

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 : :
140 DUNCASTER ROAD, BLOOMFIELD, : FEBRUARY 4, 2022
CONNECTICUT : :

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

I. Introduction

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 140 Duncaster Road (aka 142 Duncaster Rd), Bloomfield, Connecticut (the “Existing Facility”).

II. Existing Facility

The Existing Facility is located on an approximately 0.47-acre parcel owned by Southern New England Telephone. The Facility consists of a 87-foot utility structure (Structure # 3147) with an approximately 14-foot antenna mast extension, which is owned by the Connecticut Light & Power Co. (dba Eversource Energy). **Attachment 1** contains the owner’s authorization permitting T-Mobile to file this Petition. The Facility was originally approved for T-Mobile’s shared use by the Council on July 25, 2000, as documented in **Attachment 2**.

III. T-Mobile Facility

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 diesel generator for emergency back-up power.

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

existing utility structure on the Southwest side. T-Mobile will install the new generator on a proposed 4' x 10' concrete pad immediately adjacent to its existing equipment. To accommodate the generator, T-Mobile will bump-out the Southeast fence line of the existing 19' x 17' compound by 9-feet, thereby increasing the size of the compound by 153 square feet. The proposed generator will be fueled via an integrated 240-gallon tank and 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. Physical Environmental Effects

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. Visual Effects

Given the height of the existing tower and antenna mast, 101' 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. Noise Effects

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 run-cycles 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 February 4, 2022, a copy of this Petition was sent to Town of Bloomfield Mayor Danielle Wong, Stanley D. Hawthorne, Town Manager, and Jose Giner, Land Use Director. 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. Conclusion

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: Mayor Danielle Wong – Elected Official
Town of Bloomfield
800 Bloomfield Avenue
Bloomfield, CT 06002-0337

Stanley D. Hawthorne, Town Manager
Town of Bloomfield
800 Bloomfield Avenue
Bloomfield, CT 06002-0337

Jose Giner, Land Use Director
Town of Bloomfield
800 Bloomfield Avenue
Bloomfield, CT 06002-0337

Eversource Energy – Structure Owner

ATTACHMENT 1



56 Prospect Street,
Hartford, CT 06103

P.O. Box 270
Hartford, CT 06141-0270
(860) 665-5000

September 9, 2021

Mr. Sheldon Freinle
Northeast Site Solutions
420 Main St,
Sturbridge, MA 01566

RE: T-Mobile Antenna Site, CT11385A, Duncaster Rd, Bloomfield CT, Eversource structure 3147.

Dear Mr. Freinle:

Based on our review of the site drawings provided by Foresight LLC, we accept the location of the proposed diesel generator. The work as shown is for ground construction only.

Construction activities within the Eversource system rights-of-way must adhere to the clearance requirements provided in Attachment 1, "Operation of Equipment on NU Rights-of-Way" (OTRM 222).

Please contact Christopher Gelinis of Eversource Real Estate regarding leasing modifications for this site (christopher.gelinis@eversource.com), or me (richard.badon@eversource.com) with any questions.

Sincerely,

Richard Badon

Richard Badon
Transmission Line Engineering

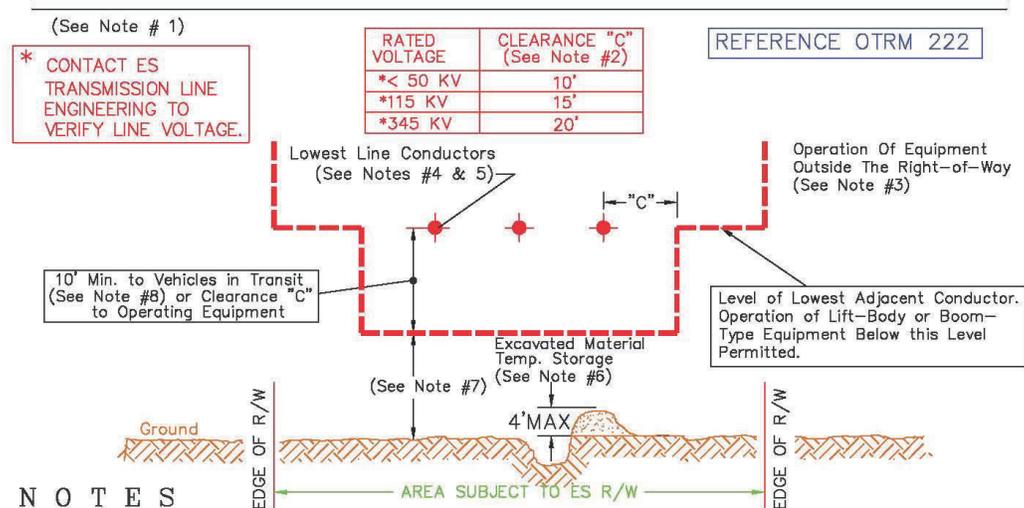
ref: CT11385A-NHP-CD-Rev 1-09.03.21

Eversource Overhead Transmission Standards

Attachment 1

ES VER: 05/2015

OPERATION OF EQUIPMENT UNDER AND ADJACENT TO EVERSOURCE LINES ON RIGHTS-OF-WAY



NOTES

- PRIOR WRITTEN APPROVAL FROM ES IS REQUIRED FOR ANY DEVELOPMENT ACTIVITY WITHIN RIGHT-OF-WAY.
- REFER TO OSHA 1926 SUBPART CC 1926.1407-1411 FOR DETAILED EXPLANATION PERTAINING TO THE REQUIREMENTS STIPULATED WITHIN THIS DOCUMENT.
- OPERATION OF LIFT BODY, BOOM-TYPE OR OTHER AERIAL EQUIPMENT OUTSIDE THE RIGHT-OF-WAY SHALL RECOGNIZE THE EXISTENCE OF ANY ENERGIZED CONDUCTORS. OPERATION SHALL BE SUCH THAT CLEARANCE "C" IS MAINTAINED AT ALL TIMES INCLUDING CONSIDERATION FOR UNEXPECTED OR ACCIDENTAL CONDITIONS (E.G. EMERGENCY LINE LOAD OR CRANE OVERTURN).
- THE NORMALLY OBSERVED CONDUCTOR HEIGHT ABOVE GROUND CAN RAPIDLY AND SIGNIFICANTLY DECREASE (TO AS LITTLE AS 19' @ 115kV, 24' @ 345kV, UNLESS OTHERWISE DETERMINED BY ES ENGINEERING STUDY) AT ANY TIME DUE TO AN UNAPPARENT EMERGENCY LINE LOAD. OSHA EQUIPMENT CLEARANCES MUST BE MAINTAINED FROM THE LOWEST POTENTIAL POSITION OF THE CONDUCTOR.
- A SPOTTER IN COMMUNICATION WITH THE EQUIPMENT OPERATOR MUST USE A REMOTE MEASURING DEVICE (E.G. SONIC OR LASER) TO MONITOR CONDUCTOR HEIGHTS DURING WORK WITHIN THE RIGHT-OF-WAY.
- ONLY AFTER WRITTEN APPROVAL FROM ES TRANSMISSION LINE ENGINEERING: EXCAVATED MATERIAL MAY BE STORED TEMPORARILY AT A HEIGHT NOT TO EXCEED 4 FEET ABOVE ORIGINAL GRADE. NO EQUIPMENT OR VEHICLE OF ANY KIND IS ALLOWED ON EXCAVATED MATERIAL ABOVE ORIGINAL GRADE.
- 13'-6" MAXIMUM LEGAL OVER-THE-ROAD VEHICLES MAY RESULT IN A VIOLATION OF OSHA REGULATIONS IN OFF-ROAD AREAS.
- CLEARANCES MAY EXIST TO SATISFY OSHA EQUIPMENT IN-TRANSIT RULE BUT NOT OPERATION RULE.

3/11/2016 12:57 PM - gleasml - S:\09000\09000-99001.dwg - As Built

EVSOURCE ENERGY				
OPERATION OF EQUIPMENT ON EVERSOURCE RIGHTS-OF-WAY				
BY	R. MINNICH	CRD	APP	APP
DATE		DATE	DATE	DATE
H-SCALE	N.T.S.	SIZE	A	
V-SCALE	N.T.S.	V.S.	FIELD BOOK & PAGES	
R/E. PROJ. NUMBER				R/E. DWG
				DWG NO. 09000-99001

NO.	DATE	AS BUILT REVISIONS	BY	CHK	APP	APP
7	3/16	REVISED TO REFLECT EVERSOURCE TITLEBLOCK WO #DNCSOP04	MLG		CPS	
6	7/22/14	ADDED INSTANT ELECTRIC TO TITLE BLOCK	RRH		CPS	
5	7/20/11	REVISED NOTE #8	RRH	NEW	KMS	
4	2/11	REVISED TO REFLECT NEW OSHA REGULATION	RRH	NEW	KMS	
3	7/08	115KV & 345KV OSHA CLEARANCES	RDC	MRC	DEH	
2	10/95	NEW DWG, CAD VERSION				
1	1/91	GENERAL REVISION	RM	JER		

Operation of Equipment on Eversource Rights-of-Way

Eversource Approved by: CPS (CT/WMA) JCC (NH/EMA)	Construction	OTRM 222	Rev.4
		Page 3 of 3	05/14/2018



Property Information

Property Location	140 DUNCASTER RD
Owner	CONN LIGHT & POWER CO
Co-Owner	ATTN: PROPERTY TAX DEPT
Mailing Address	P O BOX 270 HARTFORD CT 06141
Land Use	100 Residential Land
Land Class	R
Zoning Code	R-40
Census Tract	0000

Site Index	6
Acreage	2.63
Utilities	
Lot Setting/Desc	
Fire District	C
Book / Page	0292/0097

Primary Construction Details

Year Built	0
Building Desc.	Residential Land
Building Style	UNKNOWN
Building Grade	
Stories	
Occupancy	
Exterior Walls	
Exterior Walls 2	NA
Roof Style	
Roof Cover	
Interior Walls	
Interior Walls 2	NA
Interior Floors 1	
Interior Floors 2	

Heating Fuel	
Heating Type	
AC Type	
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Bsmt Fin Area	0
Rec Rm Area	0
Bsmt Gar	0
Fireplaces	0

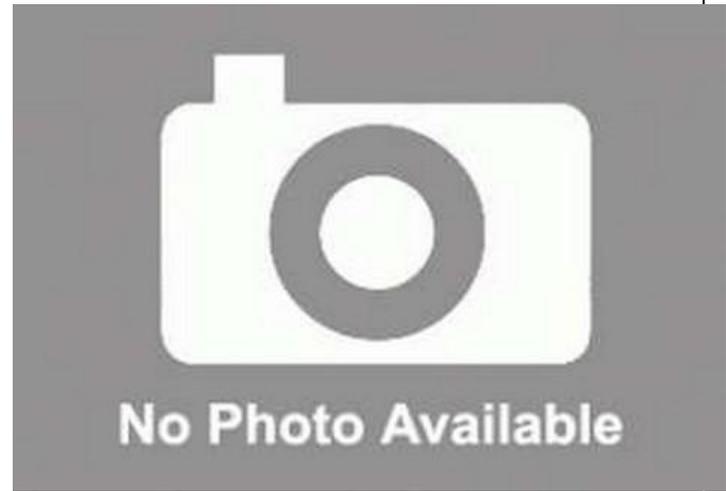
(*Industrial / Commercial Details)

Building Use	Vacant
Building Condition	
Sprinkler %	NA
Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA
Foundation	NA

Photo



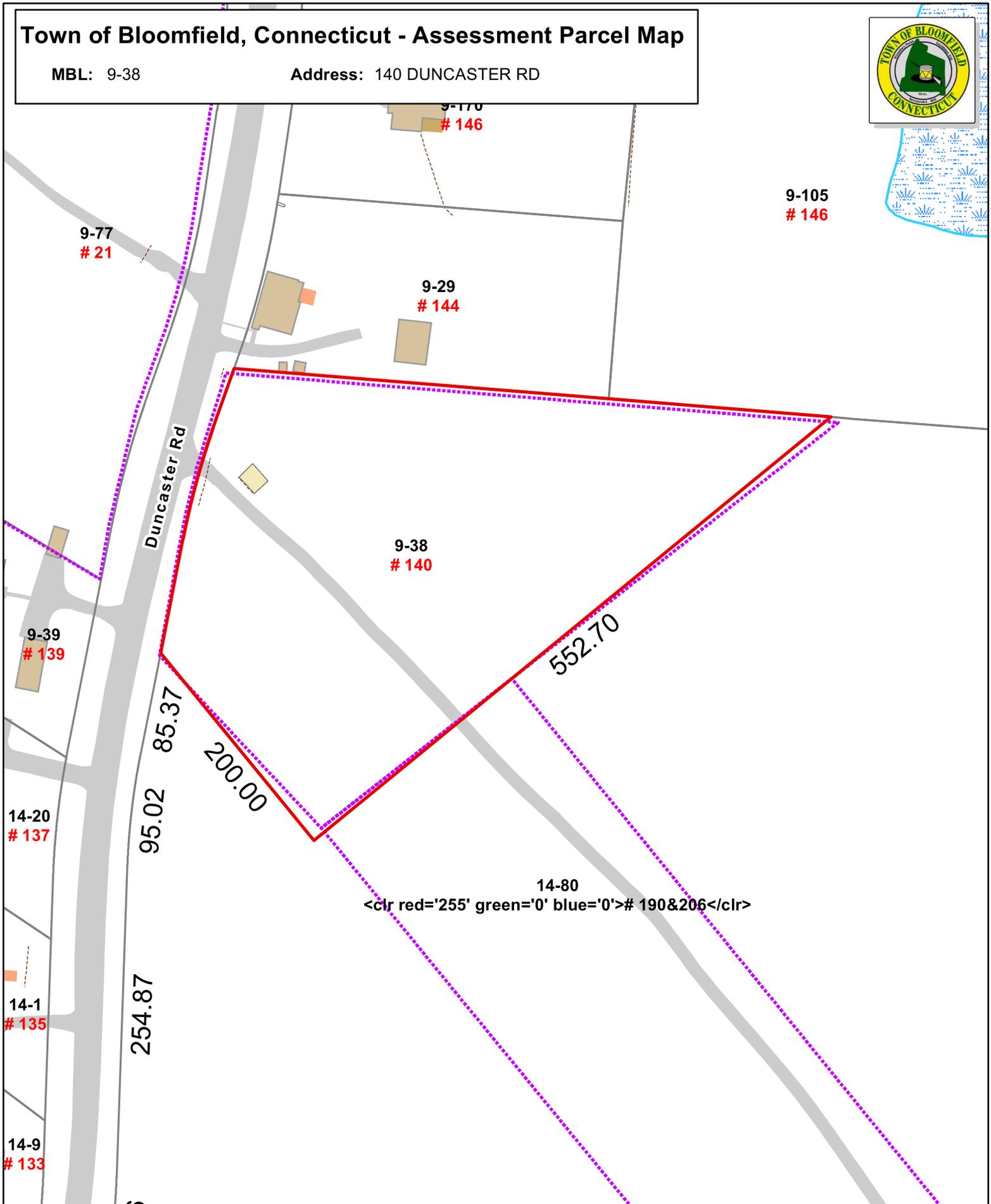
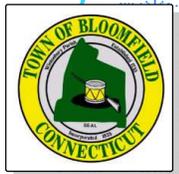
Sketch



