

Northeast Site Solutions Victoria Masse 420 Main Street, Unit 2 Sturbridge, MA 01566 860-306-2326 victoria@northeastsitesolutions.com

September 1, 2021

Members of the Siting Council Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE: Notice of Exempt Modification 387 Shore Road, Old Lyme CT 06376

Latitude: 41.29652867 Longitude: -72.2583376

T-Mobile Site#: CTNL804B NHP

Dear Ms. Bachman:

T-Mobile currently maintains nine (9) antenna at the 78-foot level of the existing 80-foot monopole at 387 Shore Road, Old Lyme CT. The tower is owned by Blue Sky Towers. The property is owned by Gregory Benoit. T-Mobile now intends to add a 25Kw generator to an extended concrete pad within an existing compound.

Ground work only-Install New:

(1) GENERAC RD 25 KW AC DIESEL GENERATOR – 240-gallon double walled self-contained tank with fuel sensor. Requires two (2) 12-minute run cycles by-weekly.

(1) Concrete Pad (2'X15')



This facility was approved by the CT Siting Council per the attached Docket No. 392 – Dated September 23, 2010. T-Mobile received approval to install a 80-foot steel monopole, in which T-Mobile's equipment would be installed at the 77-ft 9-inches level. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to The Honorable Timothy C. Griswold, First Selecman and Dan Bourret, Land Use Coordinator for the Town of Old Lyme, as well as Gregory Benoit the property owner and Blue Sky Towers the tower owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S;A. § 16-50j-72(b)(2).

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

For the foregoing reasons, T-Mobile respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Victoria Masse

Mobile: 860-306-2326 Fax: 413-521-0558

Office: 420 Main Street, Unit 2, Sturbridge MA 01566

Email: victoria@northeastsitesolutions.com



Attachments

cc:

The Honorable Timothy C. Griswold, First Selecman Old Lyme Memorial Town Hall 52 Lyme Street Old Lyme, CT 06371

Dan Bourret- Land Use Coordinator Old Lyme Memorial Town Hall 52 Lyme Street Old Lyme, CT 06371

Blue Sky Towers - as tower owner PO Box 191 Franklin, MA 02038

Gregory Benoit- as property owner 34 Irvingdell PL East Lyme, CT 06333

Exhibit A

DOCKET NO. 392 - T-Mobile Northeast, LLC application for a } Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a } telecommunications facility located 387 Shore Road, Old Lyme, Connecticut.

Connecticut
Siting
Council

September 23, 2010

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to T-Mobile Northeast, LLC (T-Mobile), hereinafter referred to as the Certificate Holder, for a telecommunications facility at the proposed site, located at 387 Shore Road, Old Lyme, Connecticut.

Unless otherwise approved by the Council, the facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

- 1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Certificate Holder and other entities, both public and private, but such tower shall not exceed a height of 80 feet above ground level (agl). The height at the top of T-Mobile's antennas shall not exceed 80 feet above ground level. The wireless antennas shall be attached to the tower via T-arm mounts.
- 2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Old Lyme for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound with privacy slats, radio equipment, access road, utility line, and landscaping; and
 - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
- 3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

Docket No. 392 Decision and Order Page 2

- 4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
- 5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
- 6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Old Lyme public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.
- 7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
- 8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Old Lyme. Any proposed modifications to this Decision and Order shall likewise be so served.
- 9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
- 10. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
- 11. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
- 12. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.
- 13. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder\transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder\transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

Docket No. 392 Decision and Order Page 3

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in *The Day*.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

<u>Applicant</u>	<u>Its Representative</u>
------------------	---------------------------

T-Mobile Northeast, LLC

Julie D. Kohler, Esq.

Monte E. Frank, Esq.

Jesse A. Langer, Esq.

Cohen and Wolf, P.C.

Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

<u>Party</u> <u>Its Representative</u>

Town of Old Lyme The Honorable Timothy G. Griswold

Office of the Selectman Town of Old Lyme 52 Lyme Street Old Lyme, CT 06371

<u>Party</u> <u>Its Representative</u>

Mary Staley Mary Staley

5805 Ogden Road Bethesda, MD 20816

Exhibit B

387 SHORE RD

Location 387 SHORE RD **Mblu** 10//8//

Acct# 00027500 Owner BENOIT KATHY

Assessment \$356,000 **Appraisal** \$508,400

PID 293 Building Count 1

Current Value

Appraisal						
Valuation Year Improvements Land Total						
2019	\$124,400	\$384,000	\$508,400			
	Assessment					
Valuation Year	Land	Total				
2019	\$87,200	\$268,800	\$356,000			

Owner of Record

Owner BENOIT KATHY Sale Price \$0

Co-Owner Certificate

 Address
 34 IRVINGDELL PL
 Book & Page
 0402/0316

 EAST LYME CT 06333 1221

EAST LYME, CT 06333-1221 Sale Date 12/30/2014

Ownership History

Ownership History					
Owner Sale Price Certificate Book & Page Sale Date					
BENOIT KATHY	\$0		0402/0316	12/30/2014	
BENOIT GREGORY	\$285,000		0400/0060	08/07/2014	
BENOIT GREGORY	\$330,000		0339/0601	11/03/2006	
SALKA DAVID	\$100,000		0227/0921	10/05/1995	

Building Information

Building 1: Section 1

Year Built:

Living Area: 0
Replacement Cost: \$0

Building Percent Good:

Replacement Cost

Less Depreciation:

Less Depreciation: \$0			
Building Attributes			
Field	Description		
Style:	Outbuildings		
Model			
Grade:			
Stories:			
Occupancy			
Exterior Wall 1			
Exterior Wall 2			
Roof Structure:			
Roof Cover			
nterior Wall 1			
nterior Wall 2			
nterior Flr 1			
nterior Flr 2			
Heat Fuel			
Heat Type:			
AC Type:			
Total Bedrooms:			
Total Bthrms:			
Total Half Baths:			
Total Xtra Fixtrs:			
Total Rooms:			
Bath Style:			
Kitchen Style:			
Num Kitchens			
Cndtn			
Num Park			
Fireplaces			
Fridtn Cndtn			
Basement			

Building Photo



(http://images.vgsi.com/photos/OldLymeCTPhotos//default.jpg)

Building Layout

Building Layout

(http://images.vgsi.com/photos/OldLymeCTPhotos//Sketches/293_293.jpg)

Building Sub-Areas	s (sq ft)	<u>Legend</u>
No Data for Buildin	ig Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Land Line Valuation

Use Code 4340 Description

Size (Acres) CELL TWR Frontage

Zone C-30 Neighborhood C3

No

Depth 0 **Assessed Value** \$268,800

2.15

0

Alt Land Appr

Appraised Value \$384,000

Outbuildings

Category

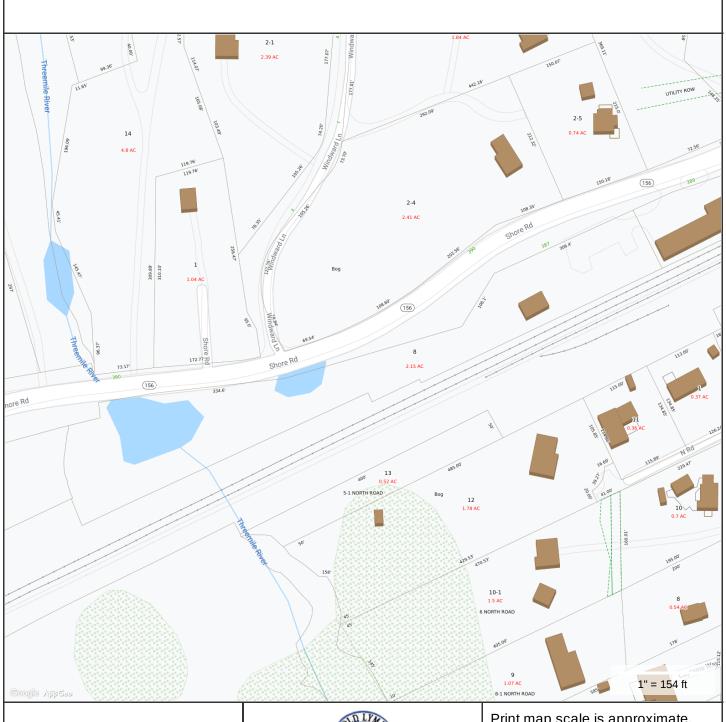
Outbuildings					Legend	
Code	Code Description Sub Code Sub Description Size Value					Bldg #
PAV1	PAVING-ASPHALT			3000.00 S.F.	\$3,800	1
FN3 FENCE-6' CHAIN				180.00 L.F.	\$1,300	1
ARRY	CELL ARRAY			1.00 UNITS	\$76,500	1
TWR	CELL TOWER			50.00 L.F.	\$42,800	1

