



Filed by:

G. Scott Shepherd, Sr. Property Specialist - SBA Communications  
134 Flanders Rd., Suite 125, Westborough, MA 01581  
508.251.0720 x 3807 - GShepherd@sbsite.com

October 28, 2021

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

**RE: Notice of Exempt Modification**  
**160 Wampus Lane, Milford, CT 06460**  
**Latitude: 41.225142**  
**Longitude: -73.042377**  
**T-Mobile Site #: CTNH003A\_Hardening**

Dear Ms. Bachman:

T-Mobile currently maintains nine (9) antennas at the 105-foot level of the existing 120-foot Monopole Tower at **160 Wampus Lane, Milford, CT**. The 120-foot tower is owned by SBA 2012 TC Assets, LLC. The property is owned by Cutting Edge Technologies, LLC. T-Mobile now intends to add one (1) Generac RD025 Diesel generator to a proposed 4' x 10' concrete pad, within an existing fenced in lease area with 12' wide double swing gate. The generator and concrete pad will sit fully within the leased area of the compound within 15' x 15' Lease area, which will be expanded by 25 sq. ft. to accommodate the installation of the generator.

## **Ground**

### Install New:

- (1) Generac RD0 25kw Diesel generator
- 4' x 10' concrete pad
- (1) 2" RGS conduit for emergency power from prop. ATS to exist. PPC
- (1) 1-1/2" RGS conduit for generator heater & battery charger
- (1) 2" RGS conduit for emergency power from prop. generator to prop. ATS
- (1) 2" RGS conduit for Ethernet cable for generator controls & Alarms
- Generac 200A, 120/240v, Automatic Transfer switch mounted to existing H-Frame
- 25 sq. ft. expansion of existing 15' x 15' lease area



#### Remaining:

- 12' x 13' concrete pad
- 15' x 15' lease area (expanded by 25 sq. ft.)
- Ericsson RBS 6131 equip. cabinet
- Existing Battery B160 cabinet
- Existing PPC
- Existing enclosure 6160 cabinet
- Existing Ice-bridge
- Cables routed along exist. Ice bridge
- GPS antenna

#### Reason for Request / Change in Generator Size and Fuel

In an effort to further enhance network reliability, T-Mobile is proposing to install a diesel-based backup generator, the Generac RD025 25kw Diesel Generator. T-Mobile is currently in the middle of a National Hardening Project.

The proposed diesel generator measures 84.2" x 35" x 91.7" (w/fuel tank: 103.4" x 35" x 91.7"). It will sit fully within the leased area of the compound and will not require additional space for the supplementary tank.

Generac's RD025 25kw Diesel Generator carries up to 98 hours of run time with 100% load, 125 hours of run time with a 75% load and 161 hours of run time with a 50% load. It can operate in temperatures of 122 degrees Fahrenheit.

#### Monitoring, Prevention and Containment Measures

It will be filled by a licensed fuel filling company. The Generac's RD025 25kw Diesel Generator is fuel efficient, rodent and corrosion resistant, and has a sound attenuated aluminum enclosure with a Rated Load Sound Output at 23ft. of -65dB. It further supports advanced, remote monitoring for diagnostics and control and is installed with a tank alarm system. The Sound Output from the Generac RD025kw meets/exceeds the allowable noise emissions levels for the Town of Milford, New Haven County, which is as follows:

#### **Maximum Continuous Noise Levels (measured in dBA):**

1. No person shall cause or allow the emission of excessive noise beyond the boundaries of his/her noise zone as measured at any point on a receptor's tract or parcel of land, so as to exceed the levels stated herein:

#### **Commercial:**

- **Industrial...62 dBA**
- **Commercial...62 dBA**
- **Residential/Day...55 dBA**
- **Residential/Night...45 dBA**

**Residential:**

- Industrial...62 dBA
- Commercial...55 dBA
- Residential/Day...55 dBA
- Residential/Night...45 dBA

**Industrial:**

- Industrial...70 dBA
- Commercial...66 dBA
- Residential/Day...61 dBA
- Residential/Night...51 dBA

The proposed modification will remain within the existing, fenced-in compound. The new generator and tank will be surrounded by the existing security fence and gate.

**Additional safety specifications:**

- Automatic Voltage Regulation with Over and Under Protection
- Overspeed Shutdown
- High Temperature Shutdown
- Meets ANSI/IEEE C62.41, SA CSA 22.2, SAE J1349, NFPA 37, 70 99

**Revised Construction Drawings and Full Spec Sheets referencing the above are attached herewith.**

The revised ground configuration continues to meet all requirements for a Notice of Exempt Modifications. The request remains technically, legally, environmentally, and economically feasible and meets public safety concerns per Connecticut General Statute Section 16-50aa.

There is no environmental impact associated with the revised ground configuration, including, but not limited to, visibility, wetlands and water resources, air quality or noise.

**T-Mobile's revised ground configuration:**

- Will not have any significant adverse visual impact on the surrounding areas
- Does not affect or alter the existing site with regard to wetlands, water resources or air quality
- The generator would only be used in cases of emergency and would provide backup time of approximately 60 hours in time of need.



The proposed work is not thought to have any substantial adverse environmental impact. Public Need for the additional coverage outweighs any minor environmental effects that would result from the construction, operation, and maintenance of the proposed collocation.

**A Map of the Site Showing Nearest Wetlands, depicted in feet, is attached herewith.**

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 the Town of Milford's Mayor, Benjamin G. Blake, and Director, Permitting & Land Use, Joseph D. Griffith, as well as to the property owner. (Separate notice is not being sent to tower owner, as it belongs to SBA.)

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 modification 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 modification 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 telecommunication facility constitute an exempt modifications under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

G. Scott Shepherd  
Sr. Property Specialist  
SBA COMMUNICATIONS CORPORATION  
134 Flanders Rd., Suite 125  
Westborough, MA 01581  
508.251.0720 x3807 + T  
508.868.6000 + C  
[GShepherd@sbsite.com](mailto:GShepherd@sbsite.com)

Attachments



cc: Benjamin G. Blake, Mayor / with attachments  
*City of Milford, 70 West River St., Milford, CT 06460*  
Joseph D. Griffith, Director, Permitting & Land Use / with attachments  
*City of Milford, 70 West River St., Milford, CT 06460*  
Cutting Edge Technologies, LLC / with attachments  
*160 Wampus Ln., Milford, CT 06460*

Exhibit List

Exhibit 1	Check Copy	x
Exhibit 2	FedEx Labels	x
Exhibit 3	Property Card	x
Exhibit 4	Property Map	x
Exhibit 5	Zoning Documents	x
Exhibit 6	Construction Drawings	Chappell 10/14/21
Exhibit 7	Generator Specifications	x
Exhibit 8	Wetlands Map	x

# EXHIBIT 1

Copy of Check for filing fee.

# EXHIBIT 2

## FedEx Labels

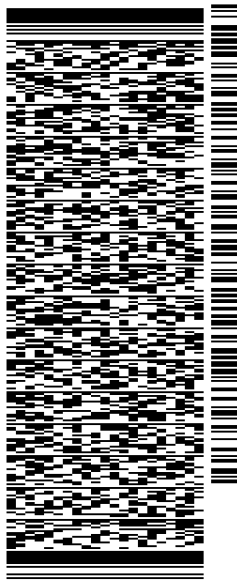
ORIGIN ID:BFBA (508) 614-0389  
RICK WOODS  
SBA COMMUNICATIONS CORPORATION  
134 FLANDERS RD  
SUITE 125  
WESTBOROUGH, MA 01581  
UNITED STATES US

SHIP DATE: 28OCT21  
ACTWGT: 2.00 LB  
CAD: 105843304/NET4400  
BILL SENDER

TO **MELANIE A. BACHMAN EXEC. DIR**  
**CONNECTICUT SITING COUNCIL**  
**TEN FRANKLIN SQUARE**

**NEW BRITAIN CT 06051**

(508) 251-0720 X.3807 REF: 105692009-6089  
INV# DEPT:



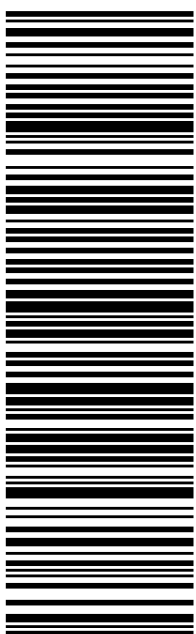
J212221101801uv

56DJ3/14BA/FE4A

TRK# 7750 5792 0426 FRI - 29 OCT 10:30A  
0201 PRIORITY OVERNIGHT

**EB BDLA**

06051  
CT-US BDL



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.





TRACK ANOTHER SHIPMENT

775057920426



[ADD NICKNAME](#)

# Delivered



### DELIVERED

Signature release on file

[GET STATUS UPDATES](#)

[OBTAIN PROOF OF DELIVERY](#)

#### FROM

SBA COMMUNICATIONS CORPORATION  
Rick Woods  
134 Flanders Rd  
Suite 125  
WESTBOROUGH, MA US 01581  
508-614-0389

#### TO

Melanie A. Bachman Exec. Dir  
Connecticut Siting Council  
Ten Franklin Square  
NEW BRITAIN, CT US 06051  
508-251-0720

[MANAGE DELIVERY](#)

[Travel History](#)

[Shipment Facts](#)

## Travel History

#### TIME ZONE


Local Scan Time

Friday, October 29,  
2021



12:01 PM	NEW BRITAIN, CT	Delivered Package delivered to recipient address - release authorized
8:46 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:27 AM	WINDSOR LOCKS, CT	At local FedEx facility
5:32 AM	EAST GRANBY, CT	At destination sort facility
4:45 AM	NEWARK, NJ	Departed FedEx hub

Thursday, October 28,  
2021

11:59 PM	NEWARK, NJ	Arrived at FedEx hub
8:35 PM	FRAMINGHAM, MA	Left FedEx origin facility
6:41 PM	FRAMINGHAM, MA	Picked up
2:24 PM		Shipment information sent to FedEx

Expand History 

## Shipment Facts

<b>TRACKING NUMBER</b> 775057920426	<b>SERVICE</b> FedEx Priority Overnight	<b>WEIGHT</b> 2 lbs / 0.91 kgs
<b>DELIVERY ATTEMPTS</b> 1	<b>TOTAL PIECES</b> 1	<b>TOTAL SHIPMENT WEIGHT</b> 2 lbs / 0.91 kgs
<b>TERMS</b> Shipper	<b>SHIPPER REFERENCE</b> 10-56-92009-6089	<b>PACKAGING</b> FedEx Pak
<b>SPECIAL HANDLING SECTION</b> Deliver Weekday	<b>SHIP DATE</b> 10/28/21 	<b>STANDARD TRANSIT</b> 10/29/21 before 10:30 am 
<b>ACTUAL DELIVERY</b> 10/29/21 at 12:01 pm		

All (30)

Inbound (2)

Outbound (28)

Watch list (0)

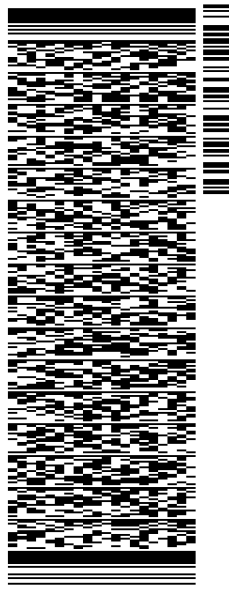
ORIGIN ID:BFBA (508) 614-0389  
RICK WOODS  
SBA COMMUNICATIONS CORPORATION  
134 FLANDERS RD  
SUITE 125  
WESTBOROUGH, MA 01581  
UNITED STATES US

SHIP DATE: 28OCT21  
ACTWGT: 1.00 LB  
CAD: 105843304/NET4400  
BILL SENDER

TO **BENJAMIN G. BLAKE**  
**CITY OF MILFORD**  
**MAYOR**  
**70 WEST ST.**  
**MILFORD CT 06460**

REF: 105692009-6089  
INV: (508) 251-0720 X 3807  
PO: DEPT:

56DJ3/14BA/FE4A



TRK# 7750 5799 7997  
0201  
FRI - 29 OCT 10:30A  
PRIORITY OVERNIGHT

**EB OXCA**  
06460  
CT:US BDL

**After printing this label:**

- 1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
- 2. Fold the printed page along the horizontal line.
- 3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



TRACK ANOTHER SHIPMENT

775057997997



[ADD NICKNAME](#)

# Delivered



**DELIVERED**

Signed for by: J.MURPHY



[GET STATUS UPDATES](#)

[OBTAIN PROOF OF DELIVERY](#)

**FROM**

SBA COMMUNICATIONS CORPORATION

Rick Woods

134 Flanders Rd

Suite 125

WESTBOROUGH, MA US 01581

508-614-0389

**TO**

Benjamin G. Blake

City of Milford

Mayor

70 West St.

MILFORD, CT US 06460

508-251-0720

[MANAGE DELIVERY](#)

[Travel History](#)

[Shipment Facts](#)

## Travel History

**TIME ZONE**


Local Scan Time

Friday, October 29, 2021



11:42 AM	MILFORD, CT	Delivered
9:50 AM	STRATFORD, CT	At local FedEx facility
9:50 AM	STRATFORD, CT	On FedEx vehicle for delivery
8:27 AM	STRATFORD, CT	At local FedEx facility
3:49 AM	NEWARK, NJ	Departed FedEx hub

Thursday, October 28,  
2021

11:59 PM	NEWARK, NJ	Arrived at FedEx hub
8:35 PM	FRAMINGHAM, MA	Left FedEx origin facility
6:41 PM	FRAMINGHAM, MA	Picked up
2:28 PM		Shipment information sent to FedEx

Expand History 

## Shipment Facts

<b>TRACKING NUMBER</b> 775057997997	<b>SERVICE</b> FedEx Priority Overnight	<b>WEIGHT</b> 1 lbs / 0.45 kgs
<b>DELIVERY ATTEMPTS</b> 1	<b>DELIVERED TO</b> Receptionist/Front Desk	<b>TOTAL PIECES</b> 1
<b>TOTAL SHIPMENT WEIGHT</b> 1 lbs / 0.45 kgs	<b>TERMS</b> Shipper	<b>SHIPPER REFERENCE</b> 10-56-92009-6089
<b>PACKAGING</b> FedEx Envelope	<b>SPECIAL HANDLING SECTION</b> Deliver Weekday	<b>SHIP DATE</b> 10/28/21 
<b>STANDARD TRANSIT</b> 10/29/21 before 10:30 am 	<b>ACTUAL DELIVERY</b> 10/29/21 at 11:42 am	

All (30)

Inbound (2)

Outbound (28)

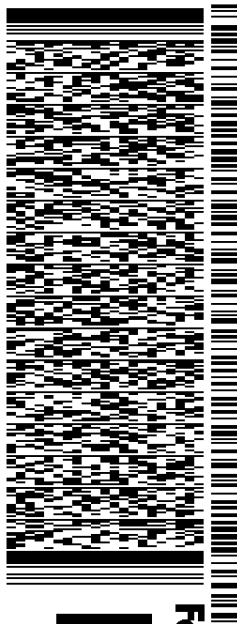
Watch list (0)

ORIGIN ID:BFBA (508) 614-0389  
RICK WOODS  
SBA COMMUNICATIONS CORPORATION  
134 FLANDERS RD  
SUITE 125  
WESTBOROUGH, MA 01581  
UNITED STATES US

SHIP DATE: 28OCT21  
ACTWGT: 1.00 LB  
CAD: 105843304/NET4400  
BILL SENDER

TO **JOSEPH D. GRIFFITH**  
**CITY OF MILFORD**  
**DIR. PERMITTING & LAND USE**  
**70 WEST ST.**  
**MILFORD CT 06460**  
(508) 251-0720 X.3807 REF: 105692009-6089  
INV# DEPT:  
PO:

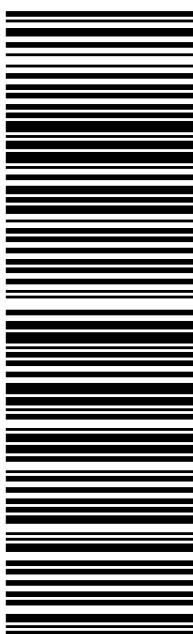
56DJ3/14BA/FE4A



TRK# 7750 5802 5246  
0201  
FRI - 29 OCT 10:30A  
PRIORITY OVERNIGHT

**EB OXCA**

06460  
CT-US BDL



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



TRACK ANOTHER SHIPMENT

775058025246



[ADD NICKNAME](#)

# Delivered



### DELIVERED

Signed for by: J.GRIFFITH



[GET STATUS UPDATES](#)

[OBTAIN PROOF OF DELIVERY](#)

#### FROM

SBA COMMUNICATIONS CORPORATION  
 Rick Woods  
 134 Flanders Rd  
 Suite 125  
 WESTBOROUGH, MA US 01581  
 508-614-0389

#### TO

Joseph D. Griffith  
 City of Milford  
 Dir. Permitting & Land Use  
 70 West St.  
 MILFORD, CT US 06460  
 508-251-0720

[MANAGE DELIVERY](#)

[Travel History](#)

[Shipment Facts](#)

## Travel History

**TIME ZONE**  
Local Scan Time




Friday, October 29, 2021



11:29 AM	MILFORD, CT	Delivered
9:54 AM	STRATFORD, CT	On FedEx vehicle for delivery
9:54 AM	STRATFORD, CT	At local FedEx facility
8:59 AM	STRATFORD, CT	At local FedEx facility
3:49 AM	NEWARK, NJ	Departed FedEx hub

