



NB&C, LLC
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Agent for American Tower Corporation
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December 28, 2018

Melanie A. Bachman Acting Executive Director Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Notice of Exempt Modification Facility Address: 1000 Trumbull Ave. Bridgeport, CT 06606 Facility Coordinates (N) 41.21960000 (W) 73.20128611

Dear Ms. Bachman:

American Tower Corporation, Inc (ATC) currently maintains an Existing Cellular Tower Facility (240' Self Support Tower) at 1000 Trumbull Ave. Bridgeport, CT 06606, Mblu 82/2778/61/B. The tower and property are owned by American Tower. American Tower Corporation, Inc (ATC) now intends to install an 80kw Generator within the leased, fenced ground space area of the facility. The purpose of the generator installation is to allow for a shared back up emergency power option for its current (and future) wireless carrier tenants.

Because this proposed generator is within the existing, approved compound space, and the applicant is NOT requesting expansion of ground space beyond the approved conditions, please accept this letter, as notification pursuant to Regulations of Connecticut State Agencies @16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. @16-50j-72(b)(2). IN accordance with R.C.S.A. @16-50j-73, a copy of this letter is being sent to Mayor Joseph Ganim - City of Bridgeport, Dennis Buckley Zoning Administrator - City of Bridgeport, as well as the property owner and tower owner.

ATTACHMENT A

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 generator back up power facility will not increase radio frequency emissions at the facility to the 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 if the tower will be reenforced to support them. <<< NOTE This condition is N/A. The proposed Generator is based on the ground, and not associated or loaded onto the tower or foundation.

For the foregoing reasons, American Tower Corporation (ATC) 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,

David Hoogasian

Attachments

Cc:

Mayor Joseph Ganim - Elected Official Dennis Buckley -Zoning Administrator American Tower Corporation (ATC) – Tower and property owner

1000 TRUMBULL AV

Location 1000 TRUMBULL AV **Mblu** 82/ 2778/ 61/B /

Acct# RT-0049550 Owner GLOBAL TOWER ASSETS LLC

Assessment \$310,420 **Appraisal** \$443,440

> **PID** 32253 **Building Count** 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$75,820	\$367,620	\$443,440
Assessment			
Valuation Year	Improvements	Land	Total
2017	\$53,090	\$257,330	\$310,420

Owner of Record

Owner GLOBAL TOWER ASSETS LLC

Co-Owner Address

10 PRESIDENTIAL WAY

WOBURN, MA 01801

Sale Price \$0 Certificate

Book & Page 9695/74

Sale Date 09/13/2017

Instrument 04

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
GLOBAL TOWER ASSETS LLC	\$0		9695/ 74	04	09/13/2017
GLOBAL TOWER ASSETS LLC	\$0		9500/ 294	03	09/14/2016
CELL TOWER LEASE ACQUISION LLC	\$0		7342/ 302	03	01/23/2007
UNISON SITE MANAGEMENT LLC	\$1,925,000		7342/ 299	03	01/23/2007
TARTAGLIA REMO	\$700,000		3018/ 317		07/06/1992

Building Information

Building 1 : Section 1

Year Built:

Living Area:

Replacement Cost: **Building Percent**

Good:

Replacement Cost

Less Depreciation: \$0 **Building Photo**

0

\$0

Building Attributes		
Field	Description	
Style	Telephone Bldg	
Model		
Grade:		
Stories:		
Occupancy:		
Exterior Wall 1:		
Exterior Wall 2:		
Roof Structure:		
Roof Cover:		
Interior Wall 1:		
Interior Wall 2:		
Interior Flr 1:		
Interior FIr 2		
Heat Fuel:		
Heat Type:		
AC Type:		
Total Bedrooms		
Total Full Baths		
Total Half Baths		
Total Xtra Fixtrs:		
Total Rooms		
Bath Style:		
Kitchen Style:		
Fireplaces		
Fin Bsmt Area		
Fin Bsmt Quality		
Bsmt Garages		



Building Layout



(http://images.vgsi.com/photos2/BridgeportCTPhotos//Sketches/

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

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use		Land Line Valua	tion
Use Code	200V	Size (Acres)	3.05
Description	Commercial Lnd	Frontage	0
Zone	RA	Depth	0
Neighborhood	2140	Assessed Value	\$257,330
Alt Land Appr	No	Appraised Value	\$367,620

