

Via FedEx and Email

September 28<sup>th</sup>, 2022

Connecticut Siting Council  
Attn: Melanie A. Bachman  
10 Franklin Square  
New Britain, CT 06051



**RE: Notice of Exempt Modification**  
**Facility Address: 135 Honey Hill Road, East Haddam, CT**  
**Facility Coordinates: 41.43695919, -72.36640452**

Dear Ms. Bachman,

American Tower Corporation (ATC) currently maintains an existing Cellular Tower Facility (150' Monopole) at 135 Honey Hill Road, East Haddam CT. The property is owned by Susan Lee Sobiech. ATC intends to install an 80 kW Diesel Generator within the leased and fenced ground space of the facility. The purpose of this generator installation is to allow for shared back up emergency power option for current and future wireless carrier tenants.

The Cellular Tower Facility was originally approved via Petition 587 on October 23, 2002. Documentation has been included.

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



re-enforced 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.

Because this proposed generator is with the existing, approved compound space, and the applicant is NOT requesting an expansion of the ground space beyond approved dimensions, please accept this letter as notification pursuant to Regulations of Connecticut State Agencies @16-50j-73, for construction that constitutes and 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 Irene M. Haines as the First Selectman of the Town of East Haddam, James F. Ventres as the Zoning Enforcement Officer of the Town of East Haddam, American Tower Corporation as tower owner, and Susan Lee Sobiech as the underlying property owner.

If you have any questions, please contact me at [JLehman@airosmithdevelopment.com](mailto:JLehman@airosmithdevelopment.com) or (518) 932-7049

Sincerely,

A handwritten signature in dark ink, appearing to read "Jake Lehman", written over a light blue horizontal line.

Jake Lehman  
Site Acquisition Specialist II  
Airosmith Development, Inc.  
318 West Ave.  
Saratoga Springs, NY 12866  
(518) 306-1711 fax  
(518) 932-7049 cell  
[jlehman@airosmithdevelopment.com](mailto:jlehman@airosmithdevelopment.com)

Enclosed: Check #10237 for \$625.00 for Filing Fees  
(3) Copies of Exempt Modification Notification and Supporting Documentation

cc: Irene M. Haines – First Selectman, Town of East Haddam (*Via FedEx*)  
James F. Ventres – Zoning Enforcement Officer, Town of East Haddam (*Via FedEx*)  
American Tower Corporation – Tower Owner (*Via Email*)  
Susan Lee Sobiech – Property Owner (*Via FedEx*)





**AMERICAN TOWER®**  
CORPORATION

**LETTER OF AUTHORIZATION FOR PERMITTING**

**ATC SITE#/NAME/PROJECT: 302527 / EAST HADDAM / ATC1571025**  
**SITE ADDRESS: 135 HONEY HILL RD, EAST HADDAM, CT 06423**  
**APN: EHD M:M13 L:L004-00036900**  
**LICENSEE: T-MOBILE NORTHEAST LLC dba T-MOBILE**

I, Margaret Robinson, Vice President, UST Legal for American Tower\*, owner/operator of the tower facility located at the address identified above (the "Tower Facility"), do hereby authorize **T-MOBILE NORTHEAST LLC dba T-MOBILE** their successors and assigns, and/or their agent, (collectively, the "Licensee") to act as American Tower's non-exclusive agent for the sole purpose of filing and consummating any land-use, building, or electrical permit application(s) as may be required by the applicable permitting authorities for Licensee's telecommunications' installation on the Tower Facility.

American Tower understands that this application may be denied, modified or approved with conditions. The above authorization is limited to the acceptance by Licensee only of conditions related to Licensee's installation and any such conditions of approval or modifications will be Licensee's sole responsibility.

Signature:

Print Name: Margaret Robinson  
Vice President, UST Legal  
American Tower\*

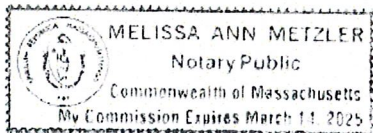
**NOTARY BLOCK**

Commonwealth of MASSACHUSETTS  
County of Middlesex

This instrument was acknowledged before me by Margaret Robinson, Vice President, UST Legal for American Tower\*, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal, this 14<sup>th</sup> day of September, 2022

NOTARY SEAL



Notary Public   
My Commission Expires: March 14, 2025

\* American Tower is defined as American Tower Corporation and any of its affiliates or subsidiaries.

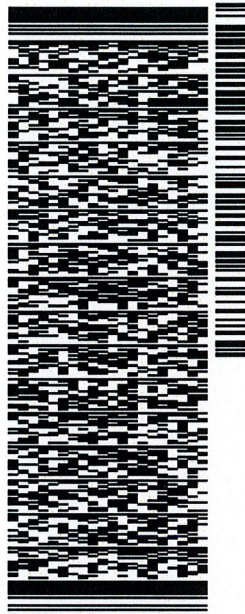
ORIGIN ID: SCHA (518) 932-7049  
JAKE LEHMAN  
A ROSMITH DEVELOPMENT INC.  
318 WEST AVENUE  
SARATOGA SPRINGS, NY 12886  
UNITED STATES US

SHIP DATE: 23SEP22  
ACTWGT:  
CAD: 10763113/NINE14530  
BILL SENDER

TO ATTN: JAMES F. VENTRES  
TOWN OF EAST HADDAM  
1 PLAIN ROAD

MOODUS CT 06469  
(860) 873-5020  
INV: REF: ATC BUP GEN 202204  
PO: DEPT:

581J1/EC8C/FE2D

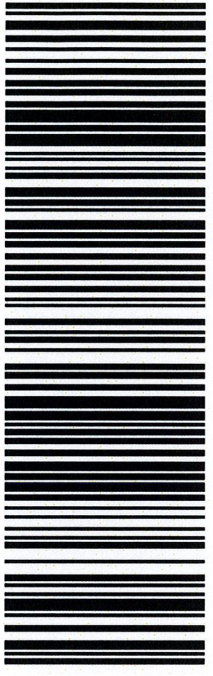


TUE - 27 SEP 4:30P  
\*\* 2DAY \*\*

TRK# 7700 2309 6573  
0201

SE SKKA

06469  
CT-US BDL



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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 Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.





