 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
F05 302 002A	186 HOSKINS ROAD	MAINVILLE GEORGE R AND ANNE H	186 HOSKINS ROAD	SIMSBURY	СТ	06070-0000
F04 302 034	7 TOWER DRIVE	FLOWERS BARRY M AND LOIS S	7 TOWER DRIVE	SIMSBURY	СТ	06070-0000
F05 107 004	92 LAUREL LANE	LAUBEN STEVEN AND DIANA	92 LAUREL LANE	SIMSBURY	СТ	06070-0000
F05 107 021A	33 DEEP WOOD ROAD	YATES GERALD E AND COLLEEN M	33 DEEPWOOD ROAD	SIMSBURY	СТ	06070-0000
F05 301 006	324 FIRETOWN ROAD	PIRRO DAVID A	324 FIRETOWN ROAD	SIMSBURY	СТ	06070-0000
F05 301 004	332 FIRETOWN ROAD	TSITARIDIS ANTHONY G AND HEATHER A	332 FIRETOWN ROAD	SIMSBURY	ст	06070- 0000
F04 302 032	6 TOWER DRIVE	MUELLER FLINN AND GINA S	6 TOWER DRIVE	SIMSBURY	СТ	06070-0000

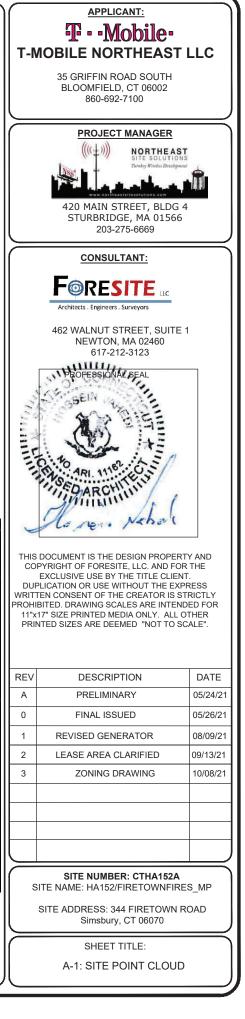


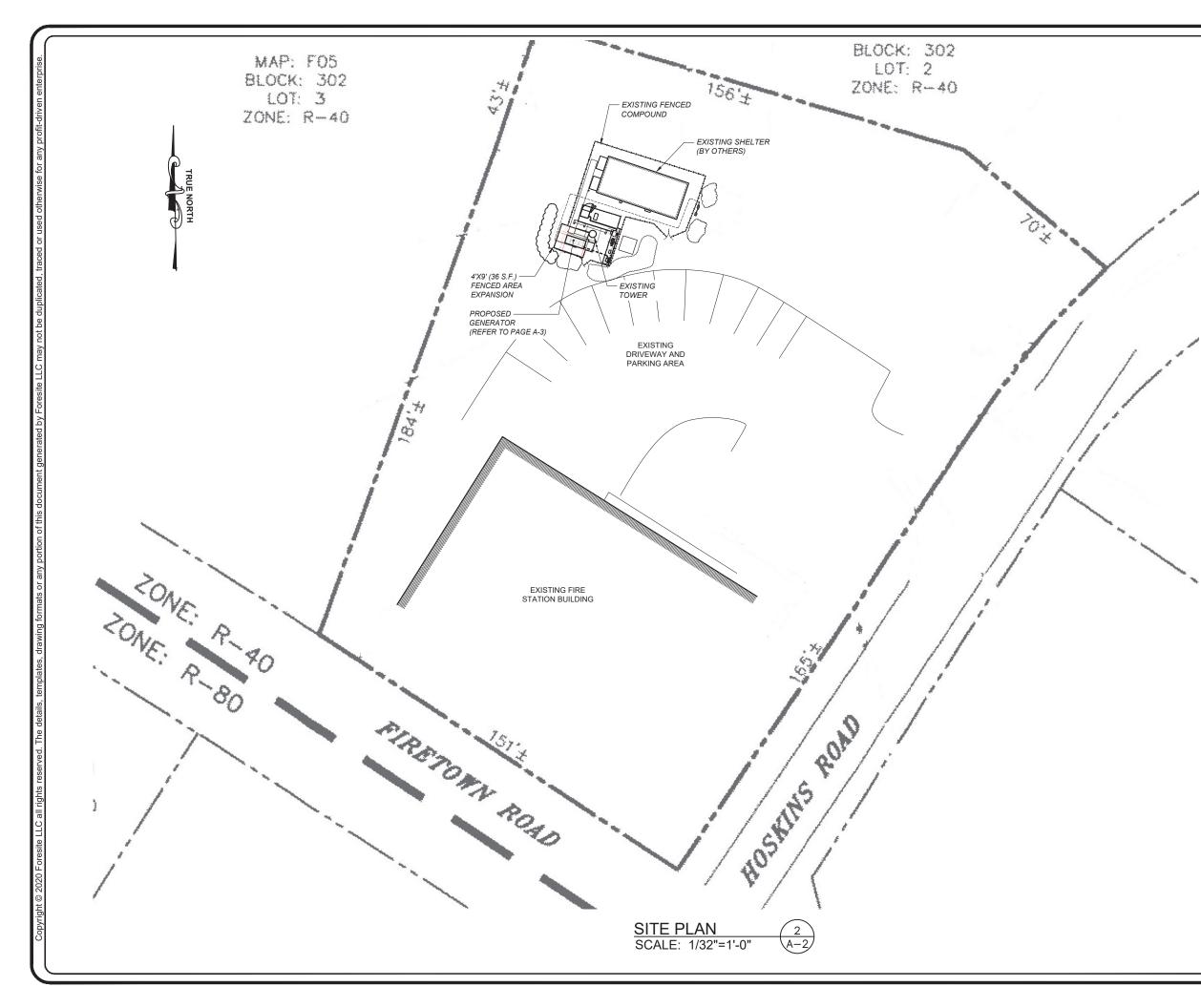




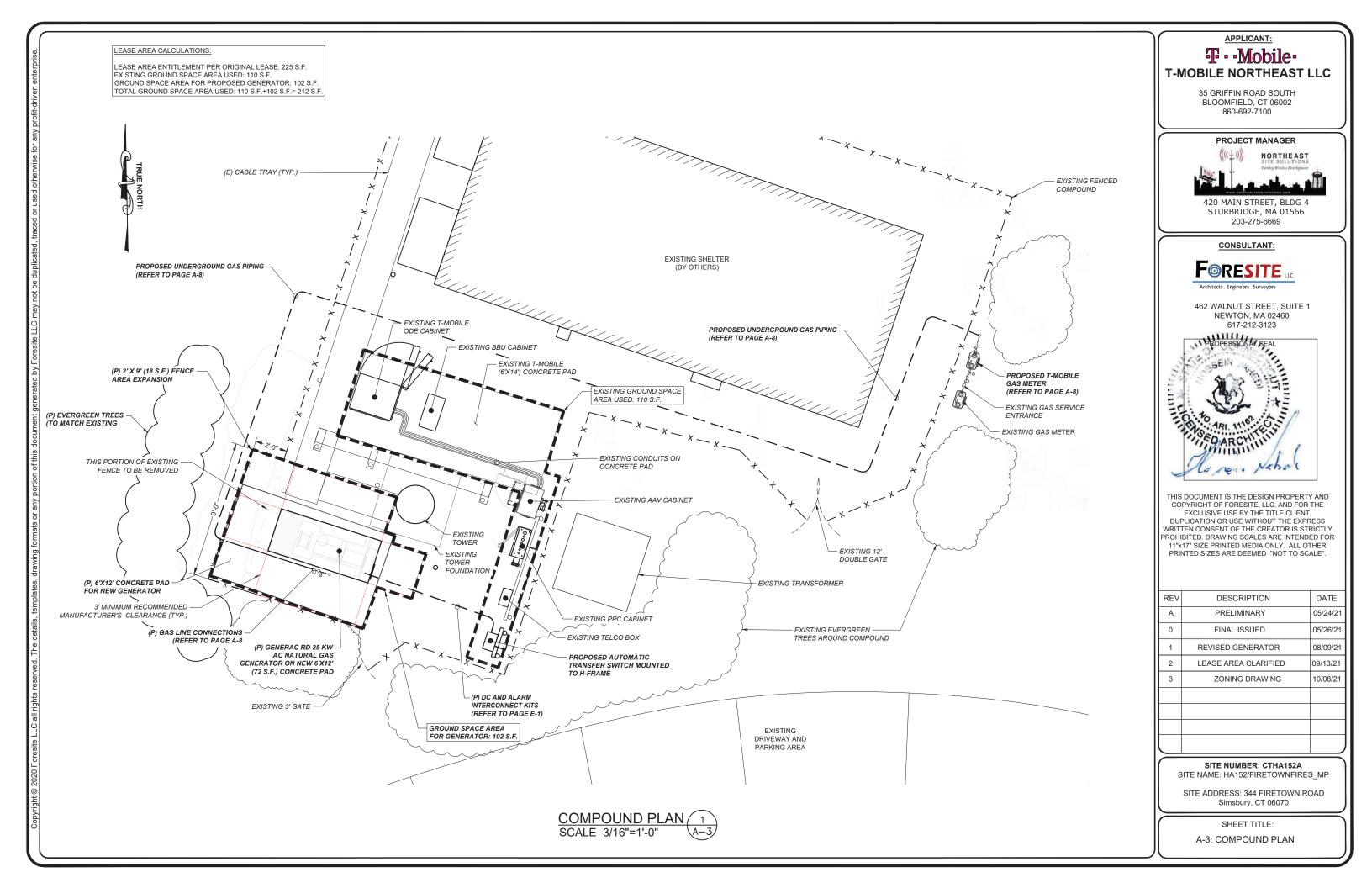


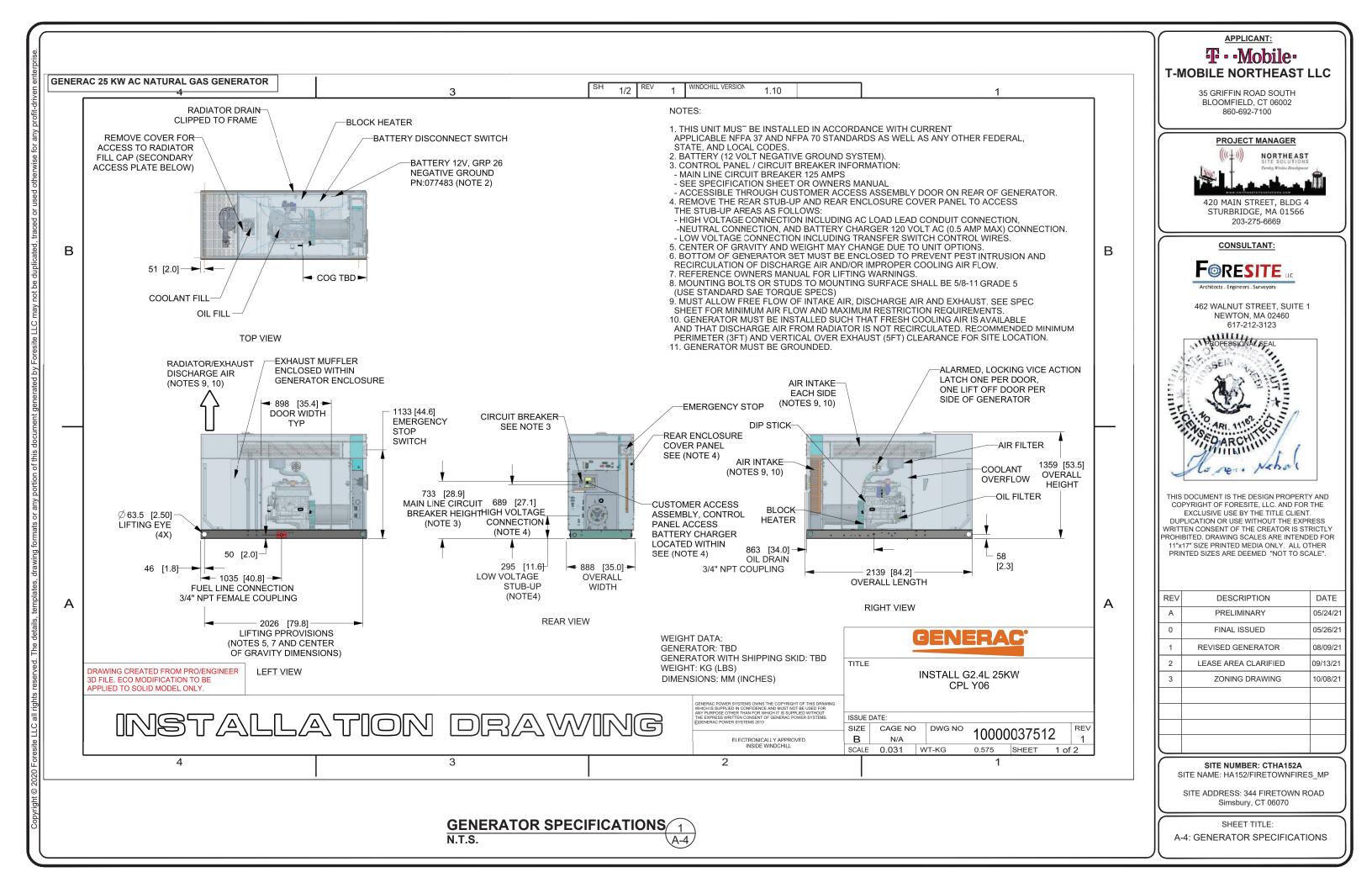


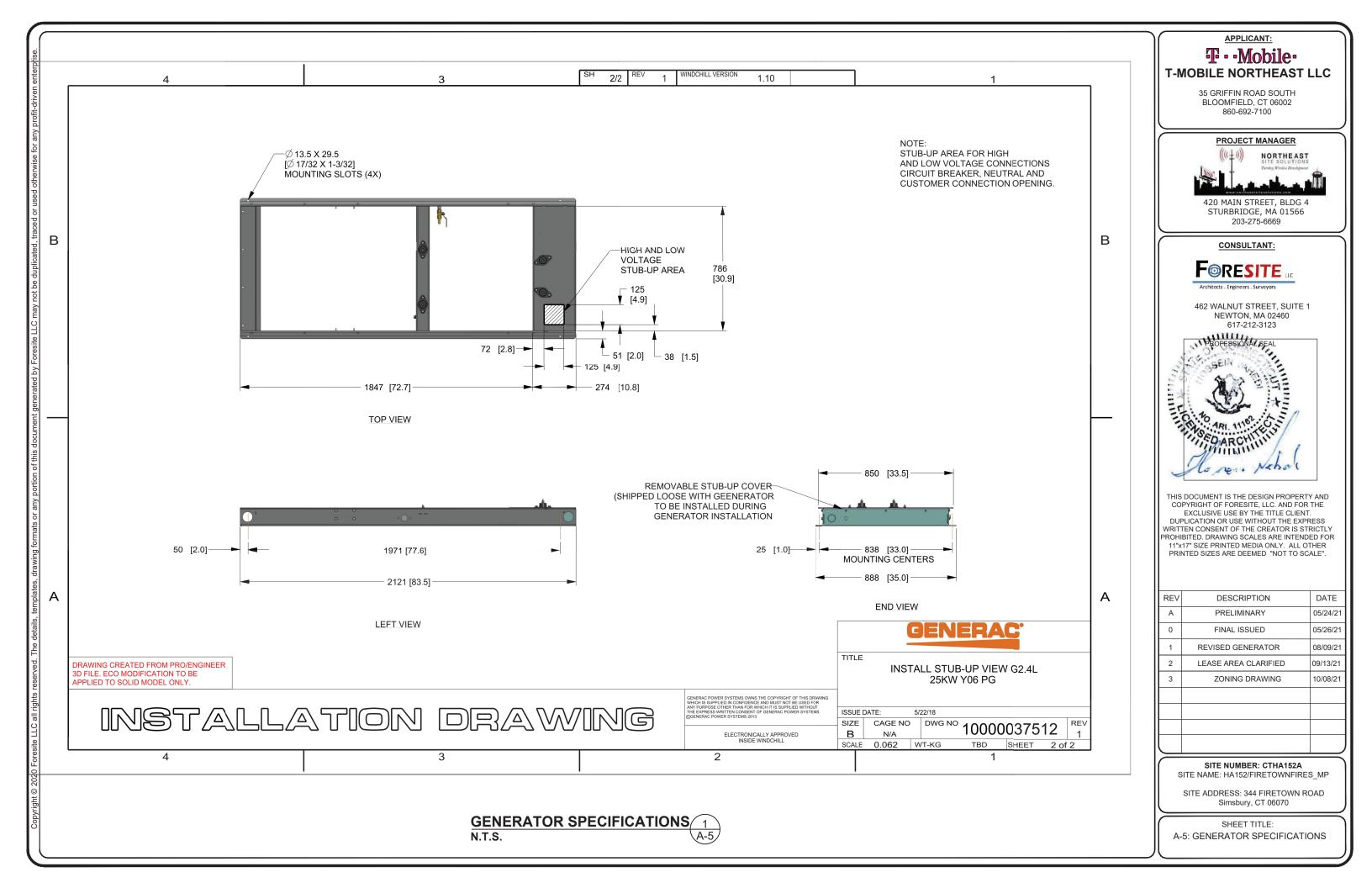




	APPLICANT:			
Т-1	T • • Mobile MOBILE NORTHEAST 35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100	LLC		
