

Centerline Communications Ryan Clark 750 West Center Street, 3rd Flr West Bridgewater, MA 02379 203-300-7310 rclark@clinellc.com

September 28, 2022

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

Notice of Exempt Modification 425 Indian Ledge Park Road Trumbull, CT 06611 Latitude: 41.27324000 Longitude:-73.21311000 T-Mobile Site#: CT11961A

Dear Ms. Bachman:

T-Mobile currently maintains nine (9) antennas at the 145-foot level of the existing 195-foot monopole tower at 425 Indian Ledge Park Road Trumbull, CT 06611. The 195-foot tower is owned by Crown Castle and property is owned by the Town of Trumbull. T-Mobile now intends to install/add a 48KW diesel generator to the their existing leased space within the existing compound.

Planned Modifications:

Install New: (1) 48KW diesel generator

Existing to Remain: (3) Fiber lines (6) RRU (3) AIR6449 B41 Antennas (3) APX16DWV-16DWV Antennas (3) APXVAARR24 Antennas

Existing Ground Equipment: (3) Cabinets





This facility does not have an official record for zoning approval. Please see the attached email from the local jurisdiction on March 8, 2016. We used the information from the previous filing. 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 Vicki Tesoro, chief elected official, Town of Trumbull and Fred Garrity, Jr. Chairman of the Planning & Zoning Commission, as well as the property owner and 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,

Ryan ClarkMobile: 203-300-7310Fax:508-819-3017Office:750 West Center Street, Floor 3 West Bridgewater, MA 02379Email:rclark@clinellc.com

Attachments

cc: Vicki Tesoro, chief elected official, Town of Trumbull
 Fred Garrity, Jr. Chairman of the Planning & Zoning Commission
 Crown Castle- tower owner
 Town of Trumbull- Property Owner

Exhibit A

Original Facility Approval

Hanlon, Dashanna

From:	Myl, Kimberly
Sent:	Friday, March 11, 2016 9:34 AM
То:	siting.council@ct.gov
Subject:	Existing Telecommunications Tower - 425 Indian Ledge Park Road, Trumbull (Crown:
()#1 -	881535 / T-Mobile CT11961A)

Good Morning,

Please be advised per the below email from the Town of Trumbull and on behalf of Crown Castle the Tower Owner, neither party have the original zoning approval on file. Please use this email notification to replace that requirement. Please let me know if you have any questions or need additional information. Thank you in advance.

KIMBERLY MYL Real Estate Specialist T: (201) 236-9069 | M: (201) 993-3697

CROWN CASTLE 1200 MacArthur Blvd, Suite 200 Mahwah, NJ 07430

From: Gail Andreyka [<u>mailto:gandreyka@trumbull-ct.gov</u>] Sent: Tuesday, March 08, 2016 9:48 AM To: Myl, Kimberly Cc: Douglas Wenz Subject: RE: Zoning Approval - Telecommunications Tower 425 Indian Ledge Park Road

Hi Kim,

We cannot locate the zoning approval. They never came to Planning & Zoning with an application as far as we know. If you have any further questions, please contact Doug Wenz 203-452-5052.

Thank you,

Gail Andreyka

From: Myl, Kimberly [mailto:Kimberly.Myl@crowncastle.com] Sent: Monday, February 29, 2016 12:45 PM To: Gail Andreyka Subject: Zoning Approval - Telecommunications Tower 425 Indian Ledge Park Road

Good Afternoon Gail,

I have another existing telecommunications facility that I will need a copy of the original zoning resolution to submit into the CSC. Can you kindly forward this over to me so I can submit on behalf of T-Mobile, one of our tenants. If you do not have this document, kindly reply stating that the township does not have this on record and I can use your email in place of this requirement. Please call or email me if you have any questions or need additional information. Thank you in advance.

KIMBERLY MYL Real Estate Specialist T: (201) 236-9069 | M: (201) 993-3697

Exhibit B

Property Card

425 INDIAN LEDGE PARK ROAD

Location	425 INDIAN LEDGE PARK ROAD	Mblu	F/05 / 00096/ 000/
Acct#		Owner	TRUMBULL TOWN OF
Assessment	\$1,320,620	Appraisal	\$1,886,600
PID	12730	Building Count	1
Fire District	T S		

Current Value

Appraisal	
Valuation Year	Total
2015	\$1,886,600
Assessment	
Valuation Year	Total
2015	\$1,320,620

Owner of Record

Owner	TRUMBULL TOWN OF	Sale Price	\$0
Co-Owner		Book & Page	1/ 466
Address		Sale Date	06/15/1989
	TRUMBULL, CT 06611	Instrument	

Ownership History

	Ownersh	hip History		
Owner	Sale Price	Book & Page	Instrument	Sale Date
TRUMBULL TOWN OF	\$0	1/ 466		06/15/1989

Building Information

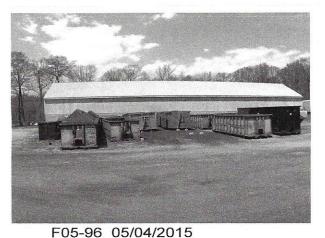
Building 1 : Section 1

Year Built:

Living Area:	0	
	Building Attrib	outes
	Field	Description

Style	Outbuildings
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Floor Covering	
Alt. Floor Cover	
Heat Fuel	
Heat Type:	
АС Туре:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Total Kitchens	
Total Elec Meters	

Building Photo



(http://images.vgsi.com/photos2/TrumbullCTPhotos//\00\02\19/51.JPG)

Building Layout

Building Layout

(http://images.vgsi.com/photos2/TrumbullCTPhotos//Sketches/12730_1272

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

Extra Features

4 10

Extra Features	Legen
No Data for Extra Features	

Land

Land Use

Use Code921DescriptionMun Lnd ResZoneAANeighborhood320Alt Land ApprNoCategory

Land Line Valuation

Size (Acres) 46.5 Frontage Depth

Outbuildings

Code	Description	Sub Code	Sub Description	Size	Bldg #
BHS1	Comm Bth Hse	СВ	CindBk/Frame	200 S.F.	1

Valuation History

Appraisal		
Valuation Year	Total	
2019	\$1,886,600	
2018	\$1,886,600	
2017	\$1,886,600	

Assessment		
Valuation Year Total		
2019	\$1,320,620	
2018	\$1,320,620	
2017	\$1,320,620	