September 27, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 770023096573

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**Delivery Information:**

---

<b>Status:</b>	Delivered	<b>Delivered To:</b>	Receptionist/Front Desk
<b>Signed for by:</b>	B.CHRISTOPHER	<b>Delivery Location:</b>	1 PLAINS RD
<b>Service type:</b>	FedEx 2Day		
<b>Special Handling:</b>	Deliver Weekday		MOODUS, CT, 06469
		<b>Delivery date:</b>	Sep 27, 2022 12:52

---

**Shipping Information:**

---

<b>Tracking number:</b>	770023096573	<b>Ship Date:</b>	Sep 23, 2022
		<b>Weight:</b>	

**Recipient:**

Attn: James F. Ventres, Town of East Haddam  
1 Plain Road  
MOODUS, CT, US, 06469

**Shipper:**

Jake Lehman, AIROSMITH DEVELOPMENT INC.  
318 West Avenue  
Saratoga Springs, NY, US, 12886

**Reference**

ATC BUP GEN 202204

Signature Proof of Delivery is not currently available for this Tracking Number. Availability of signature images may take up to 5 days after delivery date. Please try later, or contact Customer Service at 1.800.Go.FedEx(R) 800.463.3339.

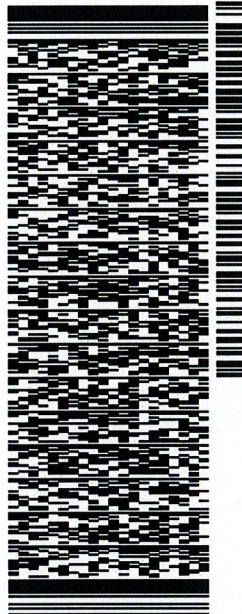
Thank you for choosing FedEx

ORIGIN ID: SCJA (518) 932-7049  
JAKE LEHMAN  
AIROSMITH DEVELOPMENT INC.  
318 WEST AVENUE  
SARATOGA SPRINGS, NY 12886  
UNITED STATES US

SHIP DATE: 23SEP22  
ACTWGT:  
CAD: 107631113IN/ET4530  
BILL SENDER

TO ATTN: IRENE M. HAINES  
TOWN OF EAST HADDAM  
1 PLAINS ROAD

MOODUS CT 06469  
(860) 873-5020 REF: ATC GEN EAST 202204  
INV: DEPT:



TRK# 7700 2304 6671  
0201  
TUE - 27 SEP 4:30P  
\*\* 2DAY \*\*

SE SKKA  
06469  
CT-US BDL

581J1/EC8C/FE2D

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September 27, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 770023046671

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**Delivery Information:**

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<b>Status:</b>	Delivered	<b>Delivered To:</b>	Receptionist/Front Desk
<b>Signed for by:</b>	B.CHRISTOPHER	<b>Delivery Location:</b>	1 PLAINS RD
<b>Service type:</b>	FedEx 2Day		
<b>Special Handling:</b>	Deliver Weekday		MOODUS, CT, 06469
		<b>Delivery date:</b>	Sep 27, 2022 12:52

---

**Shipping Information:**

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<b>Tracking number:</b>	770023046671	<b>Ship Date:</b>	Sep 23, 2022
		<b>Weight:</b>	

**Recipient:**  
ATTN: Irene M. Haines, Town of East Haddam  
1 Plains Road  
MOODUS, CT, US, 06469

**Shipper:**  
Jake Lehman, AIROSMITH DEVELOPMENT INC.  
318 West Avenue  
Saratoga Springs, NY, US, 12886

**Reference** ATC GEN EAST 202204

Signature Proof of Delivery is not currently available for this Tracking Number. Availability of signature images may take up to 5 days after delivery date. Please try later, or contact Customer Service at 1.800.Go.FedEx(R) 800.463.3339.

Thank you for choosing FedEx

ORIGIN ID: SCHA (518) 932-7049  
JAKE LEHMAN  
AROSMITH DEVELOPMENT INC.  
318 WEST AVENUE  
SARATOGA SPRINGS, NY 12886

SHIP DATE: 23SEP22  
ACTWGT:  
CAD: 107631113/NET/4530

UNITED STATES US

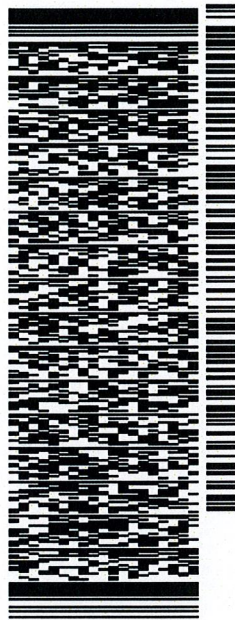
BILL SENDER

TO **SUSAN LEE SOBEICH**

**135 HONEY HILL ROAD**

**EAST HADDAM CT 06423**

(518) 932-7049 REF: ATC GEN EAST 202204  
INVT: DEPT:  
PO:



J222022081201uv

581J1EC8C/FE2D

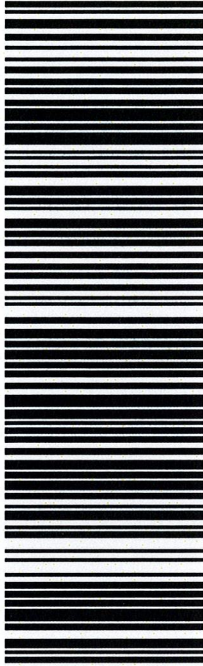
TRK# 7700 2319 7068  
0201

TUE - 27 SEP 4:30P

\*\* 2DAY \*\*

**SE SKKA**

06423  
CT-US BDL



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September 28, 2022

Dear Customer,

The following is the proof-of-delivery for tracking number: 770023197068

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**Delivery Information:**

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<b>Status:</b>	Delivered	<b>Delivered To:</b>	Residence
<b>Signed for by:</b>	Signature not required	<b>Delivery Location:</b>	135 HONEY HILL RD
<b>Service type:</b>	FedEx 2Day		
<b>Special Handling:</b>	Deliver Weekday; Residential Delivery		EAST HADDAM, CT, 06423
		<b>Delivery date:</b>	Sep 27, 2022 16:51

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**Shipping Information:**

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<b>Tracking number:</b>	770023197068	<b>Ship Date:</b>	Sep 23, 2022
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**Weight:**

**Recipient:**

Susan Lee Sobeich,  
135 Honey Hill Road  
EAST HADDAM, CT, US, 06423

**Shipper:**

Jake Lehman, AIROSMITH DEVELOPMENT INC.  
318 West Avenue  
Saratoga Springs, NY, US, 12886

**Reference**

ATC GEN EAST 202204

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment because a signature was not required.