	PROJECT MANAGER (((+))) NORTHEAST SITE SOLUTIONS Trady Window Development Verent Mindow Development A20 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669	â		
$\left \right $	CONSULTANT:			
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REV	DESCRIPTION	DATE		
A	PRELIMINARY	05/24/21		
0	FINAL ISSUED	05/26/21		
1	REVISED GENERATOR	08/09/21		
2	LEASE AREA CLARIFIED	09/13/21		
3	ZONING DRAWING	10/08/21		
	SITE NUMBER: CTHA152A			
	SITE NAME: HA152/FIRETOWNFIRES_MP SITE ADDRESS: 344 FIRETOWN ROAD Simsbury, CT 06070			
SHEET TITLE:				
	A-2: SITE PLAN			





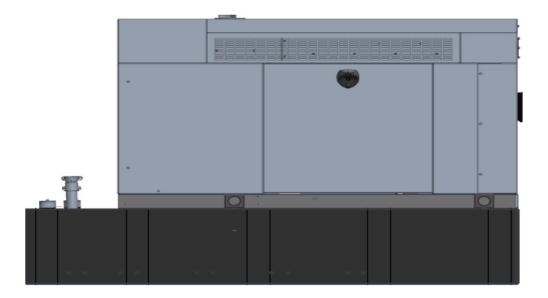


ATTACHMENT 4



Generac RD025 Design Document

Diesel, AC, 25kW External Fill Tank Model#7192-0 SKU#33651



The following are responsible for this project document:

Kevin Smith

SR. Engineer (770) 256-3594

Project Design Spec Revision	1.0	Last Date:08/23/2018	5/14/2018
Final doc URL (~Dnnnnn):			
Location	Use the InfoRouter Search (Advanced) putting the Document ID (nnnnnn without the D) to find the location of the master document.		