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Exhibit C

Construction Drawings

PROJECT INFORMATION

TOWER OWNER:	TOWN OF TRUMBULL 5866 MAIN STREET CANONSBURG, PA 15317
SITE NUMBER:	CT11961A
SITE NAME:	CT961/INDIAN LEDGE PRK
SITE ADDRESS:	425 INDIAN LEDGE PARK RD TRUMBULL, CT 06611
LATITUDE:	N 41°16'23.66" (41.27324000°) (NAD83)
LONGITUDE:	W 73°12'47.19" (-73.21311000°) (NAD83)
ZONING JURISDICTION:	TOWN OF TRUMBULL
COUNTY:	FAIRFIELD
DESCRIPTION OF WORK:	HARDENING



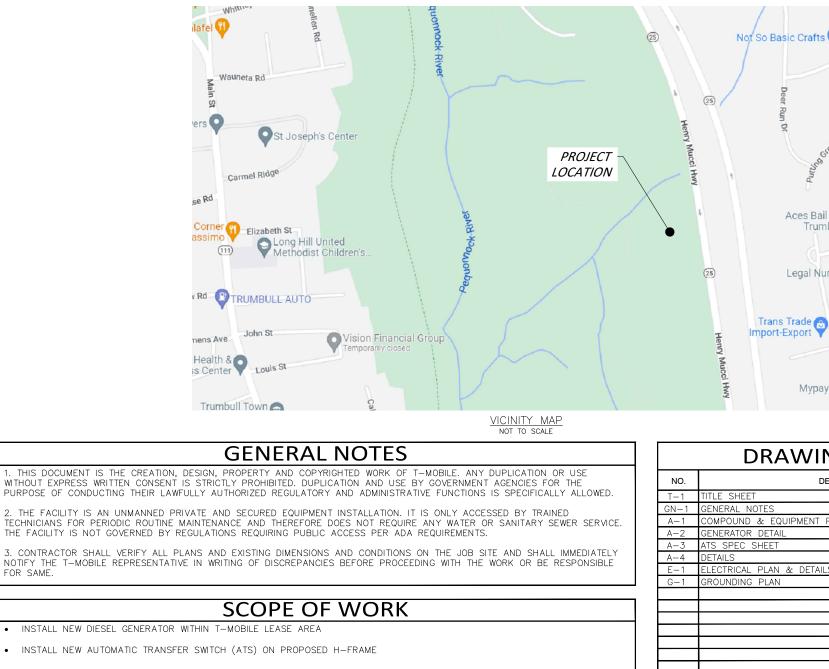
T - Mobile

NORTHEAST LLC

SITE NAME:

CT961/INDIAN LEDGE PR 425 INDIAN LEDGE PARK TRUMBULL, CT 06611

SITE ID: CT11961A MODIFICATION: HARDENING



PROJECT DIRECTORY

ENGINEERING FIRM: CENTERLINE ENGINEERING SERVICES, PA 750 WEST CENTER ST, SUITE 301 WEST BRIDGEWATER, MA 02379 DEREK CREASER (617) 306-3034

CARRIER: T-MOBILE NORTHEAST, LLC. 35 GRIFFIN RD S BLOOMFIELD, CT 06002 PHONE: (860) 692-1700



K RD	T - Mobile NORTHEAST LLC 55 GRIFIN RD 5 BLOOMHELD, CT 06002 PHONE: (860) 629-1700
	750 W CENTER ST, SUITE 301 WEST BRIDGEWATER, MA 02379 PHONE: 781.713.4725
	REVISIONS
\$	
	0 09/27/22 ISSUED FOR CONSTRUCTION SS A 09/12/22 ISSUED FOR REVIEW RL
Berned	REV DATE DESCRIPTION BY
eff	DESIGNED BY: APPROVED BY: RL WRD
Bon bull rses Ke	DATE: 09/27/2022
	IT IS A VIOLATION OF LAW FOR ANY PERSON LINELSS THEY ARE ACTING UNDER THE DIRECTION OF A LOCINGED PROFESSIONAL ENGINEER TO ALTER THIS DOCLMENT. UNLESS EXPLICITLY ADREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAMS ALL LUBBLITY ASSOCIATED WITT THE REVES, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.
NG INDEX	
SCRIPTION	SITE NAME:
	CT961/INDIAN LEDGE PRK
PLAN	SITE ID:
	CT11961A site address:
S	425 INDIAN LEDGE PARK RD TRUMBULL, CT 06611 FAIRFIELD COUNTY
	SHEET TITLE: TITLE SHEET DRAWING:
	T-1

GENERAL NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING. THE FOLLOWING DEFINITIONS SHALL APPLY

CONTRACTOR - CENTERLINE COMMUNICATIONS SUBCONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION) **OWNER - T-MOBILE MOBILITY**

2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.

3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.

4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.

5 UNLESS NOTED OTHERWISE THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

"KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR

7 THE SUBCONTRACTOR SHALL INSTALL ALL FOUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE

8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR

9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER. GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.

10 THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS. PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES, ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER

11. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION

12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.

13. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.

14. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.

AGL

AWG

BCW

BTS EXISTIN

FG

EGR

15. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED. FABRICATED AND EBECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT

16 CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF T-MOBILE MOBILITY SITES '

17. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION

18. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT

19 SINCE THE CELL SITE IS ACTIVE ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RE EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

20 APPLICABLE BUILDING CODES:

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL STATE AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN

BUILDING CODE: IBC 2015 & CONNECTICUT STATE BUILDING CODE 2018 ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE LIGHTNING CODE: NFPA 70-2017

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

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

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

MANUAL OF STEEL CONSTRUCTION, ASD, FOURTEENTH EDITION;