Town of Bloomfield, Connecticut - Assessment Parcel Map

MBL: 9-38

Address: 140 DUNCASTER RD



Approximate Scale:
1 inch = 100 feet

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

Map Produced December 2021

ATTACHMENT 2

Petition No. 472
Voicestream Wireless
Bloomfield, Connecticut
Staff Report
July 25, 2000

On July 21, 2000, Connecticut Siting Council (Council) member Daniel P. Lynch, Jr., and Fred Cunliffe of Council staff met Voicestream Wireless (Voicestream) representatives J. Brendan Sharkey, Esq., Chetan Dharduk, Kemp Morhardt, and Bill Crumb for inspection of a Connecticut Light & Power Company (CL&P) electric transmission line structure (no. 3147) located off Duncaster Road in Bloomfield. Voicestream, with the agreement of CL&P, proposes to modify the transmission structure for telecommunications use and is petitioning the Council for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (Certificate) is required for the modification.

Voicestream proposes to attach a 4.5-inch diameter pipe extending the existing lattice structure height of 87 feet by 17 feet four inches for a total height of approximately 104 feet four inches. A structural analysis concludes the proposed telecommunications equipment does not overstress the existing CL&P structure; however, to transfer wind shear, the engineering report does recommend that a special connection on the wave guide ladder be made at various levels on the structure. Voicestream proposes to install two low profile antenna cluster mounts (three antennas per elevation) with centers of radiation at 161 feet and 95 feet 4 inches on the pipe. Voicestream also proposes to place associated equipment cabinets on a concrete foundation within an 11-foot by 13-foot compound secured by a six-foot chain link fence.

CL&P's structure is approximately 70 feet from Duncaster Road. Access after construction would be on foot. Utilities would be placed underground within CL&P's property from an existing distribution pole located approximately 80 feet north of the proposed site.

Surrounding land uses include the transmission lines, single-family residences and farmland. The zoning of the proposed site is R-40 Residential District. The nearest home is approximately 150 feet to the north. Voicestream has contacted the three homeowners within 300 feet of the structure with details of the proposed petition.

The worst case power density for the telecommunications operations at the site has been calculated to be less than six percent of the applicable standard for uncontrolled environments.

Council staff recommends that the fence be architecturally treated and landscaping be placed around the perimeter of the fence.

Voicestream contends that the proposed installation will not cause a substantial adverse environmental effect, and for this reason would not require a Certificate.

ATTACHMENT 3

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ZONING DRAWINGS

MODIFICATION OF EXISTING WIRELESS FACILITY BY



T-MOBILE NORTHEAST LLC
PROJECT TITLE: NATIONAL HARDENING

SITE NUMBER: CT11385A
SITE NAME: BLOOMFIELD/RT187/RT 189

SITE ADDRESS:
CL&P STRUCTURE# 3147
142 DUNCASTER ROAD
BLOOMFIELD, CT 06002

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC

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

PROJECT MANAGER

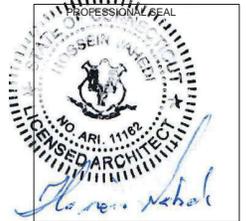


420 MAIN STREET, BLDG 4
 STURBRIDGE, MA 01566
 203-275-6669

ENGINEERING CONSULTANT:



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



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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, 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.

811 or 1-800-922-4455
Advance Notice:
 Minimum of 2 working days in advance, no more than 30 days in advance

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:

FSA CM	DATE
RF ENGINEER	DATE
FOPS	DATE
T-MOBILE ENGINEERING AND DEVELOPMENT	DATE
	DATE
	DATE

SITE IMAGE:



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: 142 DUNCASTER ROAD
 BLOOMFIELD, CT 06002
 MAP BLOCK LOT: 370-2
 PID: 1484
 USE CODE: 100 RESIDENTIAL LAND
 ZONING CODE: R-40
 LAND CLASS: R
 ACREAGE: 2.63
 COORDINATES: 41° 51' 55.33" N 72° 45' 42.85" W
 GROUND ELEV: 225± (AMSL)

PROJECT TEAM:

APPLICANT: T-MOBILE NORTHEAST, LLC.
 35 GRIFFIN ROAD SOUTH
 BLOOMFIELD, CT 06002
 860-692-7100

PROPERTY OWNER: CONN LIGHT AND POWER CO
 PO BOX 270
 HARTFORD, CT 06141

PROJECT MANAGER: NORTHEAST SITE SOLUTIONS
 420 MAIN STREET, BLDG 4
 STURBRIDGE, MA 01566
 SHELDON FREINCLE
 SHELDON@NORTHEASTSITESOLUTIONS.COM
 201-776-8521

ENGINEERING CONSULTANTS: FORESITE LLC
 462 WALNUT ST
 NEWTON, MA 02460
 SAEED MOSSAVAT
 SMOSSAVAT@FORESITELLC.COM
 617-212-3123

SHEET INDEX:

- T-1: TITLE SHEET
- C-1: 200' RADIUS MAP
- A-1: PLOT PLAN
- A-2: SITE PLAN
- A-3: GENERATOR SPECIFICATIONS
- A-4: GENERATOR SPECIFICATIONS

SITE VICINITY :



REV	DESCRIPTION	DATE
A	PRELIMINARY	08/02/21
B	REVISED PER COMMENTS	08/03/21
0	FINAL ISSUED	08/10/21
1	FENCE DETAILS ADDED	09/03/21
2	RADIUS MAP ADDED	09/03/21

SITE NUMBER: CT11385A
SITE NAME: BLOOMFIELD/RT187/RT 189
SITE ADDRESS: 142 DUNCASTER ROAD
BLOOMFIELD, CT 06002

SHEET TITLE:
T-1: TITLE SHEET

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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 PROJECT.
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 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

ENGINEERING CONSULTANT:

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


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REV	DESCRIPTION	DATE
A	PRELIMINARY	08/02/21
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1	FENCE DETAILS ADDED	09/03/21
2	RADIUS MAP ADDED	09/03/21

SITE NUMBER: CT11385A
 SITE NAME: BLOOMFIELD/RT187/RT 189
 SITE ADDRESS: 142 DUNCASTER ROAD
 BLOOMFIELD, CT 06002

SHEET TITLE:
 N-1: GENERAL NOTES

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Town of Bloomfield, CT
GIS Legend

- Contours**
- 100 ft
 - 50 ft
 - 20 ft
 - 10 ft
 - 5 ft
- Groundwater**
- GA, GAAs
 - GB
 - GC
 - GA, GAA May be impaired
 - Water
- Surface Water**
- A
 - AA
 - B, B'
 - SA
 - SB
- Flood Hazard Area**
- FEMA Symbol**
- A
 - AE
 - AE FLOODWAY
 - X
 - BaseFloodElev
- Farmland Soils**
- Prime Farmland Soils
 - Statewide Important Farmland Soils
 - Locally Important Farmland Soils
- Zoning**
- ZONE**
- Talcott Mtn Overlay [TMO]
 - Special Dev. District [SDD]
 - Bloomfield Center District [BCD]
 - Gateway [GWD]
 - Residential [R-80]
 - Residential [R-40]
 - Residential [R-30]
 - Residential [R-20]
 - Residential [R-15]
 - Residential [R-10]
 - Planned Elderly Congregate [PEC]
 - Business [B]
 - Industrial [IND-1]
 - Industrial [IND-2]
 - Multi-Family Elderly Residential [MFER]
 - Garden Apartments [GA]
 - Professional Office [PO]
 - Planned Luxury Residential [PLR]
 - Designed Development Zone [DDZ]
- Structures**
- CODE**
- Deck Outline
 - Patio Outline
 - Pier Outline
 - Pool Outline (Permanent)
 - Fence
 - Curb
 - Right of way
 - Sidewalk
 - Driveway
 - Parking
 - Watercourses
 - Drainage Course
 - Buildings
 - Swamps
 - Vernal Pool
 - Detention Ponds
- Soils**
- Poorly Drained Soils
 - Very Poorly Drained Soils
- Intermittent Water**
- Flats
 - Rocks
 - Inundated Area
 - Marsh
 - Cranberry Bog
 - Dam
 - Fish Hatchery
 - Aqueduct
 - Sewage Pond
 - Water Tank

TOWN OF BLOOMFIELD, CONNECTICUT
200' radius abutter's list

Parcel ID	Site Address	Owner Name	Mailing Address	Mailing City	Mailing State	Mailing Zip
451-6A	21 ADAMS RD	CONN LIGHT & POWER CO	P O BOX 270	HARTFORD	CT	06141-0000
370-2	140 DUNCASTER RD	CONN LIGHT & POWER CO	P O BOX 270	HARTFORD	CT	06141-0000
370-2	137 DUNCASTER RD	BRICKMAN SETH B	137 DUNCASTER RD	BLOOMFIELD	CT	06002-0000
370-2007	146 DUNCASTER RD	FAZIO GILBERT JR	146 DUNCASTER RD	BLOOMFIELD	CT	06002-0000
370-1	139 DUNCASTER RD	HACKETT TERRIS & PETRINA (SURV)	139 DUNCASTER RD	BLOOMFIELD	CT	06002-0000
370-2010	146 R DUNCASTER RD	WABREK KURT G &	146R DUNCASTER ROAD	BLOOMFIELD	CT	06002-0000
370-1039	144 DUNCASTER RD	SOUSA JUSTIN M	144 DUNCASTER RD	BLOOMFIELD	CT	06002-0000
370-371.1	190&206 TERRY PLAINS RD	BLOOMFIELD TOWN OF	800 BLOOMFIELD AVENUE	BLOOMFIELD	CT	06002-0000



RADIUS MAP
SCALE: 1/128" = 1'-0" 1 C-1

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC

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

PROJECT MANAGER

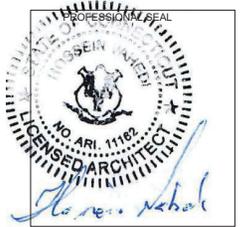


420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669

ENGINEERING CONSULTANT:



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



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BLOOMFIELD, CT 06002

SHEET TITLE:
C-1: RADIUS MAP

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PLOT PLAN
 SCALE: 1" = 40'

1
A-1

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC
 35 GRIFFIN ROAD SOUTH
 BLOOMFIELD, CT 06002
 860-692-7100

PROJECT MANAGER

NORTHEAST
 SITE SOLUTIONS
Proven. Proven. Proven.
 420 MAIN STREET, BLDG 4
 STURBRIDGE, MA 01566
 203-275-6669

ENGINEERING CONSULTANT:
FORESITE LLC
Architects, Engineers, Surveyors
 462 WALNUT STREET, SUITE 1
 NEWTON, MA 02460
 617-212-3123