Template URL:	http://docs.eng.t-mobile.com/InfoRouter/docs/~D423750 Slightly updated 1/2011		

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1 Introduction / Project Summary

1.1 Purpose of Project

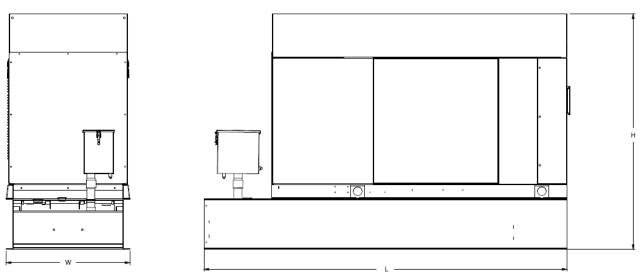
T-Mobile's nationwide cell site hardening plan is providing a refuellable backup power system capable of powering a site for a minimum of 48 hours before refueling is required. The purpose of this project is to give T-Mobile customers reliable service during power outages and provide a sufficient layer of coverage. This design document is for Generac's RD025 model#7192-0, which is a Diesel AC generator with a capacity of 25kW.

1.2 Feature Description

The Generac RD025 is a 25kW AC, diesel generator is one of the generators selected as part of the T-Mobile RFP in support of the nationwide cell site hardening plan. The RD025 has a Level 2 acoustic enclosure, 3 phase sensing, and +-0.25% digital voltage regulation. It is equipped with RS232, RS485 and canbus