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

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

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

RF NOTES

- ACTUAL LENGTHS SHALL BE DETERMINED PER SITE CONDITION BY SUBCONTRACTOR
- 2. THE DESIGN IS BASED ON RF DATA SHEETS, SIGNED AND APPROVED.
- RADIO SIGNAL CABLE AND RACEWAY SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC, NFPA 70), CHAPTER 8
- ALL SPECIFIED MATERIAL FOR EACH LOCATION (E.G. OUT DOORS-OCCUPIED, INDOORS-UNOCCUPIED, PLENUMS, RISER SHAFTS, ETC.) SHALL BE APPROVED, LISTED, OR LABELED AS REQUIRED BY THE NEC.
- 5. RADIO SIGNAL CABLE SHALL BE SUPPORTED AT MINIMUM OF EVERY THREE (3) FEET EXCEPT INSIDE MONOPOLES OR MONOPOLES WHERE CABLE AND CONNECTOR MANUFACTURERS SUPPORT RECOMMENDATIONS SHALL BE FOLLOWED, MANUFACTURER RECOMMENDATION CABLES SUPPORT ACCESSORIES SHALL BE USED.
- THE OUTDOOR CABLE SUPPORT SYSTEM SHALL BE PROVIDED WITH AN ICE 6 HIELD TO SUPPORT AND PROTECT ANTENNA CABLE RUNS
- DRIP LOOPS SHALL BE REQUIRED ON ALL OUTSIDE CABLES. CABLES SHALL 7 BE SLOPED AWAY FROM BUILDING OR OUTDOOR BTS CABINETS TO PREVENT WATER FROM ENTERING THROUGH THE COAXIAL CABLE PORT
- ALL FEEDER LINE AND JUMPER CONNECTORS SHALL BE 7/16 DIN CABLE 8. CONNECTORS THAT MEET IP68 STANDARDS
- 9 7/16 DIN CONNECTORS REQUIRE NO ADDITIONAL WEATHER PROOFING IN INDOOR APPLICATIONS IF INSTALLED AND TORQUED PROPERLY. IN OUTDOOR APPLICATIONS WEATHER PROOFING IS REQUIRED AND THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED.
- 10. USING WEATHERPROOFING KIT APPROVED BY CABLE MANUFACTURER AND CONTRACTOR START TAPE APPROXIMATELY 5 INCHES FROM THE CONNECTOR, AND WRAP 2 INCHES TOWARD THE CONNECTOR, THEN REVERSE THE TAPE SO THAT THE STICKY SIDE IS UP. TAPE OVER THE CONNECTOR OR SURGE ARRESTOR UNTIL THREE (3) TO FOUR (4) INCHES BEYOND THE CONNECTOR AND REVERSE AGAIN WITH THE STICKY SIDE DOWN. FOR ANOTHER INCH OR TWO. PASS THE BUTYL RUBBER AND FINISH WITH A FINAL LAYER OF TAPE
- ANTENNAS SHALL BE PAINTED, WHEN REQUIRED, BY THE LANDLORD OR 11. AUTHORITY OF HAVING JURISDICTION IN ACCORDANCE WITH ANTENNA MANUFACTURERS' SURFACES PREPARATION AND PAINTING REQUIREMENTS.
- 12. CABLE SHIELDS AND TOWER CONDUITS SHALL BE GROUNDED AT THE TOP OF THE TOWER WITHIN 10 FEET OF THEIR CONNECTORS AND AT THE BOTTOM OF THE TOWER ABOUT 6 INCHES BEFORE THEY TURN TOWARD THE FACILITY THEY SHALL BE GROUNDED AT THE MIDPOINT OF THE TOWERS THAT ARE BETWEEN 60 FEET AND 200 FEET HIGH, AND AT INTERVALS OF 60 FEET OR LESS ON TOWERS THAT ARE HIGHER THAN 200 FEET

	ABBREVIATIONS				
	ABOVE GRADE LEVEL	G.C.	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
	AMERICAN WIRE GAUGE	MGB	MASTER GROUND BUS		
	BARE COPPER WIRE	MIN	MINIMUM	TBD	TO BE DETERMINED
	BASE TRANSCEIVER STATION	PROPOSED	NEW	TBR	TO BE REMOVED
NG	EXISTING	N.T.S.	NOT TO SCALE	TBRR	TO BE REMOVED
	EQUIPMENT GROUND	REF	REFERENCE	-	AND REPLACED
	EQUIPMENT GROUND RING	REQ	REQUIRED	TYP	TYPICAL

- 1
 - INSTALLATION
 - 2. ANTENNA CABLE MARKING STANDARD:
 - TOP OF TOWER FND OF MAIN COAX

 - END OF JUMPERS AT BTS EQUIPMENT
 - З.
 - EXISTING CELL SITE EQUIPMENT.

ANTENNA CABLE AND SCHEDULING NOTES

SUBCONTRACTOR SHALL VERIFY THE ACTUAL LENGTH IN THE FIELD BEFORE

TAG AND COLOR CODE ALL MAIN CABLES AT LOCATIONS PER T-MOBILE

BOTTOM OF TOWER END OF MAIN COAX DIRECTLY BEFORE AND AFTER RF EQUIPMENT

ANTENNAS SHALL BE PROCURED AND INSTALLED WITH DOWN TILT MOUNTING BRACKETS SUPPLIED BY ANTENNA MANUFACTURER

PRIOR APPROVAL IS REQUIRED REFORE PERFORMING ANY WORK ON

NORTHEAST LLC

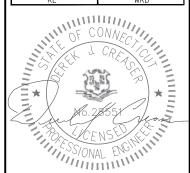
T-MOBILE NORTHEAST, LLC. 35 GRIFFIN RD S BLOOMFIELD, CT 06002 PHONE: (860) 629-1700



750 W CENTER ST, SUITE 301 WEST BRIDGEWATER MA 02379 PHONE: 781.713.4725

	REVISIONS					
0	09/27/22	ISSUED FOR CONSTRUCTION	SS			
А	09/12/22	ISSUED FOR REVIEW	RL			
REV	DATE	DESCRIPTION	ΒY			

PPROVED BY ESIGNED B



DATE: 09/27/2022

SITE NAME

SITE ID:

CT961/INDIAN LEDGE PRK

CT11961A

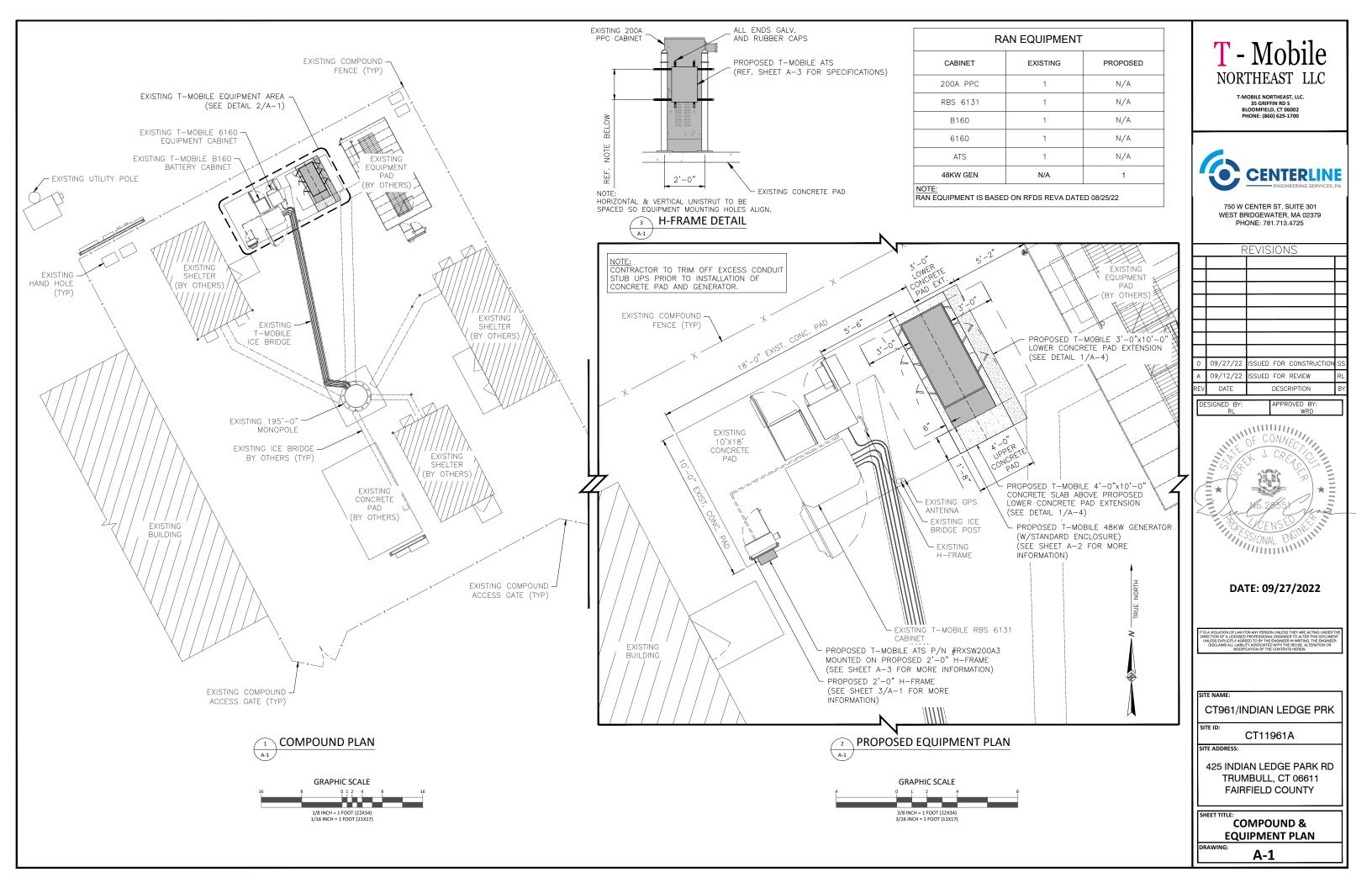
SITE ADDRESS:

425 INDIAN LEDGE PARK RD TRUMBULL, CT 06611 FAIRFIELD COUNTY

SHEET TITLE:

GENERAL NOTES

GN-1



RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	4
Туре	In-Line
Displacement - i(13)	207.48 (3.4)
Bore - in (mm)	3.86 (98)
Stroke - in (mm)	4.45 (113)
Compression Ratio	18.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head	Cast Iron OHV
Piston Type	Aluminum
Engine Governing	

ngii

Electronic Governor Frequency Regulation (Steady State)±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow Spin-On Canister
Crankcase Capacity - L (qts)	7.0 (7.4)

Cooling System Type	Pressurized Closed Recovery
Fan Type	Pusher
Fan Speed (rpm)	2,029
Fan Diameter - mm (in)	22 (559)
Fuel System	
Fuel Type	Ultra Low Sulfur Diesel Fuel
 Fuel Specification	ASTM
 Fuel Pump Type	Mechanical Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line (mm/in)	7.94 (0.31) ID
Fuel Return Line (mm/in)	7.94 (0.31) ID
Fuel Filtering (microns)	10

Engine Electrical System

Cooling System

System Voltage	12 VDC
 Battery Charger Alternator	Standard
 Battery Size	Group 27F
Battery Voltage	12 VDC
Ground Polarity	Negative

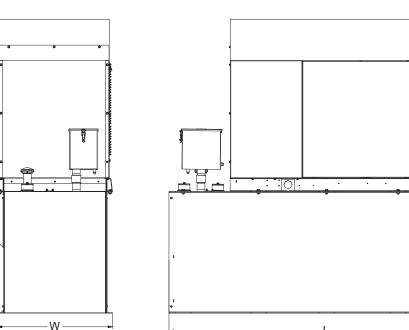
Direct

RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



Weights and Dimensions

Unit Weight - Ibs	Unit Weight with Skid - Ibs	Dimensions (L x W x H) - in
2,915	2,954	103.4 (2,625) x 35.0 (888) x 90.0 (2,286)

48kW Fuel Consumptio	n	
Fuel Tank Gross Total Capacity	240	
Fuel Tank Gross Usable Capacity	229	
Fuel Tank Net Usable Capacity (Run Hours Based on Net Usable Cap	206 bacity)	
Run Hours 100% Load	52	
Run Hours 75% Load	67	*
Run Hours 50% Load	96	

Sound Emission Data

Rated Load Sound Output at 23ft - dB(A6)5



Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power S

Standard Model Standard Excitation Generac Poles

Poles	4	Bearings	Sealed Ball
Field Type	Rotating	Coupling	Flexible Disc
Insulation Class - Rotor	F	Prototype Short Circuit Test	Yes
Insulation Class - Stator	Н	Voltage Regulator Type	Full Digital
Total Harmonic Distortion	<5%	Regulation Accuracy (Steady State) ±1.0%

Telephone Interference Factor (TIF) <50

ALTERNATOR SPECIFICATIONS

SPEC SHEET

3 OF 6

Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189 P: (262) 544-4811 ©2018Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice.





RAC' IN PUSTRIAL 2011 ER	T - Mobile NORTHEAST LLC T-MOBILE NORTHEAST, LLC. 35 GRIFFIN RD 5 BLOOMFIELD, CT 06002 PHONE: (860) 629-1700
	CEENTERLINE CONTERVICES, PA 750 W CENTER ST, SUITE 301 WEST BRIDGEWATER, MA 02379 PHONE: 781.713.4725 REVISIONS
	0 09/27/22 ISSUED FOR CONSTRUCTION SS A 09/12/22 ISSUED FOR REVIEW REV DATE DESCRIPTION DESIGNED BY: APPROVED BY: WRD
s only. ERAC INDUSTRIAL DEALER	TIS A VIOLITION OF LAW CORE ANY PERSON IN LESS THEY ARE ACTIVAL ON THE ADDRESS TO A LESS THEY ARE ACTIVAL ON THE ADDRESS THE A
Systems Industrial Dealer for detailed installation drawings. 5 OF 6 Part No 1000032700 Rev. 3 08/30/18	SITE NAME: CT961/INDIAN LEDGE PRK SITE ID: CT11961A SITE ADDRESS: 425 INDIAN LEDGE PARK RD TRUMBULL, CT 06611 FAIRFIELD COUNTY
	SHEET TITLE: GENERATOR DETAIL DRAWING: A-2



Automatic Transfer Switches

GENERAC[®]

Service and non-Service rated **Automatic Smart Transfer Switches**

fer Switch Transfer Tran tiic atic Auto lof2 2of2

100 - 400 Amps, Single Phase



Description

Generac Automatic Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100, 200, and 400 amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 and 300 amp open transition switches are only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure*, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

DPM Technology

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.