Category

Outbuildings

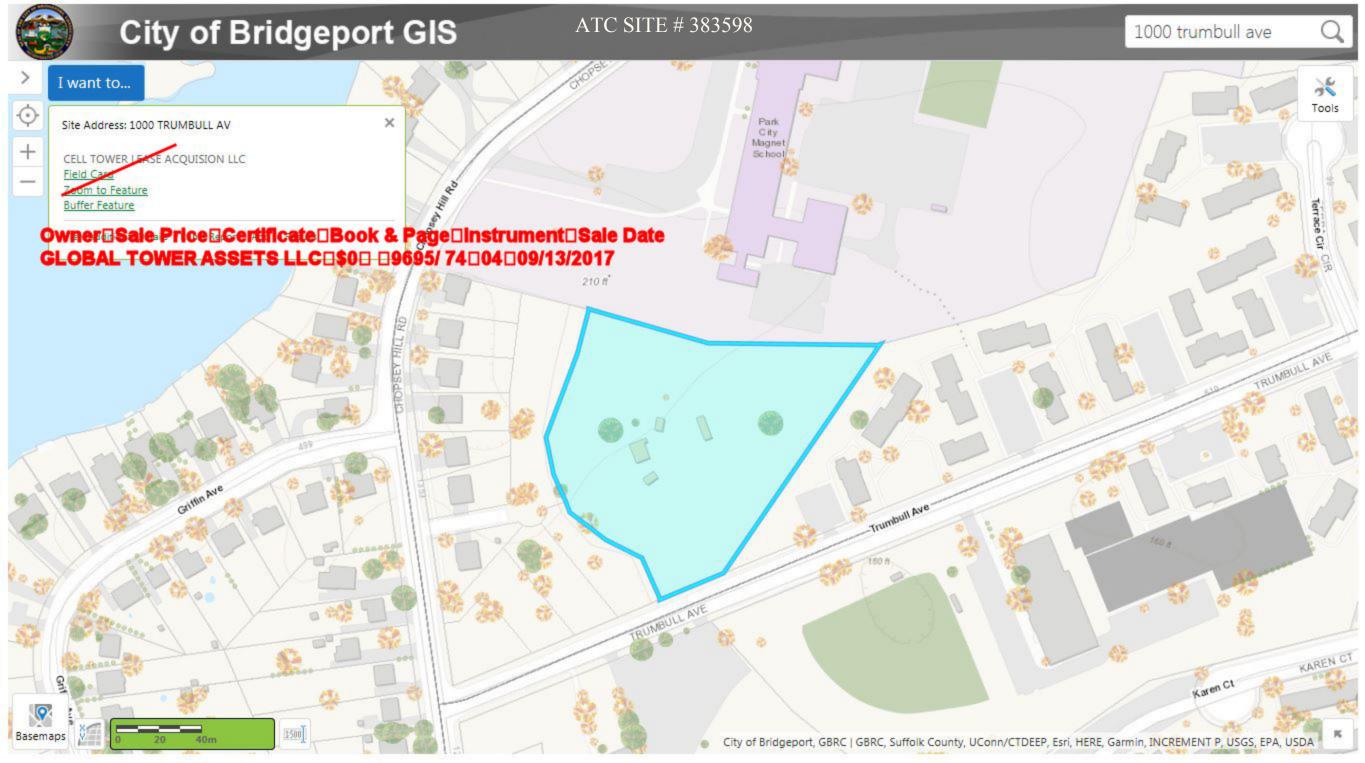
Outbuildings <u>Leg</u>					Legeno	
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
FN5	Fence 10'			616 LF	\$6,160	1
PAV2	Paving Conc			40 SF	\$110	1
TWR	Tower			240 LF	\$48,000	1
SHD1	Shed	MS	Masonry	1200 SF	\$12,240	1
SHD1	Shed	MS	Masonry	432 SF	\$4,410	1
SHD1	Shed	MS	Masonry	240 SF	\$2,450	1
SHD1	Shed	MS	Masonry	240 SF	\$2,450	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$75,820	\$367,620	\$443,440
2016	\$75,820	\$367,620	\$443,440
2015	\$75,820	\$367,620	\$443,440

Assessment			
Valuation Year	Improvements	Land	Total
2017	\$53,090	\$257,330	\$310,420
2016	\$53,090	\$257,330	\$310,420
2015	\$53,090	\$257,330	\$310,420

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Standby Power Rating 50 kW, 63 kVA, 60 Hz

Prime Power Rating* 45 kW, 56 kVA, 60 Hz





*EPA Certified Prime ratings are not available in the US or its Territories



Codes and Standards

Generac products are designed to the following standards:





UL2200, UL508, UL489, UL142



CSA 22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99, 110



NEC700, 701, 702, 708



ISO 3046, 7637, 8528, 9001



NEMA ICS10, MG1, 250, ICS6, AB1



ANSI C62.41



IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SD050 | 3.4L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

STANDARD FEATURES

ENGINE SYSTEM

- · Oil Drain Extension
- Air Cleaner
- Fan Guard
- · Stainless Steel Flexible Exhaust Connection
- · Factory Filled Oil and Coolant
- Radiator Duct Adapter (Open Set Only)
- Critical Exhaust Silencer (Enclosed Only)

Fuel System

- · Fuel Lockoff Solenoid
- Primary Fuel Filter

Cooling System

- · Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene Glycol Antifreeze
- 120 VAC Coolant Heater

Electrical System

- · Battery Charging Alternator
- · Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- · Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- GENprotect[™]
- 12 Leads (3-Phase, Non 600V)
- · Class H Insulation Material
- Vented Rotor
- 2/3 Pitch
- Skewed Stator
- Auxiliary Voltage Regulator Power Winding
- Brushless Excitation
- Sealed Bearing
- Automated Manufacturing (Winding, Insertion, Lacing, Varnishing)
- Rotor Dynamically Spin Balanced
- Amortisseur Winding
- Full Load Capacity Alternator
- · Protective Thermal Switch

GENERATOR SET

- Internal Genset Vibration Isolation
- · Separation of Circuits High/Low Voltage
- Separation of Circuits Multiple Breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- 1 Year Limited Warranty (Prime Rated Units)
- Silencer Mounted in the Discharge Hood (Enclosed Only)
- Silencer of Heat Shield

ENCLOSURE (If Selected)

 Rust-Proof Fasteners with Nylon Washers to Protect Finish

INDUSTRIAL

- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors

GENERAC[®]

- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- · Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ Textured Polyester Powder Coat Paint

TANKS (If Selected)

- UL 142
- Double Wall Construction
- Vents
- · Sloped Top
- Sloped Bottom
- Factory Pressure Tested 2 psi (14 kPa)
- · Rupture Basin Alarm
- · Fuel Level
- · Check Valve In Supply and Return Lines
- RhinoCoat™ Textured Polyester Powder Coat Paint
- Stainless Steel Hardware

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

Program Functions

- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- 3-Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/Sealed Connectors

- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- NFPA110 Level I and II (Programmable)

E-Stop (Red Mushroom-Type)

- · Customizable Alarms, Warnings, and Events
- Modbus[®] Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- · kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Overspeed
- Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms and Warnings
- · Alarms and Warnings Spelled Out (No Alarm Codes)

SD050 | 3.4L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- Oil Make-Up System
- Oil Heater
- O Industrial Exhaust Silencer (Open Set)

FUEL SYSTEM

- O Flexible Fuel Lines
- O Primary Fuel Filter

ELECTRICAL SYSTEM

- 10A UL Battery Charger
- O 2.5A UL Battery Charger
- O Battery Warmer

ALTERNATOR SYSTEM

- O Alternator Upsizing
- O Anti-Condensation Heater
- Tropical Coating
- O Permanent Magnet Excitation

GENERATOR SET

- GenLink[®] Communications Software (English Only)
- O 8 Position Load Center

CIRCUIT BREAKER OPTIONS

- O Main Line Circuit Breaker
- O 2nd Main Line Circuit Breaker
- O Shunt Trip and Auxiliary Contact
- O Electronic Trip Breakers