Valuation History

Appraisal					
Valuation Year Improvements Land Total					
2020	\$124,400	\$384,000	\$508,400		
2019	\$376,600	\$170,800	\$547,400		
2018	\$376,600	\$170,800	\$547,400		

Assessment					
Valuation Year Improvements Land Total					
2020	\$87,200	\$268,800	\$356,000		
2019	\$263,700	\$119,600	\$383,300		
2018	\$263,700	\$119,600	\$383,300		

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MAP FOR REFERENCE ONLY NOT A LEGAL DOCUMENT

Town of Old Lyme, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 6/24/2021 Data updated on a daily basis Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

Exhibit C

MODIFICATION OF EXISTING WIRELESS FACILITY BY

T··Mobile·

T-MOBILE NORTHEAST LLC

PROJECT TITLE: NATIONAL HARDENING SITE NUMBER: CTNL804B

SITE NAME: AMTRAK OLDLYME5 SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

PROJECT NOTES:

- 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.
- DEVELOPMENT AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES,

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

NATIONAL ELECTRICAL CODE (NEC) FOR POWER AND GROUNDING REQUIREMENTS.

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION



1-800-922-4455

Minimum of 2 working days in advance, no

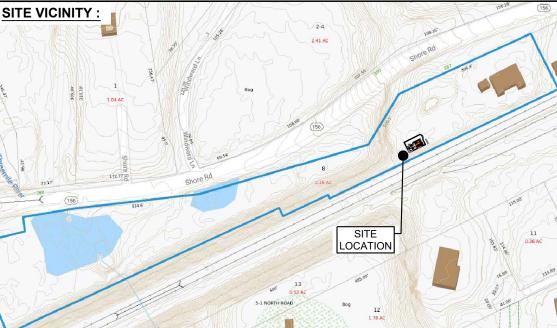
CONTRACTOR'S NOTES:

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.

APPROVALS:

<u></u>	
FSA CM	DATE
RF ENGINEER	DATE
	DATE
T-MOBILE ENGINEERING AND DEVELOPMENT	DATE
	DATE





PROJECT SCOPE:

THE PROPOSED PROJECT SCOPE WILL CONSIST OF INSTALLING A NEW GENERAC RD 25 KW AC DIESEL GENERATOR AND TANK FOR AN EXISTING TELECOM BASE STATION. NO SIGNIFICANT GRADING IS REQUIRED. ALL PROPOSED CONSTRUCTION WILL BE CONTAINED IN THE LIMITS OF THE EXISTING FENCED COMPOUND AND TOWER SITE LEASE AREA.

PROJECT INFORMATION:

ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

10/ /8/ / 293 ZONING DISTRICT:

USE CODE: 4340 - CELL TWR

COORDINATES: GROUND ELEV: 41° 17' 47.54" N 72° 15' 34.72" W 43'± (AMSL)

PROJECT TEAM:

APPLICANT: T-MOBILE NORTHEAST, LLC.

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002

860-692-7100

ROPERTY OWNER: BENOIT KATHY

34 IRVINGDELL PL EAST LYME, CT 06333-1221

PROJECT MANAGER: NORTHEAST SITE SOLUTIONS

420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 SHELDON FREINCLE

SHELDON@NORTHEASTSITESOLUTIONS.COM

201-776-8521

ENGINEERING CONSULTANTS:

462 WALNUT ST NEWTON MA 02460 SAEED MOSSAVAT

SMOSSAVAT@FORESITELLC.COM

617-212-3123

SHEET INDEX:

TITLE SHEET GENERAL NOTES

GENERATOR SPECIFICATIONS

GENERATOR SPECIFICATIONS

AUTOMATIC TRANSFER SWITCH SPECIFICATIONS CONCRETE PAD AND ANCHORAGE DETAILS

GROUNDING DETAILS

T-1: TITLE SHEET

APPLICANT: T - Mobile T-MOBILE NORTHEAST LLC

> 35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

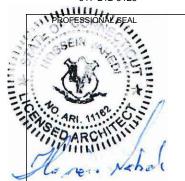


STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



462 WALNUT STREET, SUITE 1 NEWTON, MA 02460 617-212-3123



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REV	DESCRIPTION	DATE
Α	PRELIMINARY	06/21/21

SITE NUMBER: CTNL804B SITE NAME: AMTRAK OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

SHEET TITLE:

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 HAS 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 CLIENT'S REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK.
- 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 CONSTRUCTION DOCUMENTS.
- 6. 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.
- 7. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS DURING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT SECTIONS OF THE BASIC STATE BUILDING CODE, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJEC
- 9. THE CONTRACTOR SHALL NOTIFY THE CLIENT'S REPRESENTATIVE IN WRITING 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 CLIENT'S REPRESENTATIVE.
- 10. THE WORK SHALL CONFORM TO THE CODES AND STANDARDS OF THE FOLLOWING AGENCIES AS FURTHER CITED HEREIN:
- A. ASTM: AMERICAN SOCIETY FOR TESTING AND MATERIALS, AS PUBLISHED IN "COMPILATION OF ASTM STANDARDS BUILDING CODES" OR LATEST EDITION.
- B. AWS: AMERICAN WELDING SOCIETY INC. AS PUBLISHED IN "STANDARD D1.1-08, STRUCTURAL WELDING CODE" OR LATEST EDITION.
- C. AISC: AMERICAN INSTITUTE FOR STEEL CONSTRUCTION AS PUBLISHED IN "CODE FOR STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"; "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" (LATEST EDITION).
- 11. BOLTING:
- A. BOLTS SHALL BE CONFORMING TO ASTM A325 HIGH STRENGTH, HOT DIP GALVANIZED WITH ASTM A153 HEAVY HEX TYPE NUTS.
- B. BOLTS SHALL BE 3/4" MINIMUM (UNLESS OTHERWISE NOTED)
- C. ALL CONNECTIONS SHALL BE 2 BOLTS MINIMUM.
- 12. FABRICATION:
- A. FABRICATION OF STEEL SHALL CONFORM TO THE AISC AND AWS STANDARDS AND CODES (LATEST EDITION).
- B. ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 (LATEST EDITION), UNLESS OTHERWISE NOTED.
- 13. ERECTION OF STEEL:
- A. PROVIDE ALL ERECTION EQUIPMENT, BRACING, PLANKING, FIELD BOLTS, NUTS, WASHERS, DRIFT PINS, AND SIMILAR MATERIALS WHICH DO NOT FORM A PART OF THE COMPLETED CONSTRUCTION BUT ARE NECESSARY FOR ITS PROPER ERECTION.
- B. ERECT AND ANCHOR ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC REFERENCE STANDARDS. ALL WORK SHALL BE ACCURATELY SET TO ESTABLISHED LINES AND ELEVATIONS AND RIGIDLY FASTENED IN PLACE WITH SUITABLE ATTACHMENTS TO THE CONSTRUCTION OF THE BUILDING.
- C. TEMPORARY BRACING, GUYING AND SUPPORT SHALL BE PROVIDED TO KEEP THE STRUCTURE SAFE AND ALIGNED AT ALL TIMES DURING CONSTRUCTION, AND TO PREVENT DANGER TO PERSONS AND PROPERTY. CHECK ALL TEMPORARY LOADS AND STAY WITHIN SAFE CAPACITY OF ALL BUILDING COMPONENTS.