100-400 Amps, Single Phase

Automatic Smart Transfer St

Functions

All timing and sensing functions originate in the generator controller

Utility voltage drop-out	<65% 10 second factory set, adjustable between 2-1500 seconds by a qualified dealer [#]
Timer to generator start	10 second factory set, adjustable between 2-1500 seconds by a qualified dealer*
Engine warm up delay	5 seconds
Utility voltage pickup	>80%
Re-transfer time delay	
Exerciser	
The transfer ewitch can be operated manually without power applied	

The transfer switch can be operated manually without power applied

*When used in conjunction with units utilizing Evolution™ controls **Adjustable via the controller

Specifications

Model	RXSC100A3	RXSC200A3
Amps	100	200
Voltage	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition
Enclosure Type	NEMA/UL3R	NEMA/UL3R
UL Rating	UL/CUL	UL/CUL
Withstand Rating (Amps)	10,000	10,000
Lug Range	1/0 - #14	250 MCM - #6

Dimensions

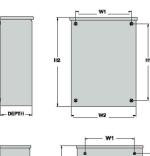
Model		RXSC100A3	RXSC200A3
Height	н	17.24/437.9	17.24/437.9
(in./mm)	H2	20/508	20/508
Width (in./mm)	WI	12.5/317.5	12.5/317.5
	W2	14.6/370.8	14.6/370.8
Depth (i	n./mm)	7.09/180.1	7.09/180.1
Weight (lbs./kilos)		20/9.07	20/9.07

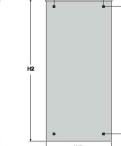


Generac Power Systems, Inc. • \$45 W29290 HWY.59, Waukesha, W153189 • generac. @2017 Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice. Bulletin 1000

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COM A 04/24/17		TRUN FAIR	AN LEDGE PARK RI IBULL, CT 06611 FIELD COUNTY	>
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GENE





FOUNDATION NOTES & CONCRETE SPECIFICATIONS:

- 1. FOUNDATION AREA SHALL BE EXCAVATED TO THE DEPTH AND DIMENSIONS SHOWN ON THE PLANS. EXISTING LEDGE AND ALL OTHER EXISTING UNSUITABLE MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE. THE SUBGRADE SHALL BE ROLLED WITH A 1-TON, VIBRATORY, WALK-BEHIND ROLLER AT A SPEED OF LESS THAN 2 FPS, 6 PASSES MINIMUM, TO PROVIDE UNYIELDING SURFACE.
- 2. UNDERCUT SOFT OR "WEAVING" AREAS A MINIMUM OF 12 INCHES DEEP. BACKFILL UNDERCUT AREA WITH FILL MEETING THE SPECIFICATIONS OF STRUCTURAL FILL.
- 3. CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c)=4000 psi. CONCRETE TO BE AIR ENTRAINED, DESIRED AIR CONTENT TO BE 6% (PLUS OR MINUS 2%)
- 4. REINFORCING BAR TO BE ASTM A615 GRADE 60.
- 5. WELDED WIRE FABRIC TO CONFORM TO THE REQUIREMENTS OF ASTM A185. WIRES FOR FABRIC TO CONFORM TO THE REQUIREMENTS OF ASTM A82.
- 6. COORDINATE WITH MANUFACTURER OF PREFABRICATED SHELTER FOR LOCATION OF ATTACHMENTS TO BASE SLAB.
- 7. ALL REINFORCING TO HAVE MINIMUM CONCRETE COVER PER ACI SPECIFICATIONS.
- 8. ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO LATEST EDITION OF ACI 318 AND APPLICABLE STATE BUILDING CODE.
- 9. SLOPE SLAB TO ALLOW FOR WATER DRAINAGE AWAY FROM SITE.

-BARS PERPENDICULAR TO THE EXISTING PAD ARE TO BE DOWELED INTO THE EXISTING PAD A MINIMUM OF 6" EMBEDMENT CONTRACTOR TO MATCH -SEE PLAN-HEIGHT OF EXISTING SLAB-CHAMFER -#4 BARS @ 10" O.C./E.W. . 0 2020202 -2" DOW STYROFOAM HIGHLOAD 60 EXTRUDED POLYSTYRENE ←12" MIN. COMPACTED FROST-FREE GRAVEL FILL -CLEAN INTERFACE WITH BUSH HAMMER OR BY SANDBLASTING TO CREATE LEVEL BOND SURFACE, SIKADUR 32 (OR APPROVED EQUAL) HILTI RE-500 V3 EPOXY BENDING TO BE APPLIED TO THE EXISTING FOUNDATION PRIOR TO POURING CONCRETE CONCRETE PAD DETAIL A-4 /

T - Mobile NORTHEAST LLC T-MOBILE NORTHEAST, LLC. 35 GRIFFIN RD 5 BLOOMFIELD, CT 06002 PHONE: (860) 629-1700				
750 W CENTER ST, SUITE 301 WEST BRIDGEWATER, MA 02379 PHONE: 781.713.4725				
REVISIONS				
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SITE NAME: CT961/INDIAN LEDGE PRK SITE ID: CT11961A SITE ADDRESS:				
425 INDIAN LEDGE PARK RD TRUMBULL, CT 06611 FAIRFIELD COUNTY				
A-4				

ELECTRICAL NOTES

SUBMITTAL OF BID INDICATES THAT THE CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT

CONTRACTOR SHALL PERFORM ALL VERIFICATIONS, OBSERVATION TESTS, AND 7 EXAMINATION WORK PRIOR TO ORDERING OF ANY EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE PROJECT MANAGER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES

THESE PLANS ARE DIAGRAMMATIC ONLY, FOLLOW AS CLOSELY AS POSSIBLE.