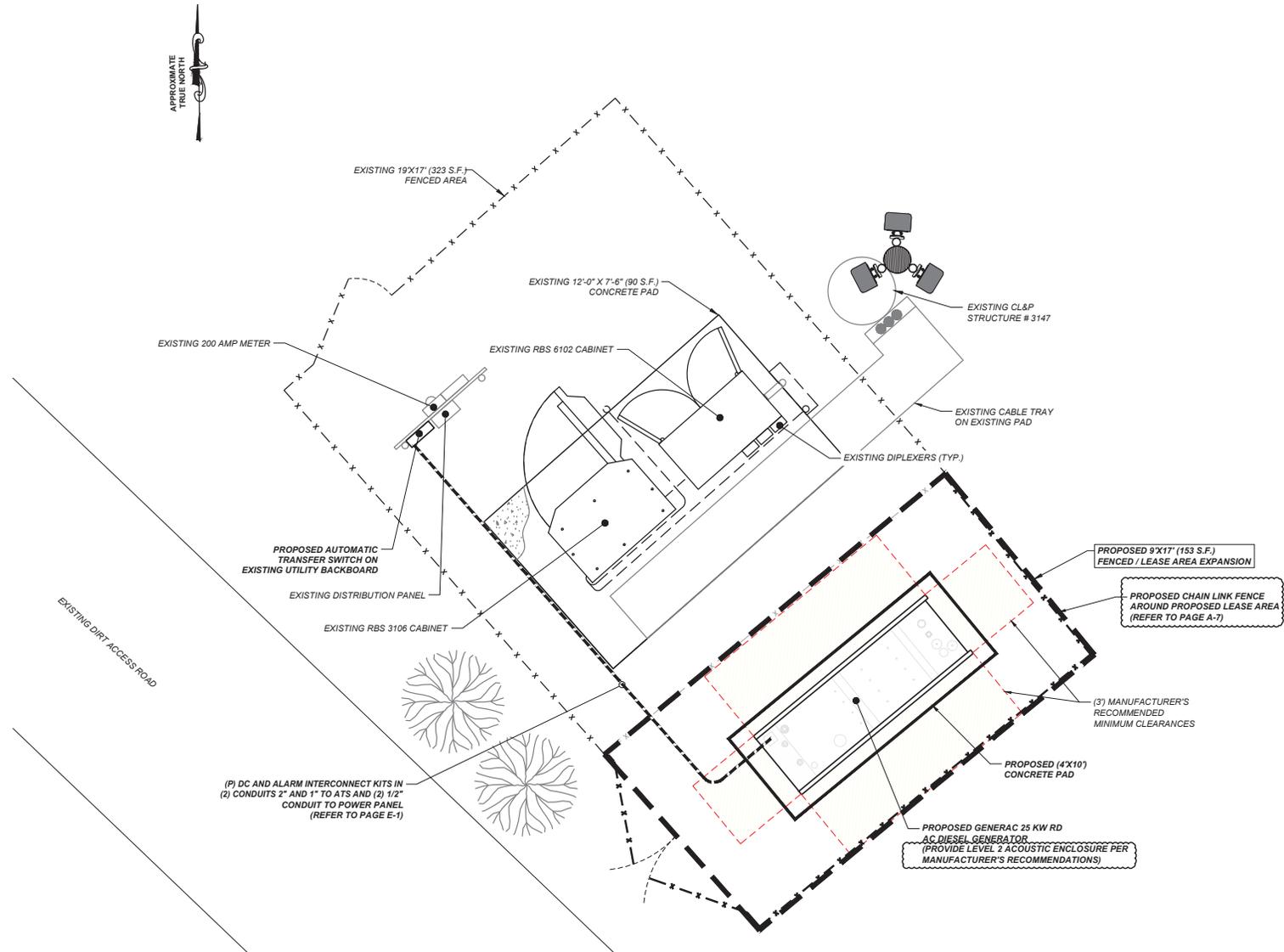
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SHEET TITLE:
 A-1: PLOT PLAN

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PARTIAL SITE PLAN 1
SCALE: 1/4" = 1'-0" A-2

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC
 35 GRIFFIN ROAD SOUTH
 BLOOMFIELD, CT 06002
 860-692-7100

PROJECT MANAGER

NORTHEAST
 SITE SOLUTIONS
Proven. Proactive. Professional.
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 203-275-6669

ENGINEERING CONSULTANT:
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 Architects, Engineers, Surveyors
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 NEWTON, MA 02460
 617-212-3123



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SHEET TITLE:
 A-2: SITE PLAN

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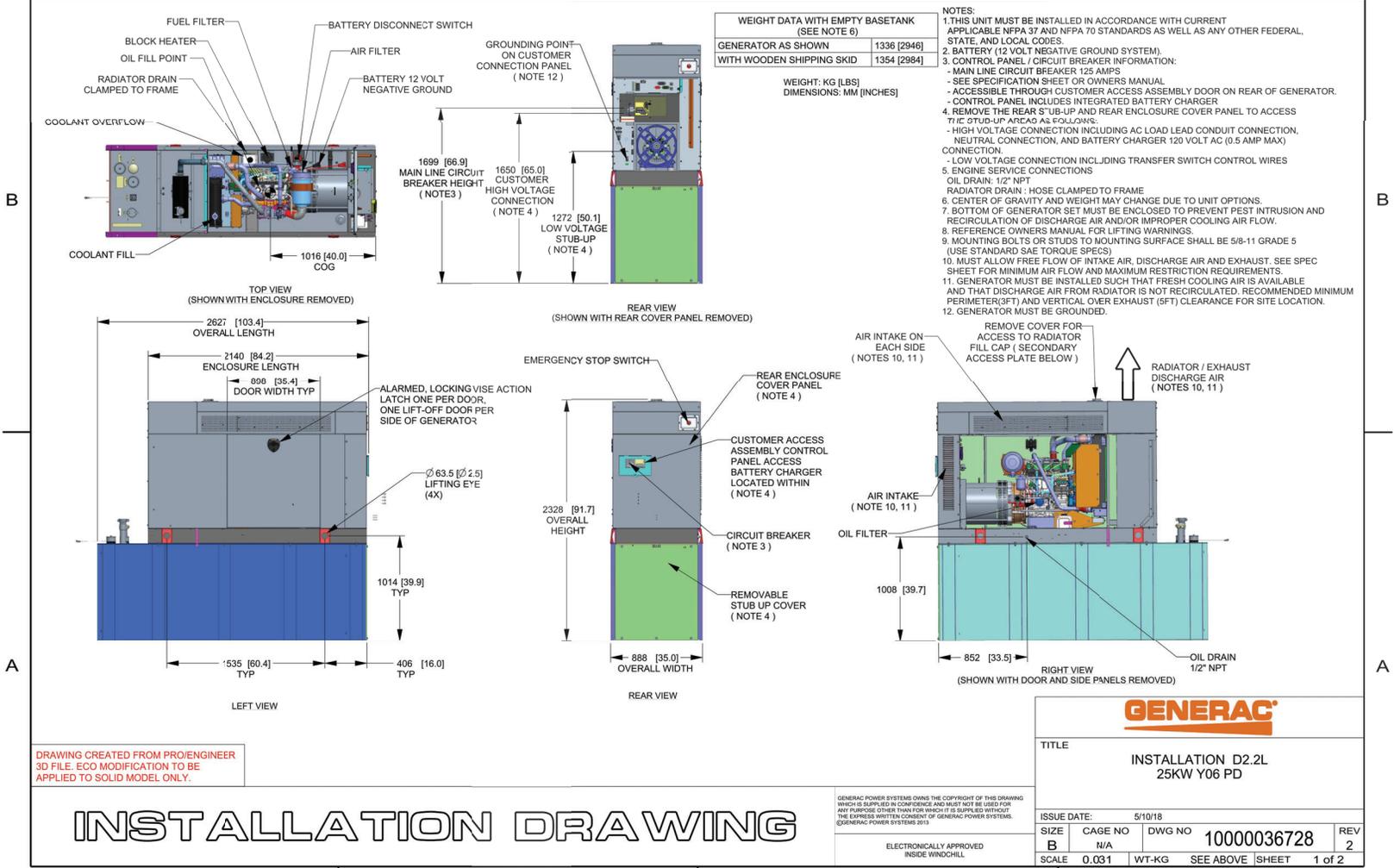
GENERAC RD 25 KW AC DIESEL GENERATOR AND TANK

SH 1/2 REV 2 WINDCHILL VERSION 2.12

WEIGHT DATA WITH EMPTY BASE TANK (SEE NOTE 6)	
GENERATOR AS SHOWN	1336 [2946]
WITH WOODEN SHIPPING SKID	1354 [2984]

WEIGHT: KG (LBS)
DIMENSIONS: MM (INCHES)

- NOTES:**
- THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE, AND LOCAL CODES.
 - BATTERY (12 VOLT NEGATIVE GROUND SYSTEM).
 - CONTROL PANEL / CIRCUIT BREAKER INFORMATION:
 - MAIN LINE CIRCUIT BREAKER 125 AMPS
 - SEE SPECIFICATION SHEET OR OWNERS MANUAL
 - ACCESSIBLE THROUGH CUSTOMER ACCESS ASSEMBLY DOOR ON REAR OF GENERATOR.
 - CONTROL PANEL INCLUDES INTEGRATED BATTERY CHARGER
 - REMOVE THE REAR S' UP-UP AND REAR ENCLOSURE COVER PANEL TO ACCESS THE STUD-UP ARCA AS FOLLOWS:
 - HIGH VOLTAGE CONNECTION INCLUDING AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, AND BATTERY CHARGER 120 VOLT AC (0.5 AMP MAX) CONNECTION.
 - LOW VOLTAGE CONNECTION INCLUDING TRANSFER SWITCH CONTROL WIRES
 - ENGINE SERVICE CONNECTIONS
 - OIL DRAIN: 1/2" NPT
 - RADIATOR DRAIN : HOSE CLAMPED TO FRAME
 - CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.
 - BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
 - REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
 - MOUNTING BOLTS OR STUDS TO MOUNTING SURFACE SHALL BE 5/8-11 GRADE 5 (USE STANDARD SAE TORQUE SPECS)
 - MUST ALLOW FREE FLOW OF INTAKE AIR, DISCHARGE AIR AND EXHAUST. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
 - GENERATOR MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND THAT DISCHARGE AIR FROM RADIATOR IS NOT RECIRCULATED. RECOMMENDED MINIMUM PERIMETER(3FT) AND VERTICAL OVER EXHAUST (5FT) CLEARANCE FOR SITE LOCATION.
 - GENERATOR MUST BE GROUNDED.



DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

INSTALLATION DRAWING

GENERAC			
TITLE			
INSTALLATION D2.2L 25KW Y06 PD			
ISSUE DATE: 5/10/18			
SIZE B	CAGE NO N/A	DWG NO 1000036728	REV 2
SCALE 0.031	WT-KG	SEE ABOVE	SHEET 1 of 2

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERATOR SPECIFICATIONS 1
N.T.S. A-3

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC
35 GRIFFIN ROAD SOUTH
BLOOMFIELD, CT 06002
860-692-7100

PROJECT MANAGER
NORTHEAST
SITE SOLUTIONS
Ready Wins! Design!
420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669

ENGINEERING CONSULTANT:
FORESITE LLC
Architects, Engineers, Surveyors
462 WALNUT STREET, SUITE 1
NEWTON, MA 02460
617-212-3123

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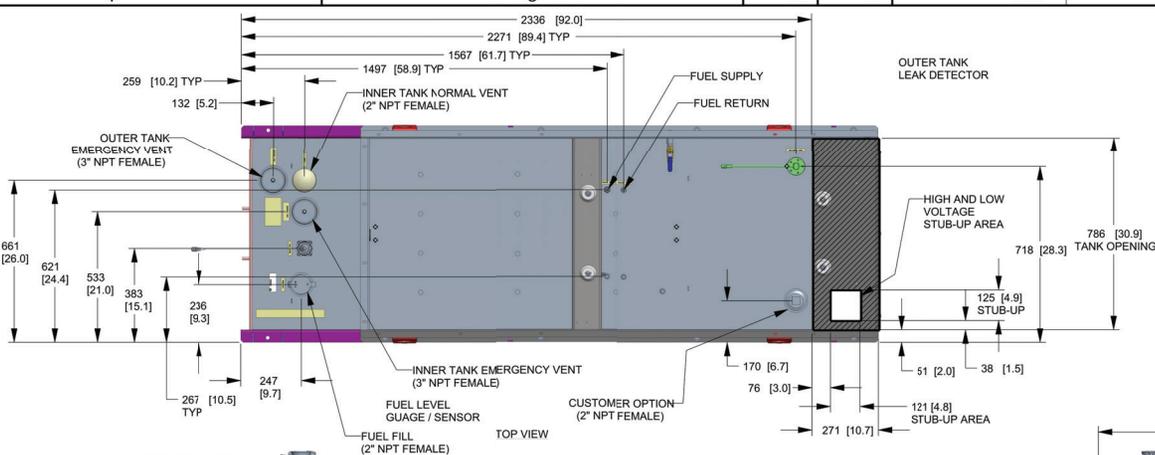
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BLOOMFIELD, CT 06002

SHEET TITLE:
A-3: GENERATOR SPECIFICATIONS

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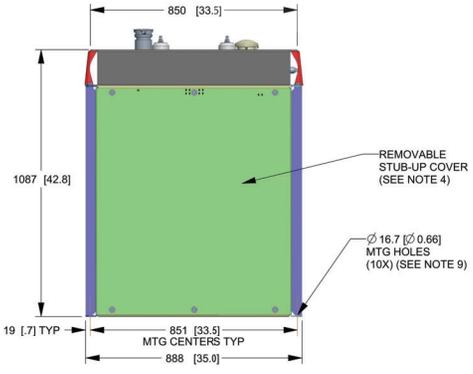
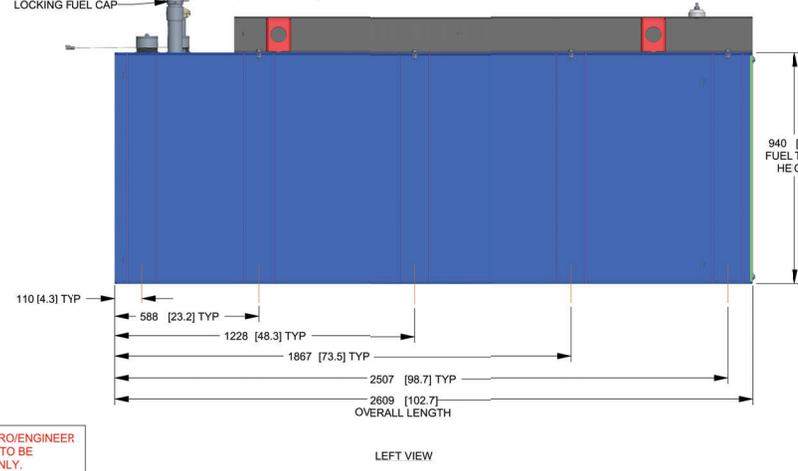
SH 2/2 REV 2 WINDCHILL VERSION 2.12



FUEL TANK	
TOTAL CAPACITY	908.5 (240)
USABLE CAPACITY	866.9 (229)

CAPACITY: LITER (GALLON)
DIMENSIONS: MM (INCH)
TANK IS LISTED TO UL142 AND ULC5601

NOTE:
STUB-UP AREA FOR HIGH AND LOW VOLTAGE CONNECTIONS
CIRCUIT BREAKER, NEUTRAL AND CUSTOMER CONNECTION OPENING.