- 14. RELATED WORK, FURNISH THE FOLLOWING WORK AS SPECIFIED UNDER CONSTRUCTION DOCUMENTS, BUT COORDINATE WITH OTHER TRADES PRIOR TO BID:
- A. FLASHING OF OPENING INTO OUTSIDE WALLS
- B. SEALING AND CAULKING ALL OPENINGS
- C. PAINTING
- D. CUTTING AND PATCHING
- 15. REQUIREMENTS OF REGULATORY AGENCIES:
- A. FURNISH U.L. LISTED EQUIPMENT WHERE SUCH LABEL IS AVAILABLE. INSTALL IN CONFORMANCE WITH U.L. STANDARDS WHERE APPLICABLE.
- B. INSTALL ANTENNA, ANTENNA CABLES, GROUNDING SYSTEM IN ACCORDANCE WITH DRAWINGS AND SPECIFICATION IN EFFECT AT PROJECT LOCATION AND RECOMMENDATIONS OF STATE AND LOCAL BUILDING CODES, AND SPECIAL CODES HAVING JURISDICTION OVER SPECIFIC PORTIONS OF WORK. THIS WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
- C. TIA-EIA 222 (LATEST EDITION). STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- D. FAA FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR AC 70/7460-IH, OBSTRUCTION MARKING AND LIGHTING.
- E. FCC FEDERAL COMMUNICATIONS COMMISSION RULES AND REGULATIONS FORM 715, OBSTRUCTION MARKING AND LIGHTING SPECIFICATION FOR ANTENNA STRUCTURES AND FORM 715A, HIGH INTENSITY OBSTRUCTION LIGHTING SPECIFICATIONS FOR ANTENNA STRUCTURES.
- F. AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS (LATEST EDITION).
- G. NEC NATIONAL ELECTRICAL CODE ON TOWER LIGHTING KITS.
- H. UL UNDERWRITER'S LABORATORIES APPROVED ELECTRICAL PRODUCTS.
- I. IN ALL CASES, PART 77 OF THE FAA RULES AND PARTS 17 AND 22 OF THE FCC RULES ARE APPLICABLE AND IN THE EVENT OF CONFLICT, SUPERSEDE ANY OTHER STANDARDS OR SPECIFICATIONS.
- J. 2018 LIFE SAFETY CODE NFPA 101.

APPLICANT:

T - Mobile - T-Mobile - T-Mobile NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER

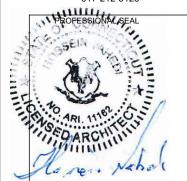


420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



462 WALNUT STREET, SUITE 1 NEWTON, MA 02460 617-212-3123



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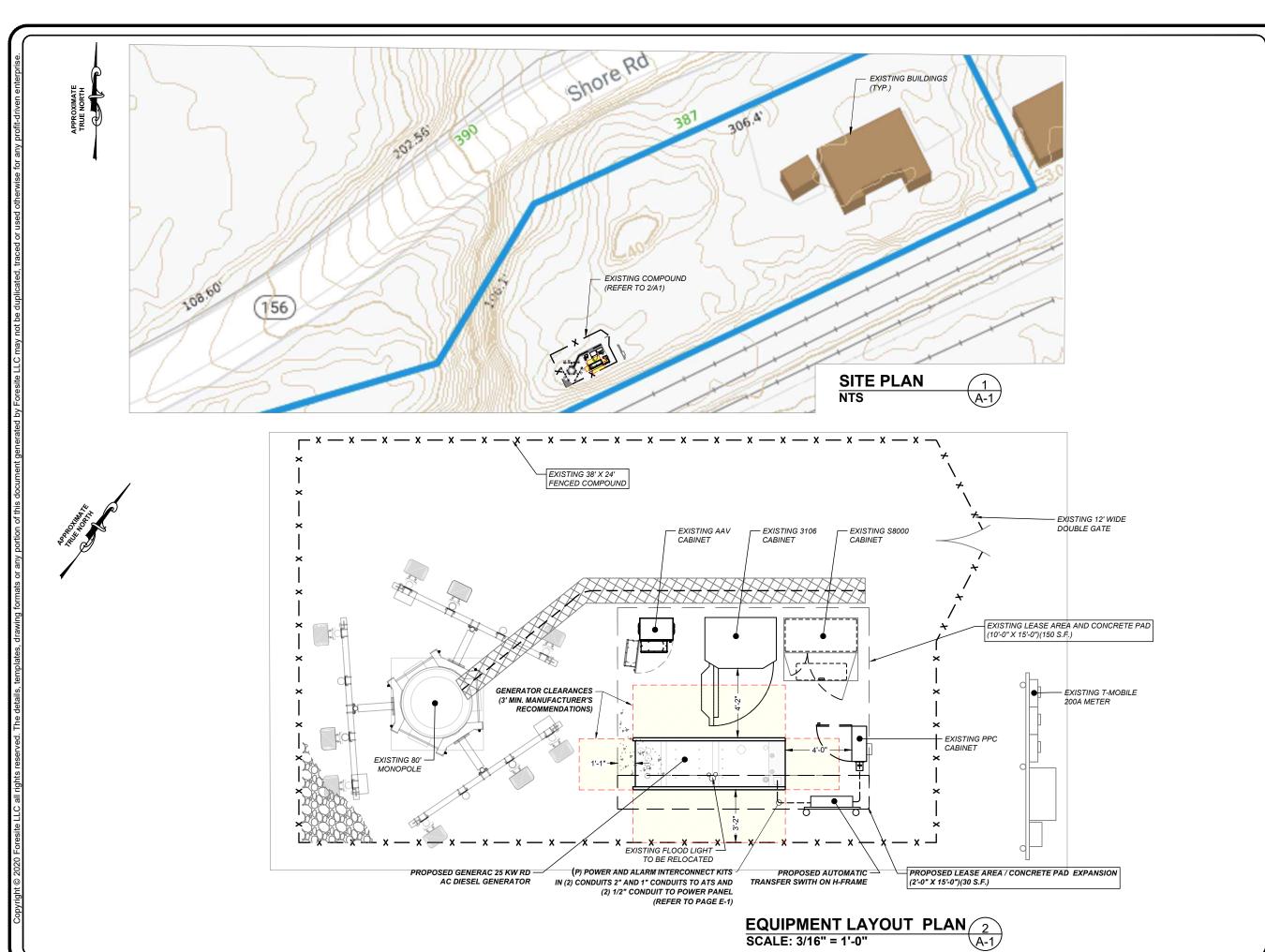
REV	DESCRIPTION	DATE
Α	PRELIMINARY	06/21/21

SITE NUMBER: CTNL804B SITE NAME: AMTRAK_OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

SHEET TITLE:

N-1: GENERAL NOTES



APPLICANT:

T - Mobile - T-Mobile - T-MOBILE NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER

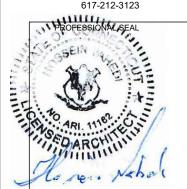


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462 WALNUT STREET, SUITE 1 NEWTON, MA 02460 617-212-3123



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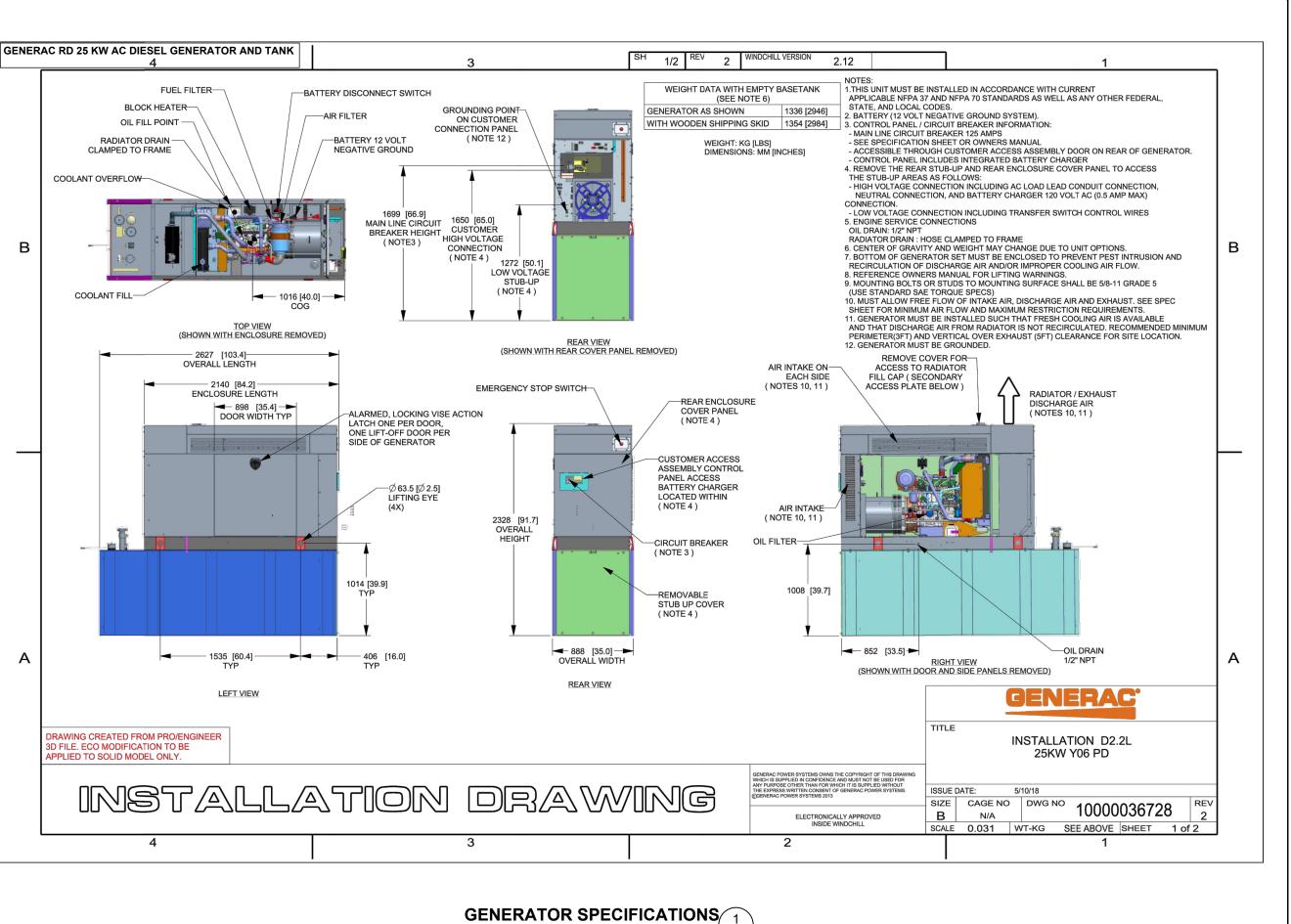
REV	DESCRIPTION	DATE
Α	PRELIMINARY	06/21/21
		J