CONTRACTOR SHALL COORDINATE ALL WORK BETWEEN TRADES AND ALL OTHER SCHEDULING AND PROVISIONARY CIRCUMSTANCES SURROUNDING THE PROJECT

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR COMPLETE AND FUNCTIONALLY OPERATING SYSTEMS ENERGIZED AND READY FOR USE THROUGHOUT AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED

ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT ELECTRICAL MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORIES AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO

SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF ALL GOVERNING BODIES HAVING JURISDICTION OVER THE CONSTRUCTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA AND NBFU. ALL MATERIALS AND EQUIPMENT SHALL BE WITH THE NATIONAL ELECTRICAL CODE; ARTICLES 250 & 810 AND THE UTILITY APPROVED FOR THEIR INTENDED USE AND LOCATION.

ALL WORK SHALL COMPLY WITH ALL APPLICABLE GOVERNING STATE, COUNTY 14. CONDUIT: AND CITY CODES AND OSHA, NFPA, NEC & ASHRAE REQUIREMENTS.

ENTIRE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE, ALL WORK, MATERIAL AND EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.

PROPERLY SEAL ALL PENETRATIONS. PROVIDE UL LISTED FIRE-STOPS WHERE PENETRATIONS ARE MADE THROUGH FIRE-RATED ASSEMBLIES. WATER-TIGHT USING SILICONE SEALANT

10. DELIVER ALL BROCHURES, OPERATING MANUALS, CATALOGS AND SHOP DRAWINGS TO THE PROJECT MANAGER AT JOB COMPLETION. PROVIDE MAINTENANCE MANUALS FOR MECHANICAL EQUIPMENT. AFFIX MAINTENANCE LABELS TO MECHANICAL EQUIPMENT.

ALL CONDUCTORS SHALL BE COPPER. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG., UNLESS OTHERWISE NOTED. CONDUCTORS SHALL BE TYPE THHW, RATED IN ACCORDANCE WITH NEC 110-14(C).

12 ALL CIRCUIT BREAKERS FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING BATING NOT LESS THE MAXIMUM INTERRUPTING CURRENT TO WHICH

THEY MAY BE SUBJECTED

13. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED IN ACCORDANCE COMPANY STANDARDS.

- RIGID CONDUIT SHALL BE U.L. LABEL GALVANIZED ZINC COATED WITH ZINC REQUIRED BY CODE TO FOLLOW A DIFFERENT SCHEME. Α. INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS. IN CONTACT WITH THE EARTH. UNDER PUBLIC ROADWAYS. IN MASONBY WALLS OR EXPOSED ON BLUEDING EXTERIOR, BIGID CONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO 3
- ELECTRICAL METALLIC TUBING SHALL HAVE U.L. LABEL, FITTINGS SHALL BE В. GLAND RING COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR 19. RUNS
- C. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE U.L. LISTED AND SHALL BE USED AT FINAL CONNECTIONS TO MECHANICAL EQUIPMENT & RECTIFIERS AND WHERE PERMITTED BY CODE. ALL CONDUIT IN EXCESS OF SIX FEET IN LENGTH SHALL CONTAIN A FULL-SIZE GROUND CONDUCTOR.
- CONDUIT RUNS SHALL BE SURFACE MOUNTED ON CEILINGS OR WALLS UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL RUN PARALLEL OR PERPENDICULAR TO WALLS FLOOR CEILING OR BEAMS VERIEV EXACT ROUTING OF ALL EXPOSED CONDUIT WITH THE PROJECT MANAGER PRIOR TO INSTALLING

17. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS. BACKGROUND SHALL BE BLACK WITH WHITE LETTERS; EXCEPT AS

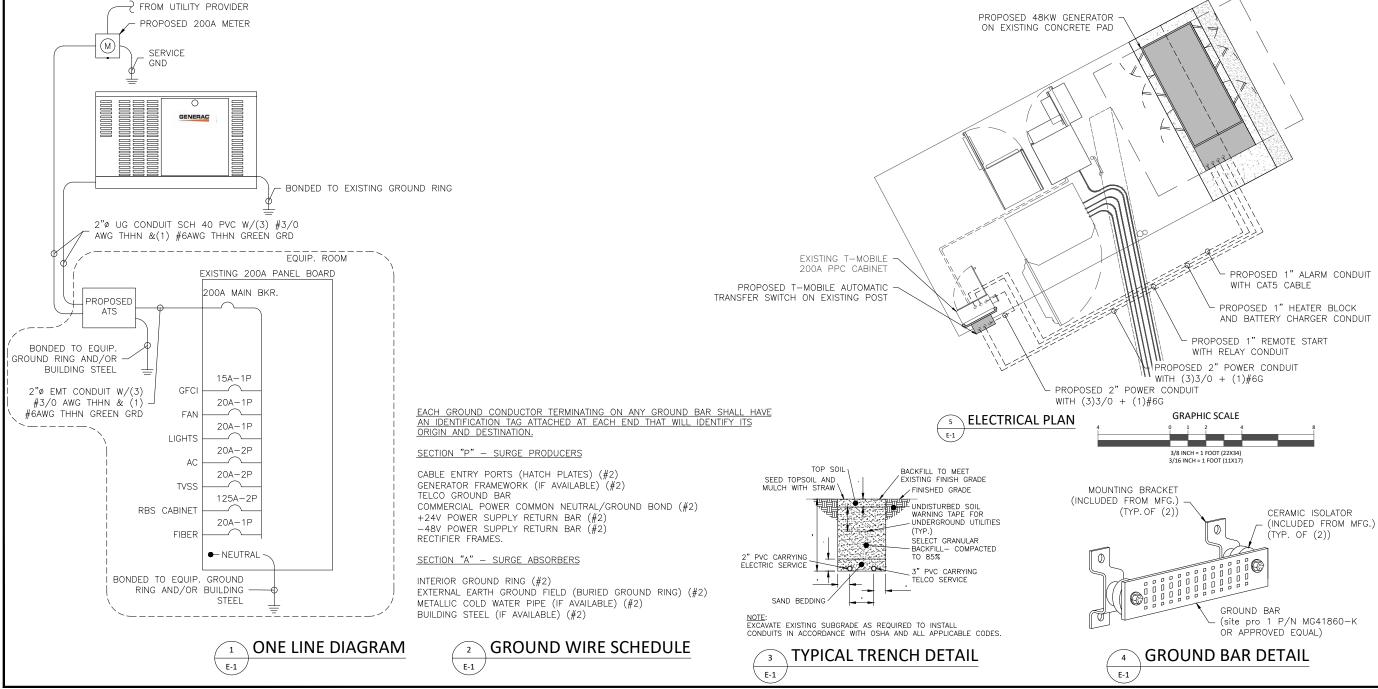
UPON COMPLETION OF WORK CONDUCT CONTINUITY SHORT CIRCUIT AND FALL OF POTENTIAL GROUNDING TESTS FOR APPROVAL SUBMIT TEST REPORTS TO PROJECT MANAGER, GROUNDING SYSTEM RESISTANCE SHALL NOT EXCEED 5 OHMS IF THE RESISTANCE VALUE IS EXCEEDED, NOTIFY THE PROJECT MANAGER FOR FURTHER INSTRUCTION ON METHODS FOR REDUCING THE RESISTANCE VALUE.

CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK I A COMPLETE AND UNDAMAGED CONDITION. LEGALLY DISPOSE OF ALL REMOVED, UNUSED AND EXCESS MATERIAL GENERATED BY THE WORK OF THIS CONTRACT. DELIVER ITEMS INDICATED ON THE DRAWINGS TO THE OWNER IN GOOD CONDITION OBTAIN SIGNED RECEIPT UPON DELIVERY.

COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND 20. PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS SHALL BE PAID BY THE CONTRACTOR

VERIEVALL EXISTING CIRCUITRY PRIOR TO REMOVAL AND NEW WORK MAINTAIN POWER TO ALL OTHER AREAS & CIRCUITS NOT SCHEDULED FOR REMOVAL

MANAGER



E. PVC CONDUIT MAY BE PROVIDED ONLY WHERE SHOWN, OR IN UNDERGROUND INSTALLATIONS, PROVIDE UV-RESISTANT CONDUIT WHERE EXPOSED TO THE ATMOSPHERE, PROVIDE GROUND CONDUCTOR IN ALL PVC RUNS: EXCEPT WHERE PERMITTED BY CODE TO OMIT

22. RED LINED AS-BUILT PLANS SHALL BE PROVIDED TO THE CONSTRUCTION

PROPOSED 1" ALARM CONDUIT

AND BATTERY CHARGER CONDUIT

425 INDIAN LEDGE PARK RD

CT961/INDIAN LEDGE PRK

CT11961A

T - Mobile

NORTHEAST LLC

T-MOBILE NORTHEAST, LLC. 35 GRIFFIN RD S BLOOMFIELD, CT 06002 PHONE: (860) 629-1700

750 W CENTER ST, SUITE 301

WEST BRIDGEWATER MA 02379

PHONE: 781.713.4725

REVISIONS

CENTERLINE

SSUED FOR CONSTRUCTIO

DESCRIPTION

APPROVED BY

SUED FOR REVIEW

IN OF CONNECTOR

SSIONAL ENGINEERIN

DATE: 09/27/2022

09/27/22 09/12/2

DATE

DESIGNED BY

TRUMBULL, CT 06611 FAIRFIELD COUNTY

SHEET TITLE:

DRAWING

SITE ADDRESS:

SITE NAM

SITE ID:

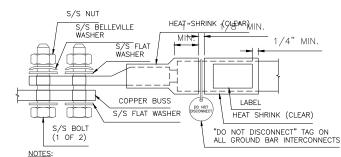
ELECTRICAL PLAN & DETAILS

E-1

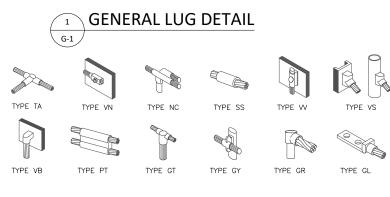
GROUNDING NOTES:

- GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL GROUNDING DEVICES SHALL BE U.L. APPROVED OR LISTED FOR THEIR INTENDED USE.
- ALL WIRES SHALL BE AWG THHN/THWN COPPER UNLESS NOTED OTHERWISE.
- GROUNDING CONNECTIONS TO GROUND RODS, GROUND RING WIRE, TOWER BASE AND FENCE POSTS SHALL BE EXOTHERMIC ("CADWELDS") UNLESS NOTED OTHERWISE. CLEAN SURFACES TO SHINY METAL. WHERE GROUND WIRES ARE CADWELDED TO GALVANIZED SURFACES. SPRAY CADWELD WITH GAI VANIZING PAINT
- GROUNDING CONNECTIONS TO GROUND BARS ARE TO BE TWO-HOLE BRASS MECHANICAL CONNECTORS WITH STAINLESS STEEL HARDWARE (INCLUDING SCREW SET) CLEAN GROUND BAR TO SHINY METAL. AFTER MECHANICAL CONNECTION, TREAT WITH PROTECTIVE ANTIOXIDANT COATING.
- GROUND COAXIAL CABLE SHIELDS AT BOTH ENDS WITH MANUFACTURER'S GROUNDING KITS
- ROUTE GROUNDING CONDUCTORS THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. BEND GROUNDING LEADS WITH A MINIMUM 12" RADIUS.
- INSTALL #2 AWG GREEN-INSULATED STRANDED WIRE FOR ABOVE GRADE GROUNDING AND #2 TINNED SOLID COPPER WIRE FOR BELOW GRADE GROUNDING UNLESS OTHERWISE NOTED.

GR	DUNDING LEGEND
	COAXIAL CABLE SHIELD GROUND KIT CONNECTION
I	COMPRESSION FITTING CONNECTION
•	EXOTHERMIC WELD CONNECTION
۲	5/8"X10' COPPER-CLAD STEEL GROUND ROD
۲	5/8"X10' COPPER-CLAD STEEL GROUND ROD WITH INSPECTION WELL
	EXISTING GROUND WIRING
	EXISTING GROUND WIRING
00000000	TINNED COPPER GROUND BAR
CGB	COLLECTOR GROUND BAR
MGB	MAIN GROUND BAR



- ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING BELLEVILLES COAT ALL SURFACES WITH ANTI-OXIDATION COMPOUND BEFORE MATING.
- FOR GROUND BOND TO STEEL ONLY: INSERT A DRAGON TOOTH WASHER 2 BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH ANTI-OXIDATION COMPOUND
- 3. COAT ALL BARRELS WITH ANTI-OXIDATION COMPOUND BEFORE CRIMPING.