ENCLOSURE

- O Weather Protected Enclosure
- O Level 1 Sound Attenuation
- O Level 2 Sound Attenuation
- O Level 2 Sound Attenuation with Motorized Dampers
- Steel Enclosure
- O Aluminum Enclosure
- Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- O AC/DC Enclosure Lighting Kit
- O Door Alarm Switch

WARRANTY (Standby Gensets Only)

- 2 Year Extended Limited Warranty
- 5 Year Limited Warranty
- O 5 Year Extended Limited Warranty
- O 7 Year Extended Limited Warranty
- 10 Year Extended Limited Warranty

CONTROL SYSTEM

GENERAC

O NFPA 110 Compliant 21-Light Remote Annunciator

INDUSTRIAL

- O Remote Relay Assembly (8 or 16)
- Oil Temperature Sender with Alarm
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- O Remote E-Stop (Red Mushroom-Type, Flush Mount)
- O Remote Communication Modem
- O 10A Run Relay
- O Ground Fault Indication and Protection Functions

TANKS (Size On Last Page)

- O Electric Fuel Level
- O Mechanical Fuel Level
- O 8 in (203.2 mm) Fill Extension
- O 13 in (330.2 mm) Fill Extension
- O 19 in (482.6 mm) Fill Extension

ENGINEERED OPTIONS

ENGINE SYSTEM

- O Coolant Heater Ball Valves
- O Fluid Containment Pan
- Block Heaters

CONTROL SYSTEM

- O Spare Inputs (x4) / Outputs (x4)
- O Battery Disconnect Switch

ALTERNATOR SYSTEM

O 3rd Breaker System

GENERATOR SET

- Special Testing
- O IBC Seismic Certification

ENCLOSURE

- O Door Switch for Intrusion Alarm
- Enclosure Ambient Heaters

TANKS

- Overfill Protection Valve
- O UL2085 Tank
- O ULC S-601 Tank
- O Stainless Steel Tanks
- O Special Fuel Tanks (MIDEQ and FL DEP/DERM, etc.)
- O Vent Extensions

POWER

SD050 | 3.4L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

0				ı
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Make	Generac
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	4
Туре	In-Line
Displacement - in ³ (L)	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
Crankshaft Type	Forged Steel
Engine Coverning	

Engine Governing

Crankcase Capacity - qt (L)

9 9	
Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.25%
Lubrication System	
Oil Pump Type	Gear
Oil Filter Type	Full Flow Cartridge

7.4 (7)

Cooling System

Cooling System Type	Closed Recovery
Water Pump Type	Pre-Lubed, Self Sealing
Fan Type	Pusher
Fan Speed - rpm	2,250
Fan Diameter - in (mm)	560 (22)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel #2
Fuel Specifications	ASTM
Fuel Filtering (microns)	10
Fuel Inject Pump	Bosch (VE)
Fuel Pump Type	Engine Driven Gear
Injector Type	Pintel - 2,100 psi (14,479 kPa)
Fuel Supply Line - in (mm)	0.312 (7.92) NPT
Fuel Return Line - in (mm)	0.312 (7.92) NPT

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	Generac 390 mm
Poles	4
Field Type	Revolving
Insulation Class - Rotor	Н
Insulation Class - Stator	Н
Total Harmonic Distortion	<5% (3-Phase)
Telephone Interference Factor (TIF)	< 50

Standard Excitation	Synchronous Brushless				
Bearings	Single Sealed Cartridge				
Coupling	Direct via Flexible Disc				
Load Capacity - Standby	100%				
Prototype Short Circuit Test	Yes				
Voltage Regulator Type	Digital				
Number of Sensed Phases	All				
Regulation Accuracy (Steady State)	±0.25%				

SD050 | 3.4L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



OPERATING DATA

POWER RATINGS

		Standby
Single-Phase 120/240 VAC @1.0pf	50 kW	Amps: 208
Three-Phase 120/208 VAC @0.8pf	50 kW	Amps: 173
Three-Phase 120/240 VAC @0.8pf	50 kW	Amps: 150
Three-Phase 277/480 VAC @0.8pf	50 kW	Amps: 75
Three-Phase 346/600 VAC @0.8pf	50 kW	Amps: 60

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

277/480 VAC										208	/240 VAC				
Alternator	kW	10%	15%	20%	25%	30%	35%	Alternator	kW	10%	15%	20%	25%	30%	35%
Standard	50	34	52	69	86	103	120	Standard	50	26	39	52	65	77	90
Upsize 1	60	42	63	83	104	125	146	Upsize 1	60	32	47	62	78	94	110

FUEL CONSUMPTION RATES*

Diesel - gph (lph)

		31 (-1)
Fuel Pump Lift - ft (m)	Percent Load	Standby
3 (1)	25%	1.3 (4.9)
	50%	2.3 (8.7)
Total Fuel Pump Flow (Combustion + Return) - gph (lph)	75%	3.3 (12.5)
3.57 (13.51)	100%	4.3 (16.4)
	45 1 1 1 1 1 1 1 1 1	

^{*} Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Coolant Flow	gpm (lpm)	12.2 (46)
Coolant System Capacity	gal (L)	2.5 (9.5)
Heat Rejection to Coolant	BTU/hr (kW)	135,900 (39.8)
Inlet Air	cfm (m³/hr)	7,500 (212)
Maximum Operating Ambient Temperature	°F (°C)	122 (50)
Maximum Ambient Temperature (Before Derate)	See Bulletin	No. 0199280SSD
Maximum Radiator Backpressure	in H ₂ O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power cfm (m ³ /min)	166 (4.7)

ENGINE			EXHAUST		
		Standby			Standby
Rated Engine Speed	rpm	1,800	Exhaust Flow (Rated Output)	cfm (m³/min)	448 (12.7)
Horsepower at Rated kW**	hp	86	Max. Allowable Backpressure	inHg (kPa)	1.5 (5.1)
Piston Speed	ft/min (m/min)	1,335 (406.9)	Exhaust Temp (Rated Output)	°F (°C)	1,044 (562)
BMEP	psi (kPa)	169 (1,165)			

^{**} Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.