Thank you for choosing FedEx

# HONEY HILL RD-CELL#302527

**Location** HONEY HILL RD-CELL#302527

**Mblu** M13/ / L004/ /

**Acct#** 54007700

**Owner** SOBIECH SUSAN LEE

**Assessment** \$149,660

**Appraisal** \$213,800

**PID** 5949

**Building Count** 1

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$51,800	\$162,000	\$213,800

Assessment			
Valuation Year	Improvements	Land	Total
2020	\$36,260	\$113,400	\$149,660

## Owner of Record

**Owner** SOBIECH SUSAN LEE

**Sale Price** \$0

**Co-Owner** C/O AMERICAN TOWERS CORP

**Certificate**

**Address** PO BOX 723587

**Book & Page** 1047/0282

ATLANTA, GA 31139

**Sale Date** 06/06/2018

## Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
SOBIECH SUSAN LEE	\$0		1047/0282	06/06/2018
PORTER SUSAN	\$0		1046/0133	05/07/2018
PORTER DONALD L & SUSAN	\$0		1046/0130	05/07/2018
SOBIECH ZIGFRED & PORTER DONALD L & SI	\$0		0202/0076	09/11/1985

## Building Information

### Building 1 : Section 1

**Year Built:**

**Living Area:** 0

**Replacement Cost:** \$0

**Building Percent Good:**

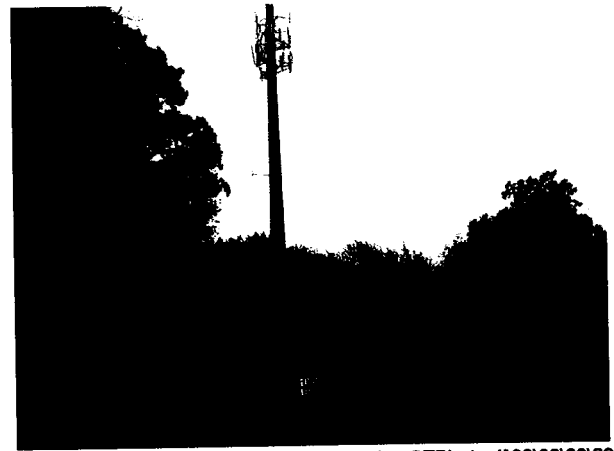


Replacement Cost  
Less Depreciation:

\$0

Building Attributes	
Field	Description
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type	
AC Type	
Bedrooms	
Full Baths	
Half Baths	
Extra Fixtures	
Total Rooms	
Bath Style	
Kitchen Style	
Num Kitchens	
Fireplace(s)	
Extra Openings	
Gas Fireplace(s)	
Bsmnt Garage(s)	
Foundation	
Num Park	
Fireplaces	
Fin Bsmnt	
FBM Quality	
Int Vs Ext	
Fndtn Cndtn	
Basement	

**Building Photo**



(<https://images.vgsi.com/photos/EastHaddamCTPhotos/A0000069129.jpg>)

**Building Layout**

Building Layout

([https://images.vgsi.com/photos/EastHaddamCTPhotos/Sketches/5949\\_51](https://images.vgsi.com/photos/EastHaddamCTPhotos/Sketches/5949_51))

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

**Extra Features**

Extra Features	<u>Legend</u>
No Data for Extra Features	

**Land**

**Land Use**

**Use Code** 522  
**Description** Comm Vac w/ OB  
**Zone** R2  
**Neighborhood** COMM  
**Alt Land Appr** No  
**Category**

**Land Line Valuation**

**Size (Acres)** 0.00  
**Frontage**  
**Depth**  
**Assessed Value** \$113,400  
**Appraised Value** \$162,000

**Outbuildings**

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
TCB	Telecomm Bldg			288.00 UNITS	\$51,800	1

**Valuation History**

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$51,800	\$162,000	\$213,800
2020	\$51,800	\$162,000	\$213,800
2018	\$51,800	\$162,000	\$213,800

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$36,260	\$113,400	\$149,660
2020	\$36,260	\$113,400	\$149,660
2018	\$36,260	\$113,400	\$149,660

**Petition No. 587**  
**Spectrasite Communications**  
**135 Honey Hill Road**  
**East Haddam, Connecticut**  
**October 23, 2002**

On October 15, 2002, Connecticut Siting Council members Colin Tait and Gerry Hefferan and Council staff member David Martin met with Julie Donaldson Kohler of Hurwitz & Sagarin who was representing SpectraSite Communications, which filed a petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is needed for the operation and maintenance of a wireless telecommunication facility located at 135 Honey Hill Road, East Haddam.

The existing facility consists of a 150-foot tall monopole with a 50-foot by 64-foot fenced in enclosure for accessory ground equipment. At the time of the visit, there were no wireless antennas on the pole. However, Nextel has received approval from the Town of East Haddam's Planning and Zoning Commission to locate at the 150-foot level of the monopole. Under this petition, Sprint is seeking Council's approval to share the use of this tower by locating its antennas at the 140-foot level. At the site meeting, Attorney Kohler informed Council representatives that Verizon is also interested in locating on this tower.

This facility was originally approved by the East Haddam Planning and Zoning Commission acting on an application for a Special Exception Permit submitted by Nextel. Following a public hearing held on May 8 and continued to June 12 and June 26, 2001, the Commission voted to approve Nextel's application on July 10, 2001. Nextel received a building permit for the monopole on November 29, 2001. Completion of the tower occurred sometime after July, 2002. Subsequently, Nextel assigned its interests in the facility to SpectraSite.

The facility is located in a rural area with a few residences in the vicinity. Although there are some small trees planted along the enclosure's fence line, woods and vegetation provide good visual screening from the nearest residences. Utilities to the site will come underground from Tater Hill Road, a dirt road approximately 650 feet away from the site. There is also a power right-of-way near the facility; the nearest lines are approximately 150 feet from the tower.