remote ports and Evolution control panel. It is also equipped with a automatic transfer switch, the RXSC200A3 (Automatic Transfer Switch) Controls the process of transferring commercial AC power and generator power. The RXSC200A3 is a 200Amp, switch that is programmed to perform engine test runs and also has adjustable engine run time capabilities. For RXSC200A3 Owners Manual and full feature descriptions LINK.

1.3 Dimensions

The dimensions of a level 2 Acoustic Enclosure L x W x H in inches $103.4 \times 35 \times 91.7$. T-Mobile requires a 36-inch radius around the generator that will cover the 18'' door swing on the generator.



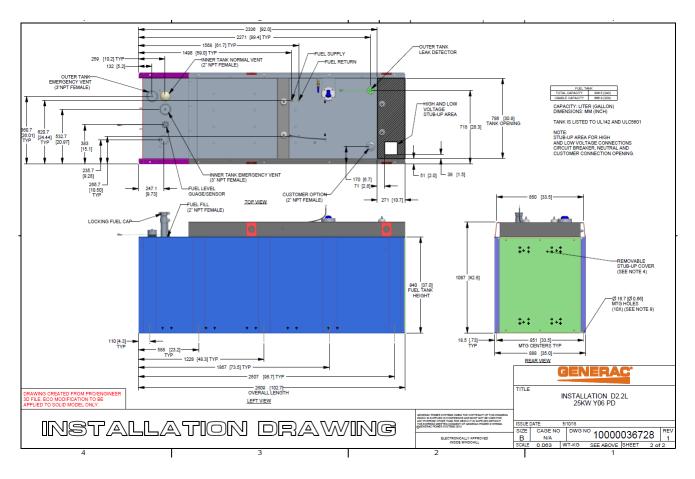
Weights and Dimensions

Unit Weight - Ibs	Unit Weight with Skid - Ibs	Dimensions (L x W x H) - in
2,123	2,161	103.4 x 35.0 x 73.8

T - Mobile-

2 Fuel Tanks

The RD025 has a 102.7" 240 Gallon Double-Wall UL142 Base tank to provide 98 hours of backup power at full load deployed on site. Below is the Install drawing for the 240-gallon tank for the RD025kW.