Thursday, October 28,  
2021

11:59 PM	NEWARK, NJ	Arrived at FedEx hub
8:35 PM	FRAMINGHAM, MA	Left FedEx origin facility
6:41 PM	FRAMINGHAM, MA	Picked up
2:29 PM		Shipment information sent to FedEx

Expand History 

## Shipment Facts

<b>TRACKING NUMBER</b> 775058025246	<b>SERVICE</b> FedEx Priority Overnight	<b>WEIGHT</b> 1 lbs / 0.45 kgs
<b>DELIVERY ATTEMPTS</b> 1	<b>DELIVERED TO</b> Receptionist/Front Desk	<b>TOTAL PIECES</b> 1
<b>TOTAL SHIPMENT WEIGHT</b> 1 lbs / 0.45 kgs	<b>TERMS</b> Shipper	<b>SHIPPER REFERENCE</b> 10-56-92009-6089
<b>PACKAGING</b> FedEx Envelope	<b>SPECIAL HANDLING SECTION</b> Deliver Weekday	<b>SHIP DATE</b> 10/28/21 
<b>STANDARD TRANSIT</b> 10/29/21 before 10:30 am 	<b>ACTUAL DELIVERY</b> 10/29/21 at 11:29 am	

All (30)

Inbound (2)

Outbound (28)

Watch list (0)



ORIGIN ID:BFBA (508) 614-0389  
RICK WOODS  
SBA COMMUNICATIONS CORPORATION  
134 FLANDERS RD  
SUITE 125  
WESTBOROUGH, MA 01581  
UNITED STATES US

SHIP DATE: 29OCT21  
ACTWGT: 1.00 LB  
CAD: 105843304/NET4400  
BILL SENDER

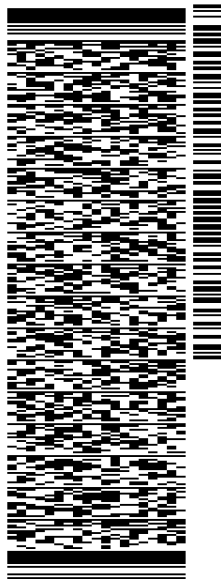
TO

**CUTTING EDGE TECHNOLOGIES, LLC**  
**160 WAMPUS LN**

**MILFORD CT 06460**

(508) 251-0720 X.3807 REF: 1056920096089  
INV# PO: DEPT:

56DJ3/14BA/FE4A

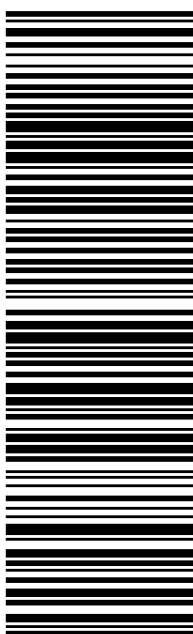


J212221101801uv

TRK# 7750 5804 8247 FRI - 29 OCT 10:30A  
0201 PRIORITY OVERNIGHT

**EB OXCA**

06460  
CT:US BDL



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



TRACK ANOTHER SHIPMENT

775058048247



[ADD NICKNAME](#)

# Delivered



### DELIVERED

Signed for by: M.TREFFERS



[GET STATUS UPDATES](#)

[OBTAIN PROOF OF DELIVERY](#)

#### FROM

SBA COMMUNICATIONS CORPORATION  
Rick Woods  
134 Flanders Rd  
Suite 125  
WESTBOROUGH, MA US 01581  
508-614-0389

#### TO

Cutting Edge Technologies, LLC  
160 Wampus Ln  
MILFORD, CT US 06460  
508-251-0720

[MANAGE DELIVERY](#)

[Travel History](#)

[Shipment Facts](#)

## Travel History

**TIME ZONE**  
Local Scan Time





Friday, October 29,  
2021

Time	Location	Status
11:13 AM	MILFORD, CT	Delivered
10:31 AM	STRATFORD, CT	At local FedEx facility
10:31 AM	STRATFORD, CT	On FedEx vehicle for delivery
10:00 AM	STRATFORD, CT	On FedEx vehicle for delivery
8:27 AM	STRATFORD, CT	At local FedEx facility

3:49 AM	NEWARK, NJ	Departed FedEx hub
Thursday, October 28, 2021		
11:59 PM	NEWARK, NJ	Arrived at FedEx hub
8:35 PM	FRAMINGHAM, MA	Left FedEx origin facility
6:41 PM	FRAMINGHAM, MA	Picked up
2:30 PM		Shipment information sent to FedEx

Expand History 

## Shipment Facts

<b>TRACKING NUMBER</b> 775058048247	<b>SERVICE</b> FedEx Priority Overnight	<b>WEIGHT</b> 1 lbs / 0.45 kgs
<b>DELIVERY ATTEMPTS</b> 1	<b>DELIVERED TO</b> Shipping/Receiving	<b>TOTAL PIECES</b> 1
<b>TOTAL SHIPMENT WEIGHT</b> 1 lbs / 0.45 kgs	<b>TERMS</b> Shipper	<b>SHIPPER REFERENCE</b> 10-56-92009-6089
<b>PACKAGING</b> FedEx Envelope	<b>SPECIAL HANDLING SECTION</b> Deliver Weekday	<b>SHIP DATE</b> 10/28/21 
<b>STANDARD TRANSIT</b> 10/29/21 before 10:30 am 	<b>ACTUAL DELIVERY</b> 10/29/21 at 11:13 am	

All (30)

Inbound (2)

Outbound (28)

Watch list (0)

## EXHIBIT 3

# Property Card



Property Information

Property Location	160 WAMPUS LN #CELL
Owner	CUTTING EDGE TECHNOLOGIES LLC
Co-Owner	na
Mailing Address	8051 CONGRESS AVE BOCA RATON FL 33487-1307
Land Use	4340 CELL TOWER MDL-96
Land Class	I
Zoning Code	
Census Tract	

Neighborhood	F
Acreage	0
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Book / Page	02253/0055
Fire District	4

Photo



Sketch



Primary Construction Details

Year Built	2003
Building Desc.	CELL TOWER
Building Style	Commercial
Building Grade	GOOD
Stories	1
Occupancy	1.00
Exterior Walls	Brick/Stn Vene
Exterior Walls 2	NA
Roof Style	Flat
Roof Cover	Rolled Compos
Interior Walls	Minim/Masonry
Interior Walls 2	NA
Interior Floors 1	Concr-Finished
Interior Floors 2	NA

Heating Fuel	Electric
Heating Type	Hot Air-no Duc
AC Type	Central
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	
Fin Bsmt Quality	
Bsmt Gar	
Fireplaces	

(\*Industrial / Commercial Details)

Building Use	Industrial
Building Condition	3
Sprinkler %	NA
Heat / AC	HEAT/AC SPLIT
Frame Type	STEEL
Baths / Plumbing	NONE
Ceiling / Wall	NONE
Rooms / Prtns	LIGHT
Wall Height	10.00
First Floor Use	NA
Foundation	NA



# City of Milford, CT

## Property Listing Report

Map Block Lot

**056 813 1 C**

Bldg #

**1**

Sec #

**1**

PID

**105042**

Account

**023647**

### Valuation Summary (Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	<b>22150</b>	<b>15510</b>
Extras	<b>0</b>	<b>0</b>
Improvements		
Outbuildings	<b>251140</b>	<b>175800</b>
Land	<b>0</b>	<b>0</b>
<b>Total</b>	<b>273290</b>	<b>191310</b>

### Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
<b>First Floor</b>	<b>240</b>	<b>240</b>
<b>Total Area</b>	<b>240</b>	<b>240</b>

### Outbuilding and Extra Features

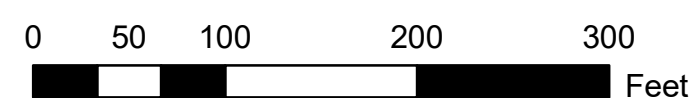
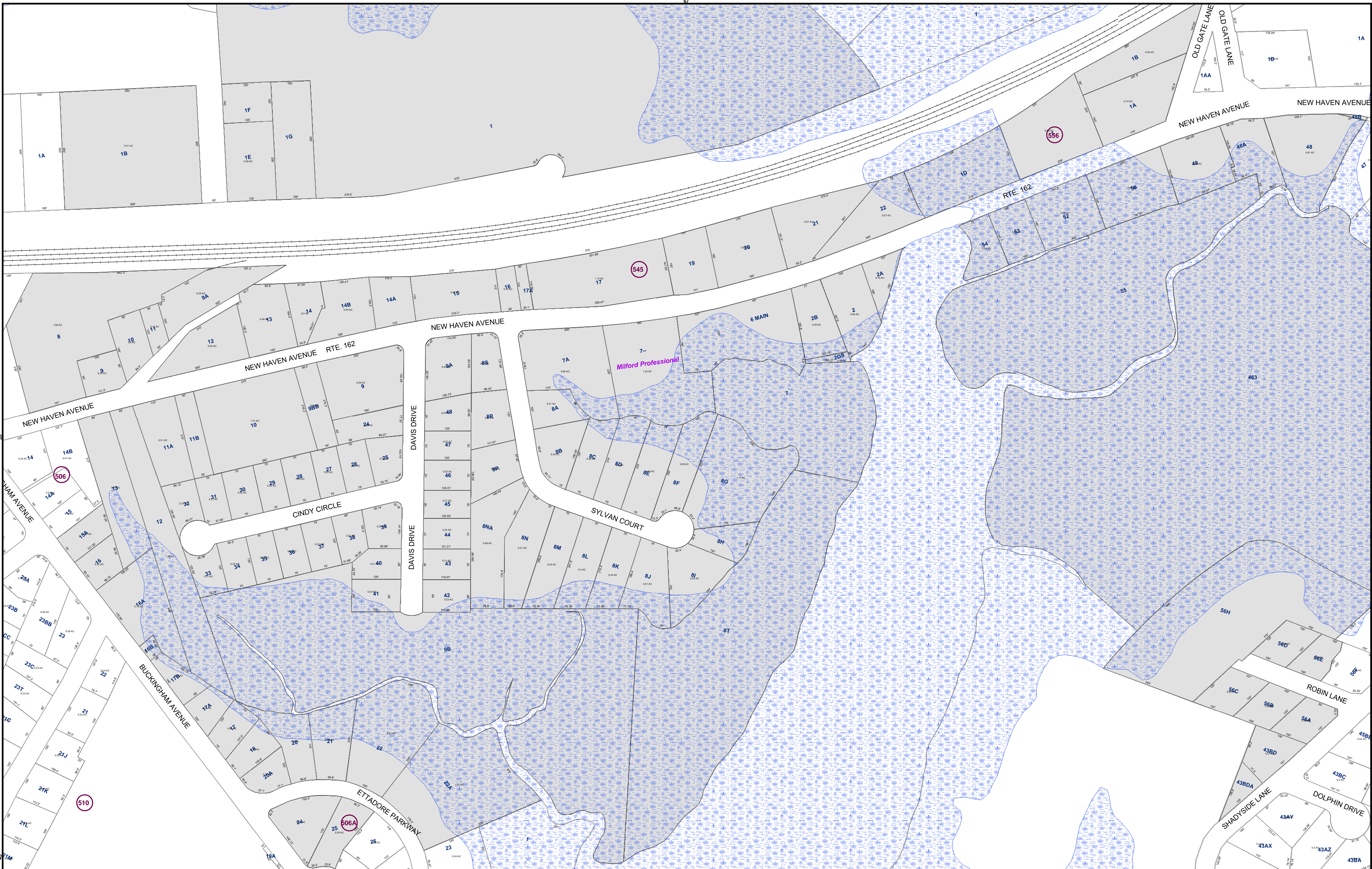
Type	Description
<b>CEL TWR SITE</b>	<b>1 UNITS</b>
<b>FENCE-8' CHAIN</b>	<b>190 L.F.</b>

### Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
<b>CUTTING EDGE TECHNOLOGIES LLC</b>	<b>02253/0055</b>	<b>1997-12-15</b>	<b>0</b>

# EXHIBIT 4

## Property Map





Google Maps 160 Wampus Ln



Imagery ©2021 Maxar Technologies, New York GIS, USDA Farm Service Agency, Map data ©2021 100 ft

# EXHIBIT 5

## Zoning Documents



# City of Milford, Connecticut

Founded 1639

INLAND WETLANDS  
OFFICE

CERTIFIED MAIL #7000 1670 0011 1309 3698

70 West River Street  
Milford, CT 06460-3317  
Telephone (203) 783-3256

May 22, 2001

Mr. John Knuff  
Hurwitz & Sagarin, L.L.C.  
147 North Broad Street  
P.O. Box 112  
Milford, Connecticut 06460

Re: Jurisdictional Ruling IW-JR-01-022; 166 Wampus Lane, Map 56, Block 813, Parcel 1-B; Nextel Communications. Proposed Wireless Telecommunications Facility with no work proposed within a wetland or 50' review area in the Indian River Watershed. Jurisdictional Ruling to be issued.

Dear Mr. Knuff:

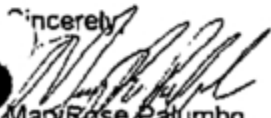
Pursuant to Section 22a-42a of the Connecticut General Statutes and Milford Inland Wetlands Regulations Sections 6-12, this is to inform you that the Milford Inland Wetlands Agency voted to authorize the Designated Agent to issue a Jurisdictional Ruling for your application IW-A-01-022 - 166 Wampus Lane, based on the information in the file, presented at the meeting and the plans entitled "Nextel Communications of the Mid-Atlantic, Inc. DBA Nextel Communications Site Number CT 0638, Milford, 166 Wampus Lane, Milford, CT" by URS Corporation AES, cover & 3 sheets, cover, sheets Z1 & Z2 dated 5/2/01, Boundary & Topographic Survey dated January 2001, last revised 4/12/01". The Agency also moved that the Designated Agent can authorize a reconfigured footprint as discussed at the meeting.

Therefore, I am issuing you this Jurisdictional Ruling allowing the construction of a wireless telecommunications facility and associated structures as shown on the plans referenced above within 50' of wetlands in the Indian River Watershed.

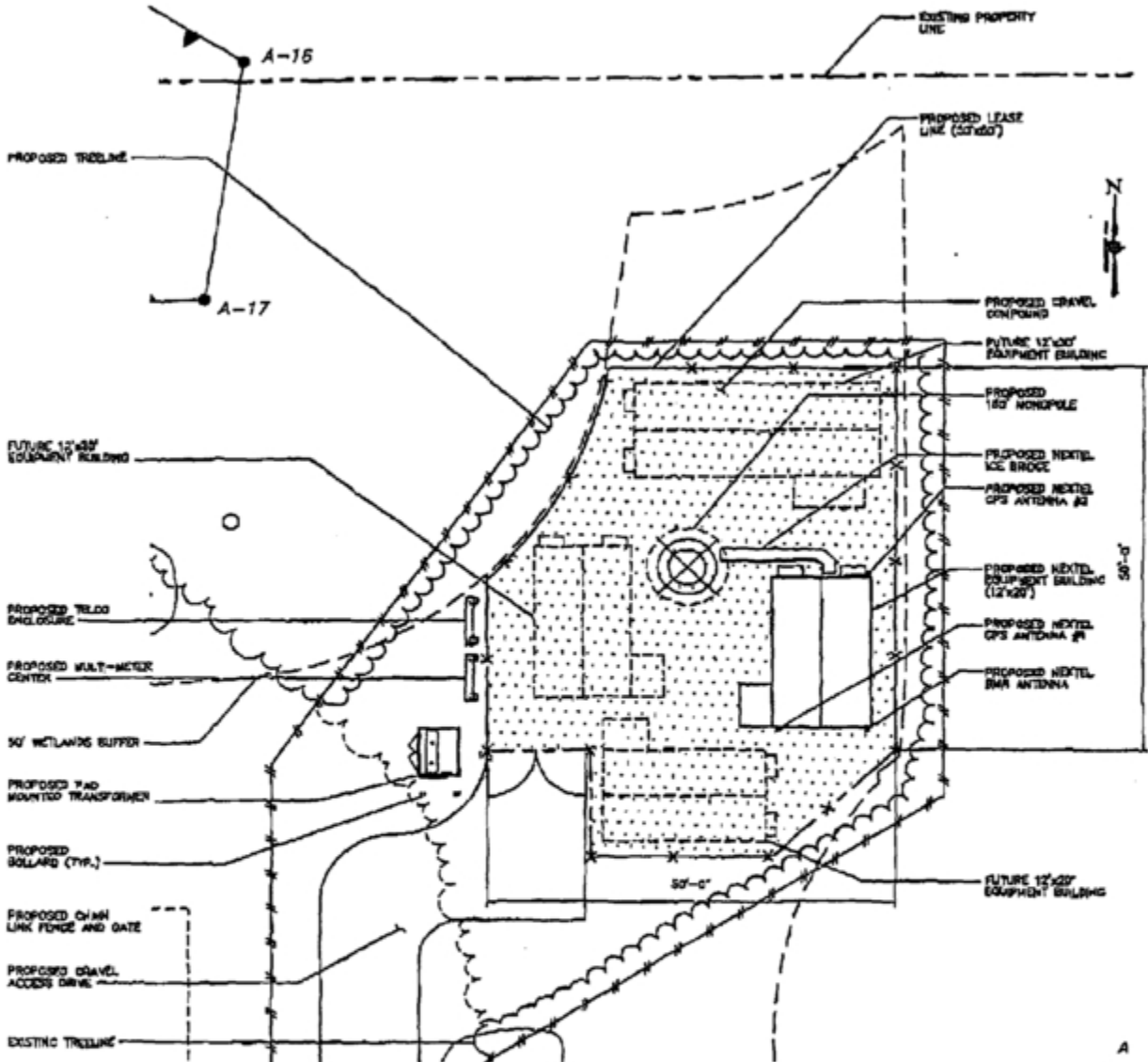
Prior to the start of construction you must install soil erosion and sedimentation controls as required on the plans to prevent erosion into wetlands both on and off site during construction. As soon as the disturbed soils on site are stabilized the soil erosion and sedimentation controls can be removed. At no time during construction can soils be stockpiled or deposited within the wetlands or regulated area on the property.