SITE NUMBER: CTNL804B SITE NAME: AMTRAK_OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

SHEET TITLE:

A-1: PLAN



APPLICANT:

T - Mobile - T-Mobile - T-Mobile NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER

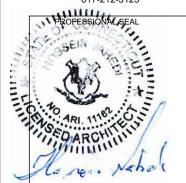


420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



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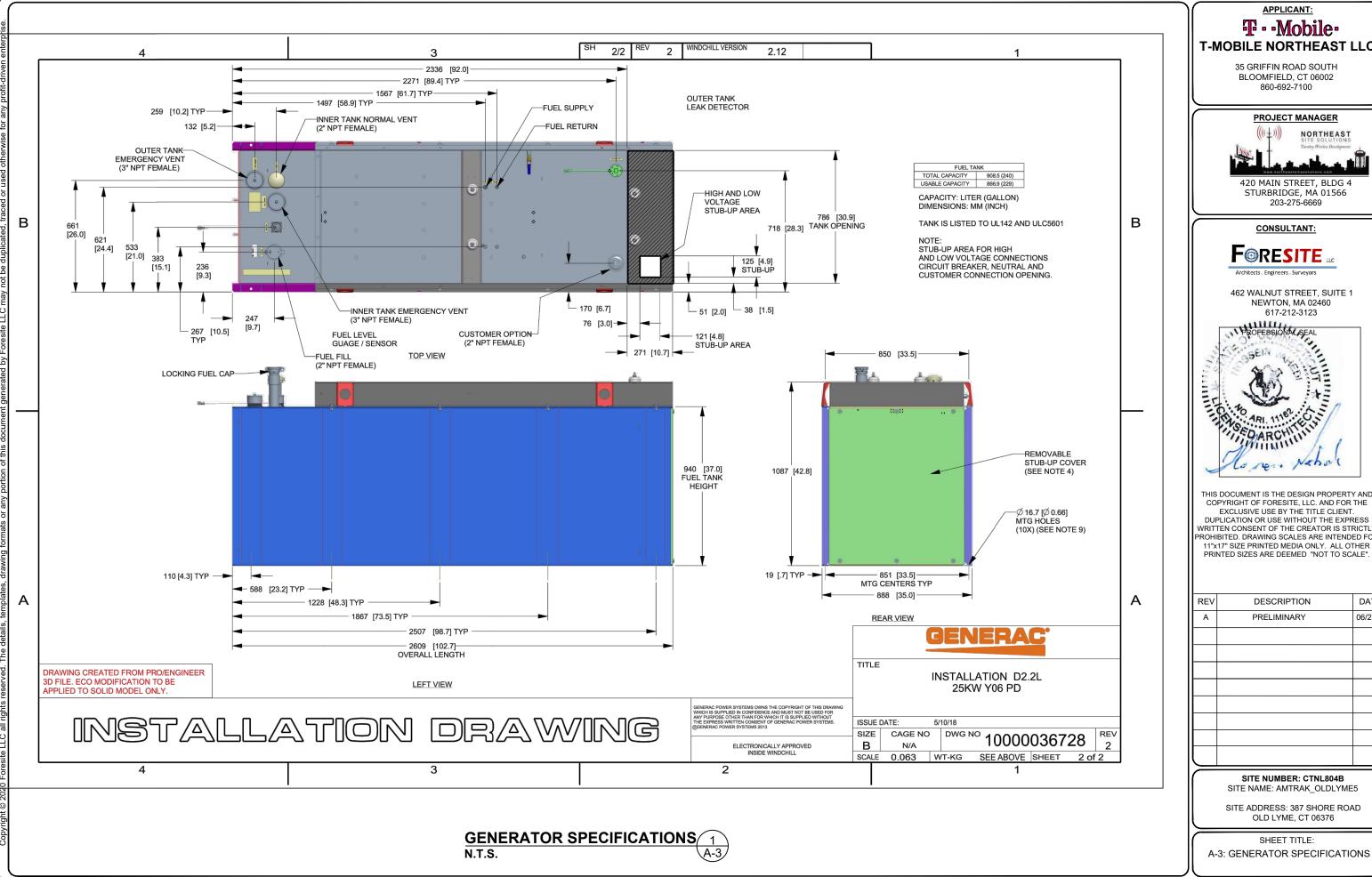
REV	DESCRIPTION	DATE
Α	PRELIMINARY	06/21/21

SITE NUMBER: CTNL804B SITE NAME: AMTRAK_OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

SHEET TITLE:

A-2: GENERATOR SPECIFICATIONS



T - Mobile-T-MOBILE NORTHEAST LLC

BLOOMFIELD, CT 06002



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NEWTON, MA 02460

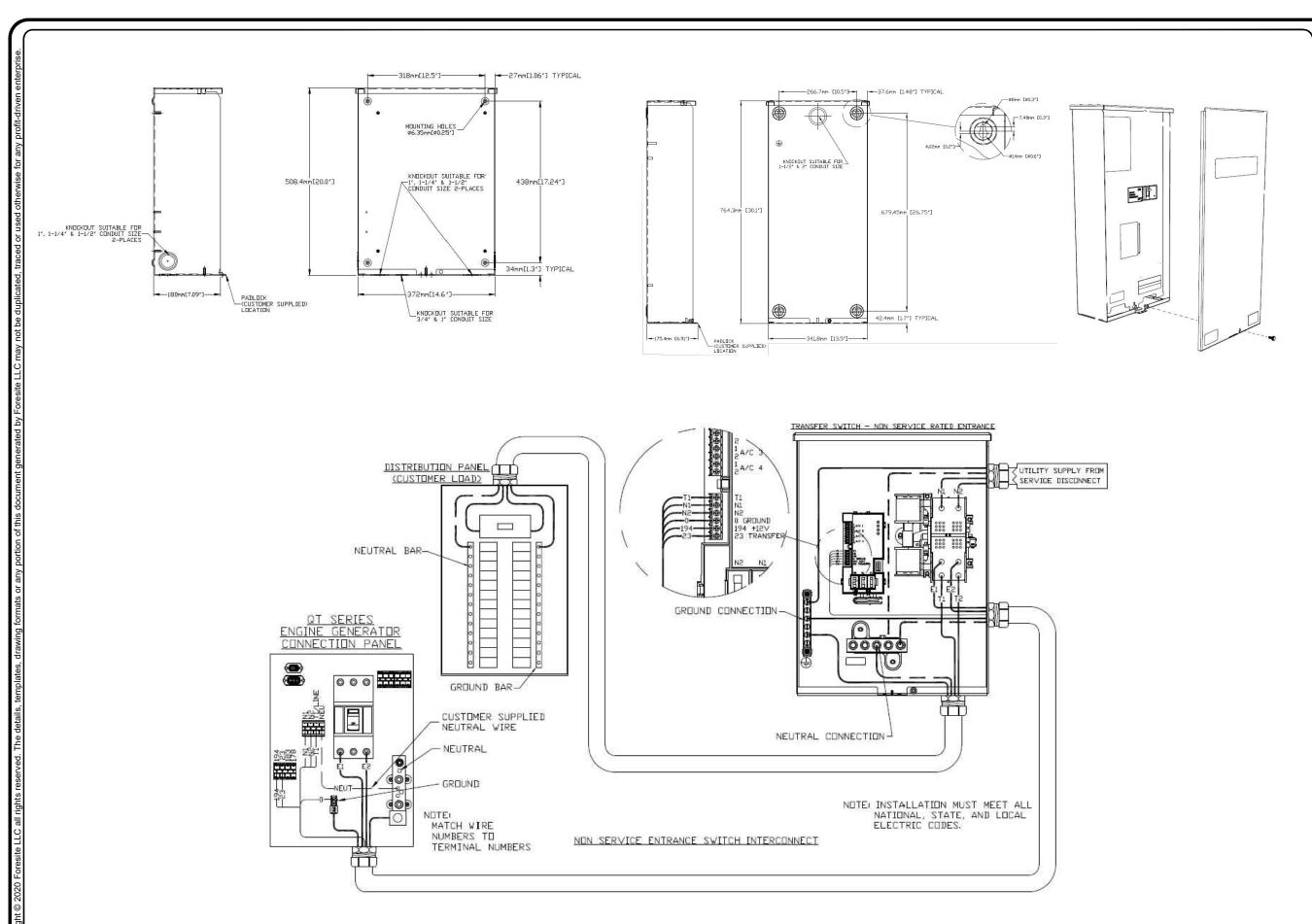


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Α	PRELIMINARY	06/21/21

SITE NAME: AMTRAK_OLDLYME5

OLD LYME, CT 06376



AUTOMATIC TRANSFER SWITCH DETAILS

SCALE: N.T.S.

A-4

APPLICANT:

T - Mobile - T-Mobile -

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER



420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



462 WALNUT STREET, SUITE 1 NEWTON, MA 02460 617-212-3123



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Α	PRELIMINARY	06/21/21

SITE NUMBER: CTNL804B SITE NAME: AMTRAK_OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

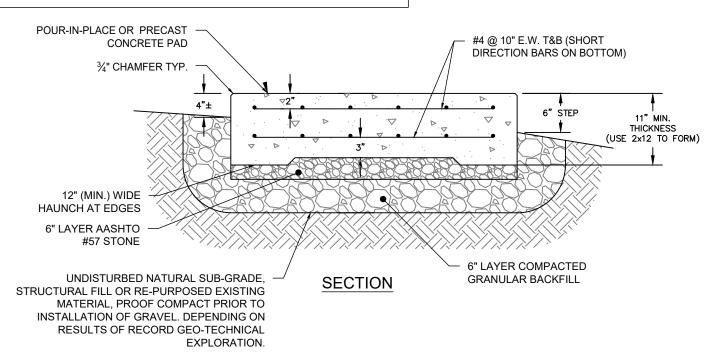
SHEET TITLE: A-4: AUTOMATIC TRANSFER SWITCH DETAILS

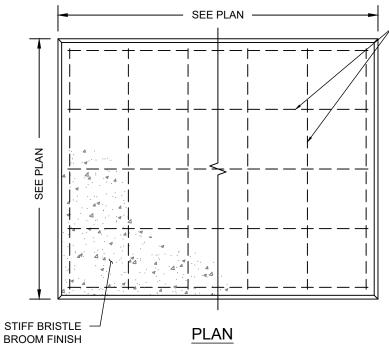
CONSTRUCTION NOTES:

- (HAND-DUG UTILITY TRENCH EXCAVATION REQUIRED):
- ÈXISTING UNDERGROUND UTILITY LOCATIONS ARE UNKNOWN. GENERAL CONTRACTOR SHALL HAND-EXCAVATE TO REQUIRED SUB-GRADE DEPTH, SUFFICIENT TEST HOLES.

ALL PROPOSED UNDERGROUND

- UTILITY TRENCHES SHALL BE HAND-EXCAVATE AS REQUIRED.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED SPECIAL
- TEMPORARY PROTECTION OF, PHYSICAL DAMAGE TO, OR REPAIR OF EXISTING
- UNDERGROUND CONDUIT INCLUDING RESTORATION OF SERVICE.





#4 @ 10" E.W. T&B (SHORT DIRECTION BARS ON BOTTOM)

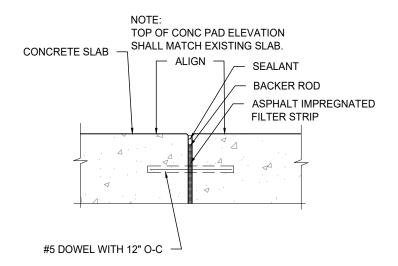
NOTE

- 1. BEARING STRATA MEDIUM TO DENSE INSET GRANULAR MATERIAL OR COMPACTED FILL. 95% COMPACTION.
- 2. SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL.

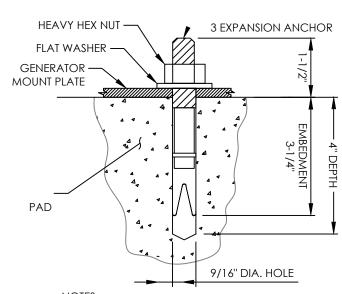
 NO DELETERIOUS MATERIALS OR ORGANICS TO BE USED.
- 3. CONCRETE FORM WORK SHALL BE CONSTRUCTED USING MINIMUM 2"X8" NOMINAL SIZE LUMBER. STRIP AND REMOVE UPON COMPLETION.
- 4. CONCRETE SHALL HAVE 4000PSI 28-DAY COMPRESSIVE STRENGTH WITH 5(±1)% AIR ENTRAINMENT, 4(±1)"SLUMP AND BRISTLE BROOM FINISH.

CONCRETE PAD DETAILS SCALE: N.T.S.





ISOLATION JOINT



NOTES:

- 1. BOLTS CAN BE INSTALLED 2 DAYS AFTER POURING CONCRETE PROVIDED THE KWIK BOLTS ARE ONLY TIGHTENED TO A SNUG TIGHT CONDITION.
- 2. APPLY "HILTI" HIT-RE 500-SD EPOXY TO ALL GAPS TO PREVENT WATER/MOISTURE BUILD-UP.
- 3. PROVIDE 6 (SEE MANUFACTURERS INSTALLATION DRAWINGS) ANCHOR BOLTS PER SIDE.

ANCHORAGE DETAIL

APPLICANT:

T - Mobile - T-Mobile - T-Mobile NORTHEAST LLC

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER



420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



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SITE NUMBER: CTNL804B SITE NAME: AMTRAK_OLDLYME5

SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

SHEET TITLE:

A-5 CONCRETE PAD DETAILS

GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES INCLUDING LATEST EDITIONS OF:

ES INCLUDING LATEST EDITIONS OF:

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION

UL - UNDERWRITERS LABORATORIES

NEC - 2017 NATIONAL ELECTRICAL CODE NEMA - NATIONAL ELECTRIC

MANUFACTURERS ASSOCIATION

OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT IBC - 2015 INTERNATIONAL BUILDING CODE