3 RXSC200A3 ATS/ Controller

3.1 Hardware

The RD025 will come with a RXSC200A3 and an Evollution controller. The sites considered for the RD025 should not have a DC power consumption above 20kW

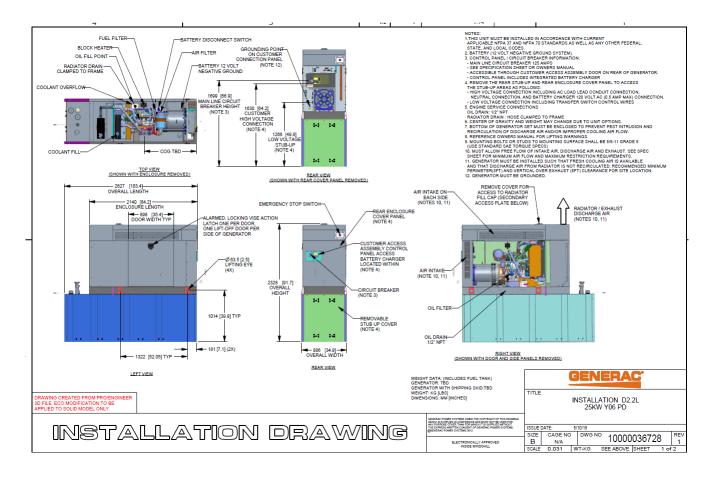


RXSC200A3 Link

RXSC200A3 install drawing Link

Evollution controller spec sheet Link

RD025 installation drawings and supporting documentation Link



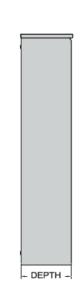
3.2 RXSC200A3 Automatic Transfer Switch

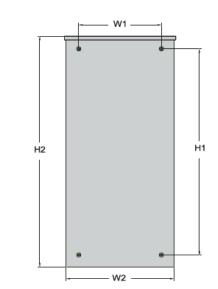
The RXSC200A3 (Automatic Transfer Switch) is equiped with the following functions. Utility voltage drop-out <65%. Timer to Generator start: 10 second factory set, adjustable between 2-1500 seconds. Engine Warm up delay: 5 seconds. Standby Voltage Sensor: 65% for 5 seconds. Utility Voltage Pickup >80%. Re-Transfer Time Delay: 15 seconds. Engine Cool-Down Timer: 60 seconds. Exerciser: 5 or 12 minute adjustable weekly/by-weekly/monthly.The transfer switch can also be operated manually without power applied

T · · Mobile ·

RXSC200A3 Dimensions

Model		RXSC200A3	
Height (in./mm)	HI	17.24/437.9	
	H2	20/508	
Width (in./mm)	WI	12.5/317.5	
	W2	14.6/370.8	
Depth (in./mm)		7.09/180.1	
Weight (lbs./kilos)		20/9.07	







4 Architecture/Alarms

4.1 Interfaces and Alarming

The generator will be monitored by external alarms, conduit and cat five cables have to be installed from the Evolution Controllers Low Voltage Box located in the Generac generator to the appropriate cell site equipment. Nokia FSEB or FSEE and in Ericsson the SAU.

At a Nokia site, this connection is at the FSEB or an FSEE module. For the wiring diagram and instructions for the FSEB click the <u>Link</u>. (The FSEE is the Nokia module that will be replacing the FSEB. For details on the FSEE contact: HQNokiaCellsiteDesigns@T-Moblie.com)

Ericsson sites will connect to the SAU module via OVP Expansion Kit for 8 External Alarms. Product number: UTOVP-ALM8EXP. For the wiring diagram and instructions for this click the <u>link</u>.

The RXSC200A3 has auxiliary contacts that will facilitate the *ATS in Emergency position* alarm and will be a Normally Closed contact. Below is the wiring schematic for this contact and it can be found in the RXSC200A3 owners manual.

Auxiliary Contact

See **Figure 3-4**. If desired, there is one normally-closed Auxiliary Contact (A) on the transfer switch to operate customer accessories, remote advisory lights, or remote annunciator devices. A suitable power source must be connected to the common terminal. If needed, an extra auxiliary contact can be added.

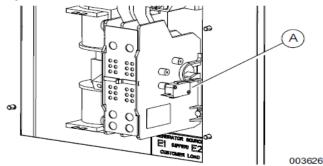


Figure 3-4. Auxiliary Contact

The auxiliary contact is normally closed when the transfer switch is in utility mode. The contacts will open when the transfer switch is in the standby power mode.

NOTE: Auxiliary Contact is rated 10 amps at 125 or 250 volts AC, and 0.6 amps at 125 volts DC.

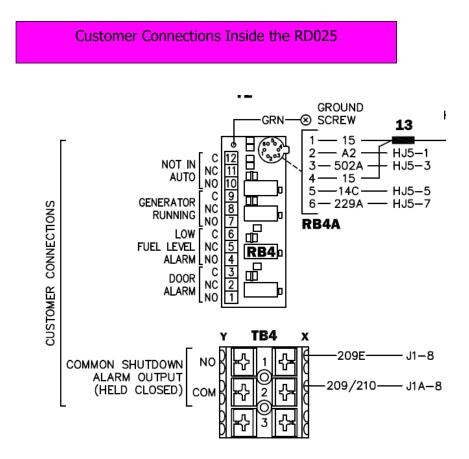
ACAUTION

Equipment damage. Exceeding rated voltage and current will damage the auxiliary contacts. Verify that voltage and current are within specification before energizing this equipment. (000134a)

T-Mobile USA, INC. Confidential



T-Mobile has four relays available from the Generac controller that are user-defined. T-Mobile can have four-alarm categories and a limitless number of subcategories. T- Mobile will utilize Normally Closed (NC) dry contacts for alarms in Low Voltage Connection box in the spare outputs section. Ericsson cabinets need to be equipped with the alarm expansion kit (UTOVP-ALM8EXP) to handle external alarms.