Should you have any questions concerning this matter, please contact the Inland Wetlands Agency Office at 783-3256.

Sincerely,

  
Mary Rose Palumbo  
Inland Wetlands Compliance Officer

cc: Planning & Zoning  
City Engineer



1 COMPOUND PLAN  
 SK-2 SCALE 1" = 20'-0"



DATE TO JOB  
 CF-0834  
 DESIGNED BY  
 JCF  
 1558 BJK  
 APPROVED BY

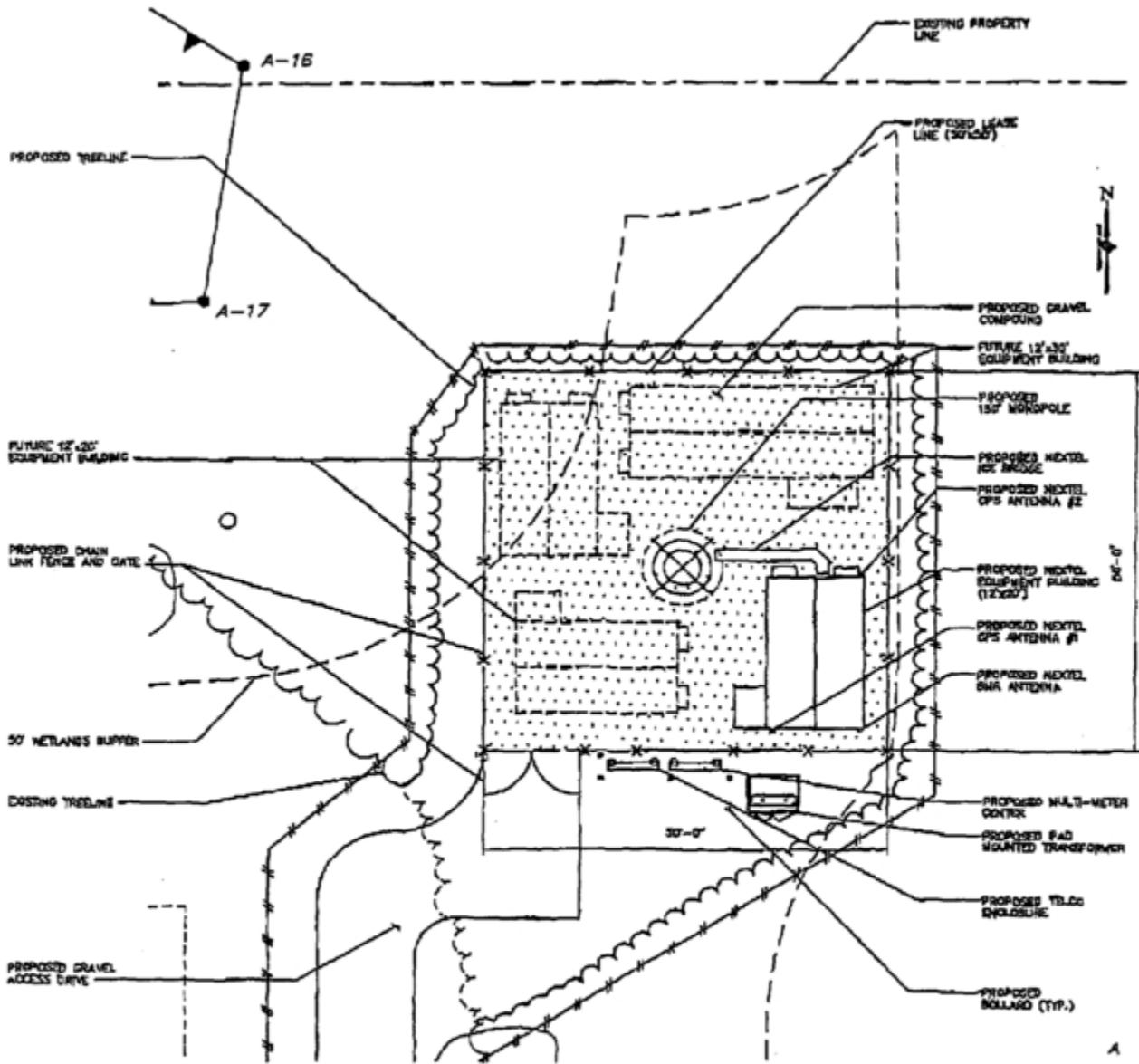
**DAS CORPORATION AES**  
 500 ENTERPRISE DRIVE  
 ROCKY HILL, CONNECTICUT  
 1-860-529-5562

**NEXTEL**  
 MILFORD  
 160 WAMPUS LANE  
 MILFORD, CONNECTICUT

REV.	DATE	DESCRIPTION

DRAWN BY: JCF  
 DATE: 5/22/01  
 JOB NO.: 01721.44  
 FILE NO.: SK-2  
 SHEET NO.: 2 OF 2

Sheet No.  
**SK-2**



1 COMPOUND PLAN  
 SK-1 SCALE 1" = 20'-0"



APP. NO. CT-0638  
 DATE: 5/22/01  
 DRAWN BY: JCS  
 CHECKED BY:  
 APPROVED BY:

**URS CORPORATION AES**  
 500 ENTERPRISE DRIVE  
 ROCKY HILL, CONNECTICUT  
 1-800-429-8512

**NEXTEL**  
 MILFORD  
 160 WAMPUS LANE  
 MILFORD, CONNECTICUT

REV.	DATE	DESCRIPTION

STATUS AS SHOWN Date: 5/22/01  
 JOB NO. F201731.A0 File No. SK-1

APP. No.  
**SK-1**  
 Page 1 of 2

# EXHIBIT 6

## Construction Drawings



By Stephen Roth at 6:40:58 AM, 10/14/2021

# CTNH003/NEXTEK MILFORD

## T-MOBILE NORTHEAST LLC

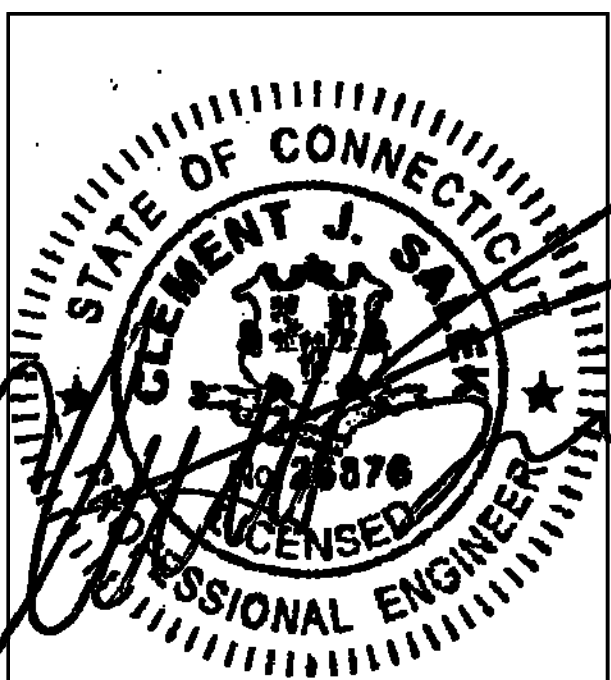
15 COMMERCE WAY, SUITE B  
NORTON, MA 02766  
(508) 286-2700



SBA COMMUNICATIONS CORP.  
134 FLANDERS ROAD, SUITE 125  
WESTBOROUGH, MA 01581  
(508) 251-0720



R.K. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

SITE NUMBER:  
**CTNH003A**  
SITE ADDRESS:  
160 WAMPUS LANE  
MILFORD, CT 06460

SHEET TITLE  
**TITLE SHEET**

SHEET NUMBER  
**T-1**

APPROVALS			
PROJECT MANAGER:	DATE:	ZONING/SITE ACQ.:	DATE:
CONSTRUCTION:	DATE:	OPERATIONS:	DATE:
RF ENGINEERING:	DATE:	TOWER OWNER:	DATE:

160 WAMPUS LANE  
MILFORD, CT 06460  
NEW HAVEN COUNTY

## SITE NO.: CTNH003A

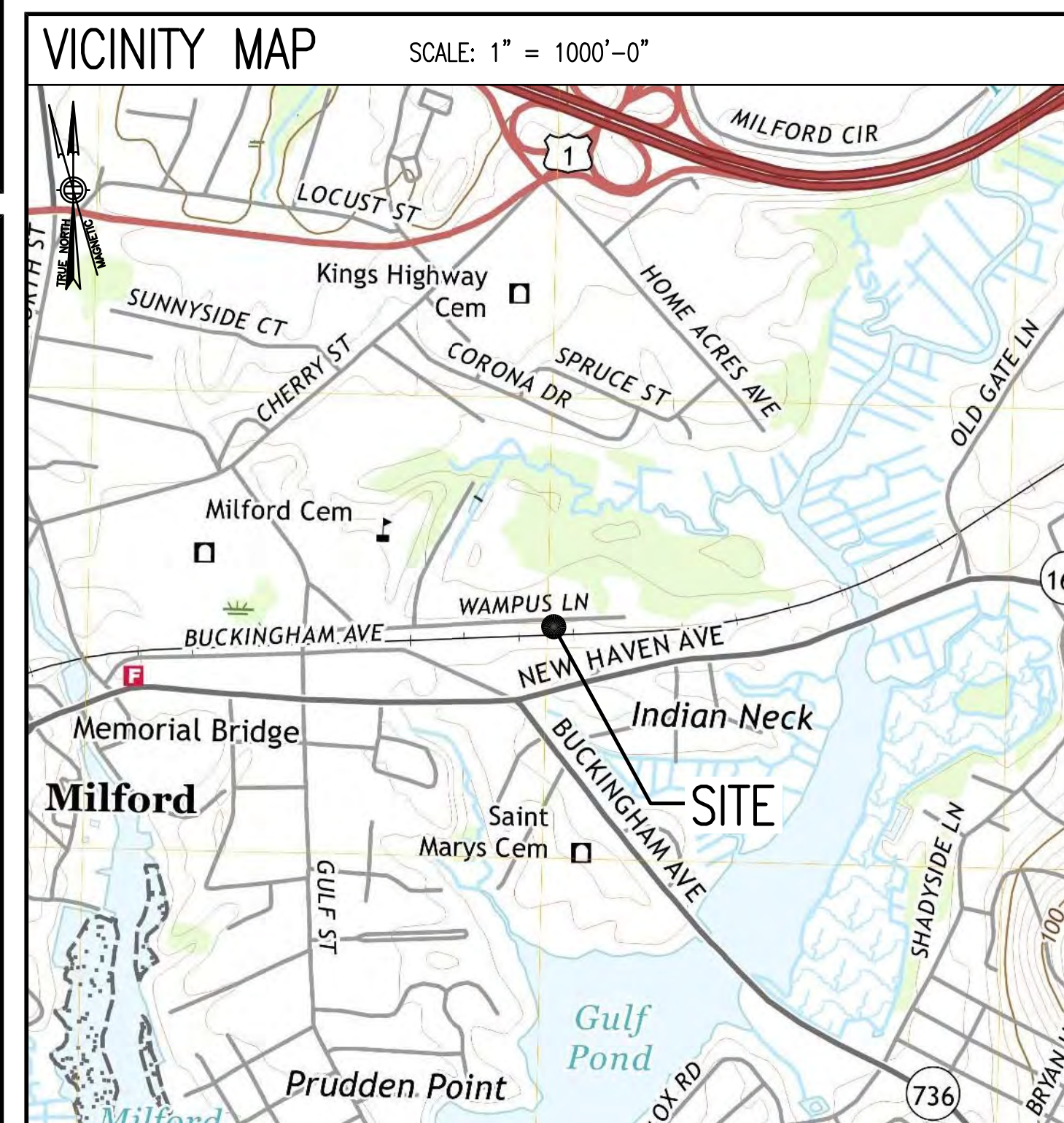
SITE TYPE: 120'± MONOPOLE

PROJECT TYPE: NATIONAL HARDENING PROJECT

T-MOBILE TECHNICIAN SITE SAFETY NOTES	
LOCATION	SPECIAL RESTRICTIONS
SECTOR A:	ACCESS BY CERTIFIED CLIMBER
SECTOR B:	ACCESS BY CERTIFIED CLIMBER
SECTOR C:	ACCESS BY CERTIFIED CLIMBER
SECTOR D:	ACCESS BY CERTIFIED CLIMBER
GPS/LMU:	UNRESTRICTED
RADIO CABINETS:	UNRESTRICTED
PPC DISCONNECT:	UNRESTRICTED
MAIN CIRCUIT D/C:	UNRESTRICTED
NIU/T DEMARC:	UNRESTRICTED
OTHER/SPECIAL:	NONE

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.	11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
2. THE ARCHITECT/ENGINEER HAVE 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.	12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE OMNIPOTENT REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.	13. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.	14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
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 CONTRACT DOCUMENTS.	15. THE CONTRACTOR SHALL NOTIFY THE PROJECT OWNER'S REPRESENTATIVE 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 LESSEE/LICENSEE REPRESENTATIVE.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.	16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
7. 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.	17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.	
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.	
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.	

AT LEAST 72 HOURS PRIOR TO DIGGING, THE CONTRACTOR IS REQUIRED TO CALL DIG SAFE AT 811



### DIRECTIONS

MERGE ONTO I-495 NORTH TOWARD MANSFIELD/MARLBORO. TAKE EXIT 33B FOR I-95 SOUTH TOWARD PROVIDENCE RI. KEEP RIGHT AT THE FORK TO STAY ON I-95 S. TAKE EXIT 39A TO MERGE ONTO US-1 S/BOSTON POST RD. TAKE CHERRY ST TO WAMPUS LN. MERGE ONTO US-1 S/BOSTON POST RD. SLIGHT LEFT TOWARD CHERRY ST. CONTINUE ONTO CHERRY ST. TURN LEFT ONTO GULF ST. SLIGHT ONTO WAMPUS LN. DESTINATION WILL BE ON THE LEFT.

### SHEET INDEX

SHEET NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	0
GN-1	GENERAL NOTES	0
A-1	COMPOUND & EQUIPMENT PLANS	0
A-2	GENERATOR DETAILS	0
A-3	GENERATOR SPECIFICATIONS 1	0
A-4	GENERATOR SPECIFICATIONS 2	0
E-1	ELECTRIC & GROUNDING DETAILS	0

### DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE PROJECT OWNER'S REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

### SCOPE OF WORK

REMOVE:	INSTALL:
• NONE	• 1 GENERATOR
	• 1 AUTOMATIC TRANSFER SWITCH
	• 2 20A-1P BREAKERS

### SITE NOTES

- THIS IS AN UNMANNED AND RESTRICTED ACCESS TELECOMMUNICATION FACILITY, AND IS NOT FOR HUMAN HABITATION. IT WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNAL FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
  - ADA COMPLIANCE NOT REQUIRED.
  - POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
  - NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED.
- CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON 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 PLACE THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
  - NEW CONSTRUCTION WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES.
  - BUILDING CODE: 2018 CONNECTICUT STATE BUILDING CODE
  - ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE
  - STRUCTURAL CODE: TIA/EIA-222-G STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.