- 2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PRODUCED 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 ELECTRICAL SYSTEM.
- 4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND 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) ND WHERE REQUIRED IN LIQUID TIGHT FLEXIBLE METAL OR NONMETALLIC CONDUITS.
- 6. RIGID STEEL CONDUITS SHALL BE GROUNDED AT BOTH ENDS.
- 7. ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THWN, OR THIN INSULATION.
- 8. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NAME 3R ENCLOSURE.
- 9. GROUNDING SHALL COMPLY WITH NEC ART. 250.
- 10. GROUNDING COAX CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURES COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER
- 11. USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSTALLATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE GROUND
- 12. ALL GROUND CONNECTION TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD. DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.
- 13. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AS RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY BOND ANY METER OBJECTS WITHIN 7 FEET OF PROPOSED EQUIPMENT OR CABINET TO MASTER GROUND BAR.
- 14. CONNECTIONS TO MGB SHALL BE ARRANGED IN THREE MAIN GROUPS: SURGE PROCEDURES (COAXIAL CABLE GROUND KITS, TELCO AND POWER PANEL GROUND); (GROUNDING ELECTRODE RING OR BUILDING STEEL); NON-SURGING OBJECTS (EGB GROUND IN RBS UNIT).
- 15. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
- 16. APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTION.
- 17. TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION.
- 18. BOND ANY METAL OBJECTS WITHIN 7 FEET OF PROPOSED EQUIPMENT OR CABINET TO MASTER GROUND BAR.
- 19. VERIFY PROPOSED SERVICE UPGRADE WITH LOCAL UTILITY COMPANY PRIOR TO CONSTRUCTION.
- 20. EXISTING UNDERGROUND UTILITY LOCATIONS ARE UNKNOWN. GENERAL CONTRACTOR SHALL HAND-EXCAVATE TO REQUIRED SUB-GRADE DEPTH, SUFFICIENT TEST HOLES OR AS DIRECTED / REQUIRED BY CONSTRUCTION MANAGER. ALL PROPOSED UNDERGROUND UTILITY TRENCHES SHALL BE HAND-EXCAVATE AS REQUIRED. GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED SPECIAL TEMPORARY PROTECTION OF, PHYSICAL DAMAGE TO, OR REPAIR OF EXISTING UNDERGROUND CONDUIT INCLUDING RESTORATION OF SERVICE.
- 21. PROVIDE SLIP JOINS WHERE CONDUITS TRANSITION FROM UNDERGROUND TO ABOVE GROUND.

NOTES:

DIAGRAM AS SHOWN, IS A GENERIC ROUTING SCHEMATIC BASED ON AVAILABLE INFORMATION AND MAY NOT REPRESENT ACTUAL FIELD CONDITIONS. CONTRACTOR SHOULD INSTALL THE GENERATOR, EQUIPMENT AND CONNECTIONS BASED ON VERIFIED ELECTRICAL AUDITS AND PER MANUFACTURER'S INSTALLATION GUIDELINES AS WELL AS ALL APPLICABLE LOCAL AND NATIONAL CODES AND REQUIREMENTS.

GROUNDING NOTES:

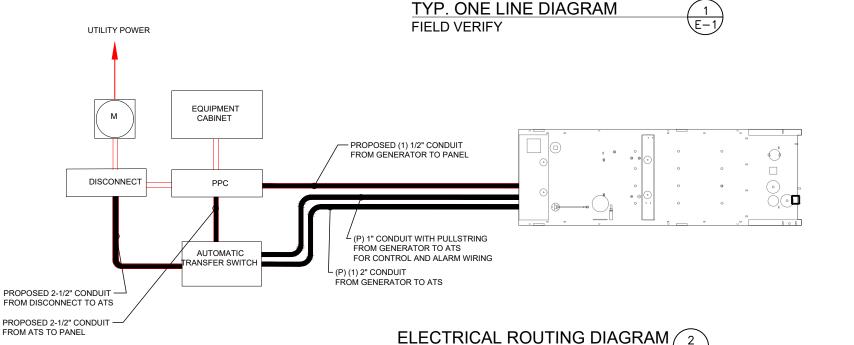
GROUNDING SHALL COMPLY WITH NEC ART. 250
 AND MANUFACTURER'S RECOMMENDATIONS. TIE INTO THE EXISTING GROUNDING SYSTEM.

2. CONTRACTOR SHALL INSTALL GROUND RODS ON ALL UNDERGROUND GROUNDING RUNS LONGER THAN 10'. GROUND RODS WILL BE INSTALLED ON 20' CENTERS MAXIMUM.

- 3. ALL DOWN CONDUCTORS MUST GO DOWN PER NFPA 780.
- 4. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHEN THE GROUNDING SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDING SYSTEM PRIOR TO BACKFILLING.
- 5. CONTRACTOR MY USE EXISTING CONDUITS AND CONDUCTORS
 PROVIDED THEY ARE IN GOOD CONDITION AND ARE SUFFICIENTLY RATED.

(3) #1/0 & (1) #6G (CU THHN) IN 2"C (P) ON-BOARD 125A CIRCUIT BREAKER (HEIGHT 66.9")(SEE SHEET A-3) (GENERATOR DISCONNECTING MEANS SHALL COMPLY WITH NEC 445.18 (B)) (E) T-MOBILE 200A - FUSED 120/240 V SINGLE PHASE DISCONNECT (P) GENERAC 25 KW AC DIESEL GENERATOR (P) (2) 1/2" CONDUIT WITH (3) 3/0 & (1) #4 GND (P) GENERAC 200A, 240V **AUTOMATIC TRANSFER SWITCH** (P) 1/2" CONDUIT WITH (ALL EXTERIOR ELECTRICAL (4) #12 & (2) #12 GND (P) 1" CONDUIT WITH PULL STRING **EQUIPMENT TO HAVE NEMA 3R** TO POWER PANEL FROM GENERATOR TO ATS **ENCLOSURES, SEE NOTE 8)** FOR CONTROL AND ALARM WIRING MTS \bigcirc (E) 200A GENERATOR RECEPTACLE (E) POWER PANEL (F) PPC

TO (E) EQUIPMENT



SCALE: N.T.S

APPLICANT:

T - Mobile - T-Mobile -

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER



420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



462 WALNUT STREET, SUITE 1 NEWTON, MA 02460 617-212-3123



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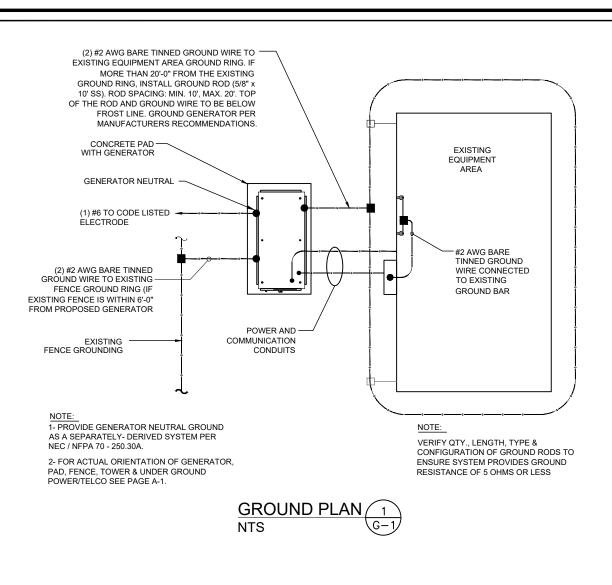
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SITE ADDRESS: 387 SHORE ROAD OLD LYME, CT 06376

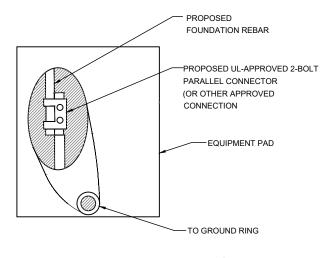
SHEET TITLE:

E-1: ELECTRICAL DETAILS



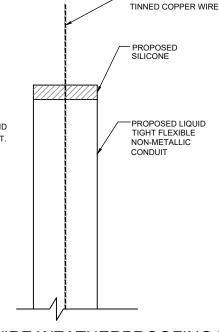
NOTES:

- 1. CONNECTION SHALL BE COVERED BY NO LESS THAN 2" OF CONCRETE.
- 2. ATTEMPT TO MAKE CONNECTION TO A 6'-0" RUN OF REBAR OR GREATER.
- 3. APPLY HEAT SHRINK OR ELECTRICAL TAPE AROUND THE CONDUCTOR TO AVOID CORROSION.



EQUIPMENT PAD GROUNDING 2 NTS G-1 NOTE:

CONTRACTOR TO USE CLEAR OR GRAY SILICONE AS NECESSARY TO SEAL LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT.