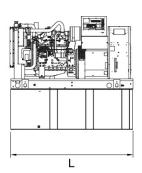
Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards. Standby - See Bulletin 0187500SSB

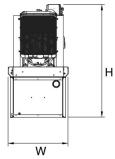
Prime - See Bulletin 0187510SSB

EPA Certified Stationary Emergency

GENERAC* INDUSTRIAL POWER

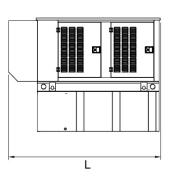
DIMENSIONS AND WEIGHTS*

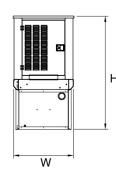




OPEN SET (Includes Exhaust Flex)

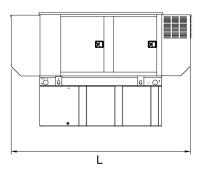
	Run Time - Hours	Usable Capacity - gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
ı	No Tank	-	76.7 (1,948) x 37.4 (950) x 45.2 (1,147)	1,776 (806)
	12	54 (204.4)	76.7 (1,948) x 37.4 (950) x 58.2 (1,477)	2,256 (1,024)
	30	132 (499.7)	76.7 (1,948) x 37.4 (950) x 70.2 (1,782)	2,486 (1,128)
	49	211 (798.7)	76.7 (1,948) x 37.4 (950) x 82.2 (2,087)	2,695 (1,223)
	69	300 (1,135.6)	92.9 (2,360) x 37.4 (950) x 85.7 (2,176)	2,758 (1,251)

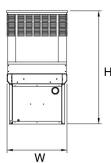




STANDARD ENCLOSURE

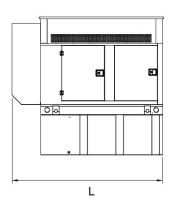
	Run Time	Usable Capacity	L x W x H - in (mm)	_	- Ibs (kg) sure Only
	- Hours	- gal (L)		Steel	Aluminum
1	No Tank	-	94.8 (2,409) x 38.0 (965) x 49.5 (1,258)		
	12	54 (204.4)	94.8 (2,409) x 38.0 (965) x 62.5 (1,588)	004	445
	30	132 (499.7)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)	- 334 - (152)	115 (52)
	49	211 (798.7)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)	(102)	(02)
	69	300 (1,135.6)	94.8 (2,409) x 38.0 (965) x 90.0 (2,287)	•	

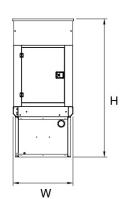




LEVEL 1 ACOUSTIC ENCLOSURE

	Run Time - Hours	Usable Capacity			: - Ibs (kg) sure Only
	- HOUIS	- gal (L)		Steel	Aluminum
+	No Tank	-	112.5 (2,857) x 38.0 (965) x 49.5 (1,258)		
	12	54 (204.4)	112.5 (2,857) x 38.0 (965) x 62.5 (1,588)	405	450
	30	132 (499.7)	112.5 (2,857) x 38.0 (965) x 74.5 (1,893)	435 - (198)	150 (68)
	49	211 (798.7)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)	(130)	(00)
	69	300 (1,135.6)	112.5 (2,857) x 38.0 (965) x 90.0 (2,287)		





LEVEL 2 ACOUSTIC ENCLOSURE

	Run Time	Usable Capacity	L x W x H - in (mm)		- lbs (kg) sure Only
	- Hours	- gal (L)		Steel	Aluminum
	No Tank	-	94.8 (2,409) x 38.0 (965) x 61.9 (1,572)		
ł	12	54 (204.4)	94.8 (2,409) x 38.0 (965) x 74.9 (1,902)	F00	470
	30	132 (499.7)	94.8 (2,409) x 38.0 (965) x 86.9 (2,207)	520 (236)	179 (81)
	49	211 (798.7)	94.8 (2,409) x 38.0 (965) x 98.9 (2,512)	(200)	(01)
	69	300 (1,135.6)	94.8 (2,409) x 38.0 (965) x 102.4 (2,601)		

^{*} All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.





ATC SITE NAME: TARTAGLIA

SITE NUMBER: 383598

SITE ADDRESS: 1000 TRUMBULL AVE

BRIDGEPORT, CT 06606



LOCATION MAP

SHARED GENERATOR PROGRAM ANCHOR TENANT

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION		SHEET INDEX			
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE	SITE ADDRESS:	THE PROPOSED PROJECT INSTALLS AN OPTIONAL STANDBY GENERATOR SYSTEM, AUTOMATIC TRANSFER SWITCH,	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS	1000 TRUMBULL AVE BRIDGEPORT, CT 06606	GENERATOR AUXILIARY POWER DISTRIBUTION, AND REMOTE MONITORING COMMUNICATIONS CIRCUITRY FOR A	G-001	TITLE SHEET	1	12/04/18	MG
TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.	COUNTY: FAIRFIELD	COMMUNICATION TOWER TENANT.	G-002	GENERAL NOTES	1	12/04/18	MG
	GEOGRAPHIC COORDINATES:	PROJECT NOTES	C-101	SITE PLAN	1	12/04/18	MG
INTERNATIONAL BUILDING CODE (IBC)	LATITUDE: 41° 13' 10.56" N41.21960000		C-501	CONCRETE PAD DETAILS	1	12/04/18	MG
2. NATIONAL ELECTRIC CODE (NEC)	LONGITUDE: 73° 12' 4.63" W-73.20128611	THE FACILITY IS UNMANNED.	E-601	ELECTRICAL ONE-LINE AND WIRING DETAILS	1	12/04/18	MG
3. LOCAL BUILDING CODE	GROUND ELEVATION: 175' AMSL	A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.					
4. CITY/COUNTY ORDINANCES		3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.					
		NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.					
	PROJECT TEAM	5. HANDICAP ACCESS IS NOT REQUIRED.					
	ATC REGIONAL NETWORK DEVELOPMENT PROJECT MANAGER:						
UTILITY COMPANIES	GREG CSAPO (919) 749-6927						
POWER COMPANY: UNKNOWN PHONE: N/A	ATC NETWORK OPERATIONS CENTER: (877) 518-6937						
TELEPHONE COMPANY: UNKNOWN	TOWER OWNER:	PROJECT LOCATION DIRECTIONS					
PHONE: N/A	AMERICAN TOWER 10 PRESIDENTIAL WAY						
	WOBURN, MA 01801 PROPERTY OWNER:						
811	GLOBAL TOWER ASSETS LLC 10 PRESIDENTIAL WAY WOBURN, MA 01801	FROM BRIDGEPORT, CT:					
	ENGINEERED BY:	TAKE CT-25 N/ CT-8 N AND CHOPSEY HILL RD TO YOUR DESTINATION. AFTER 3.8 MILES TURN LEFT. YOU WILL ARRIVE					
Know what's below .	ATC TOWER SERVICES	AT YOUR DESTINATION AFTER 82 FEET.					
Call before you dig.	3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518						