GENERAC			
TITLE INSTALLATION D2.2L 25KW Y06 PD			
ISSUE DATE: 5/10/18			
SIZE	CAGE NO	DWG NO	REV
B	N/A	1000036728	2
SCALE	0.063	WT-KG	SEE ABOVE
		SHEET	2 of 2

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INSTALLATION DRAWING

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ELECTRONICALLY APPROVED INSIDE WINDCHILL

GENERATOR SPECIFICATIONS 1
N.T.S. A-4

APPLICANT:
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

ENGINEERING CONSULTANT:



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



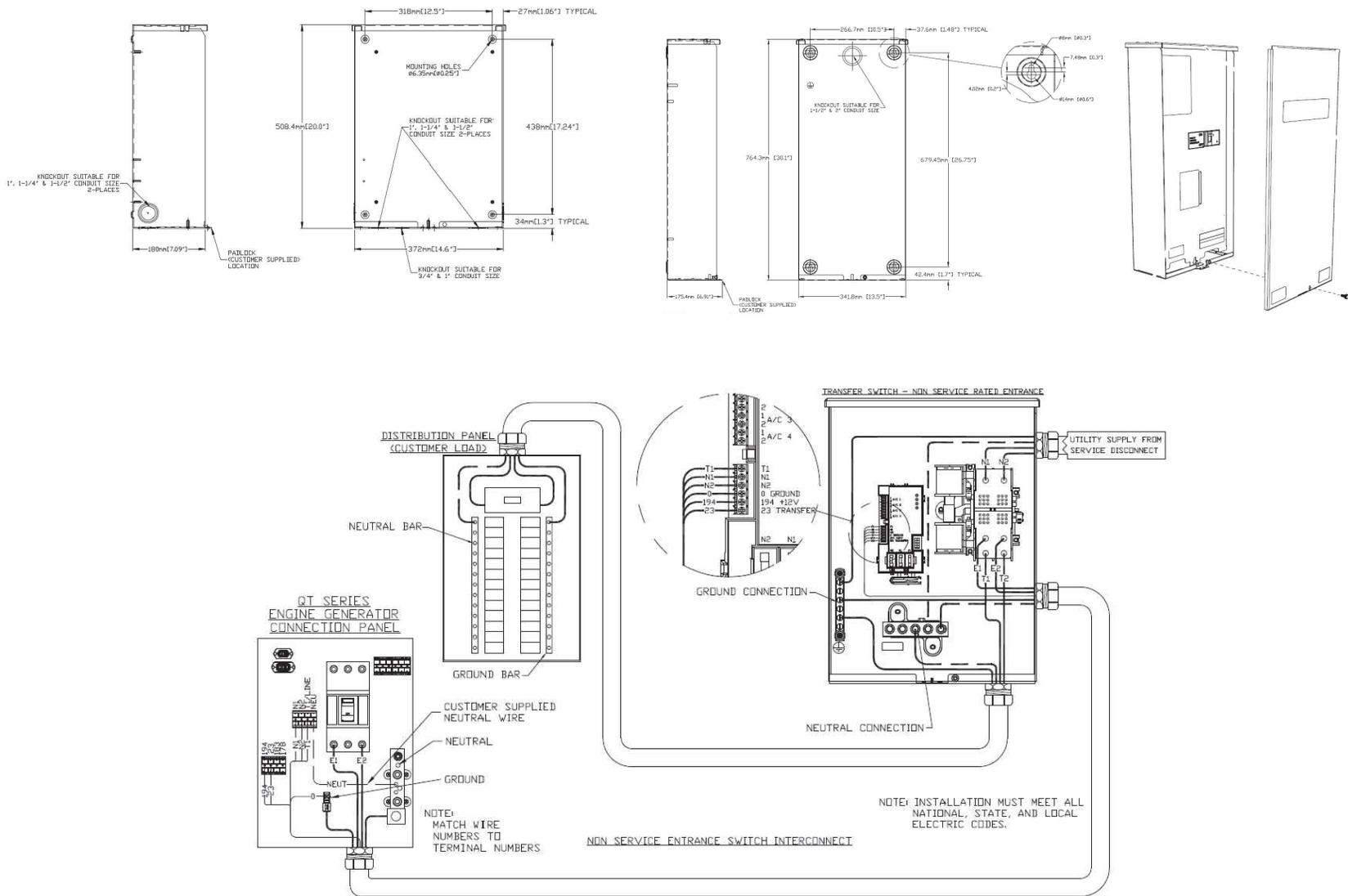
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BLOOMFIELD, CT 06002

SHEET TITLE:
A-4: GENERATOR SPECIFICATIONS

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AUTOMATIC TRANSFER SWITCH DETAILS 1
SCALE: N.T.S. A-5

APPLICANT:
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

ENGINEERING CONSULTANT:
FORESITE LLC
Architects, Engineers, Surveyors
 462 WALNUT STREET, SUITE 1
 NEWTON, MA 02460
 617-212-3123



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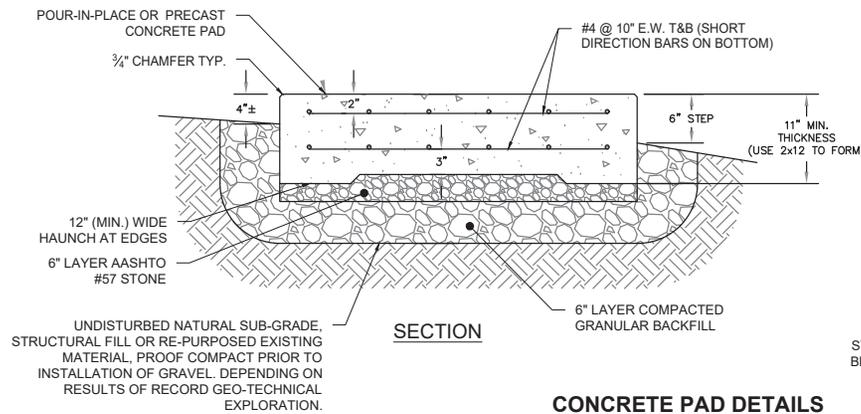
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 BLOOMFIELD, CT 06002

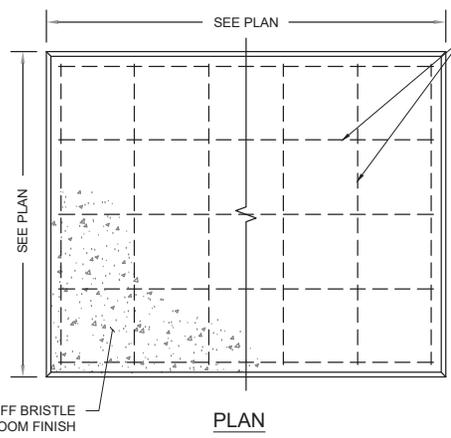
SHEET TITLE:
 A-5: AUTOMATIC TRANSFER SWITCH
 DETAILS

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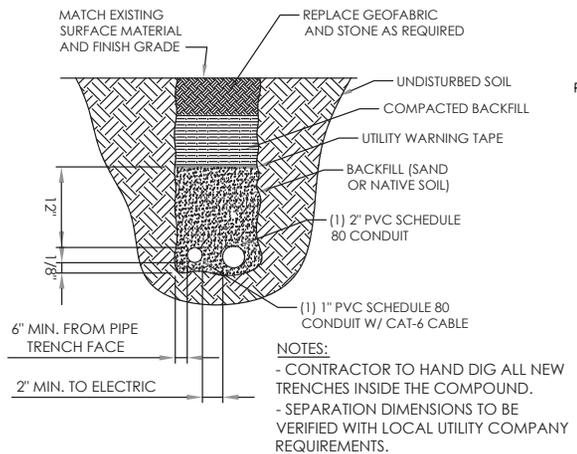
CONSTRUCTION NOTES:
 - (HAND-DUG UTILITY TRENCH EXCAVATION REQUIRED):
 - EXISTING UNDERGROUND UTILITY LOCATIONS ARE UNKNOWN. GENERAL CONTRACTOR SHALL HAND-EXCAVATE TO REQUIRED SUB-GRADE DEPTH, SUFFICIENT TEST HOLES.
 ALL PROPOSED UNDERGROUND UTILITY TRENCHES SHALL BE HAND-EXCAVATE AS REQUIRED.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED SPECIAL TEMPORARY PROTECTION OF, PHYSICAL DAMAGE TO, OR REPAIR OF EXISTING UNDERGROUND CONDUIT INCLUDING RESTORATION OF SERVICE.



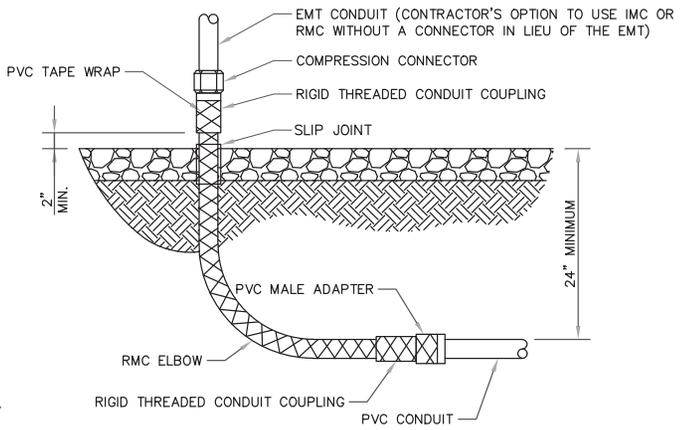
CONCRETE PAD DETAILS
 SCALE: N.T.S. 1
A-6



- NOTES:**
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.



TRENCH DETAIL
 SCALE: N.T.S. 2
A-6



UNDERGROUND CONDUIT STUB UP
 SCALE: N.T.S. 3
A-6

ALL METAL CONDUIT INSTALLED IN DIRECT CONTACT WITH THE EARTH SHALL BE CONSIDERED TO BE INSTALLED IN A SEVERELY CORROSIVE ENVIRONMENT AND IS REQUIRED TO HAVE SUPPLEMENTAL PROTECTION AGAINST CORROSION (NEC ARTICLE 342.10(B) & 344.10(B)(1)). THIS PROTECTION SHALL EITHER BE AN APPROVED MANUFACTURER INSTALLED PROTECTIVE COATING ON THE CONDUIT OR SHALL BE (2) LAYERS OF 10 MIL PVC PIPE WRAP TAPE INSTALLED USING OPPOSING SPIRAL WRAPS. ON VERTICAL PIPE THE OUTSIDE LAYER OF TAPE SHALL BE WRAPPED SO AS TO PROVIDE SHEDDING OF WATER (i.e. TAPE SHOULD WRAP IN AN UPWARD DIRECTION WITH LOWER WRAP BEING BENEATH THE WRAP ABOVE). SPIRAL WRAPS SHALL HAVE A MINIMUM OF 1/4" OVERLAP WITH THE PRECEDING TAPE WRAP. ANY OTHER METHODS OF CORROSION PROTECTION SHALL REQUIRE APPROVAL BY THE ENGINEER OF RECORD PRIOR TO BEING USED.

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC
 35 GRIFFIN ROAD SOUTH
 BLOOMFIELD, CT 06002
 860-692-7100

PROJECT MANAGER
NORTHEAST
 SITE SOLUTIONS
 Family Window Design
 420 MAIN STREET, BLDG 4
 STURBRIDGE, MA 01566
 203-275-6669

ENGINEERING CONSULTANT:
FORESITE LLC
 Architects, Engineers, Surveyors
 462 WALNUT STREET, SUITE 1
 NEWTON, MA 02460
 617-212-3123

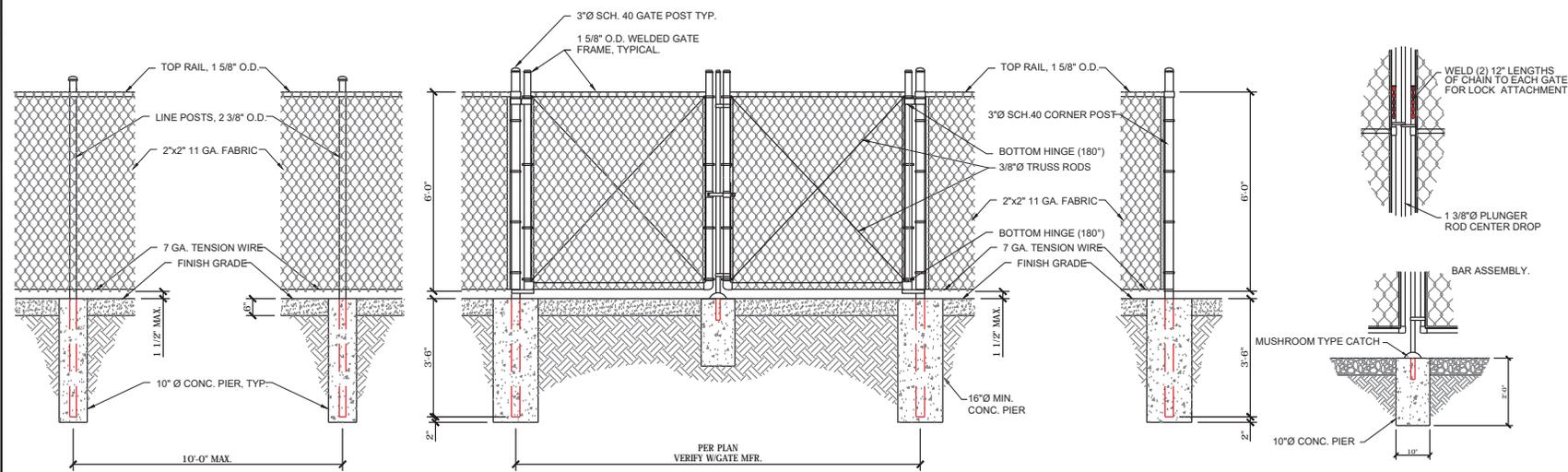
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SHEET TITLE:
 A-6: CONCRETE PAD AND UNDERGROUND CONDUIT DETAILS

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CHAIN LINK FENCE DETAILS
 SCALE: N.T.S.