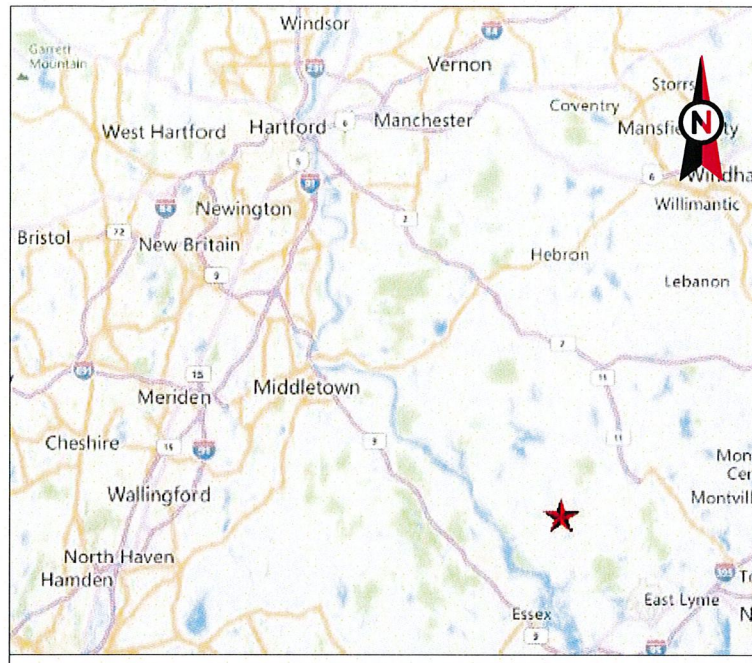
According to propagation maps submitted as part of this petition, this tower would enable Sprint to fill a sizeable service gap in the southern East Haddam area. Using radio frequency data submitted for Nextel and Sprint, Council staff calculates the power density of this facility to be 16.96% of the applicable federal and state standard.

It was the consensus of the Council members present that this facility does not represent a significant, adverse environmental impact.









VICINITY MAP



**AMERICAN TOWER®**

**ATC SITE NAME: EAST HADDAM**  
**SITE NUMBER: 302527**  
**SITE ADDRESS: 135 HONEY HILL ROAD**  
**EAST HADDAM, CT 06423**



LOCATION MAP

**AMERICAN TOWER®**  
**A.T. ENGINEERING SERVICES LLC**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
 PEC.0001553

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 PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	SL	09/21/22

ATC SITE NUMBER:  
**302527**

ATC SITE NAME:  
**EAST HADDAM**

SITE ADDRESS:  
 135 HONEY HILL ROAD  
 EAST HADDAM, CT 06423



Authorized by "EOR"  
 22 Sep 2022 10:04:12



DRAWN BY: SLL  
 DATE DRAWN: 09/21/22  
 ATC JOB NO: 14144952\_M4

**TITLE SHEET**

SHEET NUMBER: **G-001** REVISION: **0**

**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 FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  1. INTERNATIONAL BUILDING CODE (IBC) 2. NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 135 HONEY HILL ROAD EAST HADDAM, CT 06423 COUNTY: MIDDLESEX  <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.43695919 LONGITUDE: -72.36640452 GROUND ELEVATION: 490' AMSL  <u>ZONING INFORMATION:</u> JURISDICTION: EAST HADDAM PARCEL NUMBER: EHDM M:113 L:1004-00036900	THE PROPOSED PROJECT INSTALLS A CONCRETE PAD, AN OPTIONAL STANDBY GENERATOR SYSTEM, AUTOMATIC TRANSFER SWITCH, GENERATOR AUXILIARY POWER DISTRIBUTION, AND REMOTE MONITORING COMMUNICATIONS CIRCUITRY FOR A COMMUNICATION TOWER TENANT.	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT TEAM</u>  <u>ATC REGIONAL NETWORK DEVELOPMENT PROJECT MANAGER:</u> MICHAEL JOYCE (508) 326-5522  <u>ATC NETWORK OPERATIONS CENTER:</u> (877) 518-6937  <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>PROPERTY OWNER:</u> SUSAN L SOBIECH 135 HONEY HILL ROAD EAST HADDAM, CT 06423 <u>ENGINEERED BY:</u> ATC TOWER SERVICES 3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518	<u>PROJECT NOTES</u>  1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	G-001 TITLE SHEET G-002 GENERAL NOTES C-101 SITE PLAN C-501 CONCRETE PAD DETAILS E-601 ELECTRICAL ONE-LINE AND WIRING DETAILS R-601 SUPPLEMENTAL R-602 SUPPLEMENTAL R-603 SUPPLEMENTAL				
	<u>PROJECT LOCATION DIRECTIONS</u>  FROM HARTFORD GET ON I-84 E. FOLLOW CT-2 E TO COLCHESTER. TAKE EXIT 16 FROM CT-2 E. TURN RIGHT ONTO CT-149 S/WESTCHESTER RD. TURN LEFT ONTO PLAINS RD. TURN RIGHT ONTO TOWN ST. TURN LEFT ONTO CT-82 E. TAKE LEFT ONTO HONEY HILL ROAD. DRIVE TO END OF HONEY HILL ROAD, SITE IS NEXT TO CL&P ROW.						



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**GENERAL CONSTRUCTION NOTES:**

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANS/IEA/ITIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
2. 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.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
10. 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.
16. 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 NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE 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:**

1. 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.
3. 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 4500 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".
6. 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.
8. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.
9. DO NOT WELD OR TACK WELD REINFORCING STEEL.
10. 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:  
 A. 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.

19. 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.
22. 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".
23. BAR SUPPORTS SHALL BE ALL-GALVANIZED METAL WITH PLASTIC TIPS.
24. 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:**

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. 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
3. 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.
5. 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 1/2" 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.



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**A.T. ENGINEERING SERVICES LLC**  
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	SL	09/21/22

ATC SITE NUMBER:  
302527

ATC SITE NAME:  
EAST HADDAM

SITE ADDRESS:  
135 HONEY HILL ROAD  
EAST HADDAM, CT 06423

SEAL:



Authorized by "EOR"  
22 Sep 2022 10:04:12



DRAWN BY:	SLL
DATE DRAWN:	09/21/22
ATC JOB NO:	14144952_M4

**GENERAL NOTES**

SHEET NUMBER:	REVISION:
<b>G-002</b>	<b>0</b>



**SITE PLAN NOTES:**

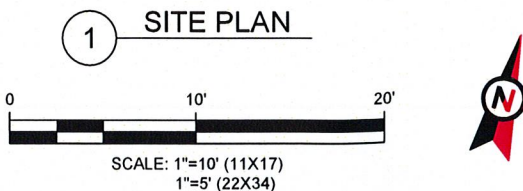
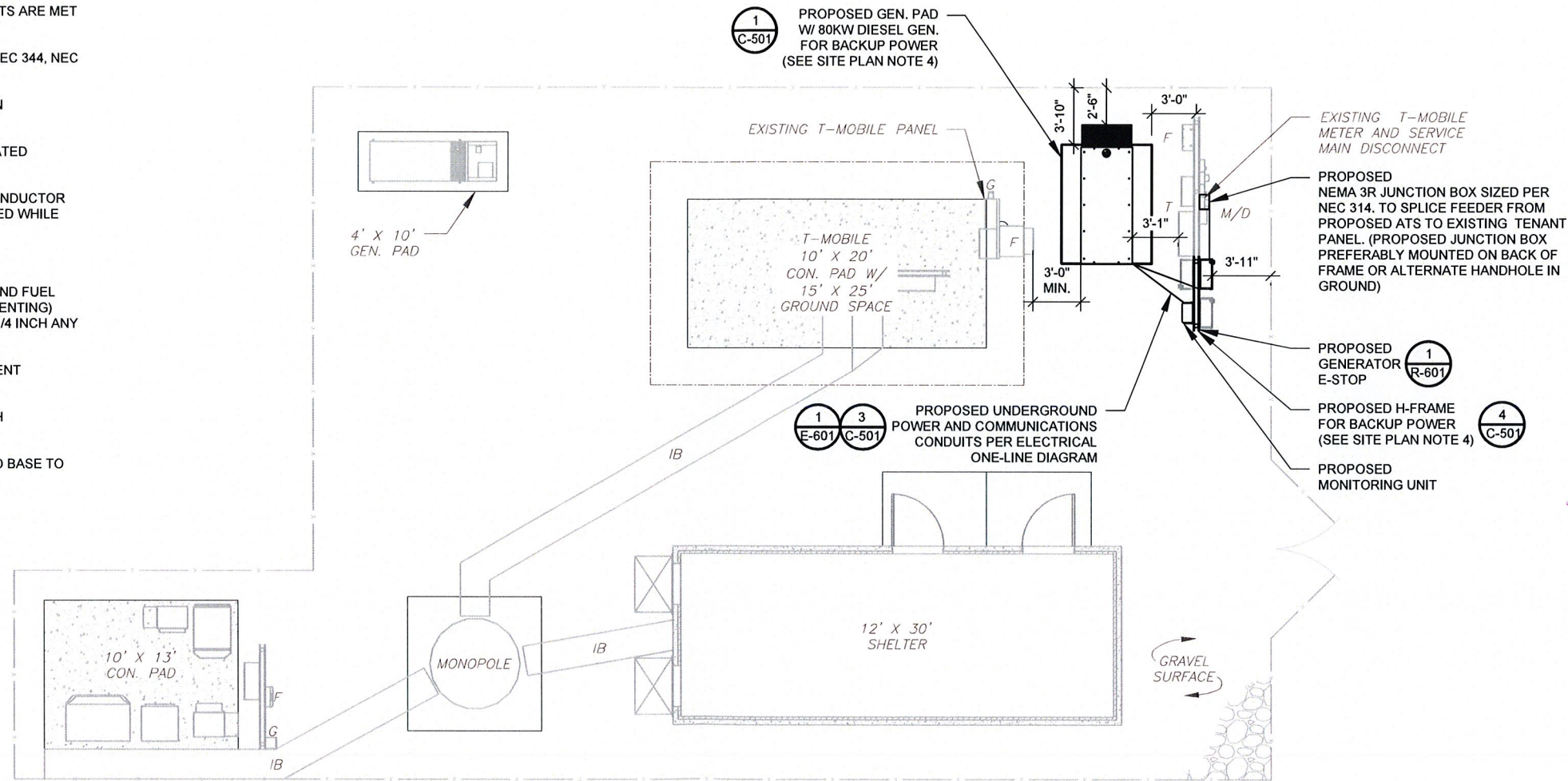
- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE 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.
- 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.
- 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, NEC 352, AND PER ATC CONSTRUCTION SPECIFICATIONS.
- THE FOLLOWING SIGNS SHALL BE INSTALLED AT TENANT SERVICE MAIN DISCONNECT PER NEC 702.7.
  - "CAUTION: TWO SOURCES OF SUPPLY STANDBY GENERATOR LOCATED OUTDOORS"
  - "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 ENTERING GENERATOR STUB UP AREA WITH RODENT RESISTANT CONDUIT SEALANT.
- SEAL ALL CONDUIT ACCESS OPENINGS THROUGH CONCRETE PAD WITH CONCRETE.
- SLOPE GRAVEL BASE AT CONCRETE PAD PERIMETER FROM ABOVE PAD BASE TO EXISTING GRADE LEVEL TYPICAL ALL PERIMETER SIDES.

LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
—	CHAINLINK FENCE

APPROXIMATE TRENCH DISTANCES	
8'	POWER CONDUIT TRENCH



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Authorized by "EOR"  
 22 Sep 2022 10:04:13

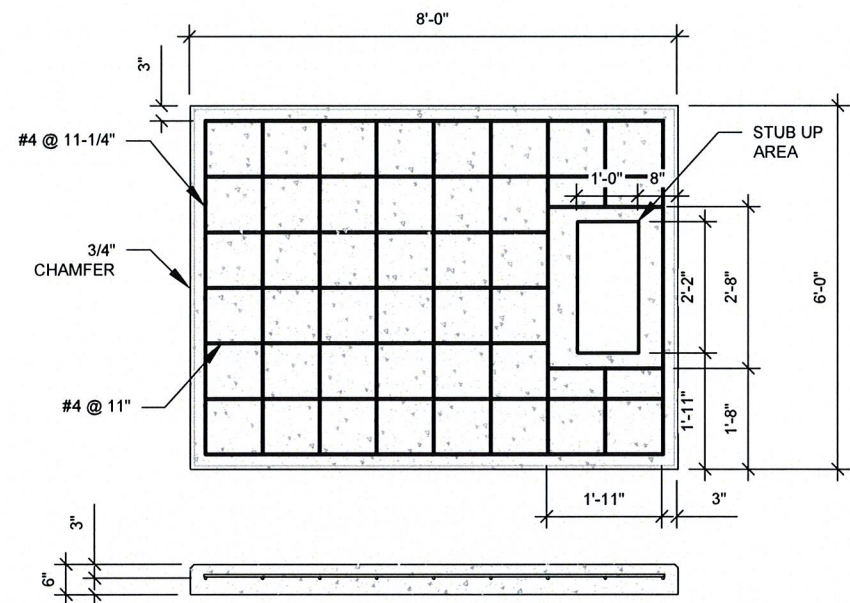
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DRAWN BY:	SLL
DATE DRAWN:	09/21/22
ATC JOB NO:	14144952_M4