A.T. ENGINEERING SERVICE, PLLC 3500 REGENCY PARKWAY SUITE 100

SUITE 100 CARY, NC 27518 PHONE: (919) 468-0112 COA: P-1177

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ı	Λ	ADDRESS CHANGE	MG	12/04/18
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ATC SITE NUMBER:

383598

ATC SITE NAME:

TARTAGLIA

SITE ADDRESS: 1000 TRUMBULL AVE BRIDGEPORT, CT 06606

SEAL

T··Mobile

 DRAWN BY:
 TC

 APPROVED BY:
 PPB

 DATE DRAWN:
 09/19/18

 ATC JOB NO:
 12612228

TITLE SHEET

SHEET NUMBER

REVISION:

G-001

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GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC MASTER SPECIFICATIONS.
- CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES
 PRIOR TO START OF CONSTRUCTION.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
- 4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
- 5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
- 6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY
 WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, FTC.
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ATC CM PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE ATC CM PRIOR TO PROCEEDING.
- 11. EACH CONTRACTOR SHALL COOPERATE WITH THE ATC CM, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS
- 12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE ATC CONSTRUCTION MANAGER
- 13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
- 14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE ATC CONSTRUCTION MANAGER IMMEDIATELY.
- 15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
- 17. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
- 18. CONTRACTOR SHALL FURNISH ATC WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK
- 19. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CM TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
- 20. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CONSTRUCTION MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY ATC. ALL REQUIRED PERMITS NOT OBTAINED BY ATC MUST BE OBTAINED. AND PAID FOR, BY THE CONTRACTOR.
- 21. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH ATC SPECIFICATIONS AND REQUIREMENTS.
- 22. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ATC FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 23. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO ATC SPECIFICATIONS. AND AS SHOWN IN THESE PLANS.
- 24. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 25. CONTRACTOR SHALL NOTIFY ATC CM A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
- 26. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
- 27. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS

- REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR. SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION
- 28. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE ATC CM. ANY WORK FOUND BY THE ATC CM TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
- 29. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

CONCRETE AND REINFORCING STEEL NOTES:

- DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
- 2. MIX DESIGN SHALL BE APPROVED BY ATC CM PRIOR TO PLACING CONCRETE.
- CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-5" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED.
- 4. THE FOLLOWING MATERIALS SHALL BE USED:

PORTLAND CEMENT: ASTM C150, TYPE 2

REINFORCEMENT: ASTM A185, PLAIN STEEL WELDED WIRE FABRIC

REINFORCEMENT BARS: ASTM A615, GRADE 60, DEFORMED

NORMAL WEIGHT AGGREGATE: ASTM C33
WATER: ASTM C 94/C 94M

ADMIXTURES:

-WATER-REDUCING AGENT: ASTM C 494/C 494M, TYPE A

-AIR-ENTERING AGENT: ASTM C 260/C 260M

-SUPERPLASTICIZER: ASTM C494, TYPE F OR TYPE G

- -RETARDING: ASTM C 494/C 494M, TYPE B

 5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3"
- A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
- 7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ATC CM APPROVAL WHEN DRILLING HOLES IN CONCRETE.
- ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.
- DO NOT WELD OR TACK WELD REINFORCING STEEL.
- ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
- 11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
- 12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
- 13. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
- 14. FOR COLD-WEATHER(ACI 306) AND HOT-WEATHER(ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.
- 15. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."
- 16. UNLESS OTHERWISE NOTED:
 - ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A 615M/A-996, GRADE 60.
 - B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- 17. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
- 18. REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICED LENGTHS SHOWN IN THE

- DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTORS FOR TOP STEEL, BAR SPACING, COVER AND THE LIKE.
- DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).
- 20. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS. UNLESS SHOWN IN THE CONTRACT DRAWINGS.
- 21. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.
- 2. SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".
- BAR SUPPORTS SHALL BE ALL-GALVINIZED METAL WITH PLASTIC TIPS.
- 4. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE. BUT NOT LESS THAN NO. 18 GAUGE.
- 25 SLAB ON GROUND:
 - A. COMPACT SUBGRADE AND ENSURE THERE IS PLACE 6" GRAVEL BENEATH SLAB.
 - B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROUND.

STRUCTURAL STEEL NOTES:

- STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
- STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 - A. ASTM A-572, GRADE 50 ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
 - B. ASTM A-36 ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE
 - C. ASTM A-500, GRADE B HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
 - D. ASTM A-325, TYPE SC OR N ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
 - E. ASTM F-1554 07 ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
- ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695
- 4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS
- DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
- 6. CONNECTIONS
 - A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
 - B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
 - C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
 - D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
 - E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
 - F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
 - G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING ½" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.



AMERICAN TOWER®

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3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518

PHONE: (919) 468-0112

COA: P-1177

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ATC SITE NUMBER:

383598

ATC SITE NAME

TARTAGLIA

SITE ADDRESS: 1000 TRUMBULL AVE BRIDGEPORT, CT 06606

SEAL:

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 DRAWN BY:
 TC

 APPROVED BY:
 PPB

 DATE DRAWN:
 09/19/18

 ATC JOB NO:
 12612228

GENERAL NOTES

SHEET NUMBER

G-002

1

REVISION

SITE PLAN NOTES:

- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- 2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE ATC CONSTRUCTION MANAGER AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
- 4. CONTRACTOR SHALL INSURE THAT ALL WORKING SPACE REQUIREMENTS ARE MET PER APPLICABLE CODES AND MANUFACTURER SPECIFICATIONS.
- ABOVE GROUND CONDUITS NEED TO BE SUPPORTED/FASTENED PER NEC 344
 AND PER ATC MASTER SPECIFICATIONS.
- 6. THE FOLLOWING SIGNS SHALL BE INSTALLED AT TENANT SERVICE MAIN DISCONNECT PER NEC 702.7.