1
 A-7

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC
 35 GRIFFIN ROAD SOUTH
 BLOOMFIELD, CT 06002
 860-692-7100

PROJECT MANAGER

NORTHEAST
 SITE SOLUTIONS
Ready. Think. Redesign.
 420 MAIN STREET, BLDG 4
 STURBRIDGE, MA 01566
 203-275-6669

ENGINEERING CONSULTANT:
FORESITE LLC
 Architects, Engineers, Surveyors
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SHEET TITLE:
 A-7: FENCE DETAILS

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GENERAL ELECTRICAL NOTES

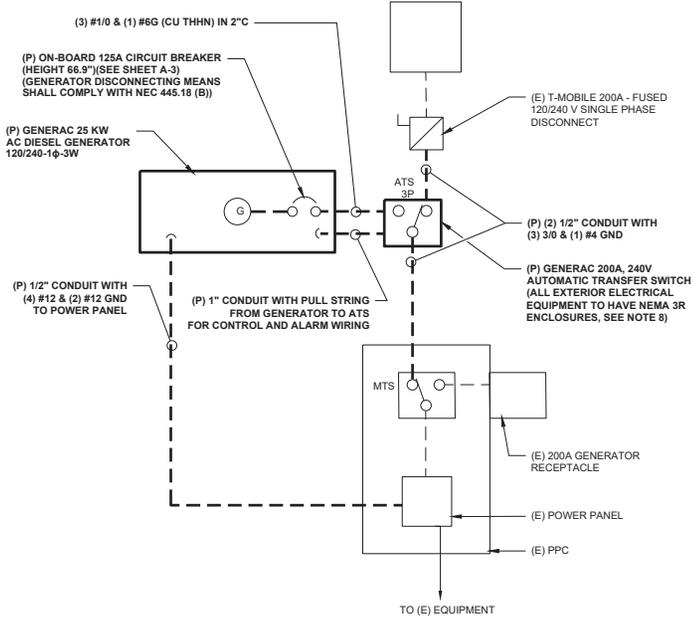
- ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES INCLUDING LATEST EDITIONS OF:
NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
UL - UNDERWRITERS LABORATORIES
NEC - 2017 NATIONAL ELECTRICAL CODE NEMA - NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
IBC - 2015 INTERNATIONAL BUILDING CODE
- ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PRODUCED PER SPECIFICATION REQUIREMENTS.
- THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.
- GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
- 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.
- RIGID STEEL CONDUITS SHALL BE GROUNDED AT BOTH ENDS.
- ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THWN, OR THIN INSULATION.
- ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NAME 3R ENCLOSURE.
- GROUNDED SHALL COMPLY WITH NEC ART. 250.
- GROUNDED COAX CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDED KITS SUPPLIED BY PROJECT OWNER.
- USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSTALLATION FOR ABOVE GRADE GROUNDED (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDED AS INDICATED ON THE GROUND.
- 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.
- ROUTE GROUNDED CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. EXCEPT AS OTHERWISE INDICATED. GROUNDED 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.
- 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).
- CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
- APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTION.
- TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION.
- BOND ANY METAL OBJECTS WITHIN 7 FEET OF PROPOSED EQUIPMENT OR CABINET TO MASTER GROUND BAR.
- VERIFY PROPOSED SERVICE UPGRADE WITH LOCAL UTILITY COMPANY PRIOR TO CONSTRUCTION.
- 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.
- PROVIDE SLIP JOINS WHERE CONDUITS TRANSITION FROM UNDERGROUND TO ABOVE GROUND.

NOTES:

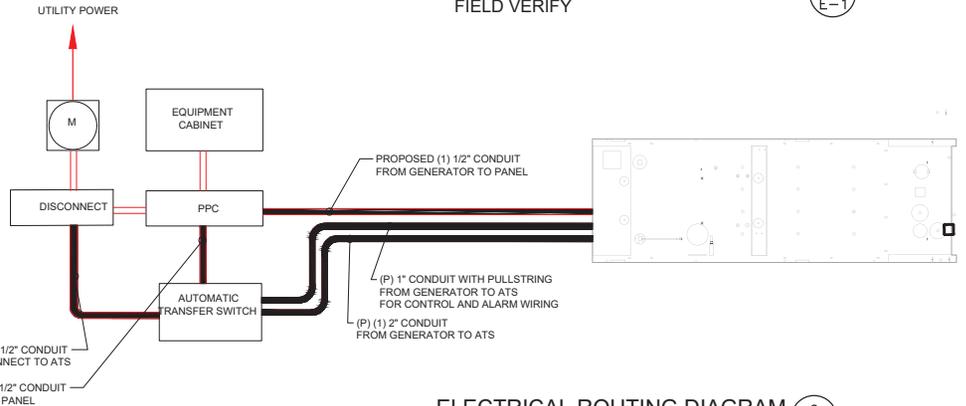
DIAGRAM AS SHOWN, IS A GENERIC ROUTING SCHEMATIC BASED ON AVAILABLE INFORMATION AND MAY NOT REPRESENT ACTUAL FIELD CONDITIONS. CONTRACTOR SHOULD INSTALL THE GENERATOR, EQUIPMENT AND CONNECTIONS BASED ON VERIFIED ELECTRICAL AUDITS AND PER MANUFACTURER'S INSTALLATION GUIDELINES AS WELL AS ALL APPLICABLE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

GROUNDED NOTES:

- GROUNDED SHALL COMPLY WITH NEC ART. 250 AND MANUFACTURER'S RECOMMENDATIONS. TIE INTO THE EXISTING GROUNDED SYSTEM.
- CONTRACTOR SHALL INSTALL GROUND RODS ON ALL UNDERGROUND GROUNDED RUNS LONGER THAN 10'. GROUND RODS WILL BE INSTALLED ON 20' CENTERS MAXIMUM.
- ALL DOWN CONDUCTORS MUST GO DOWN PER NFPA 780.
- CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHEN THE GROUNDED SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDED SYSTEM PRIOR TO BACKFILLING.
- CONTRACTOR MY USE EXISTING CONDUITS AND CONDUCTORS PROVIDED THEY ARE IN GOOD CONDITION AND ARE SUFFICIENTLY RATED.



TYP. ONE LINE DIAGRAM
FIELD VERIFY



ELECTRICAL ROUTING DIAGRAM
SCALE: N.T.S

APPLICANT:
T-Mobile
T-MOBILE NORTHEAST LLC

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

PROJECT MANAGER

NORTHEAST
SITE SOLUTIONS
Trinity Wireless Development
420 MAIN STREET, BLDG 4
STURBRIDGE, MA 01566
203-275-6669

ENGINEERING CONSULTANT:

FORESITE LLC
Architects, Engineers, Surveyors
462 WALNUT STREET, SUITE 1
NEWTON, MA 02460
617-212-3123



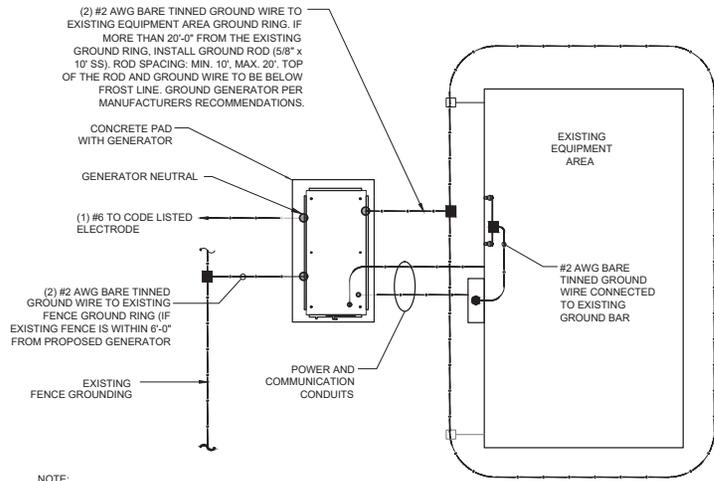
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REV	DESCRIPTION	DATE
A	PRELIMINARY	08/02/21
B	REVISED PER COMMENTS	08/03/21
0	FINAL ISSUED	08/10/21
1	FENCE DETAILS ADDED	09/03/21
2	RADIUS MAP ADDED	09/03/21

SITE NUMBER: CT11385A
SITE NAME: BLOOMFIELD/RT187/RT 189
SITE ADDRESS: 142 DUNCASTER ROAD
BLOOMFIELD, CT 06002

SHEET TITLE:
E-1: ELECTRICAL DETAILS

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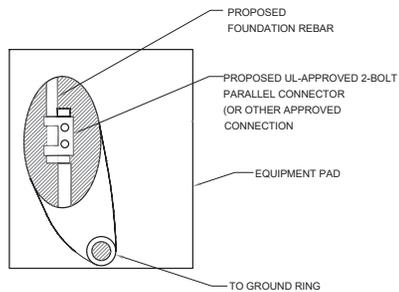
NOTE:
 1- PROVIDE GENERATOR NEUTRAL GROUND AS A SEPARATELY- DERIVED SYSTEM PER NEC / NFPA 70 - 250.30A.
 2- FOR ACTUAL ORIENTATION OF GENERATOR, PAD, FENCE, TOWER & UNDER GROUND POWER/TELCO SEE PAGE A-1.

NOTE:
 VERIFY QTY., LENGTH, TYPE & CONFIGURATION OF GROUND RODS TO ENSURE SYSTEM PROVIDES GROUND RESISTANCE OF 5 OHMS OR LESS

GROUND PLAN 1
 NTS G-1

NOTES:

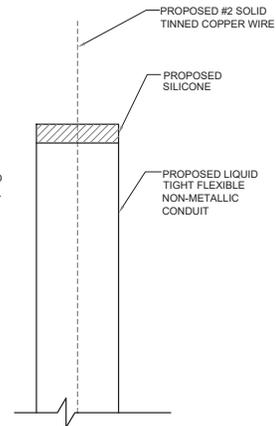
1. CONNECTION SHALL BE COVERED BY NO LESS THAN 2" OF CONCRETE.
2. ATTEMPT TO MAKE CONNECTION TO A 6"-0" RUN OF REBAR OR GREATER.
3. APPLY HEAT SHRINK OR ELECTRICAL TAPE AROUND THE CONDUCTOR TO AVOID CORROSION.



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.