### PROJECT SUMMARY

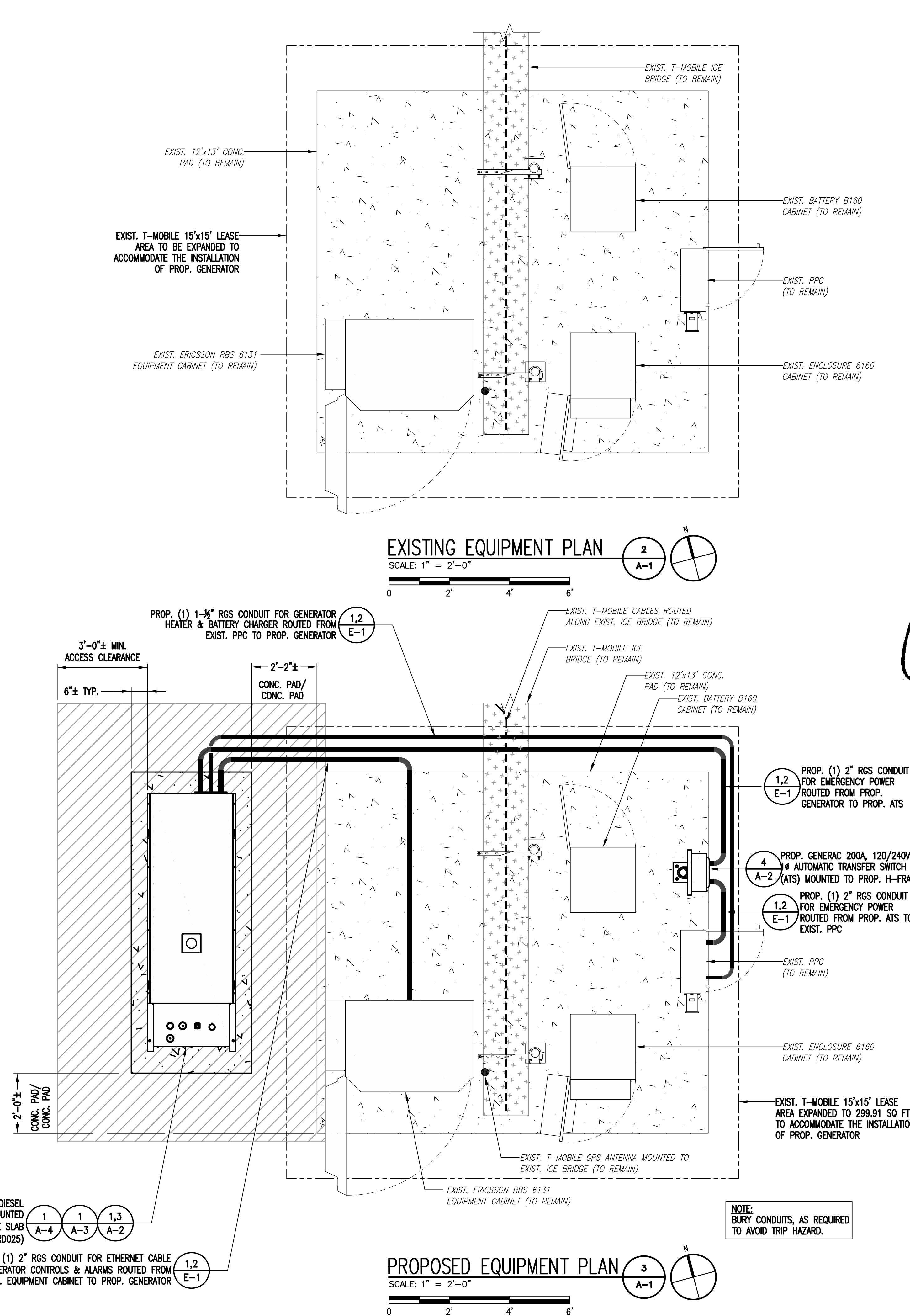
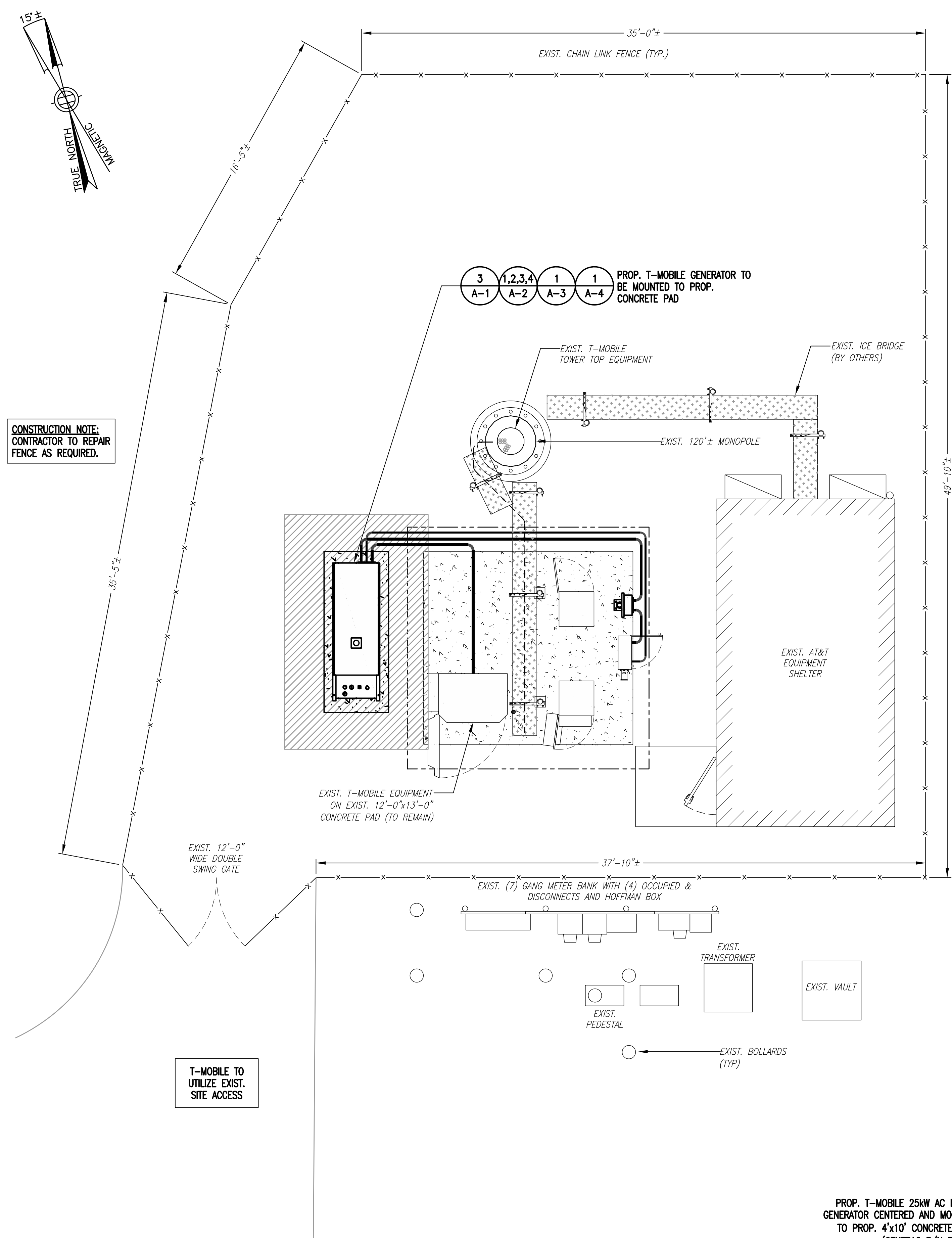
SITE NUMBER:	CTNH003A
SITE NAME:	CTNH003/NEXTEK MILFORD
SBA SITE NUMBER:	CT46128-A
SBA SITE NAME:	MILFORD WEST
SITE ADDRESS:	160 WAMPUS LANE MILFORD, CT 06460
PROPERTY OWNER:	CUTTING EDGE TECHNOLOGIES, LLC 8051 CONGRESS AVENUE BOCA RATON, FL 33487-1307
TOWER OWNER:	SBA PROPERTIES, LLC 8501 CONGRESS AVENUE BOCA RATON, FL 33487 PHONE: 561-226-9523
COUNTY:	NEW HAVEN
ZONING DISTRICT:	ID, INDUSTRIAL DISTRICT
STRUCTURE TYPE:	MONOPOLE
STRUCTURE HEIGHT:	120'±
APPLICANT:	T-MOBILE NORTHEAST LLC 15 COMMERCE WAY, SUITE B NORTON, MA 02766
ARCHITECT:	CHAPPELL ENGINEERING ASSOCIATES, LLC. 201 BOSTON POST ROAD WEST, SUITE 101 MARLBOROUGH, MA 01752
STRUCTURAL ENGINEER:	CHAPPELL ENGINEERING ASSOCIATES, LLC. 201 BOSTON POST ROAD WEST, SUITE 101 MARLBOROUGH, MA 01752
SITE CONTROL POINT:	LATITUDE: 41.225142° N41°13'30.51" LONGITUDE: -73.042377° W73°02'32.56"

**SPECIAL ZONING NOTE:**  
BASED ON INFORMATION PROVIDED BY T-MOBILE REGULATORY COMPLIANCE PROFESSIONALS AND LEGAL COUNSEL, THIS TELECOMMUNICATIONS EQUIPMENT DEPLOYMENT IS CONSIDERED AN ELIGIBLE FACILITY UNDER THE MIDDLE CLASS TAX RELIEF AND JOB CREATION ACT OF 2012, 47 USC 1455(A), SECTION 6409(A), AND IS SUBJECT TO AN ELIGIBLE FACILITY REQUEST, EXPEDITED REVIEW, AND LIMITED/PARTIAL ZONING PRE-EMPTION FOR LOCAL DISCRETIONARY PERMITS (VARIANCE, SPECIAL PERMIT, SITE PLAN REVIEW, OR ADMINISTRATIVE REVIEW).





**SPECIAL CONSTRUCTION WORK NOTE (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 OR AS DIRECTED/REQUIRED BY SBA REGIONAL SITE MANAGER SHALL HAND-EXCAVATE ALL PROPOSED UNDERGROUND UTILITY TRENCHES. GENERAL CONTRACTOR RESPONSIBLE FOR ANY REQUIRED SPECIAL TEMPORARY PROTECTION OF EXISTING UNDERGROUND UTILITIES, PHYSICAL DAMAGE REPAIR, AND SERVICE RESTORATION.



**COMPOUND PLAN**  
 SCALE: 1" = 5'-0"

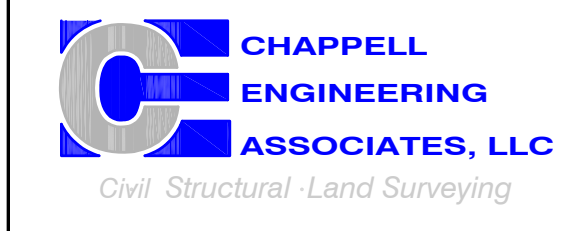
**PROPOSED EQUIPMENT PLAN**  
 SCALE: 1" = 2'-0"

**T-MOBILE  
 NORTHEAST LLC**

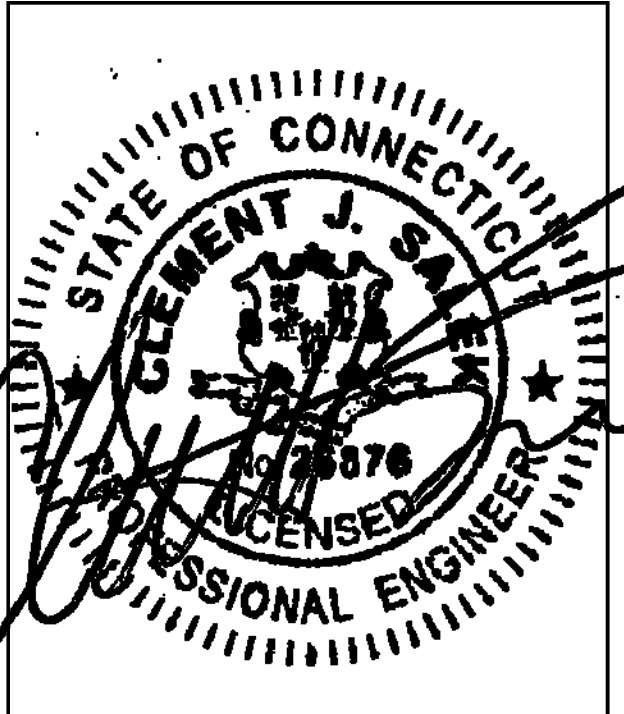
15 COMMERCE WAY, SUITE B  
 NORTON, MA 02766  
 (508) 286-2700



SBA COMMUNICATIONS CORP.  
 134 FLANDERS ROAD, SUITE 125  
 WESTBOROUGH, MA 01581  
 (508) 251-0720



R.K. EXECUTIVE CENTRE  
 201 BOSTON POST ROAD WEST, SUITE 101  
 MARLBOROUGH, MA 01752  
 (508) 481-7400  
 www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

SITE NUMBER:

**CTNH003A**

SITE ADDRESS:  
 160 WAMPUS LANE  
 MILFORD, CT 06460

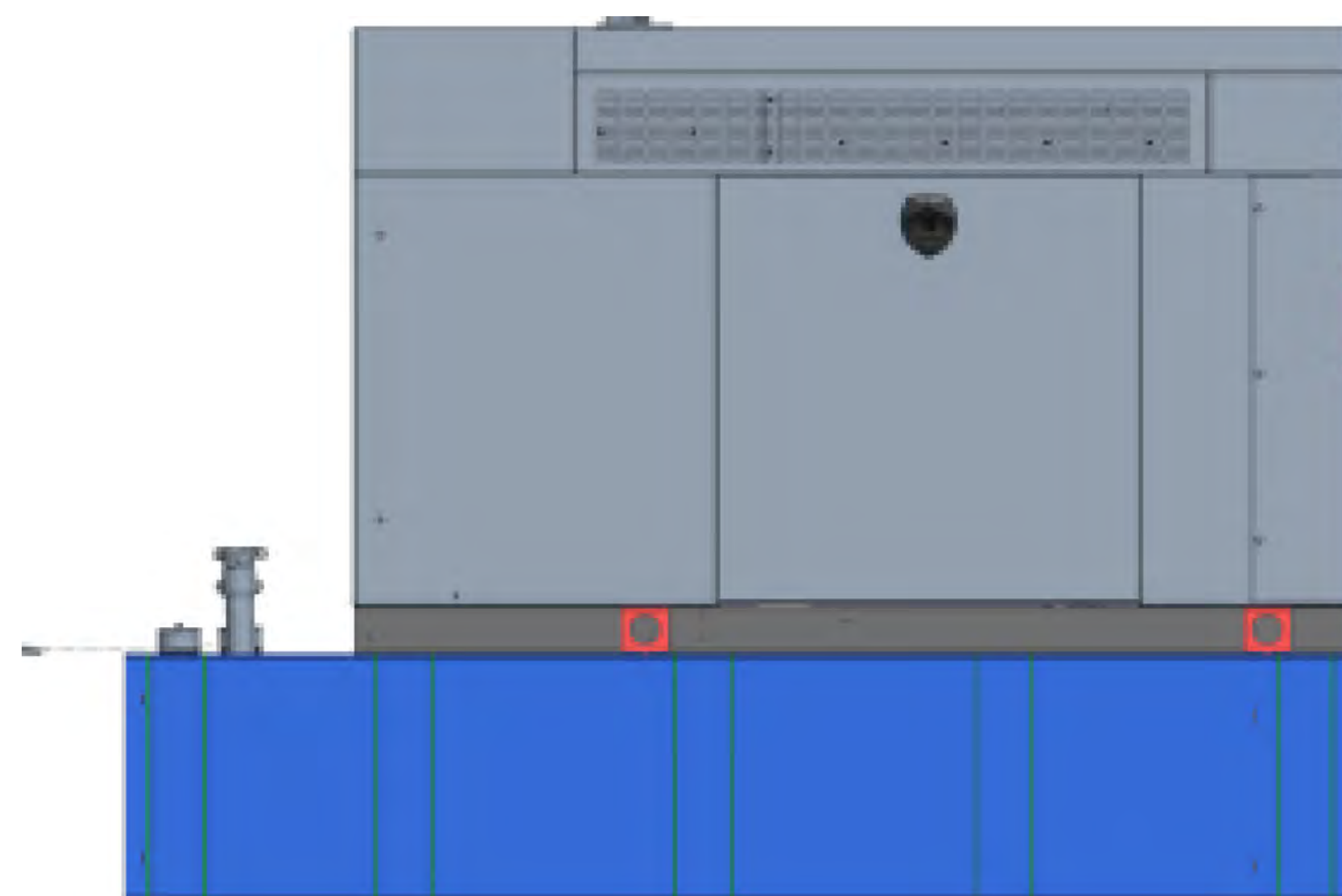
SHEET TITLE

**COMPOUND &  
 EQUIPMENT PLANS**

SHEET NUMBER

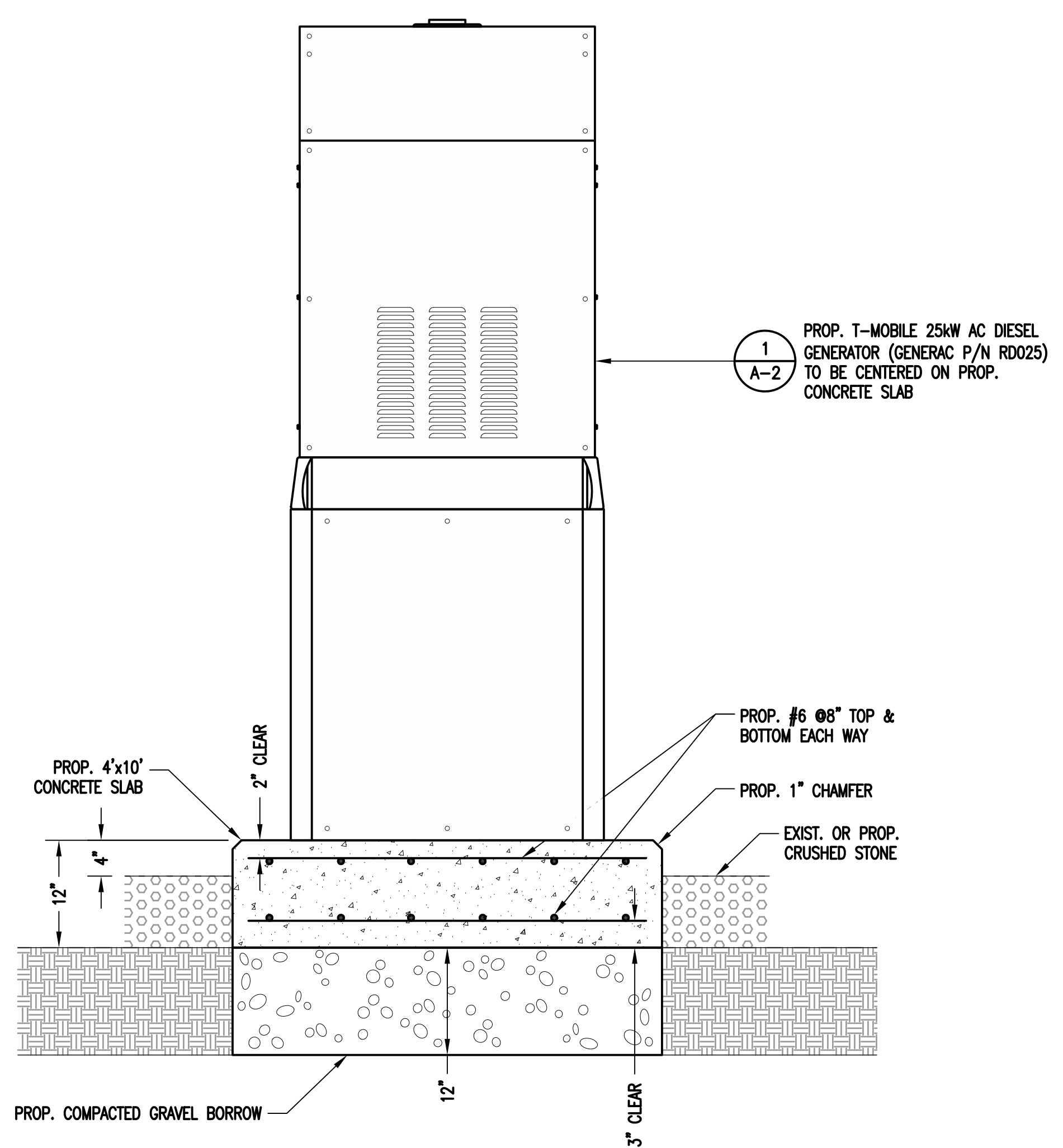
**A-1**

**NOTE:**  
GENERATOR DIESEL TANK TO BE FILLED BY CONTRACTOR

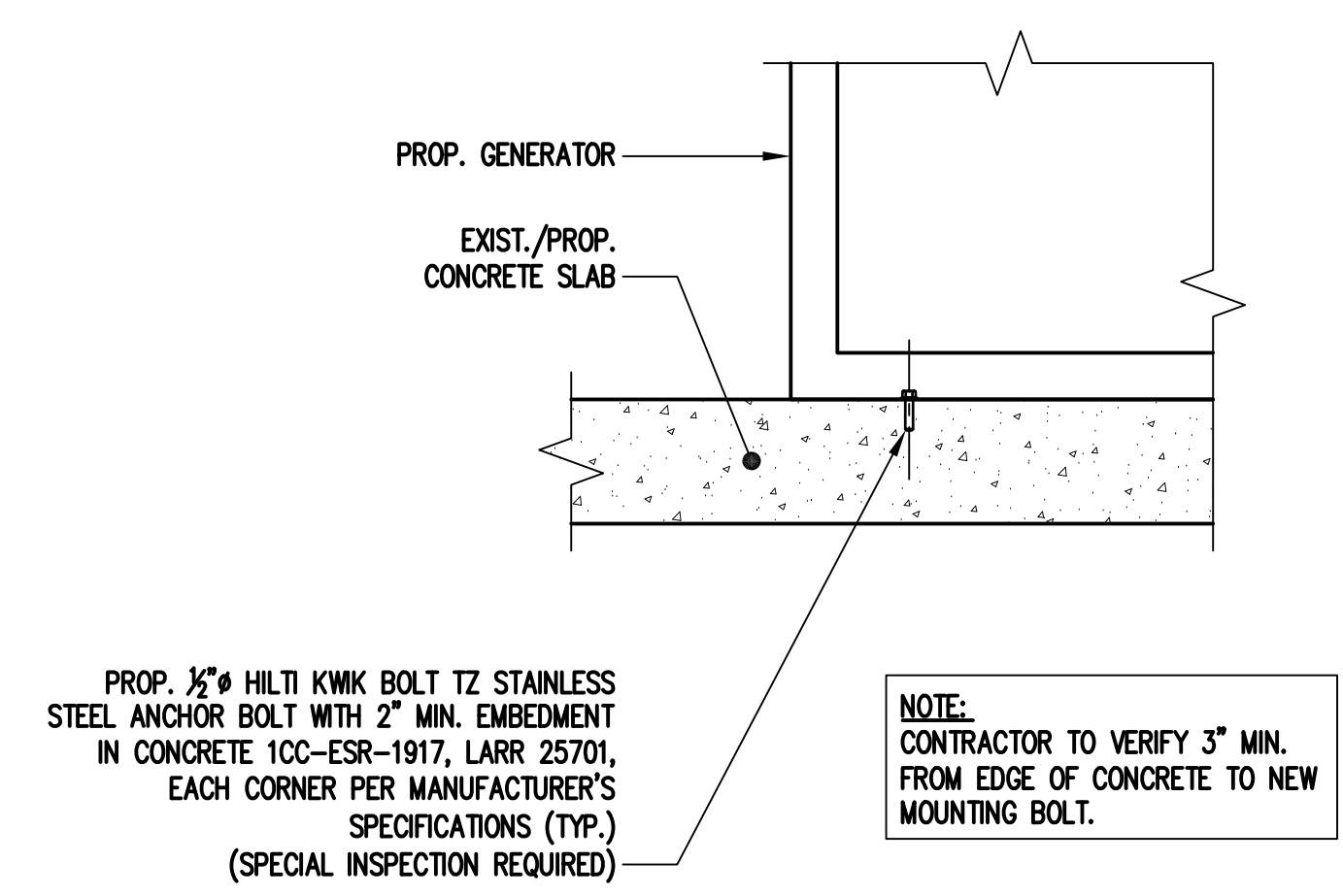


**GENERAC RD025 25kW AC DIESEL GENERATOR**  
 DIMENSIONS: 103.4"L x 35.0"W x 91.7"H  
 WEIGHT: 2,946 lbs  
 QUANTITY: TOTAL OF 1

**GENERATOR DETAIL** 1  
 SCALE: N.T.S. A-2

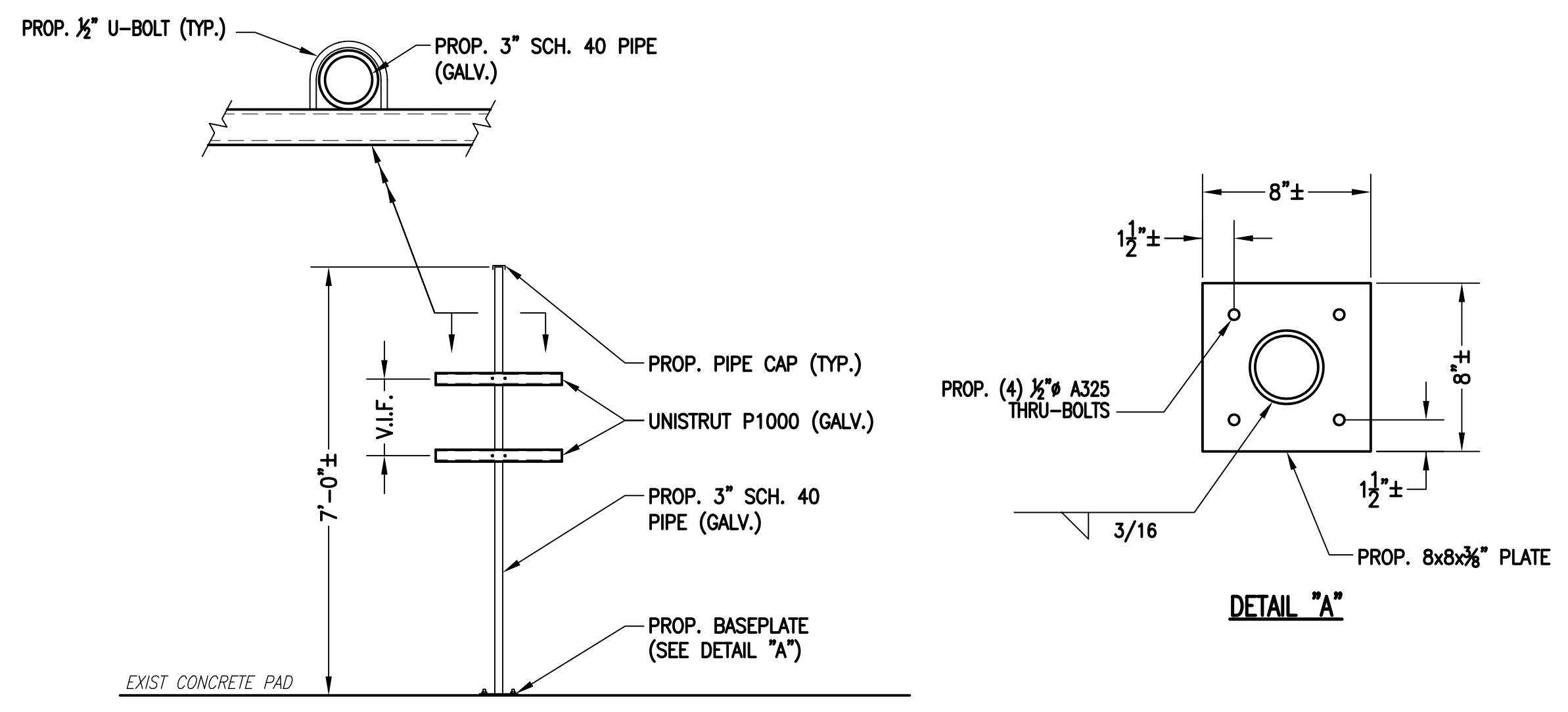


**GENERATOR PAD DETAIL** 2  
 SCALE: NTS A-2



**NOTE:**  
CONTRACTOR TO VERIFY 3" MIN. FROM EDGE OF CONCRETE TO NEW MOUNTING BOLT.

**GENERATOR MOUNTING DETAIL** 3  
 SCALE: N.T.S. A-2



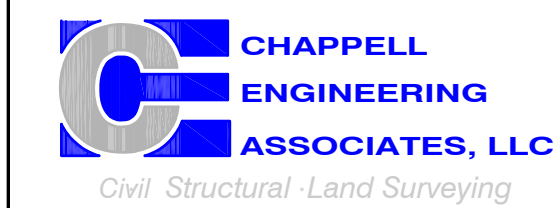
**H-FRAME DETAIL** 4  
 SCALE: N.T.S. A-2

**T-MOBILE  
NORTHEAST LLC**

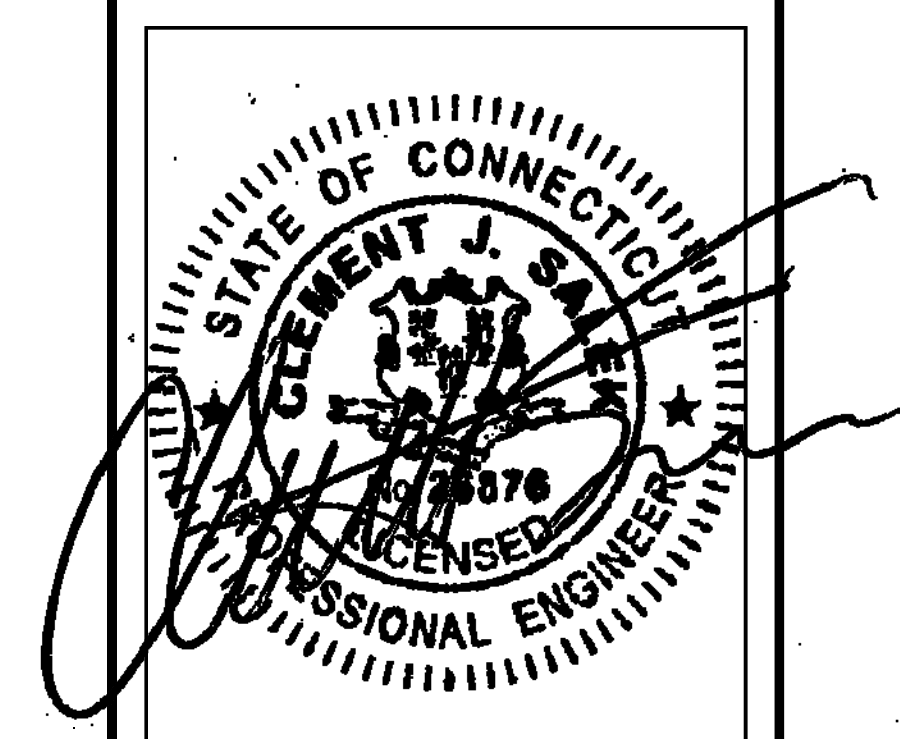
15 COMMERCE WAY, SUITE B  
 NORTON, MA 02766  
 (508) 286-2700



SBA COMMUNICATIONS CORP.  
 134 FLANDERS ROAD, SUITE 125  
 WESTBOROUGH, MA 01581  
 (508) 251-0720



R.K. EXECUTIVE CENTRE  
 201 BOSTON POST ROAD WEST, SUITE 101  
 MARLBOROUGH, MA 01752  
 (508) 481-7400  
 www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

SITE NUMBER:  
**CTNH003A**  
 SITE ADDRESS:  
 160 WAMPUS LANE  
 MILFORD, CT 06460

SHEET TITLE:  
**GENERATOR DETAILS**

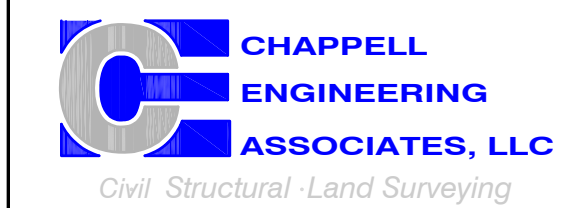
SHEET NUMBER:  
**A-2**

T-MOBILE  
NORTHEAST LLC

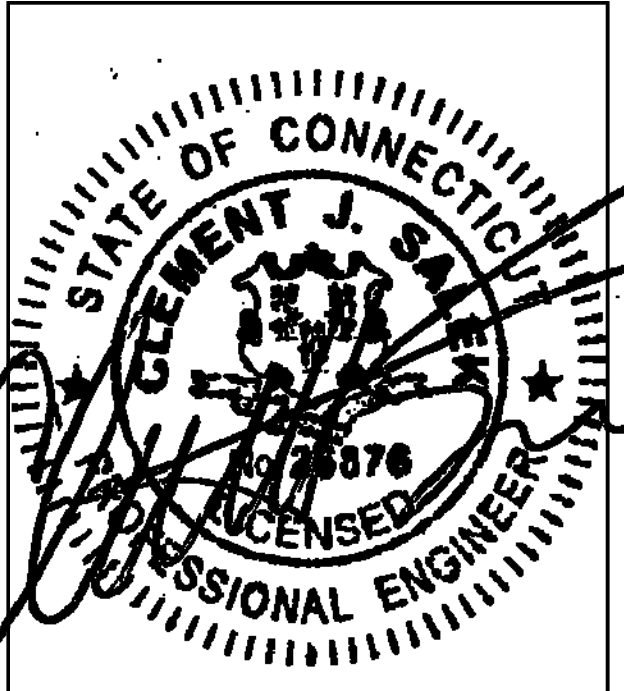
15 COMMERCE WAY, SUITE B  
NORTON, MA 02766  
(508) 286-2700