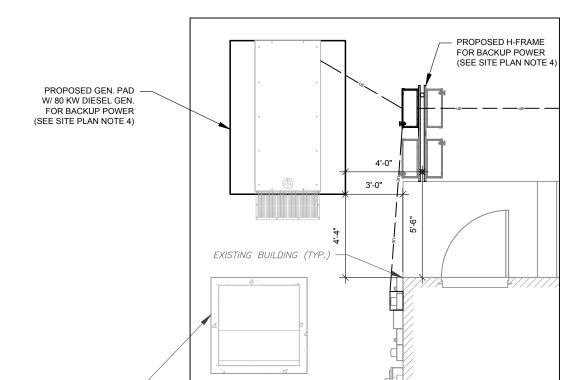
COMMUNICATIONS TRENCH

40' COMMUNICATIONS ONLY TRENCH

- 6.1. "CAUTION: TWO SOURCES OF SUPPLY STANDBY GENERATOR LOCATED OUTDOORS"
- 6.2. "WARNING: SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE IS ENERGIZED"

RODENT CONTROL AROUND GENERATOR ENVELOPE:

- INSTALL ALL PROVIDED SEALS, PLUGS, COVERS, ETC. IN GENERATOR AND FUEL TANK ENVELOPE. SEAL ALL REMAINING OPENINGS (EXCEPT NORMAL VENTING) WITH RODENT FOAM SEALANT. NO OPENING SHALL BE LARGER THAN 1/4 INCH ANY DIMENSION.
- SEAL ALL CONDUITS INCLUDING CONDUITS ENTERING GENERATOR EQUIPMENT, BOXES, ATTACHMENTS, ETC. WITH RODENT FOAM SEALANT.
- SEAL ALL CONDUIT ACCESS OPENINGS THROUGH CONCRETE PAD WITH CONCRETE.
- 4. SLOPE GRAVEL BASE AT CONCRETE PAD PERIMETER FROM ABOVE PAD BASE TO EXISTING GRADE LEVEL TYPICAL ALL PERIMETER SIDES.

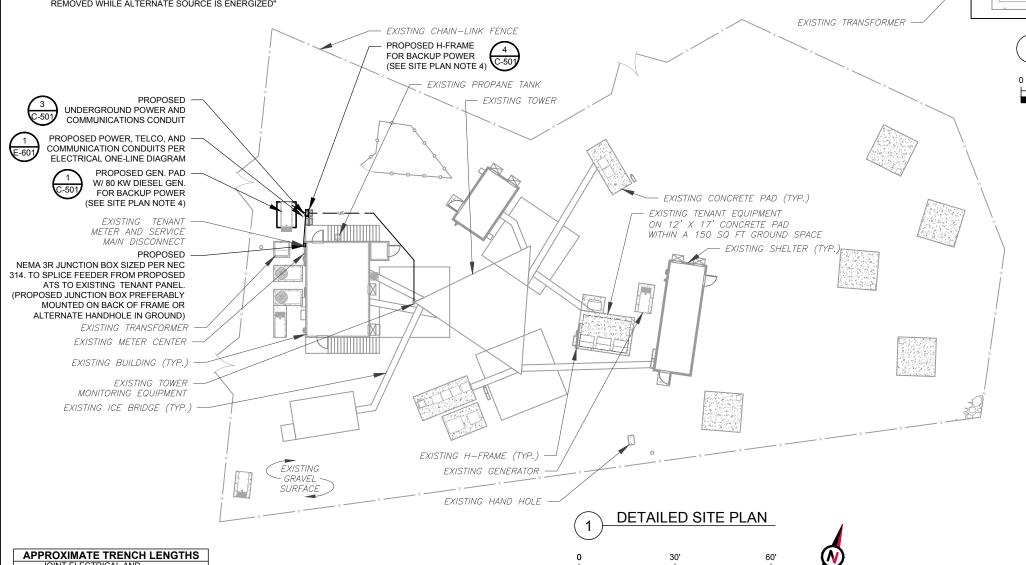


PROPOSED PLACEMENT

SCALE: 1"=5' (11X17)

2"=5' (22X34)

SEE SITE PLAN NOTE 4



SCALE: 1"=30' (11X17) 1"=15' (22X34)



3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518 PHONE: (919) 468-0112 COA: P-1177

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ATC SITE NUMBER:

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ATC SITE NAME:

TARTAGLIA

SITE ADDRESS: 1000 TRUMBULL AVE BRIDGEPORT, CT 06606

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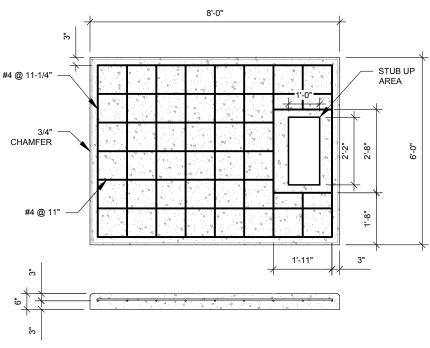
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DATE DRAWN:	09/19/18
ATC JOB NO:	12612228

SITE PLAN

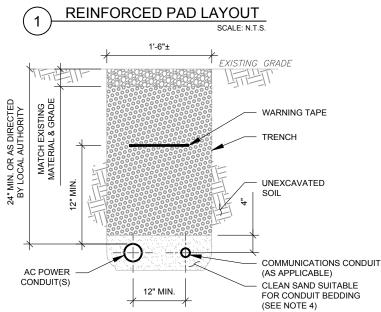
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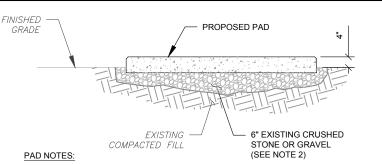
- PAD NOTES:
- PADS SHALL BE PRE-CAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION. PADS SHALL HAVE A MIN 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI MIN.
- REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET G-002 & ATC SPEC 033000 FOR CAST-IN-PLACE PADS.
- STUB UP AREA SHALL BE FILLED WITH QUIKRETE. OR APPROVED EQUAL. PRIOR TO FINAL SET OF GENERATOR ON PAD. AFTER FINAL SET OF GENERATOR ON PAD, GROUT ALL EXTERIOR OPENINGS AT PAD INTERFACE SO THAT FINISHED
- MAXIMUM OPENING SHALL BE 1/4 INCH.
- 6. GROUT SHALL BE PER ATC MASTER SPECIFICATION DIVISION 03, CONCRETE.