GROUND WIRE WEATHERPROOFING 3
 NTS G-1

APPLICANT:

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

ENGINEERING CONSULTANT:

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



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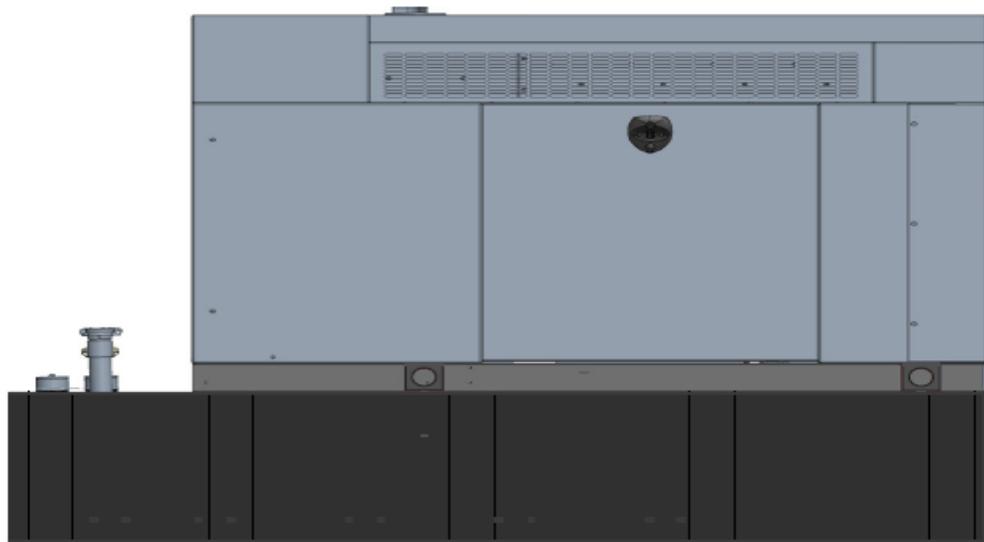
SITE NUMBER: CT11385A
SITE NAME: BLOOMFIELD/RT187/RT 189
SITE ADDRESS: 142 DUNCASTER ROAD
 BLOOMFIELD, CT 06002

SHEET TITLE:
 G-1: GROUNDING DETAILS

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 (nnnnn 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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1.1	Purpose of Project	3
1.2	Feature Description	3
1.3	Dimensions	3
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4.1	Interfaces and Alarming	7
5	Regulatory Requirements	9
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7	Maintenance.....	14

1 Introduction / Project Summary

1.1 Purpose of Project

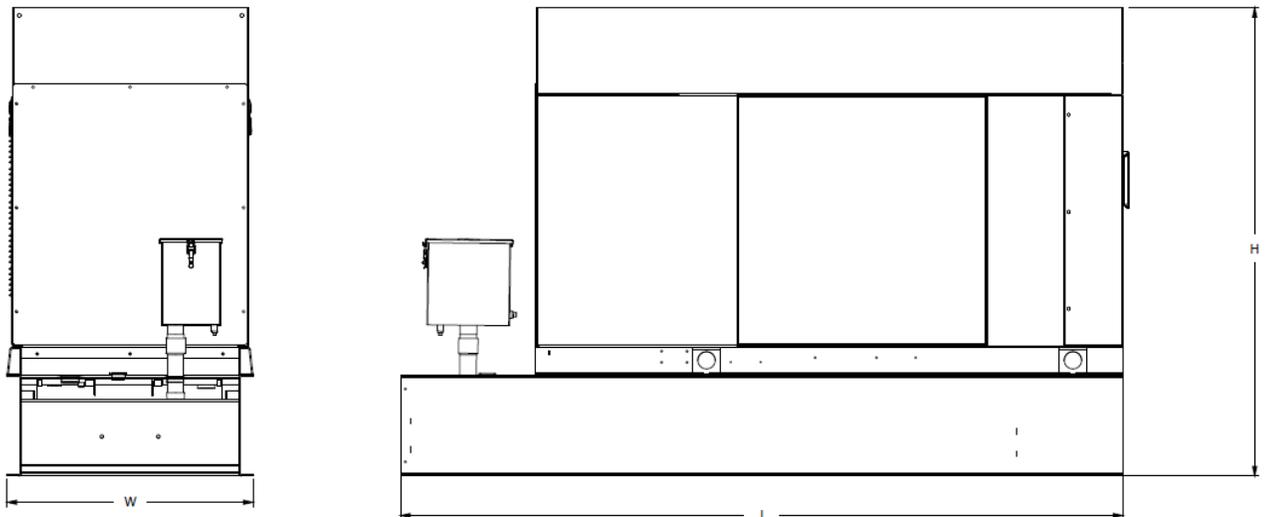
T-Mobile’s nationwide cell site hardening plan is providing a refuellable backup power system capable of powering a site for a minimum of 48 hours before refueling is required. The purpose of this project is to give T-Mobile customers reliable service during power outages and provide a sufficient layer 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 x W x H in inches 103.4 x 35 x 91.7. T-Mobile requires a 36-inch radius around the generator that will cover the 18” door swing on the generator.

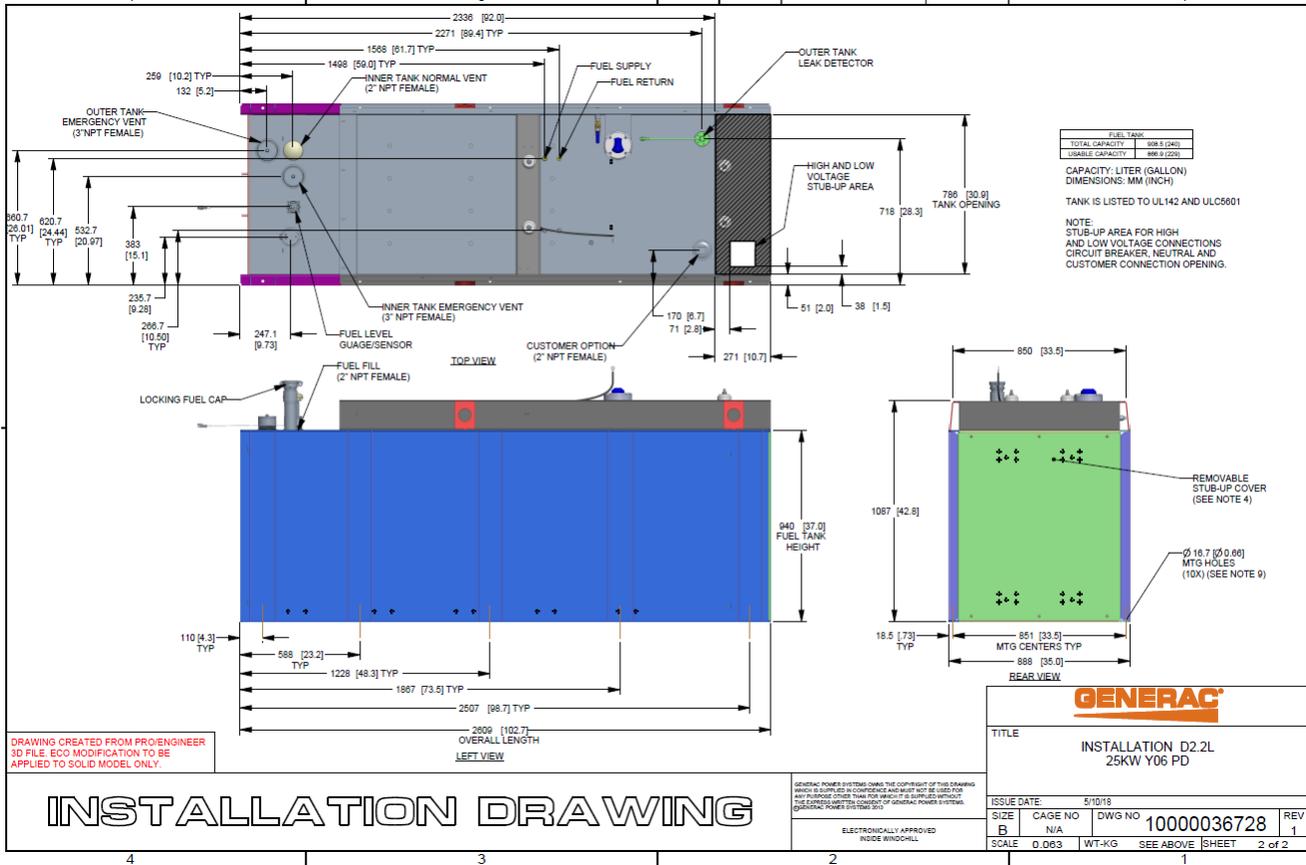


Weights and Dimensions

Unit Weight - lbs	Unit Weight with Skid - lbs	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

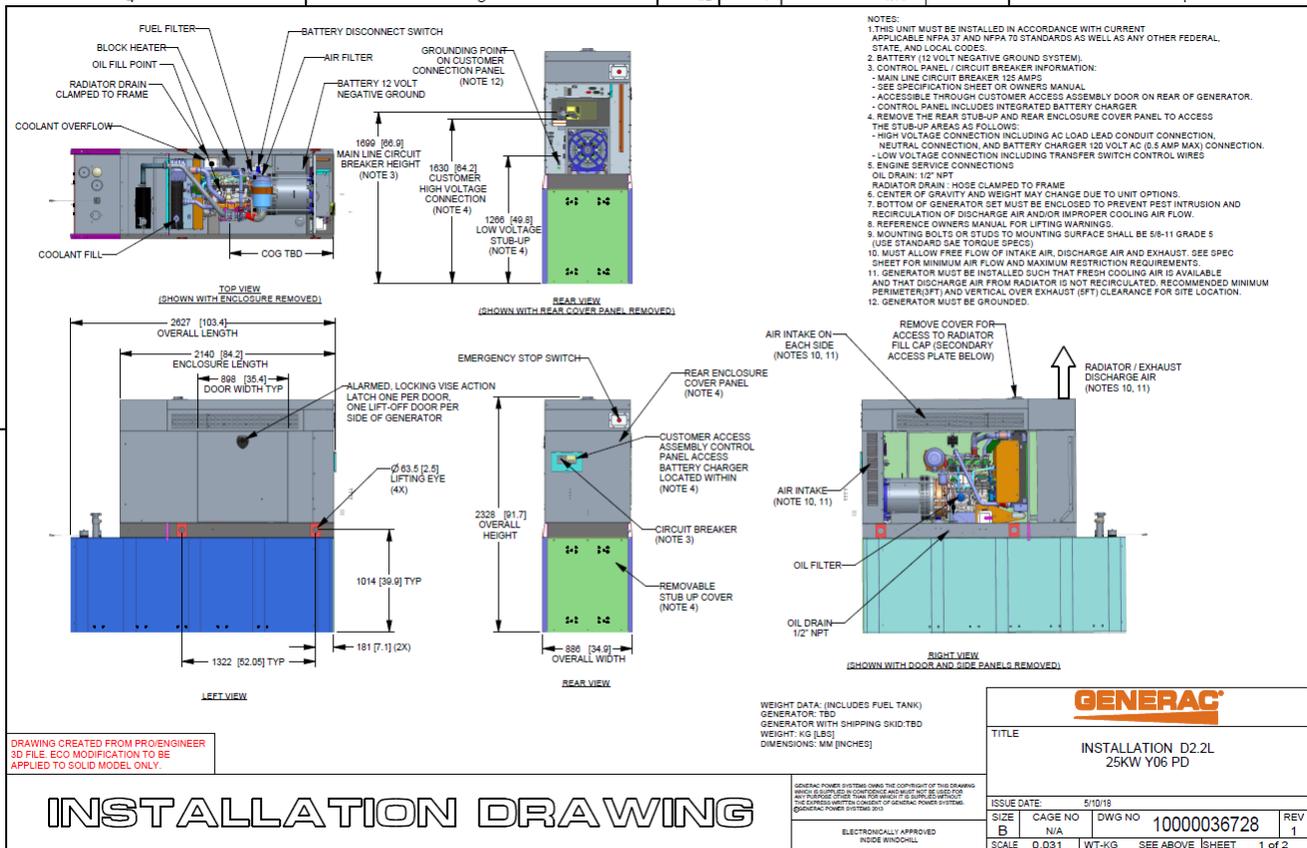
The RD025 will come with a RXSC200A3 and an Evollution controller. The sites considered for the RD025 should not have a DC power consumption above 20kW

RXSC200A3 [Link](#)

RXSC200A3 install drawing [Link](#)

Evolution controller spec sheet [Link](#)

RD025 installation drawings and supporting documentation [Link](#)

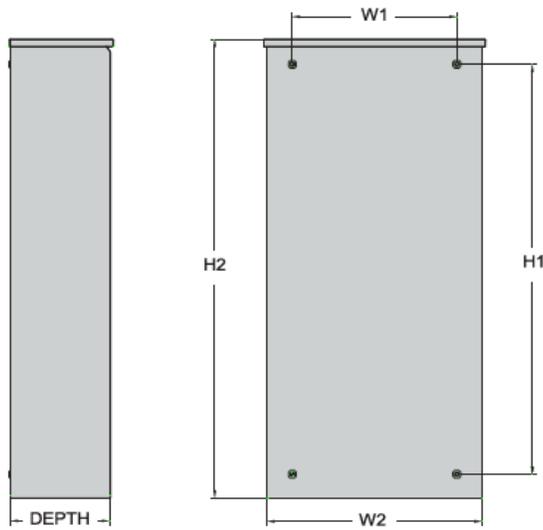


3.2 RXSC200A3 Automatic Transfer Switch

The RXSC200A3 (Automatic Transfer Switch) is equipped 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 (in./mm)	H1	17.24/437.9
	H2	20/508
Width (in./mm)	W1	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 [Link](#). (The FSEE is the Nokia module that will be replacing the FSEB. For details on the FSEE contact: HQNokiaCellsiteDesigns@T-Mobile.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.

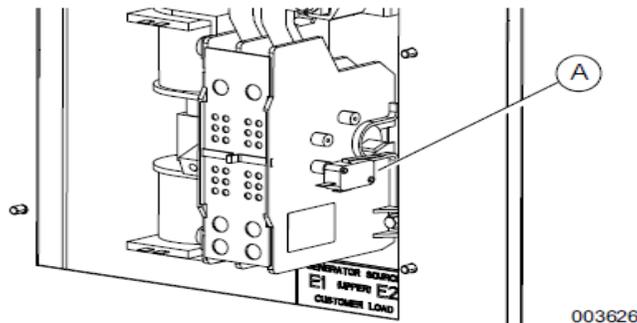


Figure 3-4. Auxiliary Contact

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.