GROUNDING CONNECTION DETAILS G-1

- 9. REFER TO GROUNDING PLAN FOR GROUND BAR LOCATIONS. GROUNDING CONNECTIONS SHALL BE EXOTHERMIC TYPE ("CADWELDS") TO ANTENNA MOUNTS AND GROUND RING. REMAINING GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO-HOLE LUGS.
- 10. THE GROUND ELECTRODE SYSTEM SHALL CONSIST OF DRIVEN GROUND RODS POSITION ACCORDING TO GROUNDING PLAN. THE GROUND RODS SHALL BE 5/8"X10'-0" COPPER CLAD STEEL INTERCONNECTED WITH #2 TINNED SOLID COPPER WIRE BURIED 36" BELOW GRADE. BURY GROUND RODS A MAXIMUM OF 15' APART, AND A MINIMUM OF 8' APART.
- 11. IF ROCK IS ENCOUNTERED GROUND RODS SHALL BE PLACED AT AN OBLIQUE ANGLE NOT TO EXCEED 45°.
- 12. EXOTHERMIC WELDS SHALL BE MADE IN ACCORDANCE WITH ERICO PRODUCTS BULLETIN A-AT.

- RING SYSTEM SHALL BE DOCUMENTED WITH PHOTOGRAPHS PRIOR TO BACKFILLING SITE. PROVIDE PHOTOS TO THE CONSTRUCTION MANAGER
- 14 ALL GROUND LEADS EXCEPT THOSE TO THE FOUIPMENT ARE TO BE #2
- KOPR-SHIELD (TM OF JET LUBE INC.). PRIOR TO BOLTING GROUND WIRE LUGS TO GROUND BARS, APPLY KOPR-SHIELD OR EQUAL.
- "FALL OF POTENTIAL TEST". TEST SHALL BE WITNESSED BY A T-MOBILE REPRESENTATIVE, AND RECORDED ON THE "GROUND RESISTANCE TEST"

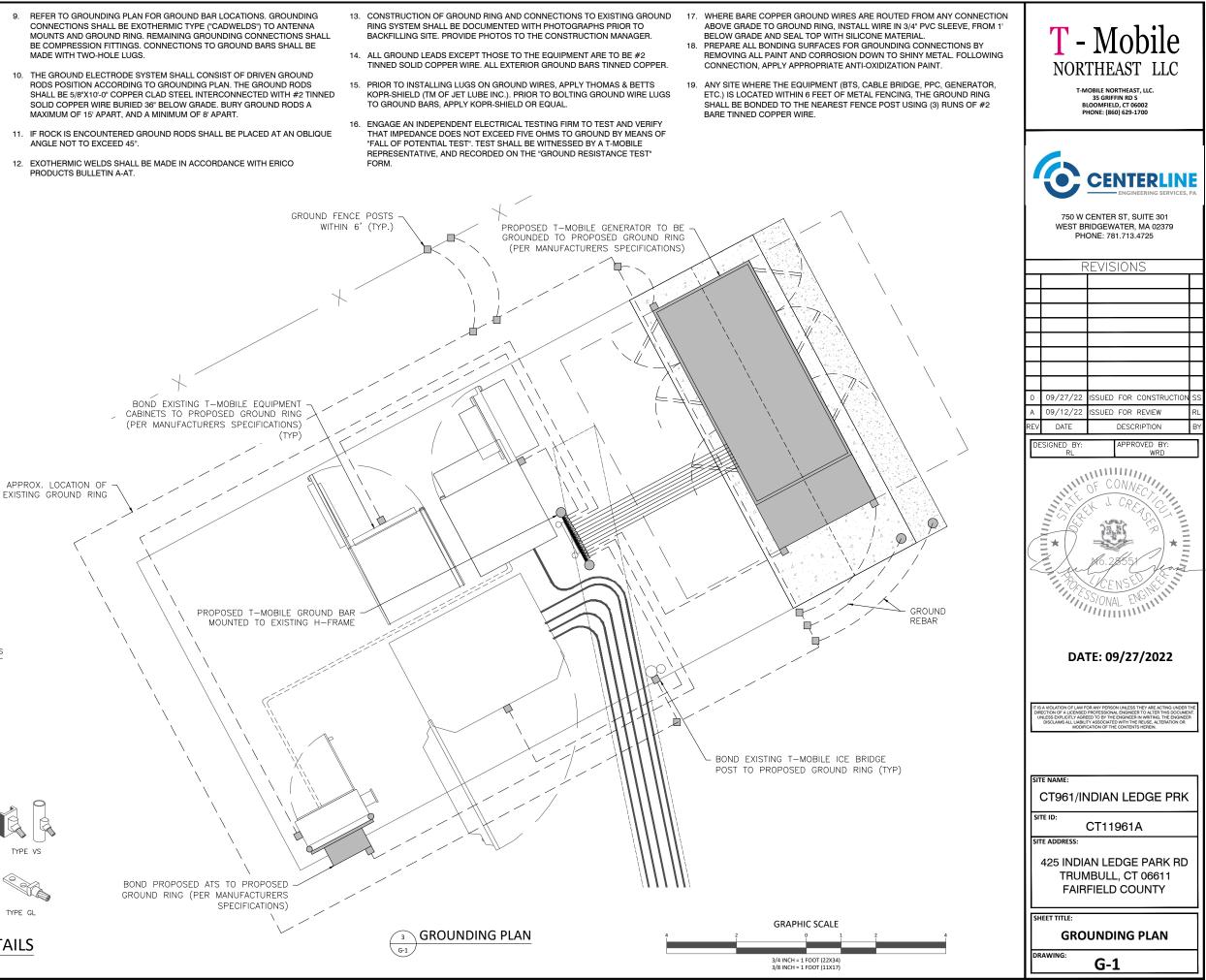


Exhibit D

Mailing Receipts/Proof of Notice

- 1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
- 2. Fold the printed label at the solid line below. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. GETTING YOUR SHIPMENT TO UPS

Customers with a Daily Pickup

Your driver will pickup your shipment(s) as usual.

Customers without a Daily Pickup

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages. Hand the package to any UPS driver in your area.

UPS Access PointTM CVS STORE # 629 146 SOUTH ST DANBURY ,CT 06810 UPS Access PointTM TIENDA ECUADOR 72 LAKE AVE DANBURY ,CT 06810 UPS Access PointTM THE UPS STORE 42 LAKE AVENUE EXT DANBURY ,CT 06811



- 1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
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< 1 of 2 **>**

Serv	vice Impacted by Hurricane Ian <u>More (/us/en</u>	<u>/service-alerts.page?id=alert1)</u>	X
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View Details

X

Track Another Package

Last	Updated: 09/28/2022 3:09 P.M. E	ST Track	
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Close +

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< 1 of 2 **>**

Service Impacted by Hurricane Ian ...More (/us/en/service-alerts.page?id=alert1)

Serv	vice Impacted by Hurricane Ian <u>More (/us/en</u>	<u>/service-alerts.page?id=alert1)</u>	X
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