**SITE PLAN**

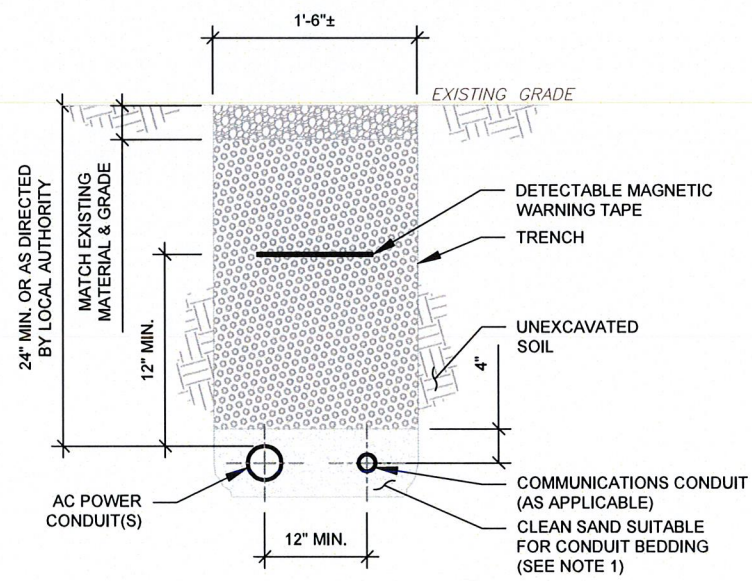
SHEET NUMBER:	REVISION:
C-101	0





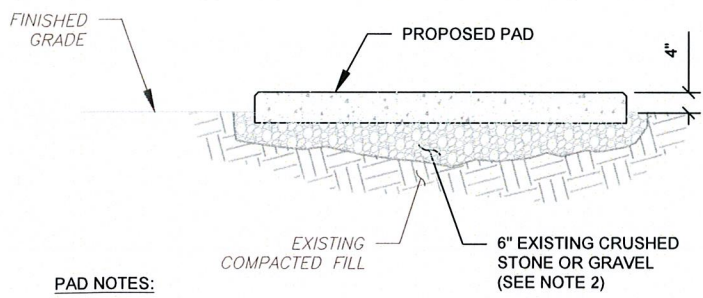
- PAD NOTES:**
- PADS SHALL BE PRE-CAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION.
  - PADS SHALL HAVE A MIN 28 DAY COMPRESSIVE STRENGTH AS SPECIFIED ON G-002, CONCRETE AND REINFORCING STEEL NOTES #3
  - REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET G-002 & ATC CONSTRUCTION SPECIFICATION 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.
  - GROUT SHALL BE PER ATC CONSTRUCTION SPECIFICATION DIVISION 03, CONCRETE.

**1 REINFORCED PAD LAYOUT**  
SCALE: N.T.S.



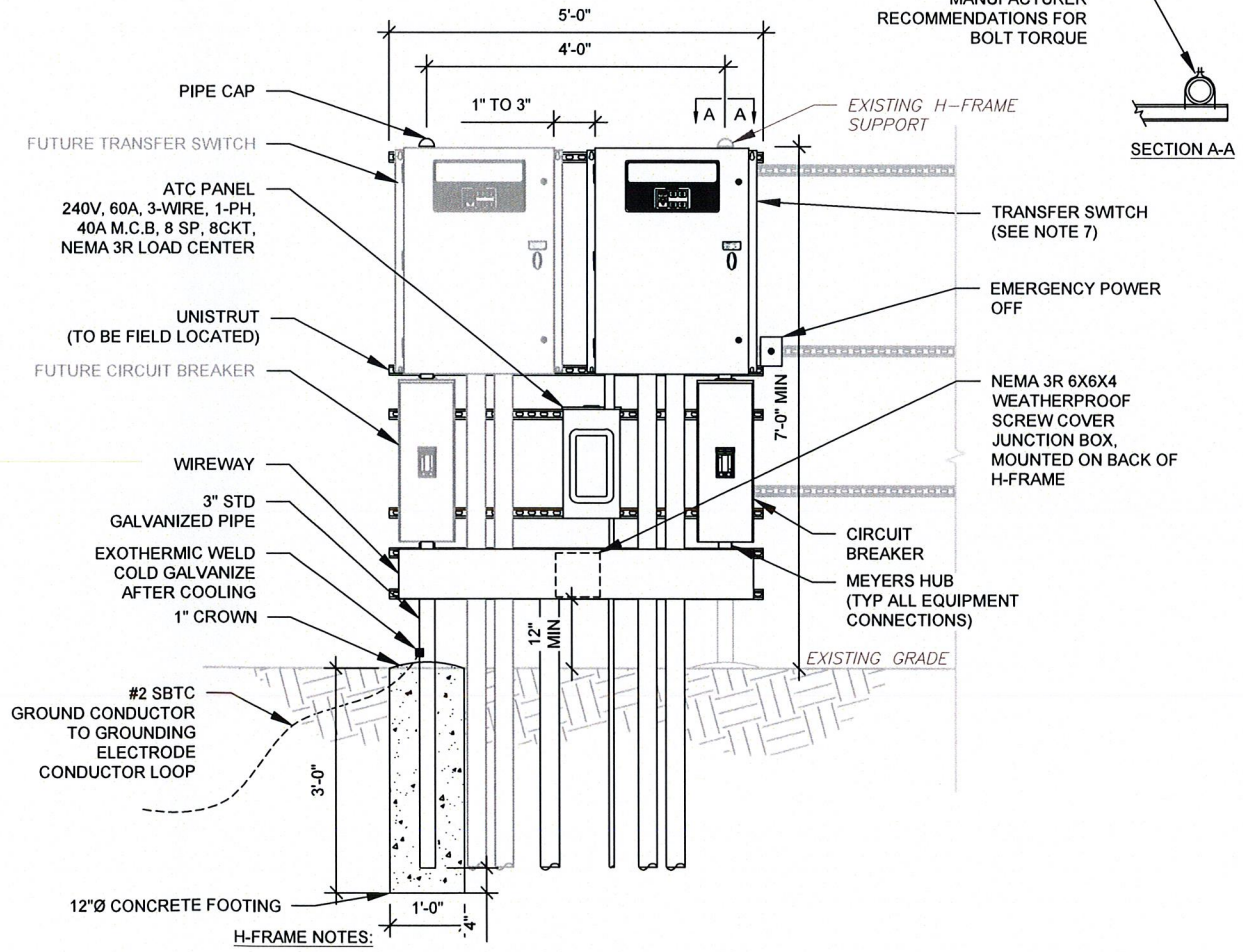
- TRENCH NOTES:**
- IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL.
  - COMPACT IN 8" LIFTS USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING. SEE ATC CONSTRUCTION SPECIFICATION 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

**3 CONDUIT TRENCH DETAILS**  
SCALE: N.T.S.



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

**2 GRAVEL PREPARATION**  
SCALE: N.T.S.



- H-FRAME NOTES:**
- 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.