Ericsson UTOVP- ALM8EXP



UTOVP-ALM8EXPOVP Expansion Kit for 8 External AlarmsQtyProduct noDenominationUTOVP-ALM8EXPOVP Expansion Kit for 8 External Alarms1NFD30234/08OVERVOLTAGE ARRESTER/OVP-ALM 81RPM777143/01200CABLE WITH CONNECTOR/SIGNAL CABLE2



Evolution Controller Customer		
Connections	Nokia FSEB Alarm Connections 13-24	T-Mobile Standard Alarms
NC#8-Gen Running	NC 4110 grd 4111 pin 13	Generator Running
NC#11-Not In Auto	NC 4110 grd 4111 pin 14	Generator Alarm Critical
NC#2-Door Alarm	NC 4110 grd 4111 pin 15	Generator Alarm NSI
NC#5-Low Fuel	NC 4110 grd 4111 pin 16	Low Fuel
RXSC200A3-Auxiliary Contacts	NC 4110 grd 4111 pin 17	ATS in Emergency Position

Evolution Controller Customer		
Connections	Ericsson Alarm 8expConnections	T-Mobile Standard Alarms
NC#8- Gen. Running	NC - A5	Generator Running
NC#11-Not In Auto	NC - A6	Generator Alarm Critical
NC#2-Door Alarm	NC - A7	Generator Alarm NSI
NC#5-Low Fuel	NC - A8	Low Fuel
RXSC200A3-Auxiliary Contacts	NC - A9	ATS in Emergency Position

5 Regulatory Requirements

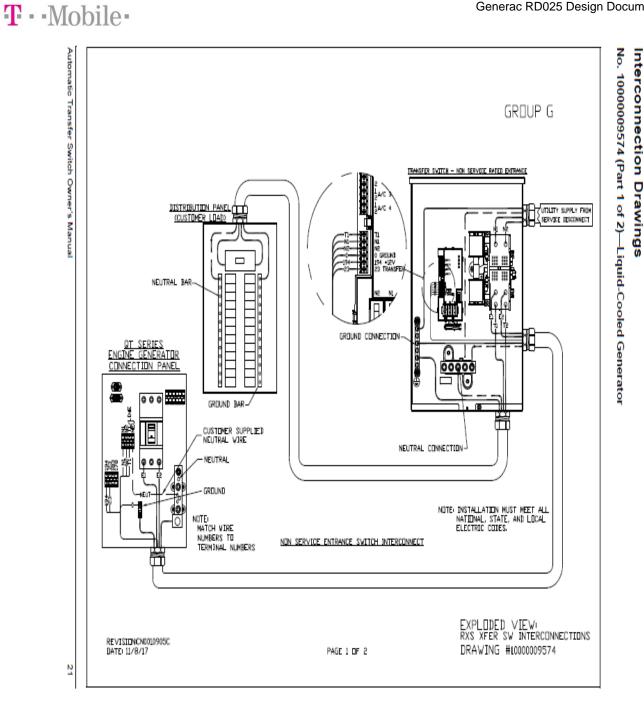
Level 2 Acoustic Enclosure provides a noise level of 67.5dBA. It is EPA certified and meets NFPA 99 and 110 requirements(NFPA National Fire Protection Association). The RD025 generator engines is a tier 4 engine and meets the EPA final standards.

6 Configuration/Diagrams

The physical configuration of the Generator and the RXSC200A3 is, ATS before the PPC to ensure overcurrent protection when commercial power is restored. The RD025 and the RXSC200A3 has to be wired to Commercial AC power.

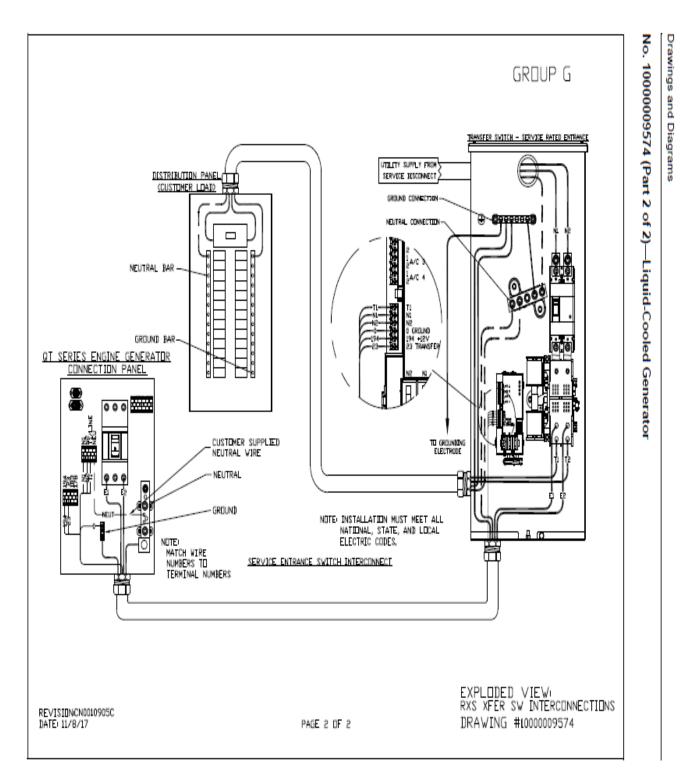


Commercial Power Connection Points On The RXSC200A3



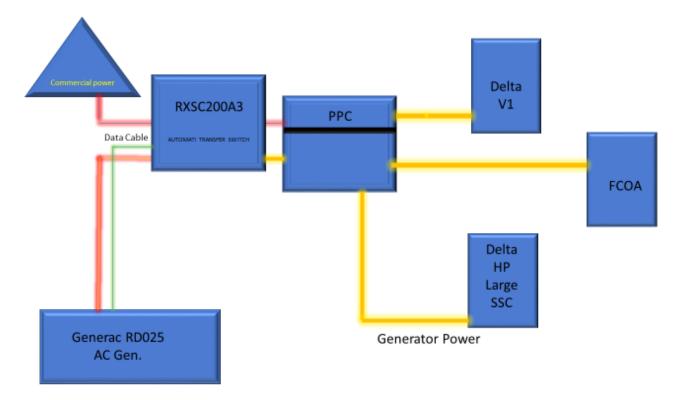
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Generac RD025 Design Document



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Compound Diagram:



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7 Maintenance

T-Mobile is recommending preventive maintenance to be performed every 250 hours of runtime or every 12 months, whichever comes first.