SBA COMMUNICATIONS CORP.  
134 FLANDERS ROAD, SUITE 125  
WESTBOROUGH, MA 01581  
(508) 251-0720



R.K. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

SITE NUMBER:  
**CTNH003A**

SITE ADDRESS:  
160 WAMPUS LANE  
MILFORD, CT 06460

SHEET TITLE  
GENERATOR SPECIFICATIONS 1

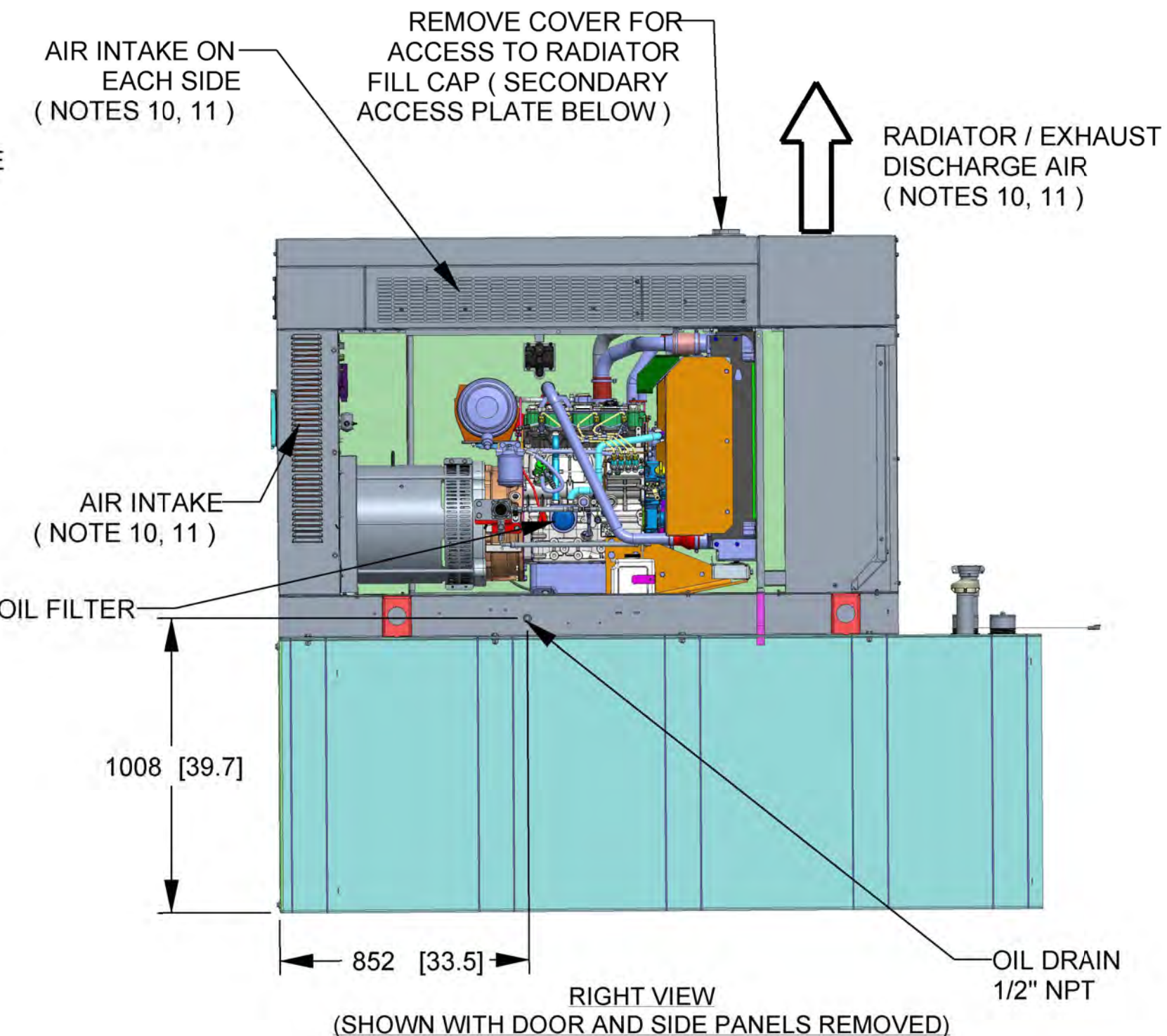
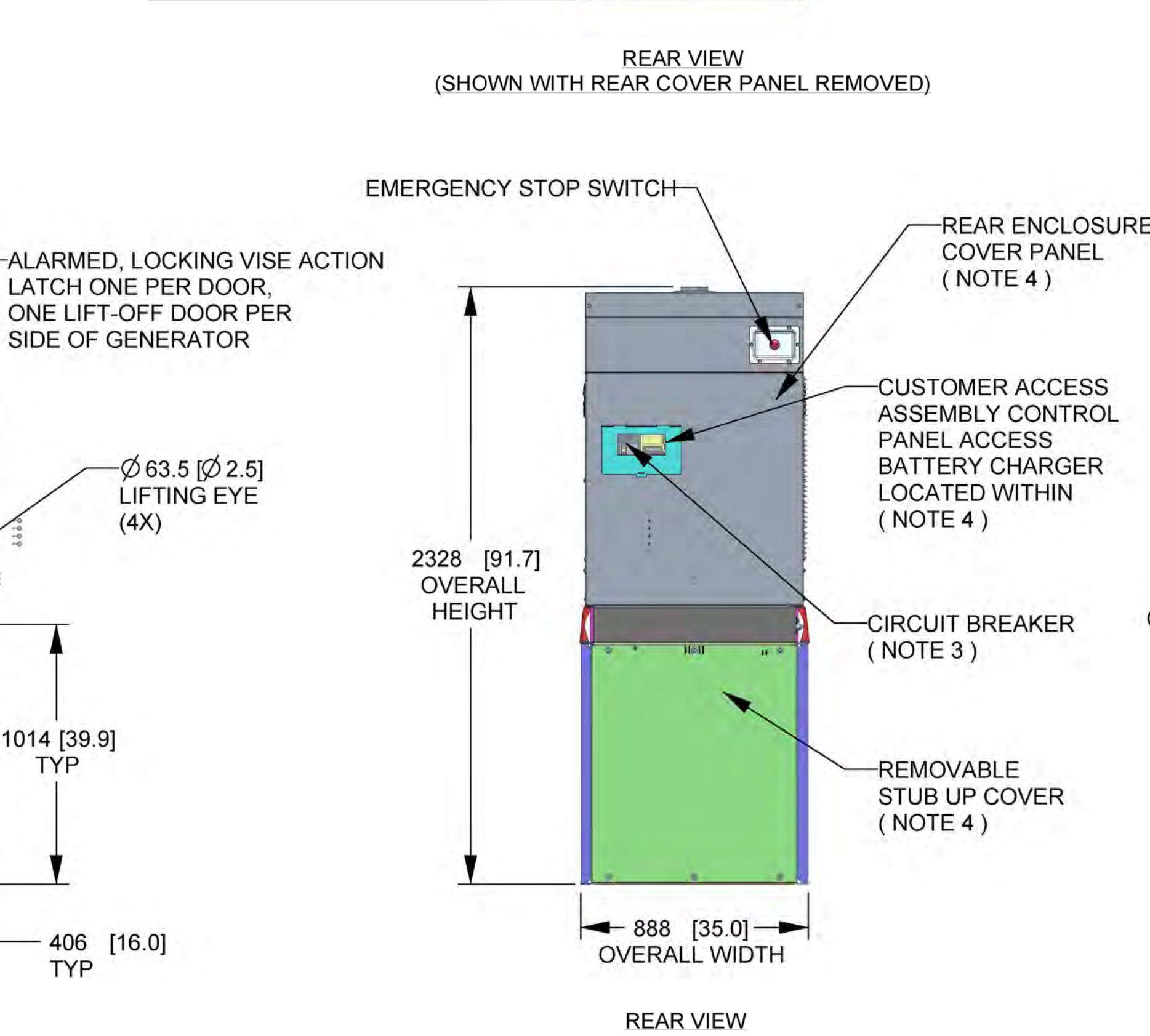
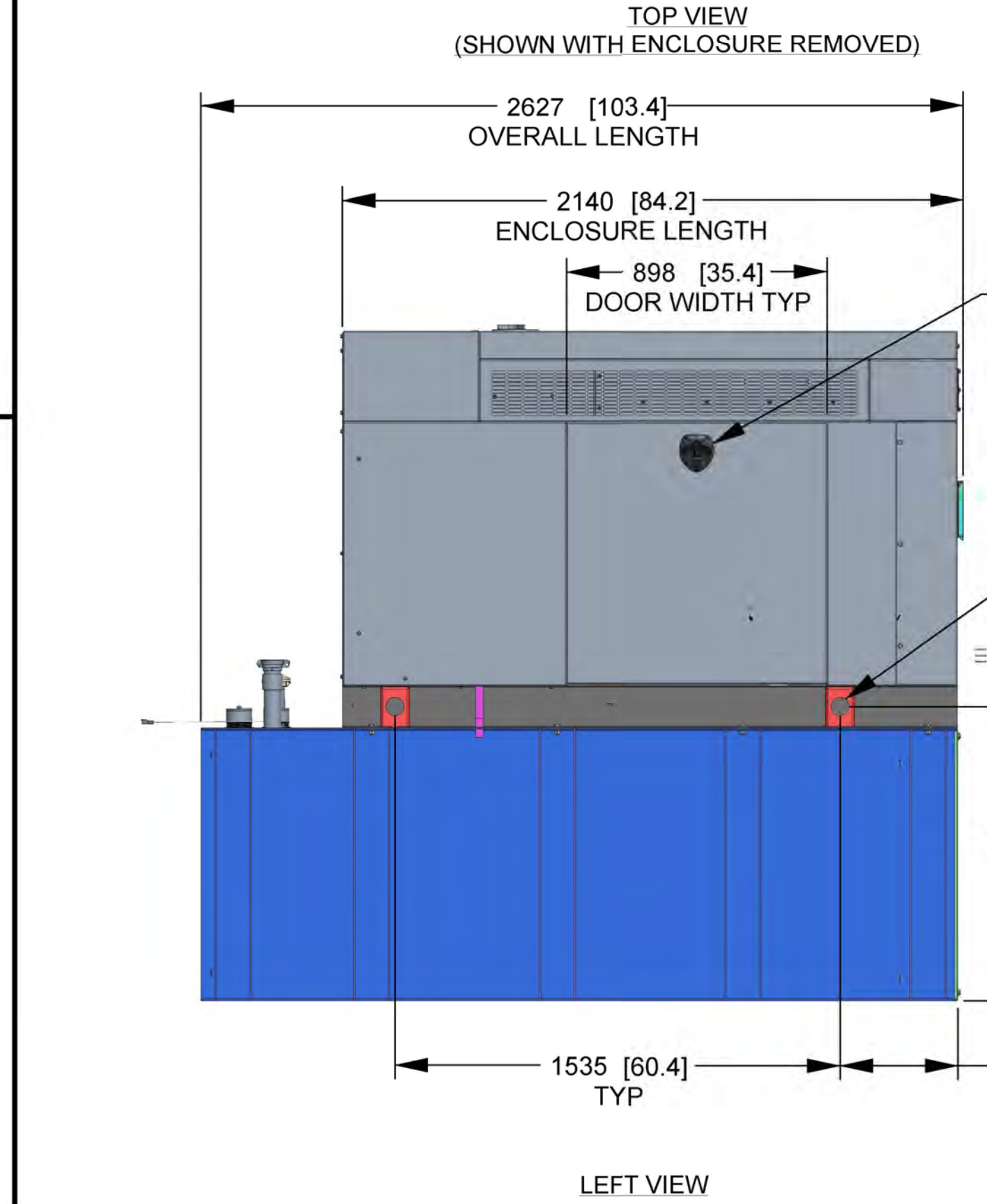
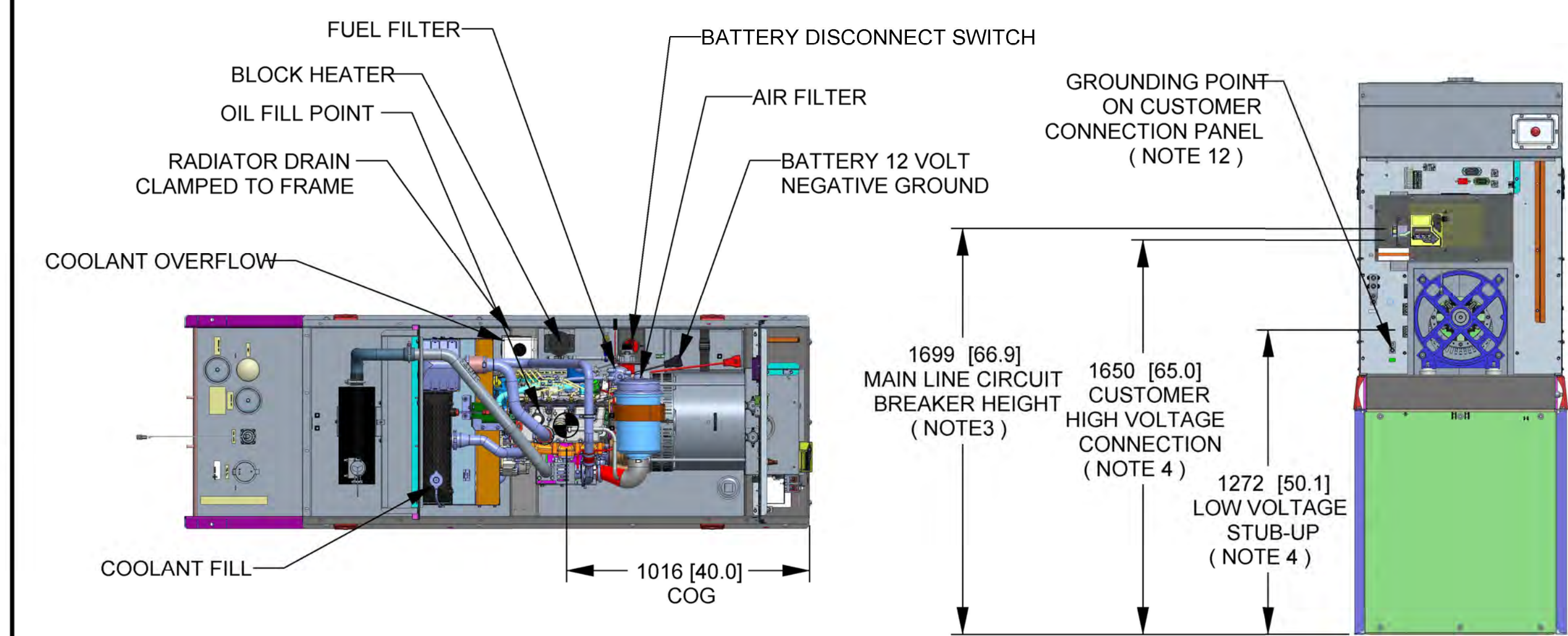
SHEET NUMBER  
**A-3**

SH	1/2	REV	2	WINDCHILL VERSION	2.12
----	-----	-----	---	-------------------	------

WEIGHT DATA WITH EMPTY BASETANK (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 STUB-UP AND REAR ENCLOSURE COVER PANEL TO ACCESS THE STUB-UP AREAS 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.

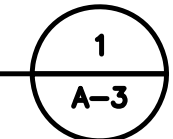
# INSTALLATION DRAWING

GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS. ©GENERAC POWER SYSTEMS 2015

ELECTRONICALLY APPROVED INSIDE WINDCHILL

<b>GENERAC</b>			
TITLE INSTALLATION D2.2L 25KW Y06 PD			
ISSUE DATE: 5/10/18			
SIZE <b>B</b>	CAGE NO N/A	DWG NO <b>10000036728</b>	REV <b>2</b>
SCALE 0.031	WT-KG SEE ABOVE	SHEET 1 of 2	

GENERATOR SPECIFICATIONS  
SCALE: N.T.S.

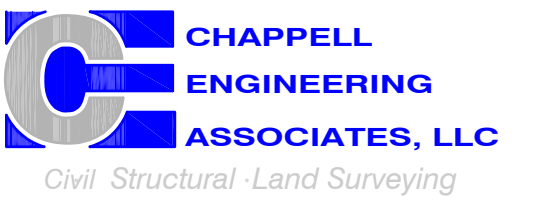


T-MOBILE  
NORTHEAST LLC

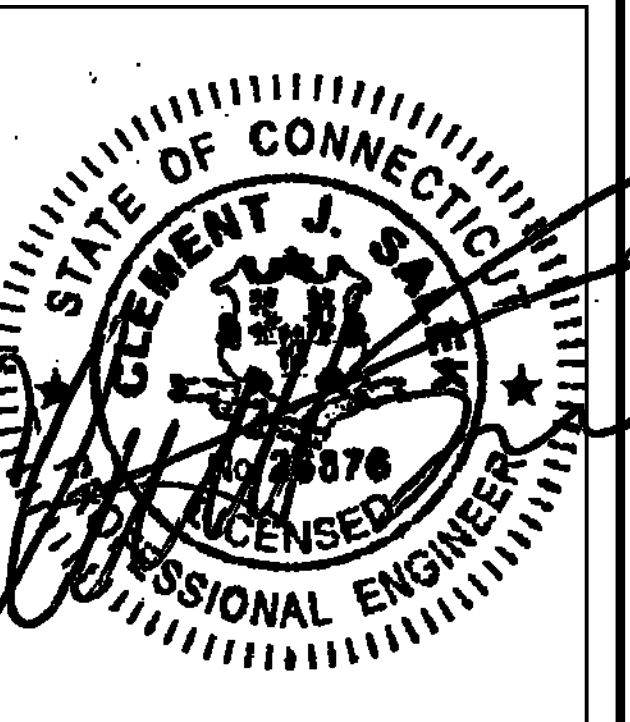
15 COMMERCE WAY, SUITE B  
NORTON, MA 02766  
(508) 286-2700