**4 H-FRAME**  
SCALE: N.T.S.

**AMERICAN TOWER®**  
A.T. ENGINEERING SERVICES LLC  
3500 REGENCY PARKWAY  
SUITE 100  
CARY, NC 27518  
PHONE: (919) 468-0112  
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	SL	09/21/22

ATC SITE NUMBER:  
**302527**

ATC SITE NAME:  
**EAST HADDAM**

SITE ADDRESS:  
135 HONEY HILL ROAD  
EAST HADDAM, CT 06423

SEAL:

Authorized by "EOR"  
22 Sep 2022 10:04:13

DRAWN BY: SLL  
DATE DRAWN: 09/21/22  
ATC JOB NO: 14144952\_M4

**CONCRETE PAD DETAILS**

SHEET NUMBER: **C-501**  
REVISION: **0**



THIS DESIGN ONLY APPLICABLE TO 240V 1 $\phi$  UTILITY SERVICE. FIELD VERIFY UTILITY SERVICE AND IF NOT 240V 1 $\phi$ , HALT CONSTRUCTION AND RE-PROCESS FOR RE-DESIGN

TERMINATE 120/208V OR 120/240V 3-WIRE CIRCUIT ON GENERATOR WIRING TERMINAL STRIP. VERIFY OR INSTALL AS FOLLOWS:  
 1. BATTERY CHARGER - PRE-WIRED ON ONE 120V CIRCUIT.  
 2. BLOCK HEATER - HARD WIRED 120V CIRCUIT

EXISTING METER SOCKET WITH TENANT CIRCUIT BREAKER SERVICE ENTRANCE RATED.

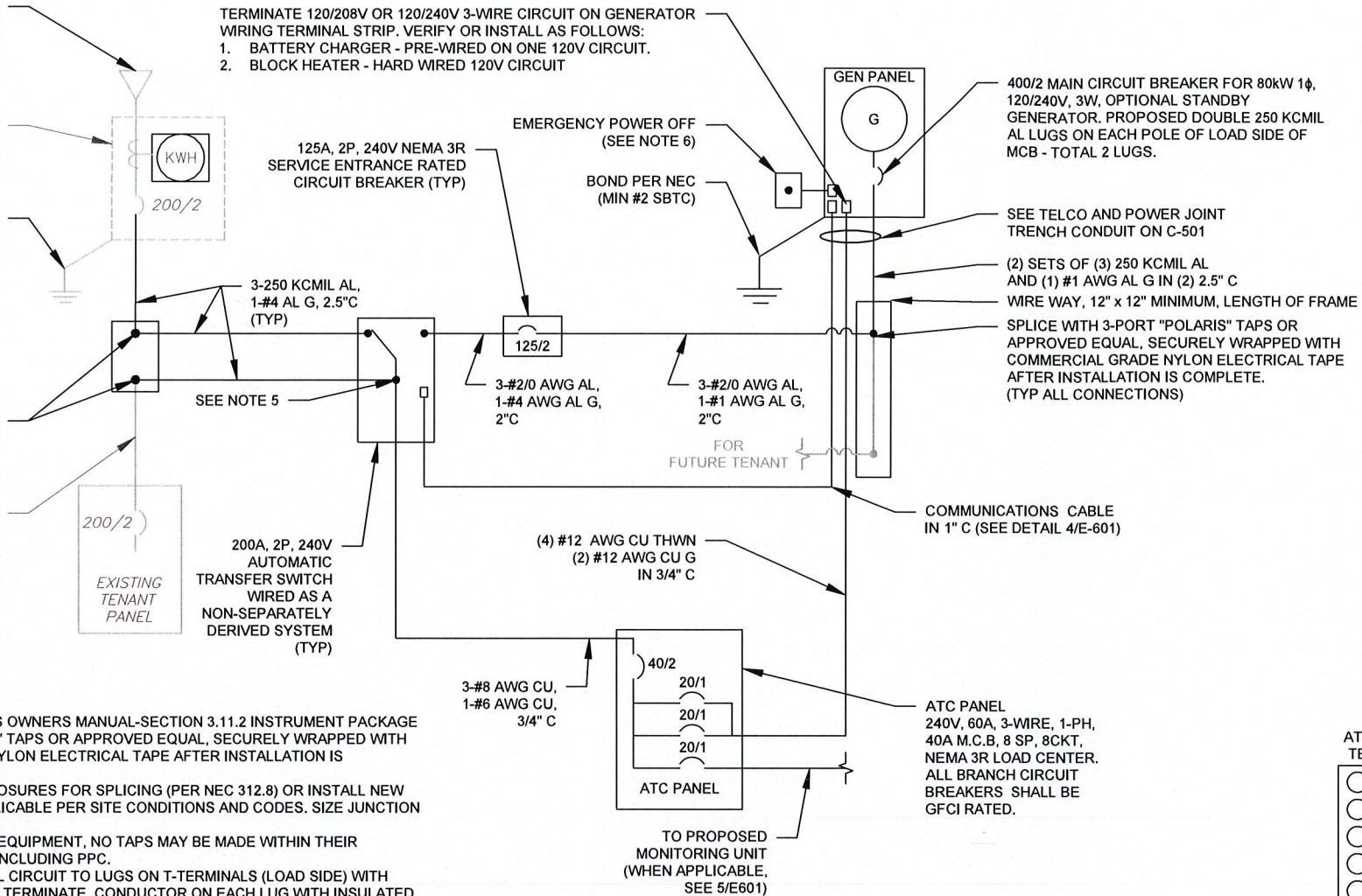
VERIFY GROUND PER NEC (MIN #2 SBTC)

14"X20"X6" JUNCTION BOX. SPLICE OR FEED THROUGH AS REQUIRED (SEE NOTES 2 AND 3)

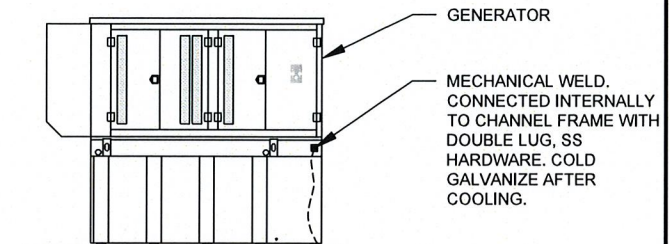
UN-TERMINATE EXISTING AT TENANT SERVICE MAIN, PULL BACK INTO PROPOSED SERVICE MAIN AND SPLICE AS SPECIFIED.