T-Mobile requires this minimum service checklist for the generator engine:

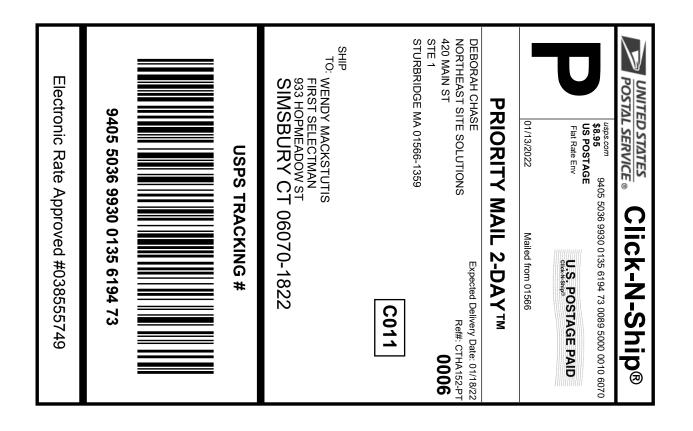
- Check engine mounts and support. Tighten fasteners.
- Check all the engine hoses and clamps for proper fit, and any signs of cracking and fatigue from wear.
- Inspect all belts for signs of cracking and fatigue from wear and adjust for proper tension.
- Inspect the exhaust system for leaks, burns and wet stacking. Drain exhaust line and tighten any clamps and flange bolts.
- Inspect silencer and plumbing for leaks, cracks or any other signs of wear.
- Inspect the system for fuel, oil and coolant leaks and signs of corrosion.
- Replace water separator.
- Replace water filter/ conditioner.
- Check Anti-Freeze (Spector-Analysis).
- Check coolant level and add, if needed.
- Inspect radiator mounting for signs or wear and cracking.
- Inspect/ clean air filter and change per manufacturer specifications.
- Inspect air intakes and outlets and tighten clamps and brackets, if applicable.
- Replace fuel filter.
- Inspect the carburetor fuel injection system, fuel injection pump and choke, if equipped. Adjust to manufacturers specifications.
- Change engine oil, oil filter and record the date on the filter casing.
- Check engine heater operation, if equipped.
- Check and adjust the battery charger operations, and charge rate within the manufacturer's recommended operating specifications.

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- Inspect the battery housing, hardware connections, and cables for corrosion and wear.
- Check the battery electrolyte levels and specific gravity levels.
- Load test generator battery.
- Check, adjust and record generator output voltage, as necessary.
- Check and record the alternator charge rate.
- During inspection run the generator for 30 minutes under load. During this time, and after the engine is at full operational speed and has reached engine operating temperature; determine and record the condition of all inspection points: oil pressure, water/ coolant temperature, Fuel pressure, generator gauge, indicator operations, generator battery.
- Check the engine timing and adjust to manufacturers specifications, if necessary.
- Inspect, adjust and record governor and frequency, if necessary.
- Verify that the low fuel alarm is operational and configured correctly to trigger when the fuel tank reaches 50% of fuel tank capacity.

Check fuel level and refuel the generator during the preventive/ corrective maintenance visit.

ATTACHMENT 5

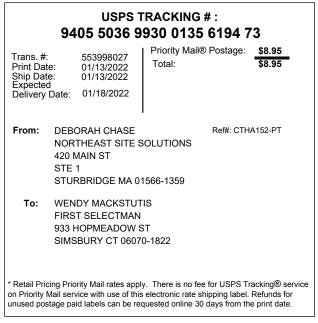


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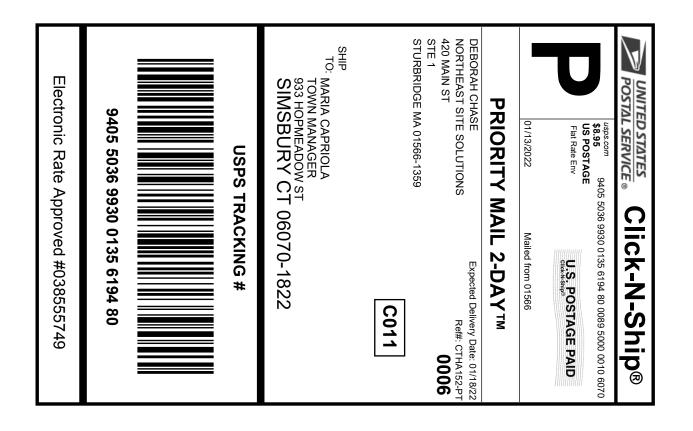
Instructions

- 1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- 2. Place your label so it does not wrap around the edge of the package.
- 3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- 4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- 5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record



UNITED STATES POSTAL SERVICE Thank you for shipping with the United States Postal Service! Check the status of your shipment on the USPS Tracking® page at usps.com