SBA COMMUNICATIONS CORP.  
134 FLANDERS ROAD, SUITE 125  
WESTBOROUGH, MA 01581  
(508) 251-0720



R.K. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

SUBMITTALS			
REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

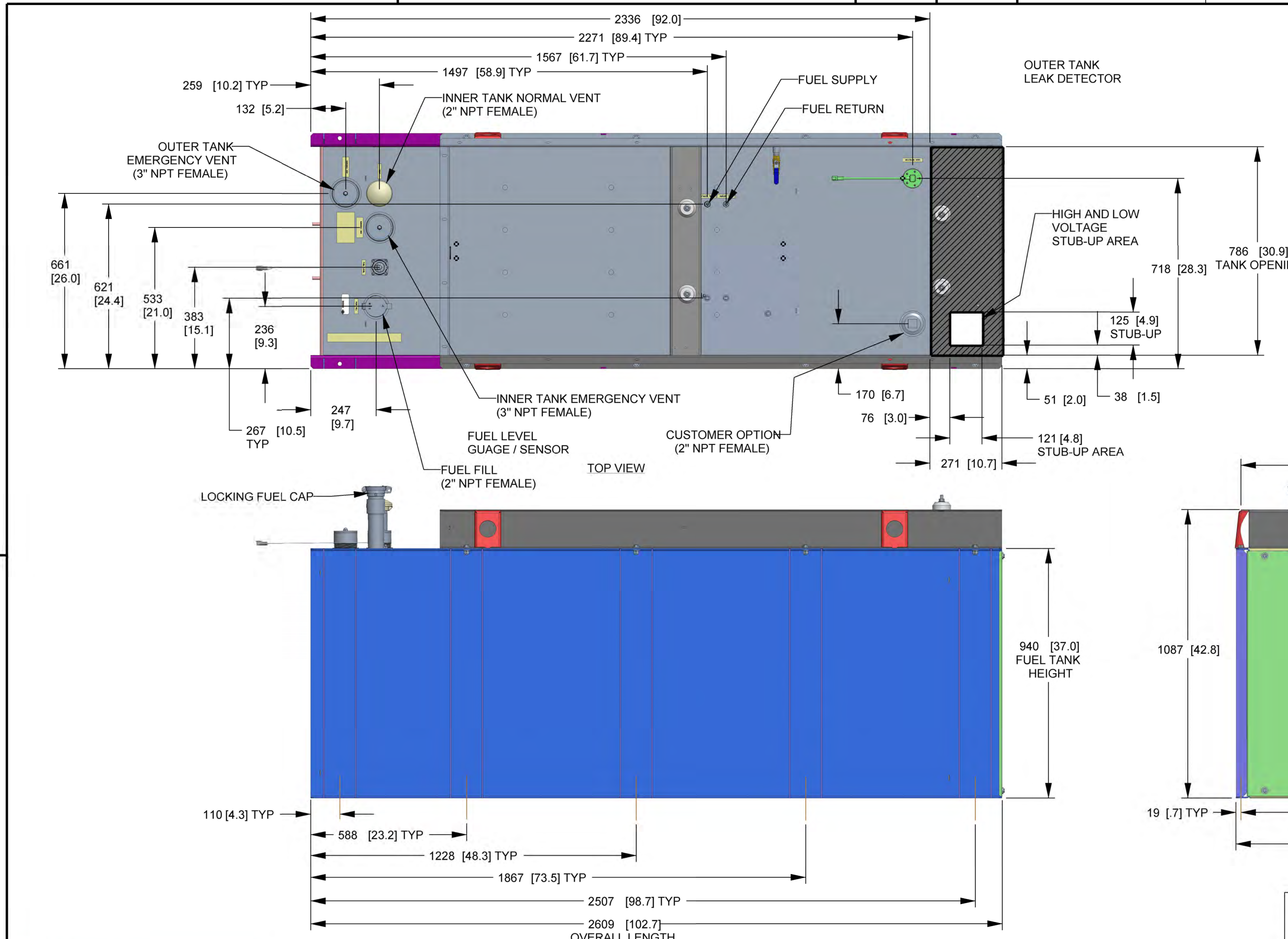
SITE NUMBER:  
**CTNH003A**

SITE ADDRESS:  
160 WAMPUS LANE  
MILFORD, CT 06460

SHEET TITLE  
**GENERATOR SPECIFICATIONS 2**

SHEET NUMBER  
**A-4**

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.

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

# INSTALLATION DRAWING

GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS. ©GENERAC POWER SYSTEMS 2013

ELECTRONICALLY APPROVED  
INSIDE WINDCHILL

**GENERAC**

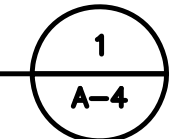
TITLE  
**INSTALLATION D2.2L  
25KW Y06 PD**

ISSUE DATE: 5/10/18

SIZE	CAGE NO	DWG NO	REV
B	N/A	10000036728	2

SCALE 0.063 WT-KG SEE ABOVE SHEET 2 of 2

GENERATOR SPECIFICATIONS  
SCALE: N.T.S.

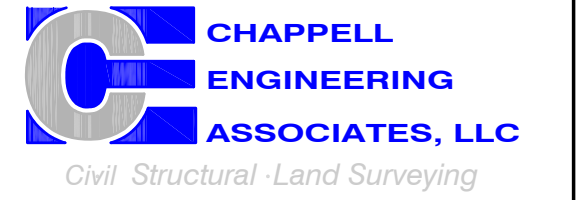


# T-MOBILE NORTHEAST LLC

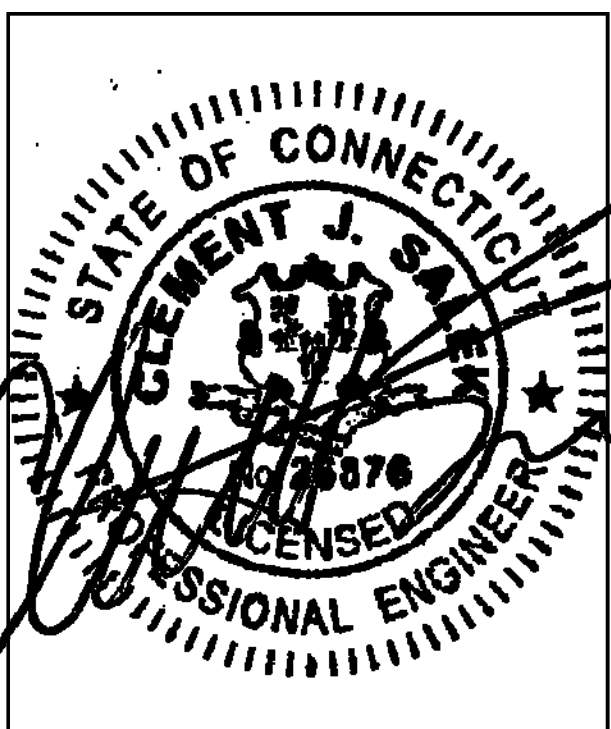
15 COMMERCE WAY, SUITE B  
NORTON, MA 02766  
(508) 286-2700



SBA COMMUNICATIONS CORP.  
134 FLANDERS ROAD, SUITE 125  
WESTBOROUGH, MA 01581  
(508) 251-0720



R.K. EXECUTIVE CENTRE  
201 BOSTON POST ROAD WEST, SUITE 101  
MARLBOROUGH, MA 01752  
(508) 481-7400  
www.chappellengineering.com



CHECKED BY: JMT

APPROVED BY: JMT

### SUBMITTALS

REV.	DATE	DESCRIPTION	BY
0	10/13/21	ISSUED FOR REVIEW	BDJ

SITE NUMBER:

**CTNH003A**

SITE ADDRESS:  
160 WAMPUS LANE  
MILFORD, CT 06460

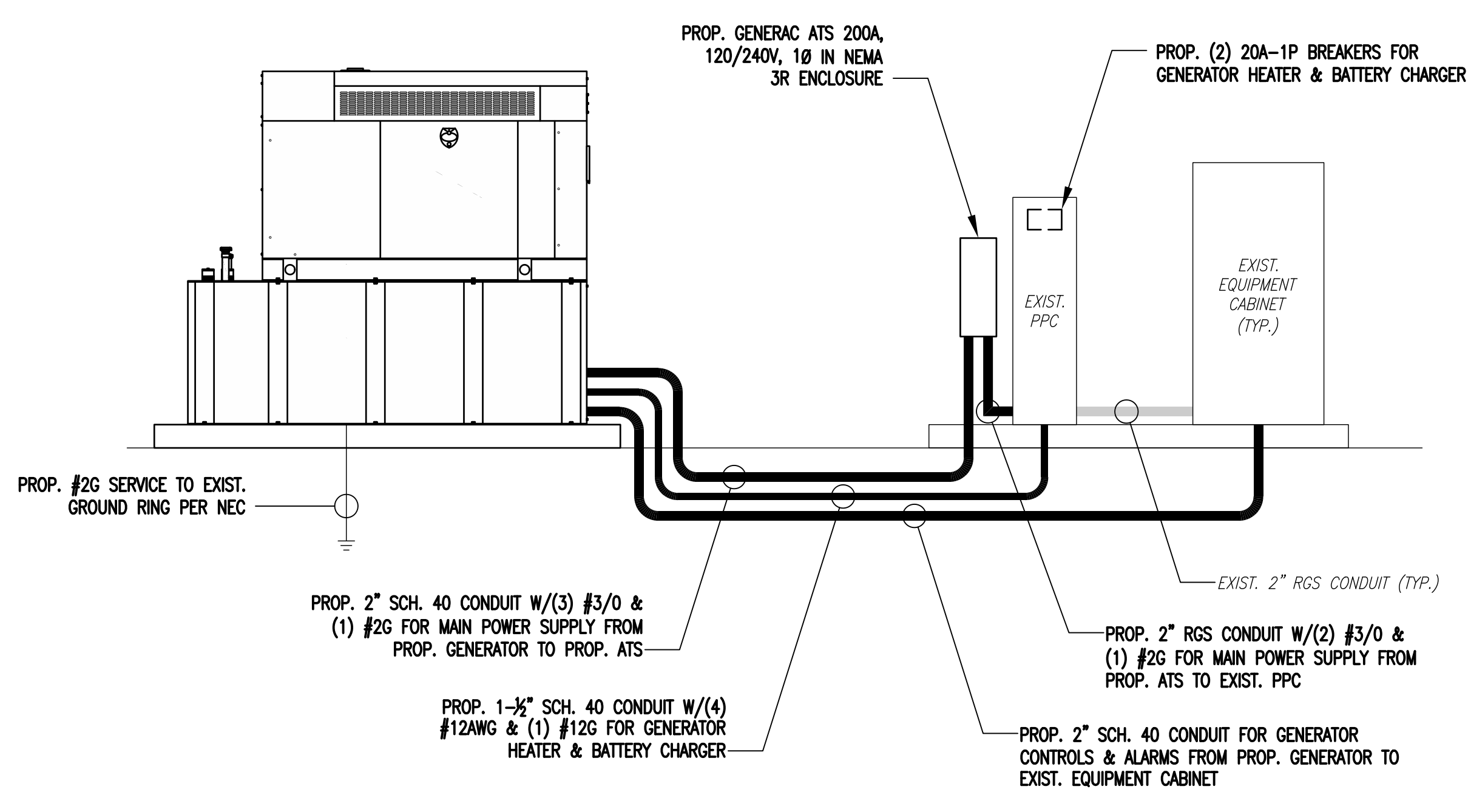
SHEET TITLE

**ELECTRIC & GROUNDING  
DETAILS**

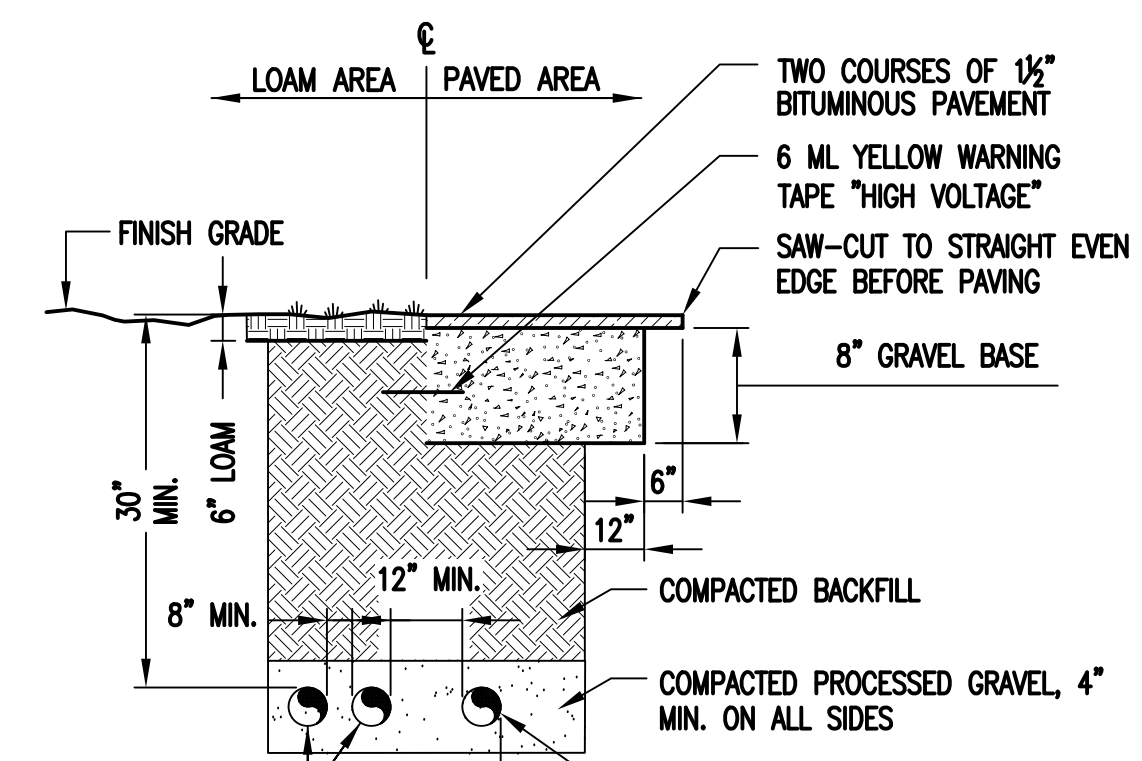
SHEET NUMBER

**E-1**

NOTE:  
CUT BACK (E) MAIN POWER CONDUIT, AS  
REQUIRED, & RECONNECT TO (P) ATS.



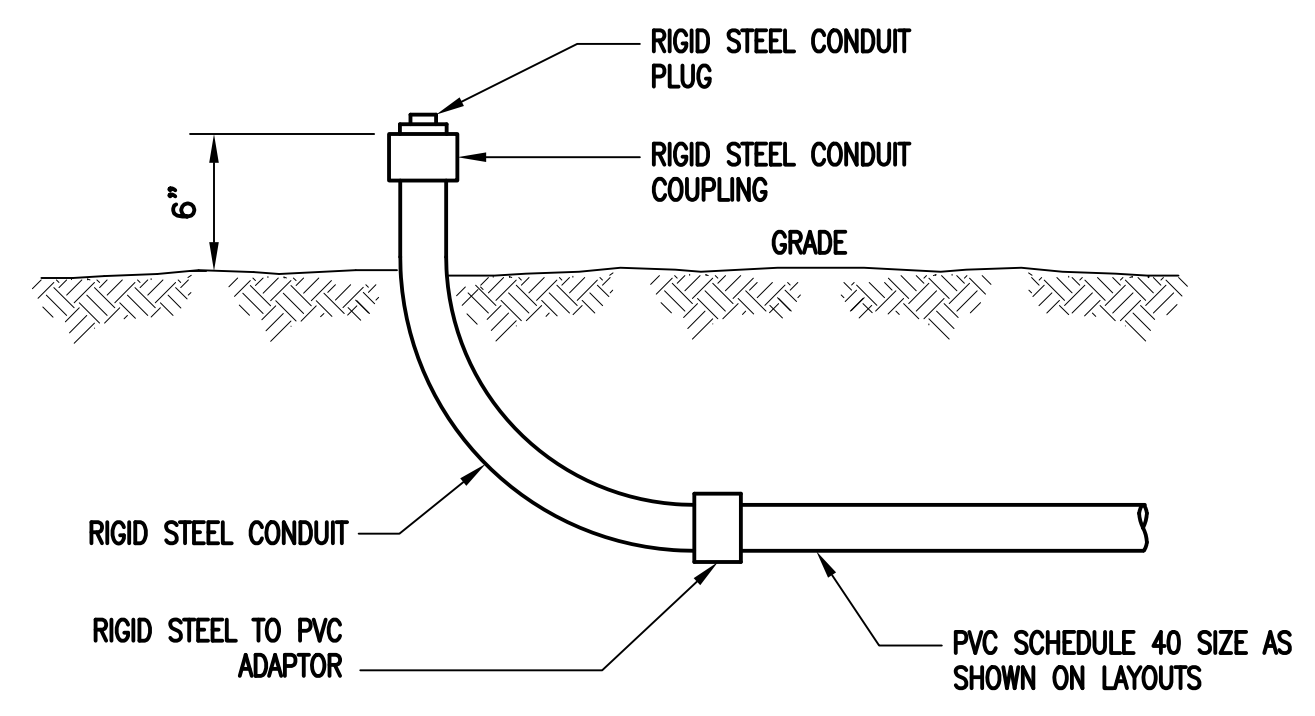
**ONE-LINE POWER DIAGRAM**  
SCALE: NOT TO SCALE



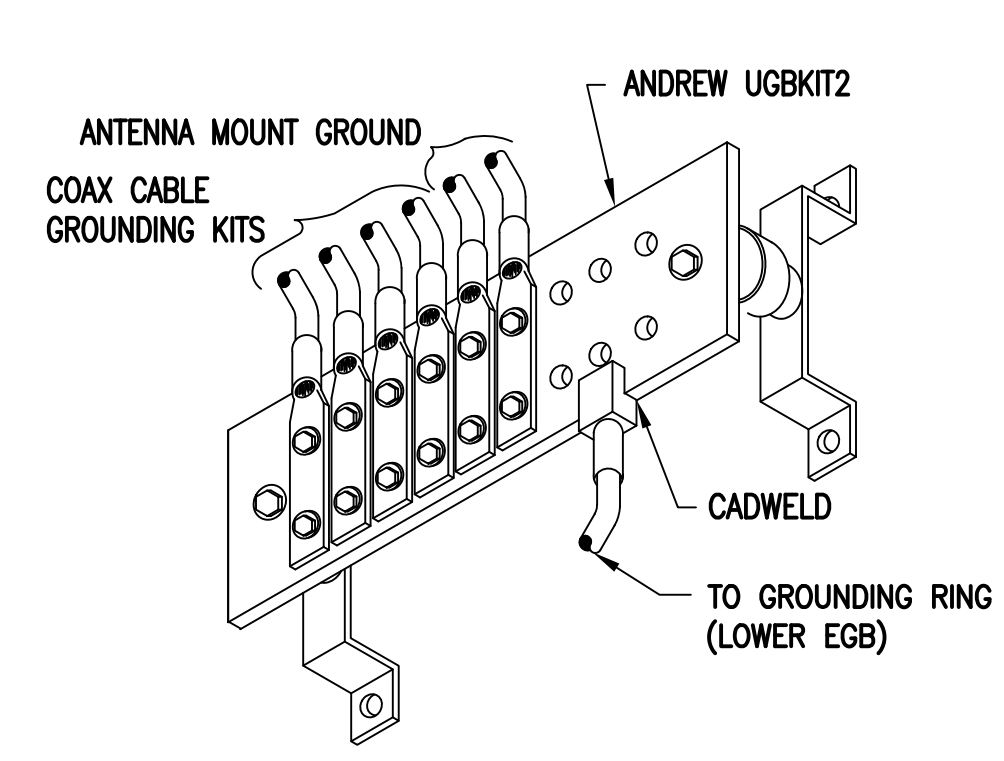
SCHEDULE 40 CONDUITS FOR NEW ELECTRICAL AND TELEPHONE SERVICES. SEE UTILITY AND SITE PLANS. PROVIDE APPROVED PULL BOXES AS REQUIRED, AND COORDINATE INSTALLATION W/ALL UTILITY COMPANIES FOR INTERFACING AT TERMINATION POINTS. PROVIDE FULL LENGTH PULL ROPES (TYP.).