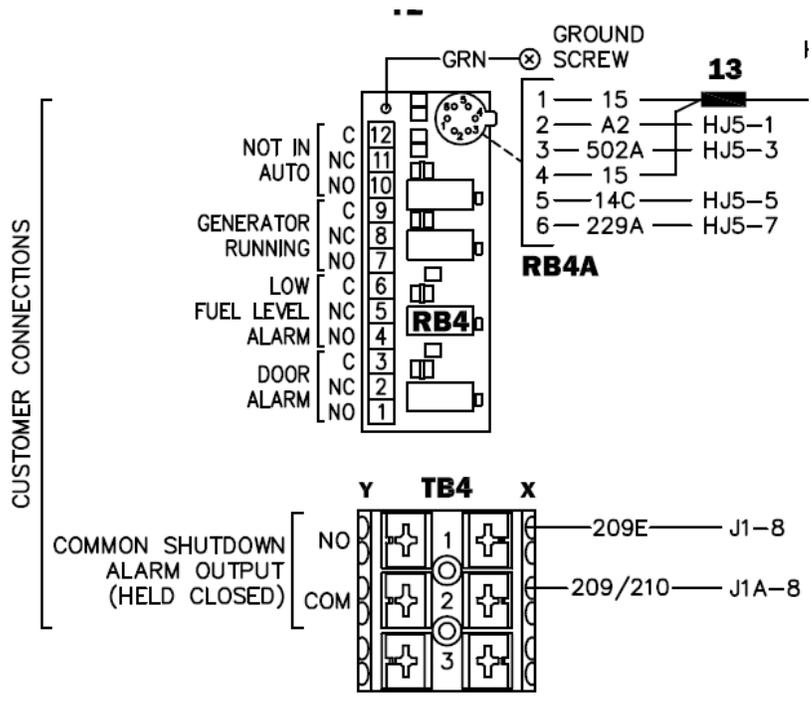
CAUTION

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



UTOVP-ALM8EXP	OVP Expansion Kit for 8 External Alarms	Qty
Product no	Denomination	
UTOVP-ALM8EXP	OVP Expansion Kit for 8 External Alarms	1
NFD30234/08	OVERVOLTAGE ARRESTER/OVP-ALM 8	1
RPM777143/01200	CABLE WITH CONNECTOR/SIGNAL CABLE	2

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

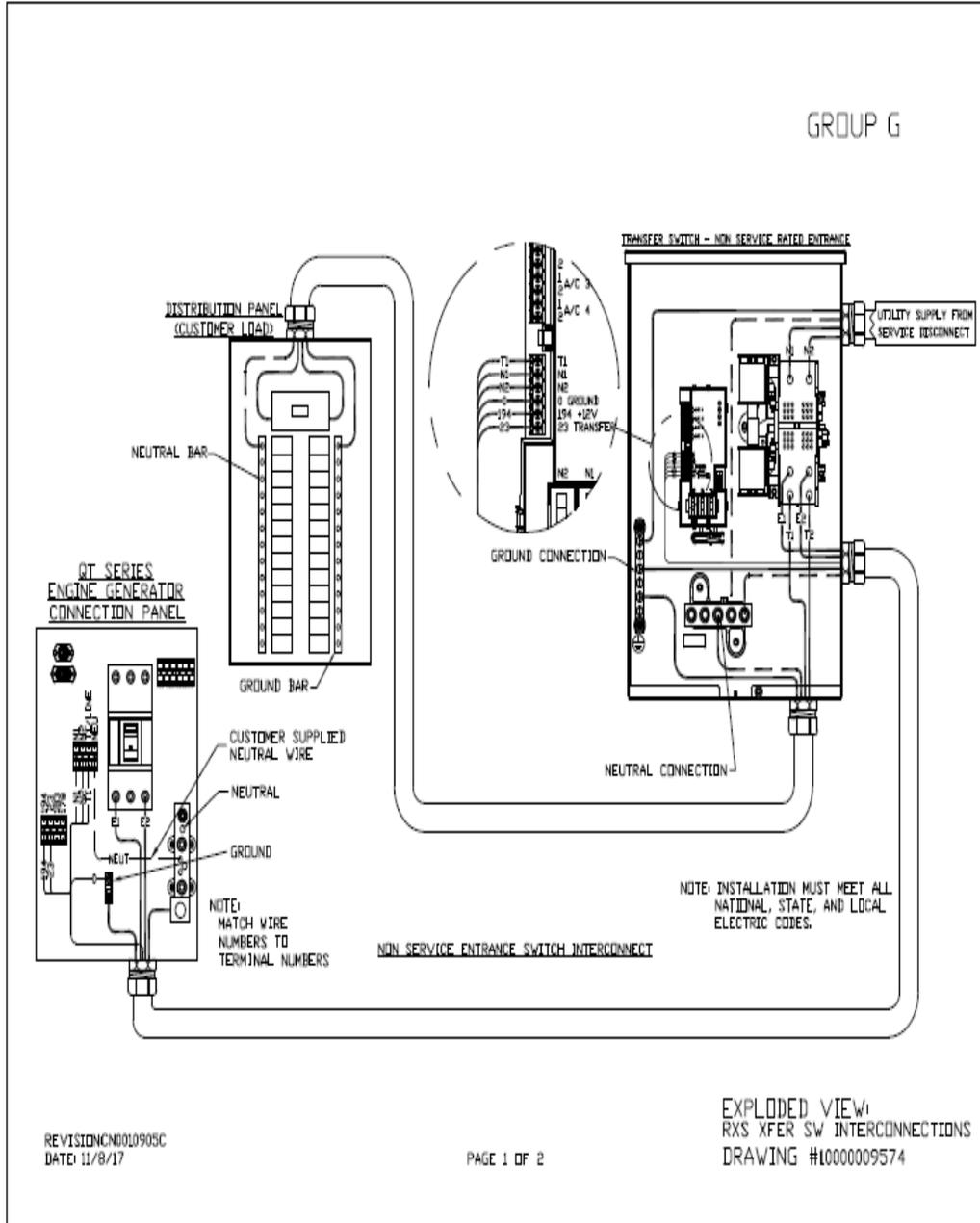
5 Regulatory Requirements

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.

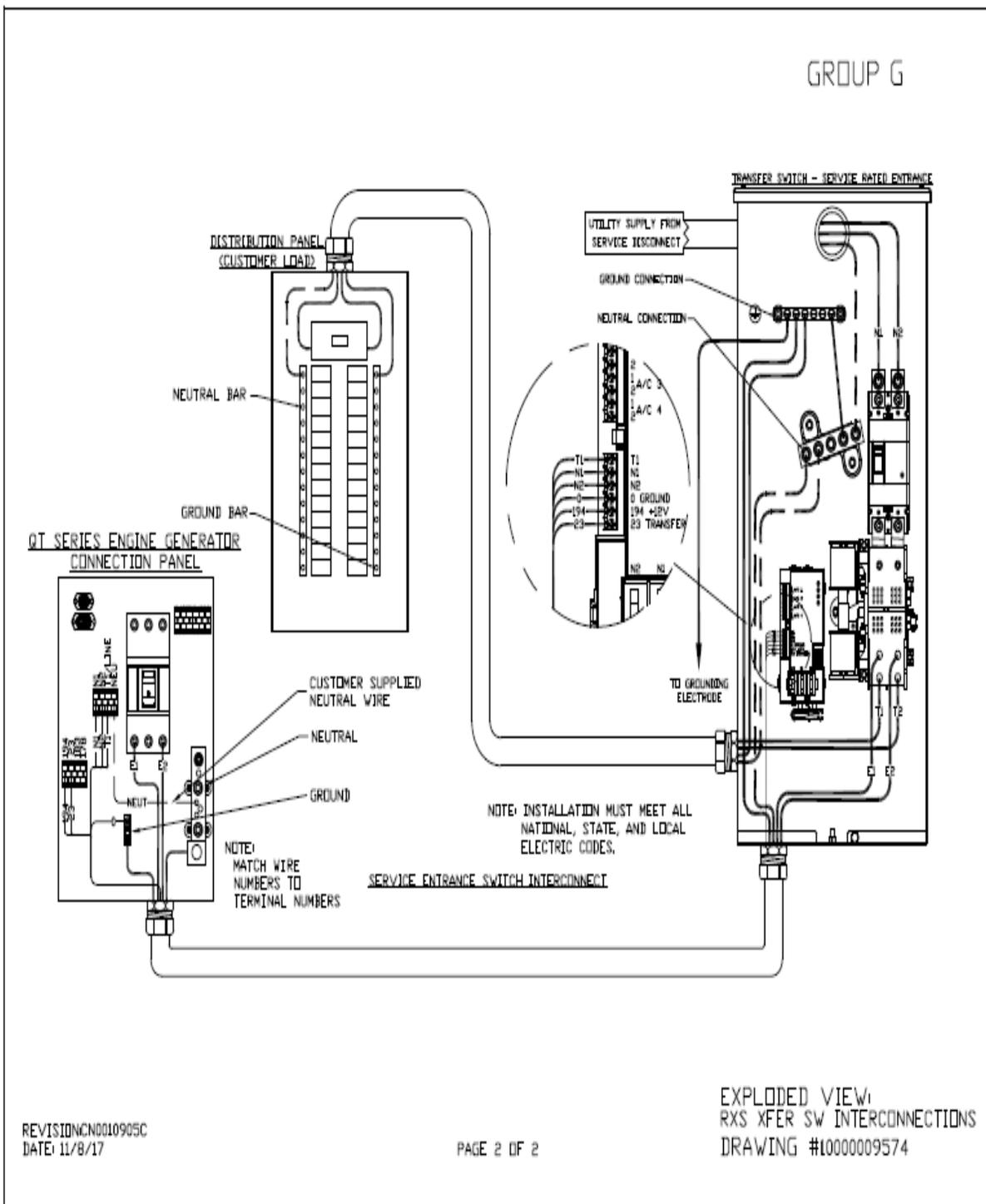
Commercial Power Connection Points
On The RXSC200A3



REVISION: N0010905C
 DATE: 11/8/17

PAGE 1 OF 2

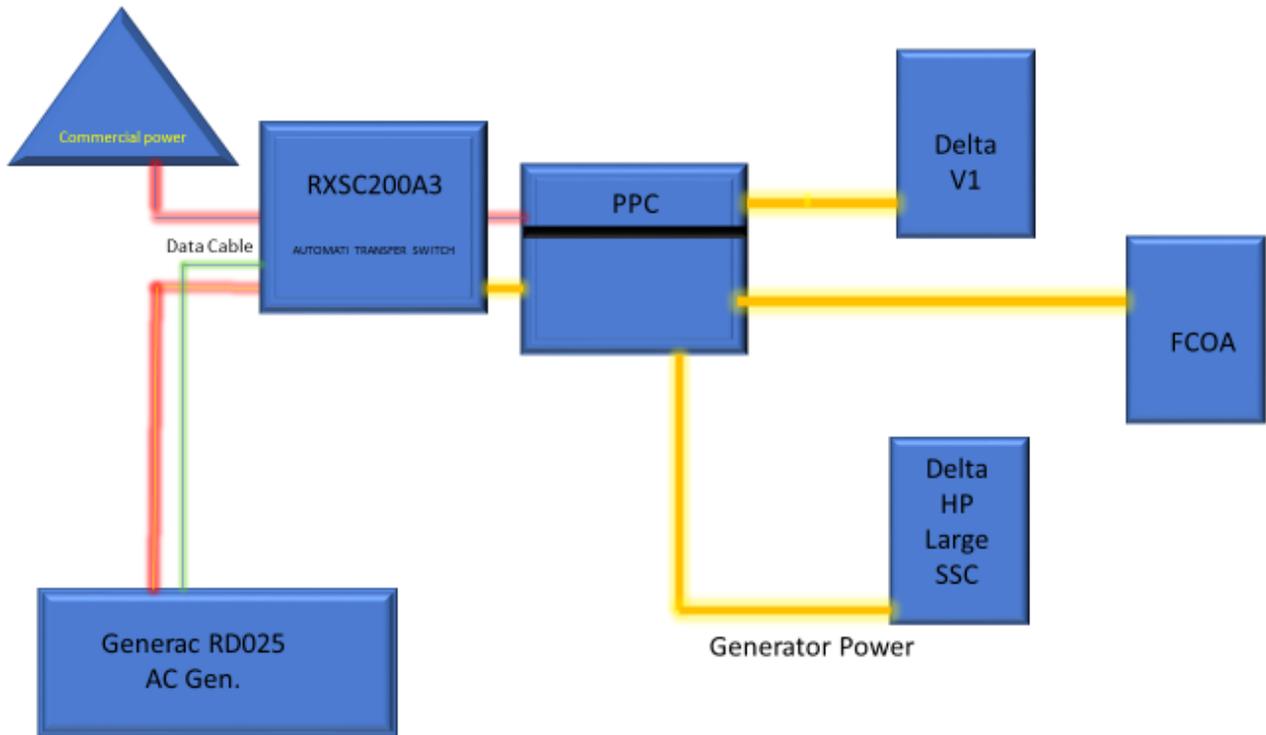
EXPLODED VIEW:
 RXS XFER SW INTERCONNECTIONS
 DRAWING #10000009574



REVISION: NCN0010905C
DATE: 11/8/17

PAGE 2 OF 2

Compound Diagram:



7 Maintenance

T-Mobile is recommending preventive maintenance to be performed every 250 hours of run-time 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.
- 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

CERTIFICATION OF SERVICE

I hereby certify that on the 4th day of February 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 140 Duncaster Road (aka 142 Duncaster Rd), Bloomfield, Connecticut, to the following:

Abutters

CONN LIGHT & POWER CO
P O BOX 270
HARTFORD, CT 06141

BRICKMAN SETH B
137 DUNCASTER RD
BLOOMFIELD, CT 06002

FAZIO GILBERT JR
146 DUNCASTER RD
BLOOMFIELD, CT 06002

HACKETT TERRIS & PETRINA (SURV)
139 DUNCASTER RD
BLOOMFIELD, CT 06002

WABREK KURT G &
146R DUNCASTER ROAD
BLOOMFIELD, CT 06002

SOUSA JUSTIN M
144 DUNCASTER RD
BLOOMFIELD, CT 06002

BLOOMFIELD TOWN OF
800 BLOOMFIELD AVENUE
BLOOMFIELD, CT 06002

Owner

CONN LIGHT & POWER CO
P O BOX 270
HARTFORD, CT 06141

Respectfully Submitted,

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

February 4, 2022

**VIA USPS CERTIFIED MAIL/
RETURN RECEIPT REQUESTED**

CONN LIGHT & POWER CO
P O BOX 270
HARTFORD, CT 06141

**RE: Proposed Modification to Existing Wireless Telecommunications Facility at 140
Duncaster Road (aka 142 Duncaster Rd), Bloomfield, Connecticut**

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. T-Mobile proposes to install a new 25kW diesel generator for emergency back-up power.