-PROPOSED #2 SOLID

GROUND WIRE WEATHERPROOFING 3
NTS

APPLICANT:

T - Mobile -

35 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 860-692-7100

PROJECT MANAGER

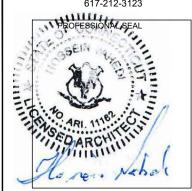


420 MAIN STREET, BLDG 4 STURBRIDGE, MA 01566 203-275-6669

CONSULTANT:



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SHEET TITLE:

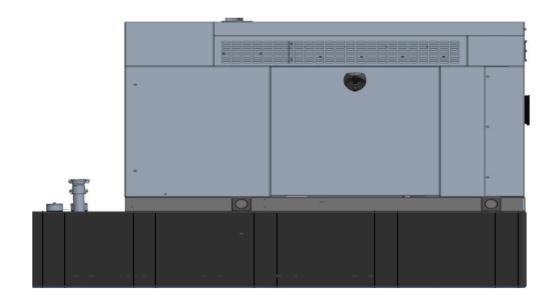
G-1: GROUNDING DETAILS

Exhibit D

T··Mobile· Engineering & Operations

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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4	Architecture/Alarms	7
4.1	Interfaces and Alarming	7
5	Regulatory Requirements	9
6	Configuration/Diagrams	9
7	Maintenance	14



1 Introduction / Project Summary

1.1 Purpose of Project

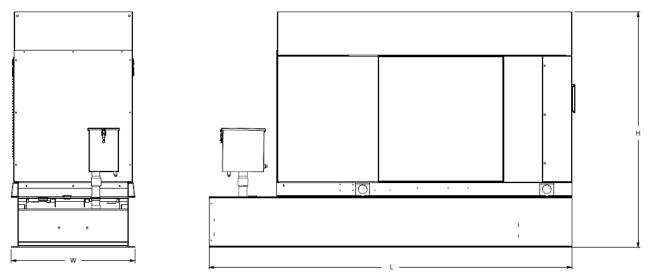
T-Mobile's nationwide cell site hardening plan is providing a refuellable backup power system capable of powering a site for a minimum of 48 hours before refueling is required. The purpose of this project is to give T-Mobile customers reliable service during power outages and provide a sufficient layer 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 \times W \times 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.



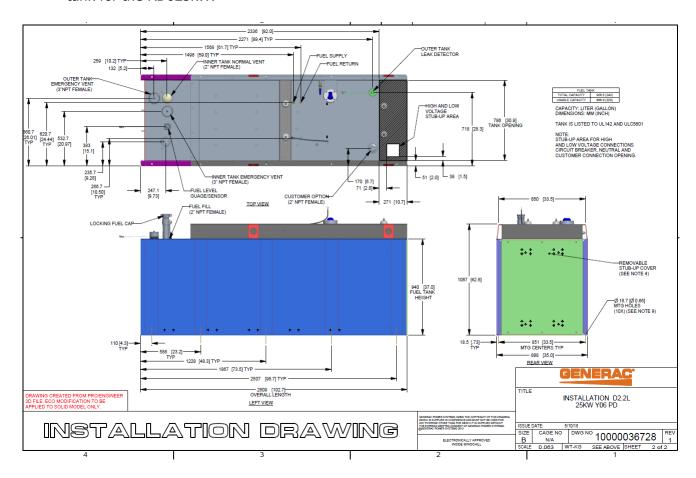
Weights and Dimensions

U	nit 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



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

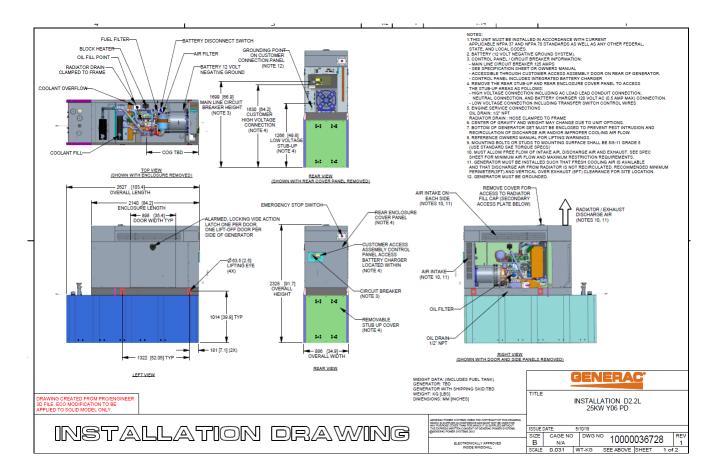


RXSC200A3 Link

RXSC200A3 install drawing Link

Evollution controller spec sheet Link

RD025 installation drawings and supporting documentation Link



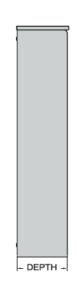
3.2 RXSC200A3 Automatic Transfer Switch

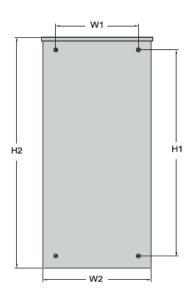
The RXSC200A3 (Automatic Transfer Switch) is equiped with the following functions. Utility voltage drop-out <65%. Timer to Generator start: 10 second factory set, adjustable between 2-1500 seconds. Engine Warm up delay: 5 seconds. Standby Voltage Sensor: 65% for 5 seconds. Utility Voltage Pickup >80%. 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



RXSC200A3 Dimensions

Model		RXSC200A3
Height	HI	17.24/437.9
(in./mm)	H2	20/508
Width	WI	12.5/317.5
(in./mm)	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 link.

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.

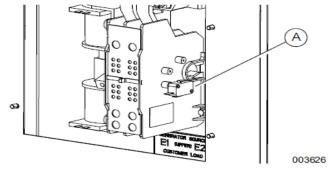


Figure 3-4. Auxiliary Contact

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.

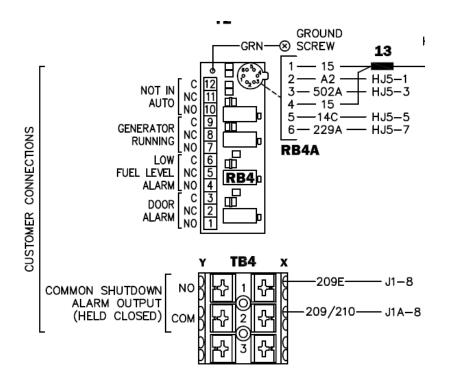
ACAUTION

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 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.

Customer Connections Inside the RD025



Ericsson UTOVP- ALM8EXP





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.

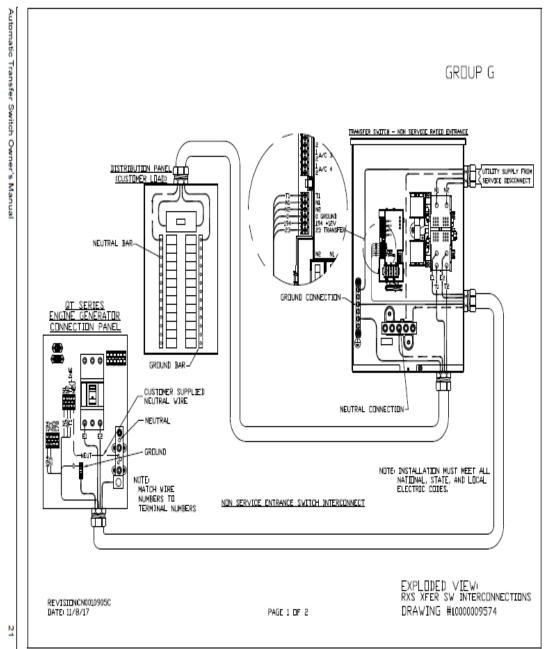
6 Configuration/Diagrams

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.