NOTE: DETAIL AS SHOWN IS FOR SECONDARY ELECTRIC SERVICE. PRIMARY HIGH VOLTAGE SERVICE REQUIRES 4" CONCRETE ENCASEMENT.

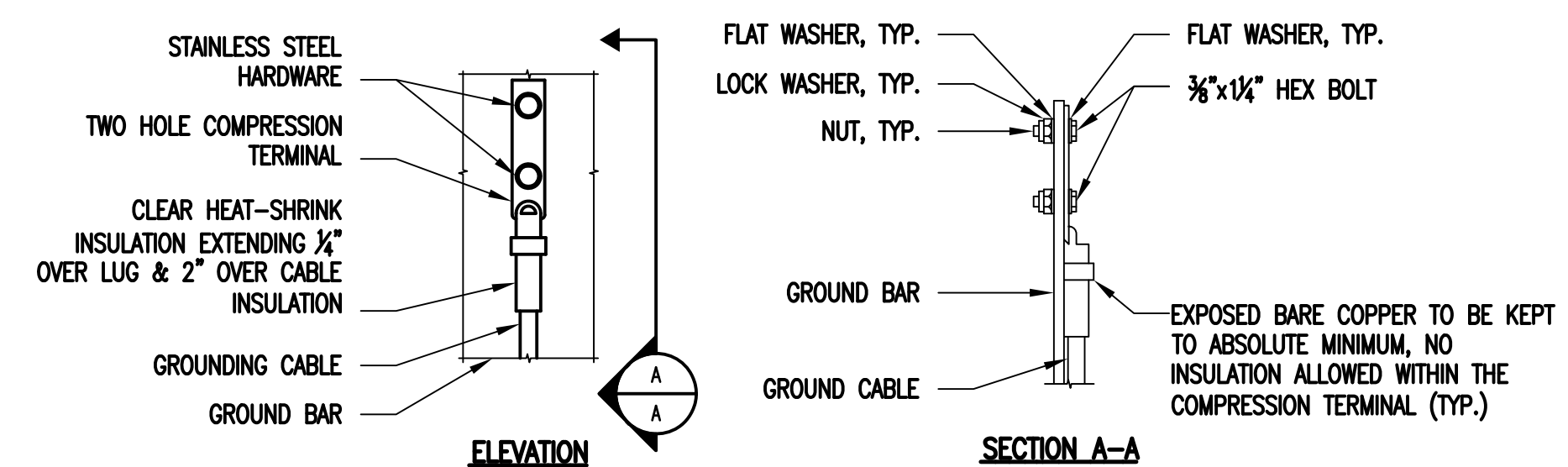
**BURIED CONDUIT DETAIL**  
SCALE: NOT TO SCALE



**TYPICAL CONDUIT STUB-UP DETAIL**  
SCALE: NONE



**GROUND BAR (EGB)**  
SCALE: NOT TO SCALE



NOTES:

- "DOUBLING UP" OR "STACKING" OF CONNECTION IS NOT PERMITTED.
- OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.
- CADWELD DOWNLEADS FROM UPPER EGB, LOWER EGB AND MGB.

**TYPICAL GROUND BAR CONNECTIONS DETAIL**  
SCALE: NOT TO SCALE

### ELECTRICAL AND GROUNDING NOTES

- ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
- ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED 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 IS 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.
- BURIED CONDUIT SHALL BE SCHEDULE 40 PVC.
- ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THHN, OR THHNSULATION.
- RUN ELECTRICAL CONDUIT OR CABLE BETWEEN ELECTRICAL UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE PPC AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE. COORDINATE INSTALLATION WITH UTILITY COMPANY.
- RUN TELCO CONDUIT OR CABLE BETWEEN TELEPHONE UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE TELCO CABINET AND BTS CABINET AS INDICATED ON THIS DRAWING PROVIDE FULL LENGTH PULL ROPE IN INSTALLED TELCO CONDUIT. PROVIDE GREENLEE CONDUIT MEASURING TAPE AT EACH END.
- WHERE CONDUIT BETWEEN BTS AND PROJECT OWNER CELL SITE PPC AND BETWEEN BTS AND PROJECT OWNER CELL SITE TELCO SERVICE CABINET ARE UNDERGROUND USE PVC, SCHEDULE 40 CONDUIT. ABOVE THE GROUND PORTION OF THESE CONDUITS SHALL BE PVC CONDUIT.
- ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.
- PPC SUPPLIED BY PROJECT OWNER.
- GROUNDING SHALL COMPLY WITH NEC ART. 250. ADDITIONALLY, GROUNDING, BONDING AND LIGHTNING PROTECTION SHALL BE DONE IN ACCORDANCE WITH "T-MOBILE BTS SITE GROUNDING STANDARDS".
- GROUND COAXIAL CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.
- USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
- ALL GROUND CONNECTIONS 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 GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY METAL OBJECTS WITHIN 6 FEET OF PROJECT OWNER EQUIPMENT OR CABINET TO MASTER GROUND BAR OR GROUNDING RING.
- 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 CONNECTIONS.
- CONTRACTOR SHALL PROVIDE AND INSTALL OMNI DIRECTIONAL ELECTRONIC MARKER SYSTEM (EMS) BALLS OVER EACH GROUND ROD AND BONDING POINT BETWEEN EXIST. TOWER/ MONOPOLE GROUNDING RING AND EQUIPMENT GROUNDING RING.
- CONTRACTOR SHALL TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION. 5 OHMS MINIMUM RESISTANCE REQUIRED.
- CONTRACTOR SHALL CONDUCT ANTENNA, COAX, AND LNA RETURN-LOSS AND DISTANCE- TO-FAULT MEASUREMENTS (SWEEP TESTS) AND RECORD RESULTS FOR PROJECT CLOSE OUT.

# EXHIBIT 7

Generac RD025 25 KW  
25kw Diesel Specifications

**RD025 | 2.2L | 25 kW**

**INDUSTRIAL DIESEL GENERATOR SET**

EPA Certified Stationary Emergency

**GENERAC®** | **INDUSTRIAL POWER**

### Standby Power Rating

25 kW, 31.25 kVA, 60 Hz



Image used for illustration purposes only



## Codes and Standards

Not all codes and standards apply to all configurations.  
Contact factory for details.



UL2200, UL508, UL489, UL142



CSA 22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99



ISO 3046, 8528, 9001



NEMA ICS1, ICS10, MG1, 250, ICS6, AB1



ANSI/IEEE C62.41

## Powering Ahead

For over 50 years, Generac has led the industry with 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's 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 application under adverse conditions.

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

## Standard Features

### ENGINE SYSTEM

- Cold Weather Kit
- Oil Drain Extension
- Heavy Duty Air Cleaner
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Factory Filled Oil & Coolant
- Critical Exhaust Silencer

### GENERATOR SET

- Sound Attenuated Aluminum Enclosure
- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Wrapped Exhaust Piping
- Standard Factory Testing
- 5 Year Limited Warranty
- Ready to Accept Full Load in <10 Seconds
- E-Stop

### Electrical System

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

### ALTERNATOR SYSTEM

- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Sealed Bearings
- Low Temperature Rise (>120°C)
- Low THD (<5%)

### Cooling System

- Closed Coolant Recovery System
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension
- Can Operate at up to 122°F (50°C) Ambient Temperature

### Fuel System

- Fuel Lockoff Solenoid
- Primary Fuel Filter
- Stainless Steel Fuel Lines

### TANKS

- 24 Hour Run Time Tank
- UL142 Listed Tank

## CONTROL SYSTEM



### Evolution™ Controller

- Two-Line Plain Text LCD Display
- Programmable Start Delay Between 10-30 seconds
- 10 second Engine Start Sequence
- 5 second Engine Warm Up
- 1 minute Engine Cool-Down
- Starter Lock-Out
- Smart Battery Charger
- Automatic Voltage Regulation with Over and Under Protection
- Automatic Low Oil Pressure Shutdown
- Overspeed Shutdown
- High Temperature Shutdown
- Overcrank Protection
- Safety Fused
- Failure to Transfer Protection
- Low Battery Protection
- 50 Even Run Log
- Future Set Capable Exerciser
- Incorrect Wiring Protection
- Internal Fault Protection
- Common External Fault Capability
- Governor Failure Protection

## Optional Shipped Loose and Field Install Kits

### ENGINE SYSTEM

- Base Plug Kit

### GENERATOR SET

- Paint Kit
- Scheduled Maintenance Kit

### CONTROL SYSTEM

- Mobile Link™ and Adapter Kit

### TANKS

- Spill Box
- 90% Fuel Alarm
- Tank Risers
- Spill Box Drainback Kit
- Vent Extension Support Kit
- 5 Day Run Time Tank



**APPLICATION AND ENGINEERING DATA**

**ENGINE SPECIFICATIONS**

General

Make	Perkins
EPA Emission Compliance	Tier 4 Interim
Cylinder #	4
Type	In-Line
Displacement - in <sup>3</sup> (L)	2.22 (135)
Bore - in (mm)	3.3 (84.0)
Stroke - in (mm)	3.9 (100.0)
Compression Ratio	23.3:1
Intake Air Method	Turbocharged/Aftercooled
Piston Type	Aluminum
Crankshaft Type	Forged Steel
Engine Block Type	Cast Iron

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow Cartridge
Crankcase Capacity with Filters- qt (L)	11.2 (10.6)

Cooling System

Cooling System Type	Closed Recovery
Fan Type	Pusher
Fan Speed- rpm	1,980
Fan Diameter - in (mm)	18.0 (457.2)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specification	ASTM
Fuel Pump Type	Mechanical Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Lin (mm/in)	7.94/0.31 (ID)
Fuel Return Line (mm/in)	4.76/.19 (ID)
Fuel Filtering (microns)	25

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
Poles	4
Field Type	Rotating
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Direct
Bearings	Single Sealed
Coupling	Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Full Digital
Number of Sensed Phases	2
Regulation Accuracy (Steady State)	±1%

# RD025 | 2.2L | 25 kW

## INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

### OPERATING DATA

#### POWER RATINGS

		Standby
Single-Phase 120/480 VAC @0.1pf	25 kW	Amps: 104
Three-Phase 120/208 VAC @0.8pf	25 kW	Amps: 87
Three-Phase 120/240 VAC @0.8pf	25 kW	Amps: 75
Three-Phase 277/480 VAC @0.8pf	25 kW	Amps: 37

#### MOTOR STARTING CAPABILITIES (sKVA)

##### sKVA vs. Voltage Dip at 30%

120/240 V, Single-Phase at 0.4pf	168
120/208 V, Three-Phase at 0.4pf	144
120/240 V, Three-Phase at 0.4pf	125
120/240 V, Three-Phase at 0.4pf	64

#### FUEL CONSUMPTION RATES\*

Percent Load	Diesel gal/hr (L/hr)
25%	0.97 (3.67)
50%	1.37 (5.19)
75%	1.97 (7.46)
100%	2.77 (10.49)

\* Fuel supply installation must accommodate fuel consumption rates at 100% load.

#### COOLING

		Standby
Air Flow (Radiator and Alternator)	ft <sup>3</sup> /min (m <sup>3</sup> /min)	2800 (79)
Coolant System Capacity	gal (L)	2.5 (9.5)
Heat Rejection to Coolant	BTU/hr (MJ/hr)	128,638 (135.7)
Max. Operating Ambient Temperature	°F (°C)	122 (50)
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin No. 0199270SSD	
Maximum Radiator Backpressure	in H <sub>2</sub> O (kPa)	0.50 (0.12)

#### COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power ft <sup>3</sup> /min (m <sup>3</sup> /min)	88 (2.5)

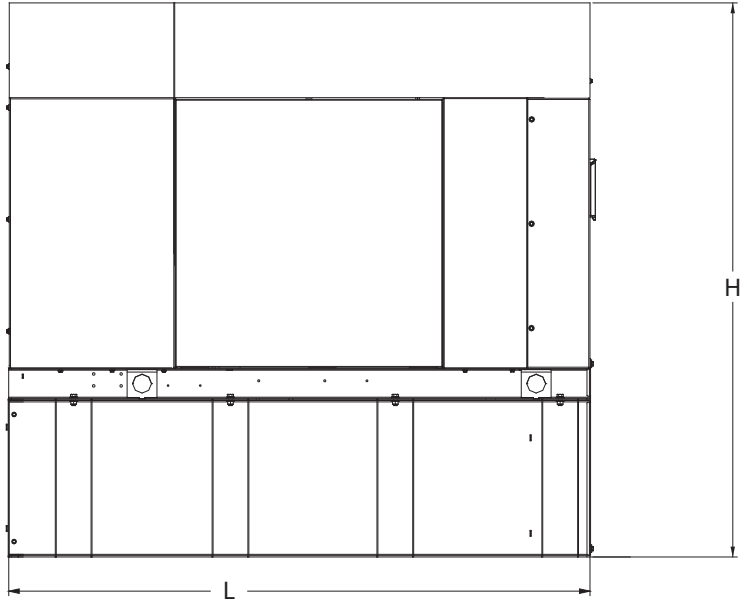
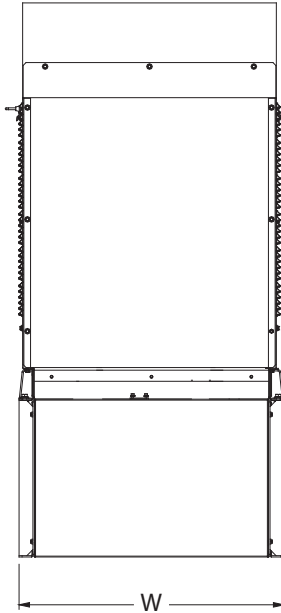
#### ENGINE

#### EXHAUST

ENGINE			EXHAUST		
		Standby			Standby
Rated Engine Speed	rpm	1,800	Exhaust Flow (Rated Output)	ft <sup>3</sup> /min (m <sup>3</sup> /min)	296.6 (8.4)
			Exhaust Temp (Rated Output - Post Silencer)	°F (°C)	930 (499)

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

**DIMENSIONS AND WEIGHTS\***



**Weights and Dimensions**

Unit Weight - lbs	Unit Weight with Skid - lbs	Dimensions (L x W x H) in
2,811	2,849	84.2 x 35.0 x 91.7

**25kW Fuel Consumption**

Fuel Tank Gross Total Capacity	240
Fuel Tank Gross Usable Capacity	229
Fuel Tank Net Usable Capacity (Run Hours Based on Net Usable Capacity)	206
Run Hours 100% Load	98
Run Hours 75% Load	125
Run Hours 50% Load	161

**with fuel tank  
103.4" 35" x 91.7"**

**Sound Emission Data**

Rated Load Sound Output at 23ft - dB(A)	65
---	----

\* All measurements are approximate and for estimation purposes only. Drawing is for illustration purposes only, not to scale.

<b>YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER</b>

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

# EXHIBIT 8

Map showing nearest wetlands



BASEMAPS >

MAP LAYERS >

- Wetlands 0 2
- Riparian 0 2
- Riparian Mapping Areas 0 2
- Data Source 0 2
  - Source Type
  - Image Scale
  - Image Year
- Areas of Interest ?
- FWS Managed Lands 0 2
- Historic Wetland Data 0 2

Measure

Feet (US)

Measurement Result

541.6 Feet (US)



LEGEND

Tower

1:4,514  
41.228 | -73.048