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 February 4, 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 Bloomfield 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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Bloomfield, CT 06002

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\$	\$3.05	11
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<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		

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 Street and Apt. No., or PO Box No. **800 Bloomfield Ave**
 City, State, ZIP+4® **Bloomfield, CT 06002-2400**

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Bloomfield, CT 06002

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<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		

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Sent To **Justin M. Sousa**
 Street and Apt. No., or PO Box No. **144 Duncaster Road**
 City, State, ZIP+4® **Bloomfield, CT 06002-1223**

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Domestic Mail Only

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Bloomfield, CT 06002

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		

Postmark Here



Sent To **Kurt G. Wabrek**
 Street and Apt. No., or PO Box No. **140 R Duncaster Rd**
 City, State, ZIP+4® **Bloomfield, CT 06002-1223**

7021 2720 0001 9314 7394

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Hartford, CT 06141

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		

Postmark Here



Sent To **Connecticut Light & Power**
 Street and Apt. No., or PO Box No. **P.O. Box 270**
 City, State, ZIP+4® **Hartford, CT 06141-270**

7021 0350 0000 6029 2661

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Hartford, CT 06141

OFFICIAL USE

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		
\$	\$7.38	
Sent To Connecticut Light & Power		
Street and Apt. No., or PO Box No. P.O. Box 270		
City, State, ZIP+4® HARTFORD, CT 0614-270		
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions		

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Bloomfield, CT 06002

OFFICIAL USE

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		
\$	\$7.38	
Sent To Gilbert Fazio Jr.		
Street and Apt. No., or PO Box No. 146 Duncaster Rd		
City, State, ZIP+4® Bloomfield CT 06002-1223		
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions		

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Bloomfield, CT 06002

OFFICIAL USE

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		
\$	\$7.38	
Sent To Seth Brickman		
Street and Apt. No., or PO Box No. 137 Duncaster Road		
City, State, ZIP+4® Bloomfield, CT 06002-1222		
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions		

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Bloomfield, CT 06002

OFFICIAL USE

Certified Mail Fee	\$3.75	1103
\$	\$3.05	11
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	
\$	\$7.38	
Total Postage and Fees		
\$	\$7.38	
Sent To Terris and Petrina Ackett		
Street and Apt. No., or PO Box No. 1371 Duncaster Road		
City, State, ZIP+4® Bloomfield, CT 06002-1222		
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions		

7021 0350 0000 6029 2678

7021 2720 0001 9314 7417

7021 2720 0001 9314 7424

7021 2720 0001 9314 7400

CT 11385A-NHD.PETITION



GREENDALE
290 W BOYLSTON ST
WORCESTER, MA 01606-2378
(800)275-8777

02/03/2022

11:23 AM

Product	Qty	Unit Price	Price
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First-Class Mail® Letter	1		\$0.58
--------------------------	---	--	--------

Hartford, CT 06141
Weight: 0 lb 0.40 oz
Estimated Delivery Date
Sat 02/05/2022

Certified Mail® Tracking #: \$3.75

70210350000060292661

Return Receipt Tracking #: \$3.05

9590 9402 7092 1251 8086 27

Total \$7.38

First-Class Mail® Letter	1		\$0.58
--------------------------	---	--	--------

Hartford, CT 06141
Weight: 0 lb 0.40 oz
Estimated Delivery Date
Sat 02/05/2022

Certified Mail® Tracking #: \$3.75

70210350000060292678

Return Receipt Tracking #: \$3.05

9590 9402 7092 1251 8086 10

Total \$7.38

First-Class Mail® Letter	1		\$0.58
--------------------------	---	--	--------

Bloomfield, CT 06002
Weight: 0 lb 0.40 oz
Estimated Delivery Date
Sat 02/05/2022

Certified Mail® Tracking #: \$3.75

70212720000193147424

Return Receipt Tracking #: \$3.05

9590 9402 7092 1251 8086 34

Total \$7.38

First-Class Mail® Letter	1		\$0.58
--------------------------	---	--	--------

Bloomfield, CT 06002
Weight: 0 lb 0.40 oz
Estimated Delivery Date
Sat 02/05/2022

Certified Mail® Tracking #: \$3.75

70212720000193147417

Return Receipt Tracking #: \$3.05

9590 9402 7092 1251 8086 41

Total \$7.38
 First-Class Mail® 1 \$0.58
 Letter
 Bloomfield, CT 06002
 Weight: 0 lb 0.40 oz
 Estimated Delivery Date
 Sat 02/05/2022
 Certified Mail® \$3.75
 Tracking #: 70212720000193147400
 Return Receipt \$3.05
 Tracking #: 9590 9402 7092 1251 8086 58
 Total \$7.38

First-Class Mail® 1 \$0.58
 Letter
 Bloomfield, CT 06002
 Weight: 0 lb 0.40 oz
 Estimated Delivery Date
 Sat 02/05/2022
 Certified Mail® \$3.75
 Tracking #: 70212720000193147394
 Return Receipt \$3.05
 Tracking #: 9590 9402 7092 1251 8085 66
 Total \$7.38

First-Class Mail® 1 \$0.58
 Letter
 Bloomfield, CT 06002
 Weight: 0 lb 0.40 oz
 Estimated Delivery Date
 Sat 02/05/2022
 Certified Mail® \$3.75
 Tracking #: 70212720000193147387
 Return Receipt \$3.05
 Tracking #: 9590 9402 7092 1251 8085 73
 Total \$7.38

First-Class Mail® 1 \$0.58
 Letter
 Bloomfield, CT 06002
 Weight: 0 lb 0.40 oz
 Estimated Delivery Date
 Sat 02/05/2022
 Certified Mail® \$3.75
 Tracking #: 70212720000193147431
 Return Receipt \$3.05
 Tracking #: 9590 9402 7092 1251 8085 80
 Total \$7.38



Handwritten text at the bottom of the page, possibly a date or reference number.



**UNITED STATES
POSTAL SERVICE®**

Click-N-Ship®

P

usps.com 9405 5036 9930 0155 4653 57 0089 5000 0010 6002
US POSTAGE
 Flat Rate Env
U.S. POSTAGE PAID
Click-N-Ship®

02/02/2022 Mailed from 01566

PRIORITY MAIL 2-DAY™

Expected Delivery Date: 02/05/22
 Ref#: 385A-PT
0006

DEBORAH CHASE
 NORTHEAST SITE SOLUTIONS
 420 MAIN ST
 STE 1
 STURBRIDGE MA 01566-1359

C017

SHIP TO: JOSE GINER
 DIRECTOR PLANNING & ZONING
 800 BLOOMFIELD AVE
 BLOOMFIELD CT 06002-2460

USPS TRACKING #



9405 5036 9930 0155 4653 57

Electronic Rate Approved #038555749



Cut on dotted line.

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

USPS TRACKING # :
9405 5036 9930 0155 4653 57

Trans. #: 555694069	Priority Mail® Postage: \$8.95
Print Date: 02/02/2022	Total: \$8.95
Ship Date: 02/02/2022	
Expected Delivery Date: 02/05/2022	

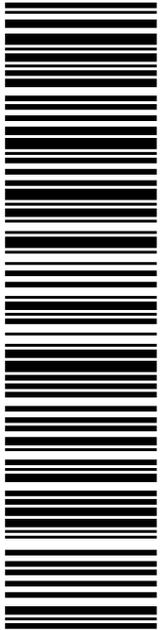
From: DEBORAH CHASE Ref#: 385A-PT
 NORTHEAST SITE SOLUTIONS
 420 MAIN ST
 STE 1
 STURBRIDGE MA 01566-1359

To: JOSE GINER
 DIRECTOR PLANNING & ZONING
 800 BLOOMFIELD AVE
 BLOOMFIELD CT 06002-2460

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



Thank you for shipping with the United States Postal Service!
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USPS TRACKING #

9405 5036 9930 0155 4653 64

Electronic Rate Approved #038555749

SHIP TO: DANIELLE WONG
MAYOR OF BLOOMFIELD
800 BLOOMFIELD AVE
BLOOMFIELD CT 06002-2460

SHIP TO: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Expected Delivery Date: 02/07/22
Ref#: 385A-PT
0006

C017




P

02/02/2022 Mailed from 01566

US POSTAGE PAID
Click-N-Ship®

US POSTAGE
Flat Rate Env
\$8.95
usps.com 9405 5036 9930 0155 4653 64 0089 5000 0010 6002



Cut on dotted line.

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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

USPS TRACKING # :
9405 5036 9930 0155 4653 64

Trans. #: 555694069	Priority Mail® Postage: \$8.95
Print Date: 02/02/2022	Total: \$8.95
Ship Date: 02/02/2022	
Expected Delivery Date: 02/07/2022	

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

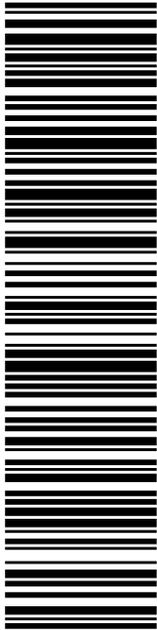
Ref#: 385A-PT

To: DANIELLE WONG
MAYOR OF BLOOMFIELD
800 BLOOMFIELD AVE
BLOOMFIELD CT 06002-2460

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USPS TRACKING #

9405 5036 9930 0155 4653 71

Electronic Rate Approved #038555749

SHIP TO: STANLEY D HAWTHORNE
TOWN MANAGER
800 BLOOMFIELD AVE
BLOOMFIELD CT 06002-2460

P

02/02/2022

U.S. POSTAGE PAID
Click-N-Ship®

USPS.com 9405 5036 9930 0155 4653 71 0089 5000 0010 6002
US POSTAGE Flat Rate Env
Mailed from 01566

PRIORITY MAIL 2-DAY™

DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Expected Delivery Date: 02/07/22
Ref#: 385A-PT
0006

C017



Click-N-Ship®



Cut on dotted line.

Instructions

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5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0155 4653 71

Trans. #: 555694069	Priority Mail® Postage: \$8.95
Print Date: 02/02/2022	Total: \$8.95
Ship Date: 02/02/2022	
Expected Delivery Date: 02/07/2022	

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: 385A-PT

To: STANLEY D HAWTHORNE
TOWN MANAGER
800 BLOOMFIELD AVE
BLOOMFIELD CT 06002-2460

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POSTAL SERVICE®**

Click-N-Ship®

P

usps.com 9405 5036 9930 0155 4653 88 0089 5000 0010 6037
US POSTAGE
 Flat Rate Env
U.S. POSTAGE PAID
Click-N-Ship®

02/02/2022 Mailed from 01566

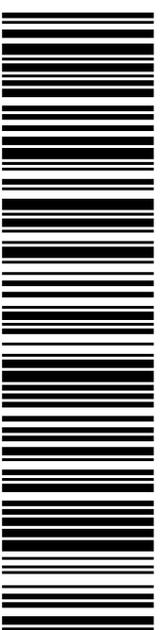
PRIORITY MAIL 2-DAY™

Expected Delivery Date: 02/07/22
 Ref#: 385A-PT
0006

DEBORAH CHASE
 NORTHEAST SITE SOLUTIONS
 420 MAIN ST
 STE 1
 STURBRIDGE MA 01566-1359

SHIP TO: CHRIS GELINAS
 EVERSOURCE
 107 SELDEN ST
 BERLIN CT 06037-1616

USPS TRACKING #



9405 5036 9930 0155 4653 88

Electronic Rate Approved #038555749



Cut on dotted line.

Instructions

- 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.
- Place your label so it does not wrap around the edge of the package.
- 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.
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- Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0155 4653 88

Trans. #: 555694069	Priority Mail® Postage: \$8.95
Print Date: 02/02/2022	Total: \$8.95
Ship Date: 02/02/2022	
Expected Delivery Date: 02/07/2022	

From: DEBORAH CHASE Ref#: 385A-PT
 NORTHEAST SITE SOLUTIONS
 420 MAIN ST
 STE 1
 STURBRIDGE MA 01566-1359

To: CHRIS GELINAS
 EVERSOURCE
 107 SELDEN ST
 BERLIN CT 06037-1616

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



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CT 11385A



FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

02/11/2022 01:14 PM

Product	Qty	Unit Price	Price
---------	-----	------------	-------

Prepaid Mail	1		\$0.00
Bloomfield, CT 06002			
Weight: 0 lb 5.70 oz			
Acceptance Date:			
Fri 02/11/2022			
Tracking #:			
9405 5036 9930 0155 4653 57			

Prepaid Mail	1		\$0.00
Bloomfield, CT 06002			
Weight: 0 lb 5.70 oz			
Acceptance Date:			
Fri 02/11/2022			
Tracking #:			
9405 5036 9930 0155 4653 71			

Prepaid Mail	1		\$0.00
Bloomfield, CT 06002			
Weight: 0 lb 5.70 oz			
Acceptance Date:			
Fri 02/11/2022			
Tracking #:			
9405 5036 9930 0155 4653 64			

Grand Total: \$0.00

 USPS is experiencing unprecedented volume increases and limited employee availability due to the impacts of COVID-19. We appreciate your patience.

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