TRENCH NOTES:

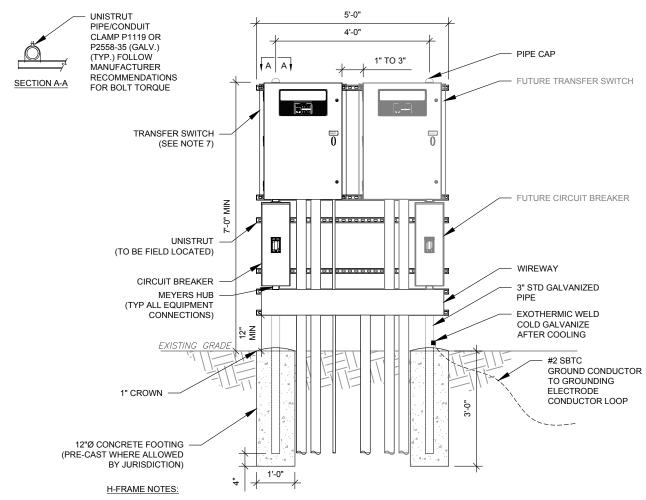
- IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL.
- COMPACT IN 8" LIFTS USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING. SEE ATC MASTER SPEC 312000 SECTION 3.15.
- IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.
- CONFIRM SPACING AND DEPTH WITH NEC OR LOCAL CODE REQUIREMENTS





- SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETRIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
- MECHANICALLY COMPACT FOOTPRINT OF PAD PLUS 2' PERIMETER USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. SEE ATC MASTER SPEC 312000 ACCESS ROAD AND FARTH WORK
- 3. USE GALVANIZED HILTI EXPANSION ANCHORS OR, APPROVED EQUAL, FOR
- FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.

GRAVEL PREPARATION SCALE: N.T.S.



- IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST SHALL BE REQUIRED.
- PROPOSED UNISTRUTS TO BE FIELD CUT AND SHALL NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER
- PROTECTIVE CAPS FOR SAFETY.
- UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
- ALL PROPOSED HARDWARE TO BE MOUNTED AND GROUNDED PER MANUFACTURERS SPECS
- ALL ITEMS ARE PROPOSED UNLESS OTHERWISE NOTED.
- LAYOUT H-FRAME & PROPOSED EQUIPMENT EXACTLY AS SHOWN TO ALLOW FOR FUTURE EQUIPMENT. ANY
- DEVIATIONS MUST BE APPROVED BY ATC CM, IN WRITING, NO EXCEPTIONS.
- FOOTINGS SHALL BE ONE OF THE FOLLOWING: USS POLECRETE STABILIZER SYSTEM, PRECAST CONCRETE (WHERE ALLOWED BY JURISDICTION) OR CAST IN PLACE. FOR PRECAST FOOTINGS, CONTRACTORS SHALL THOROUGHLY COMPACT THE PERIMETER (2' MIN) OF FOOTING WITH MECHANICAL PLATE TAMPER.





A.T. ENGINEERING SERVICE, PLLC 3500 REGENCY PARKWAY

SUITE 100 **CARY, NC 27518** PHONE: (919) 468-0112 COA: P-1177

THESE DRAWINGS AND/OR THE ACCOMPANYING THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROPIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER THE APCHIFECT NOR THE ENGINEEP WILL AMERICAN TOWER WHE HER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTORS) MUST VERIEY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOF ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
\triangle_{-}	FOR CONSTRUCTION	TC_	09/19/18
\triangle_{-}	ADDRESS CHANGE	<u>MG</u> _	12/04/18
\wedge			
$\overline{\wedge}$			
$\overline{\wedge}$			

ATC SITE NUMBER:

383598

ATC SITE NAME:

TARTAGLIA

SITE ADDRESS: 1000 TRUMBULL AVE BRIDGEPORT, CT 06606

T··Mobile

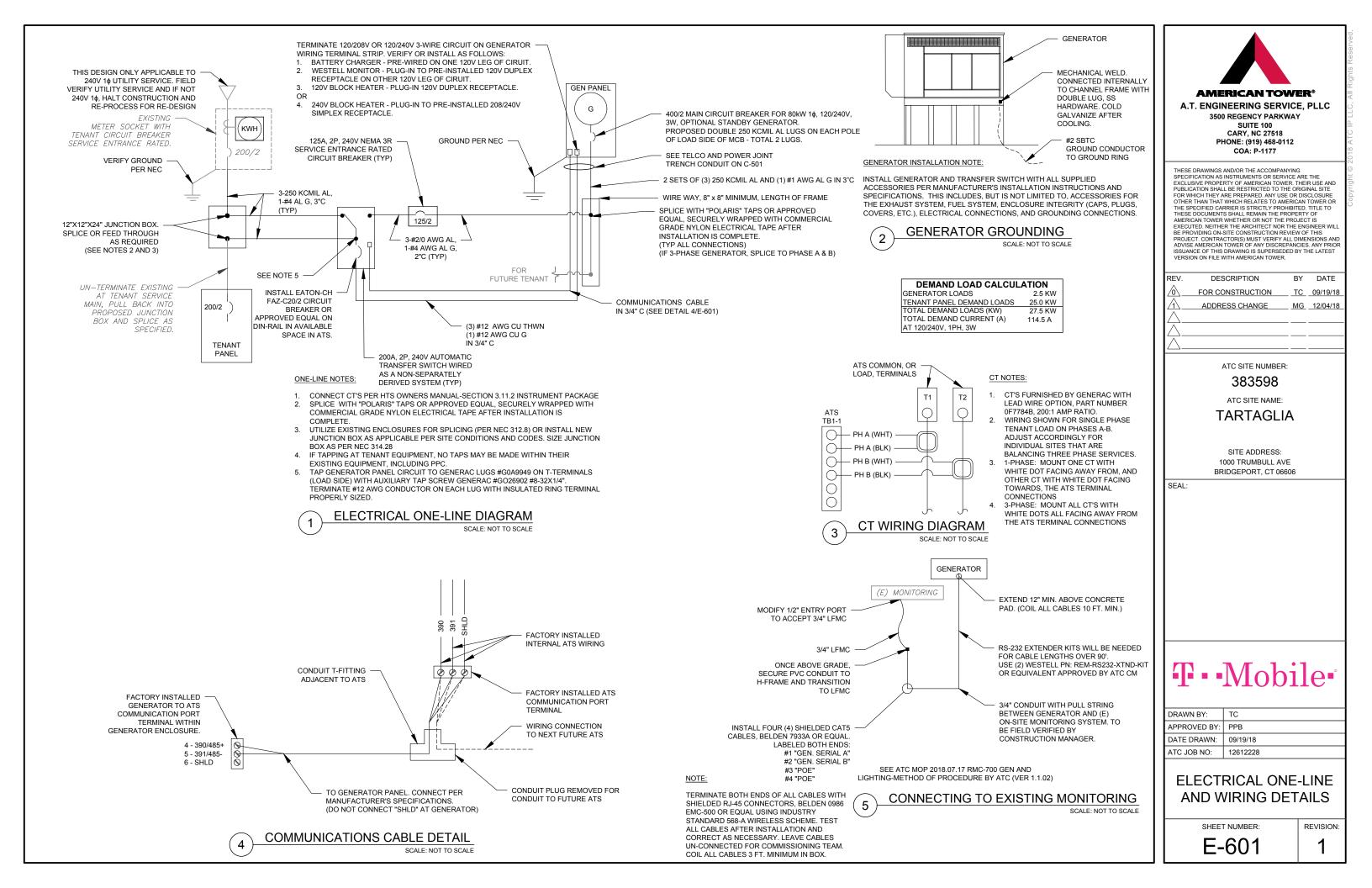
DRAWN BY: TC APPROVED BY: PPB DATE DRAWN: 09/19/18 ATC JOB NO: 12612228

> **CONCRETE PAD DETAILS**

SHEET NUMBER:

C-501

REVISION



TrackingUpdates@fedex.com From: Sent: Friday, January 4, 2019 9:58 AM

To: Kailey Blanchette

Subject: FedEx Shipment 774106521964 Delivered

Your package has been delivered

Tracking # 774106521964

Ship date:

Thu, 1/3/2019

David Hoogasian

NB+C

CHELMSFORD, MA 01824



Delivery date:

Fri, 1/4/2019 9:53 am

Global Tower Assets 10 Presidential Way WOBURN, MA 01801

US



Our records indicate that the following package has been delivered.

Tracking number:	774106521964
Status:	Delivered: 01/04/2019 09:53 AM Signed for By: O.ANCRI
Reference:	100510
Signed for by:	O.ANCRI
Delivery location:	WOBURN, MA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Adult Signature Required
	Deliver Weekday
Standard transit:	1/4/2019 by 3:00 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 8:57 AM CST on 01/04/2019.

All weights are estimated.

From: TrackingUpdates@fedex.com
Sent: Friday, January 4, 2019 10:29 AM

To: Kailey Blanchette

Subject: FedEx Shipment 774106465880 Delivered

Your package has been delivered

Tracking # 774106465880

Ship date:

Thu, 1/3/2019

David Hoogasian

NB+C

CHELMSFORD, MA 01824

US



Delivery date:

Fri, 1/4/2019 10:21 am

Dennis Buckley, Zoning

Admin

45 Lyon Terrace

BRIDGEPORT, CT 06604

US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number: <u>774106465880</u>

Status: Delivered: 01/04/2019 10:21

AM Signed for By: P.LORENZO

Reference: 100510

Signed for by: P.LORENZO

Delivery location: BRIDGEPORT, CT

Delivered to: Mailroom

Service type: FedEx Standard Overnight®

Packaging type: FedEx® Envelope

Number of pieces: 1

Weight: 0.50 lb.

Special handling/Services: Adult Signature Required

Deliver Weekday

Standard transit: 1/4/2019 by 3:00 pm



From: TrackingUpdates@fedex.com
Sent: Friday, January 4, 2019 10:29 AM

To: Kailey Blanchette

Subject: FedEx Shipment 774106396670 Delivered

Your package has been delivered

Tracking # 774106396670

Ship date:

Thu, 1/3/2019

David Hoogasian

NB+C

CHELMSFORD, MA 01824

US



Delivery date:

Fri, 1/4/2019 10:21 am

Mayor Joseph Ganim 45 Lyon Terrace BRIDGEPORT, CT 06604

US



Our records indicate that the following package has been delivered.

Tracking number:	774106396670
Status:	Delivered: 01/04/2019 10:21 AM Signed for By: P.LORENZO
Reference:	100510
Signed for by:	P.LORENZO
Delivery location:	BRIDGEPORT, CT
Delivered to:	Mailroom
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Adult Signature Required
	Deliver Weekday
Standard transit:	1/4/2019 by 3:00 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 9:28 AM CST on 01/04/2019.



From: TrackingUpdates@fedex.com

Sent: Friday, January 4, 2019 11:28 AM

To: Kailey Blanchette

Subject: FedEx Shipment 774105692908 Delivered

Your package has been delivered

Tracking # 774105692908

Ship date:

Thu, 1/3/2019

David Hoogasian

NB+C

CHELMSFORD, MA 01824

US



Delivery date:

Fri, 1/4/2019 11:16 am

American Tower Corporation
American Tower Corporation
10 Presidential Way
WOBURN, MA 01801

US



Our records indicate that the following package has been delivered.

Tracking number:	774105692908
Status:	Delivered: 01/04/2019 11:16 AM Signed for By: D.ANACI
Reference:	100510
Signed for by:	D.ANACI
Delivery location:	WOBURN, MA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Adult Signature Required
	Deliver Weekday
Standard transit:	1/4/2019 by 3:00 pm

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 10:28 AM CST on 01/04/2019.