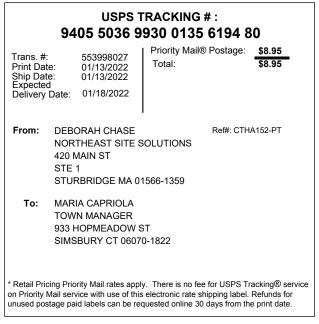


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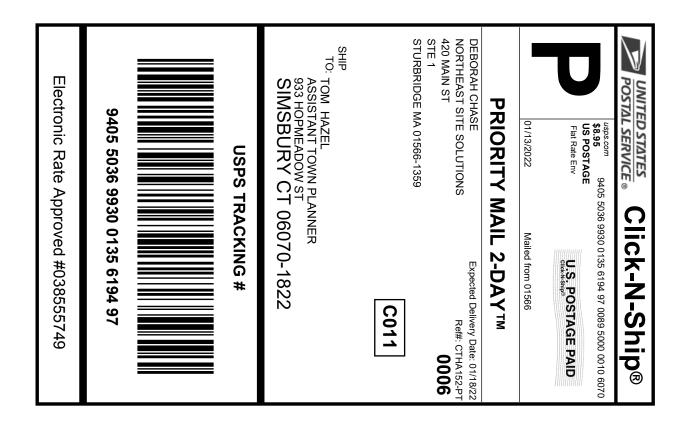
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Simsbury, CT 0607 Weight: O 1b 5.1 Acceptance Date: Fri 01/14/2022 Tracking #: 9405 5036 9930	1 0 0 ₀₂		\$0.00
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CERTIFICATION OF SERVICE

I hereby certify that on the 7th day of January 2022, T-Mobile Northeast, LLC provided notice of its intent to file a Petition for a declaratory ruling that a Certificate of Environmental Compatibility and Public Need is not required for the modification of a wireless telecommunications facility at 344 Firetown Road in Simsbury, Connecticut, to the following:

Abutters

BARRETT LEON B AND MARGARET A 191 HOSKINS ROAD SIMSBURY, CT 06070

GIRARD MICHAEL A AND FOLK CHARITY P 352 FIRETOWN ROAD SIMSBURY, CT 06070

WOLFE ERIC AND ALFIERI JOANNE 349 FIRETOWN ROAD SIMSBURY, CT 06070

DENALSKY KURT A AND JEANNE MARIE 354 FIRETOWN ROAD SIMSBURY, CT 06070

BLOOM JERROLD AND ALTHEA (TC) 331 FIRETOWN ROAD SIMSBURY, CT 06070 BASON MARGARET M 353 FIRETOWN ROAD SIMSBURY, CT 06070

WILDE PHILIP G AND YOLAND T 99 LAUREL LANE SIMSBURY, CT 06070

BELDEN ROBERT E AND VIRGINIA A 101 LAUREL LANE SIMSBURY, CT 06070

WELSH BONNIE J TRS 188 HOSKINS ROAD SIMSBURY, CT 06070

LAUBEN STEVEN AND DIANA 92 LAUREL LANE SIMSBURY, CT 06070

Owner

SIMSBURY FIRE DISTRICT 869 HOPMEADOW STREET SIMSBURY, CT 06070

Respectfully Submitted,

Victoria Masse Northeast Site Solutions 420 Main Street #2 Sturbridge, MA 01566 January 7, 2022

VIA USPS CERTIFIED MAIL/ RETURN RECEIPT REQUESTED

SIMSBURY FIRE DISTRICT 869 HOPMEADOW STREET SIMSBURY, CT 06070

RE: Proposed Modification to Existing Wireless Telecommunications Facility at 344 Firetown Road in Simsbury, CT

To Whom It May Concern:

I am writing to you on behalf of T-Mobile Northeast, LLC ("T-Mobile"). T-Mobile intends to file with the Connecticut Siting Council ("Council") a petition for declaratory ruling ("Petition") that a Certificate of Environmental Compatibility and Public Need is not required.

The Petition will provide details of the Existing Facility modification and explain why it will have no significant adverse environmental effect.

This letter serves as notice to you as an abutting property owner pursuant to § 16-50j-40 of the Regulations of Connecticut State Agencies. T-Mobile will file the Petition on or about January 7, 2022 and will request that the Council place the Petition on some future agenda.

You may review the Petition at the office of the Council, which is located at Ten Franklin Square, New Britain, Connecticut, 06051, or at the Office of the Town Clerk at the Simsbury Town Hall. All inquiries should be addressed to Council or to the undersigned.

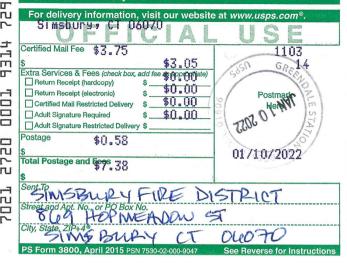
Sincerely,

Victoria Masse Northeast Site Solutions 420 Main Street #2 Sturbridge, MA 01566

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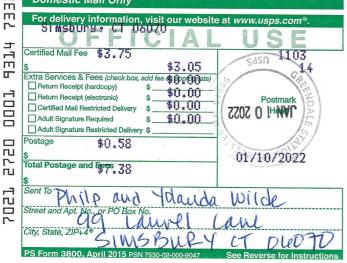
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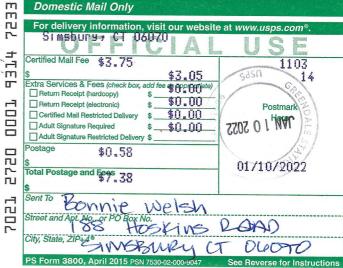
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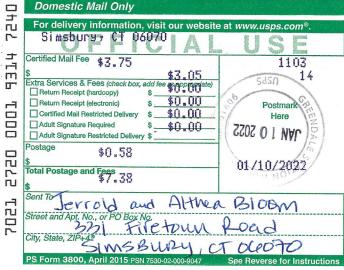
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