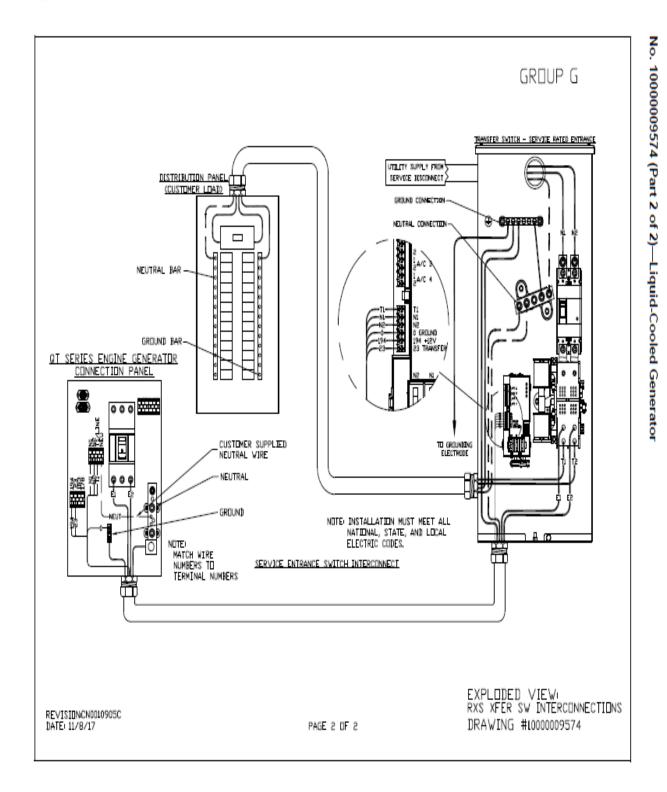


Commercial Power Connection Points On The RXSC200A3



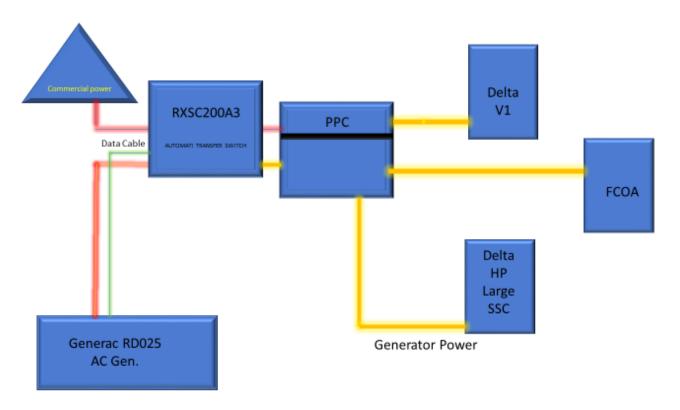








Compound Diagram:





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.



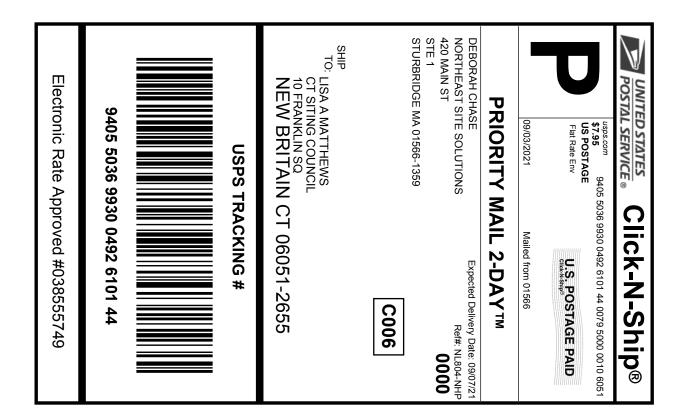
- Inspect the battery housing, hardware connections, and cables for corrosion and wear.
- Check the battery electrolyte levels and specific gravity levels.
- Load test generator battery.
- Check, adjust and record generator output voltage, as necessary.
- Check and record the alternator charge rate.
- 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.

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- 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.

Exhibit E





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.**
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Priority Mail® Postage: Total:

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Ref#: NL804-NHP

From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

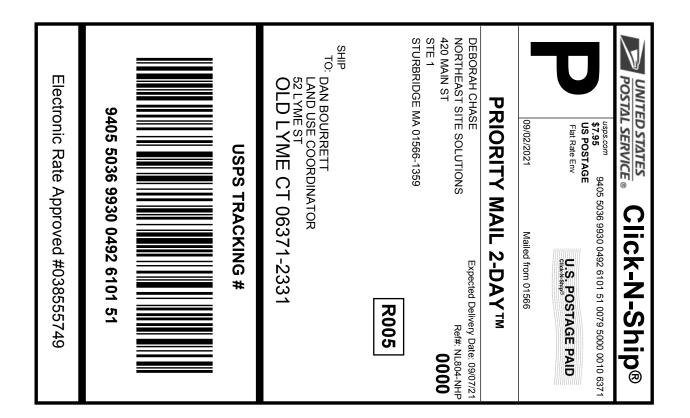
STE 1

STURBRIDGE MA 01566-1359

LISA A MATTHEWS

CT SITING COUNCIL 10 FRANKLIN SQ

NEW BRITAIN CT 06051-2655





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From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

STE 1

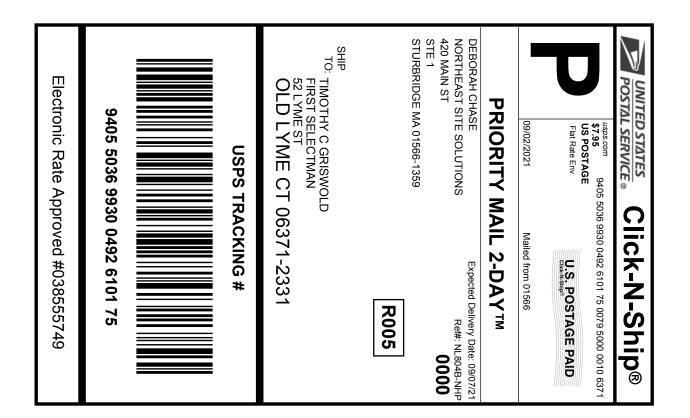
STURBRIDGE MA 01566-1359

DAN BOURRETT

LAND USE COORDINATOR

52 LYME ST

OLD LYME CT 06371-2331





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Click-N-Ship® Label Record

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NORTHEAST SITE SOLUTIONS

420 MAIN ST

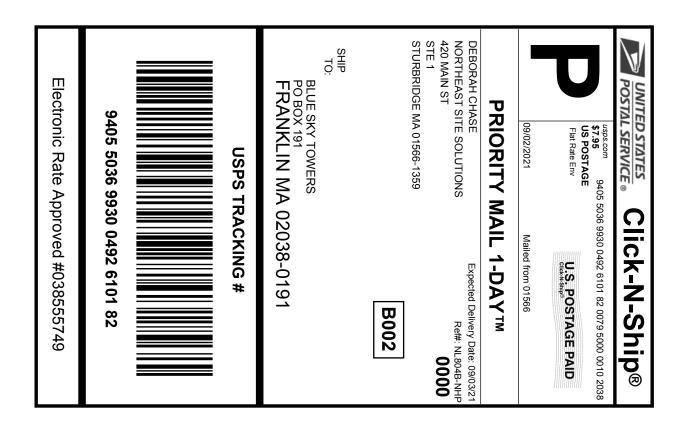
STE 1

STURBRIDGE MA 01566-1359

TIMOTHY C GRISWOLD

FIRST SELECTMAN 52 LYME ST

OLD LYME CT 06371-2331





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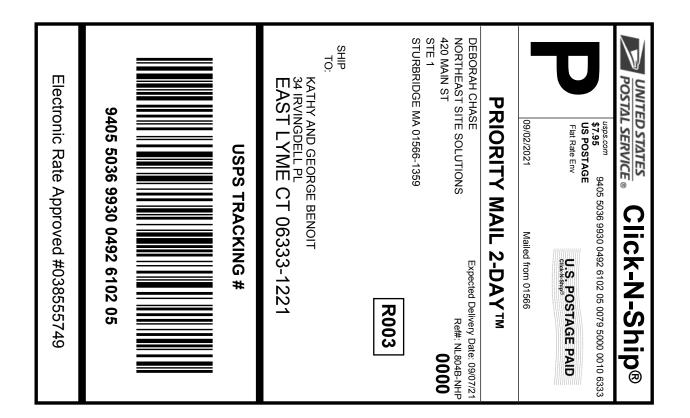
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STURBRIDGE MA 01566-1359

BLUE SKY TOWERS

PO BOX 191

FRANKLIN MA 02038-0191





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From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

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STURBRIDGE MA 01566-1359

KATHY AND GEORGE BENOIT

34 IRVINGDELL PL

EAST LYME CT 06333-1221



FISKDALE 458 MAIN ST FISKDALE, MA 01518-9998 (800)275-8777

09/08/2021 03:37 PM Product Qty Unit Price Price Prepaid Mail \$0.00 East Lyme, CT 06333 Weight: 0 1b 9.00 oz Acceptance Date: Wed 09/08/2021 Tracking #: 9405 5036 9930 0492 6102 05 Prepaid Mail \$0.00 Franklin, MA 02038
Weight: 0 lb 8.90 oz
Acceptance Date:
Wed 09/08/2021 Tracking #: 9405 5036 9930 0492 6101 82 Prepaid Mail 1 Old Lyme, CT 06371 Weight: 0 lb 8.90 oz Acceptance Date: Wed 09/08/2021 \$0.00 Tracking #: 9405 5036 9930 0492 6101 75 Prepaid Mail 1 Old Lyme, CT 06371 Weight: 0 lb 8.90 oz \$0.00 Acceptance Date: Wed 09/08/2021 Tracking #: 9405 5036 9930 0492 6101 51

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