**ONE-LINE NOTES:**

- CONNECT CT'S PER HTS OWNERS MANUAL-SECTION 3.11.2 INSTRUMENT PACKAGE
- SPLICE WITH "POLARIS" TAPS OR APPROVED EQUAL, SECURELY WRAPPED WITH COMMERCIAL GRADE NYLON ELECTRICAL TAPE AFTER INSTALLATION IS COMPLETE.
- UTILIZE EXISTING ENCLOSURES FOR SPLICING (PER NEC 312.8) OR INSTALL NEW JUNCTION BOX AS APPLICABLE PER SITE CONDITIONS AND CODES. SIZE JUNCTION BOX AS PER NEC 314.28
- IF TAPPING AT TENANT EQUIPMENT, NO TAPS MAY BE MADE WITHIN THEIR EXISTING EQUIPMENT, INCLUDING PPC.
- TAP GENERATOR PANEL CIRCUIT TO LUGS ON T-TERMINALS (LOAD SIDE) WITH AUXILIARY TAP SCREW. TERMINATE CONDUCTOR ON EACH LUG WITH INSULATED RING TERMINAL PROPERLY SIZED.
- EMERGENCY POWER OFF PUSHBUTTON IN WEATHERPROOF ENCLOSURE FOR REMOTE SHUTDOWN OF GENERATOR ENCLOSURE. FURNISHED BY GENERATOR MANUFACTURER AND INSTALLED BY CONTRACTOR. CONNECT TO Y TERMINALS LOCATED NEAR TB2 VIA 2#18 AWG WIRES IN 1/2" LFMC.



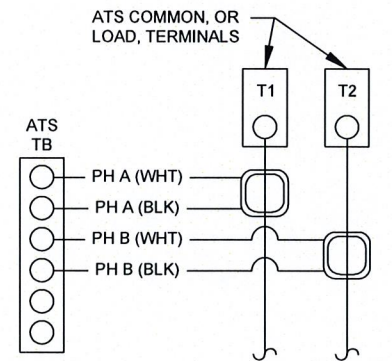
**1 ELECTRICAL ONE-LINE DIAGRAM**  
SCALE: NOT TO SCALE



**GENERATOR INSTALLATION NOTE:**  
 INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESSORIES FOR THE EXHAUST SYSTEM, FUEL SYSTEM, ENCLOSURE INTEGRITY (CAPS, PLUGS, COVERS, ETC.), ELECTRICAL CONNECTIONS, AND GROUNDING CONNECTIONS.

**2 GENERATOR GROUNDING**  
SCALE: NOT TO SCALE

DEMAND LOAD CALCULATION	
GENERATOR LOADS	2.5 KW
TENANT PANEL DEMAND LOADS	25.0 KW
TOTAL DEMAND LOADS (KW)	27.5 KW
TOTAL DEMAND CURRENT (A)	114.5 A
AT 120/240V, 1PH, 3W	

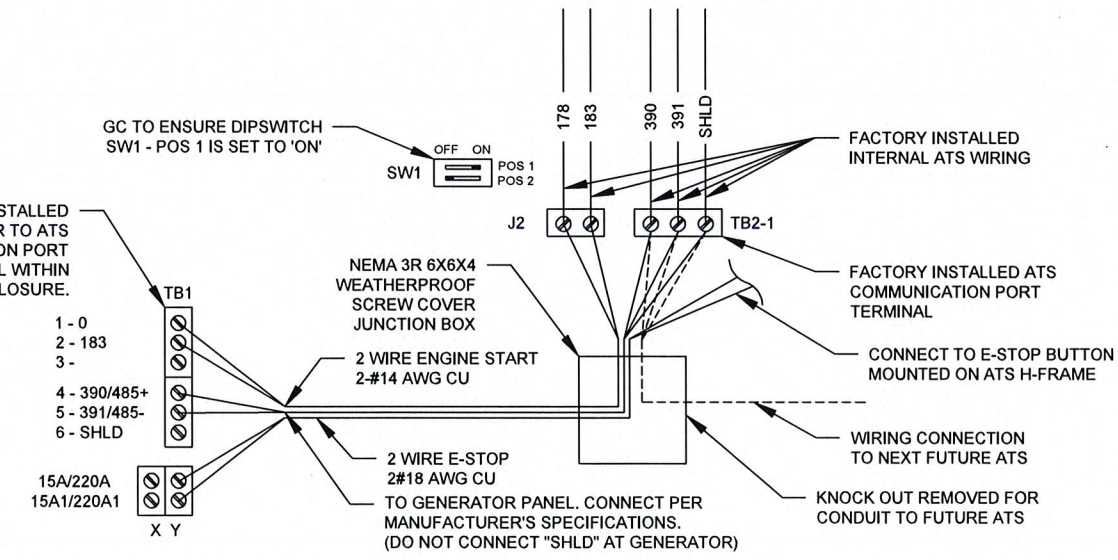


**3 CT WIRING DIAGRAM**  
SCALE: NOT TO SCALE

- CT NOTES:**
- CT'S FURNISHED BY GENERATOR MANUFACTURER WITH LEAD WIRE OPTION, 200:1 AMP RATIO.
  - WIRING SHOWN FOR SINGLE PHASE TENANT LOAD ON PHASES A-B. ADJUST ACCORDINGLY FOR INDIVIDUAL SITES THAT ARE BALANCING THREE PHASE SERVICES.
  - 1-PHASE: MOUNT ONE CT WITH WHITE DOT FACING AWAY FROM, AND OTHER CT WITH WHITE DOT FACING TOWARDS, THE ATC TERMINAL CONNECTIONS
  - 3-PHASE: MOUNT ALL CT'S WITH WHITE DOTS ALL FACING AWAY FROM THE ATC TERMINAL CONNECTIONS

**NOTES:**

- INSTALL NETWORK OPERATING CENTER (NOC) MONITORING COMMUNICATION SYSTEM (RMC-700) ON MAIN UTILITY H-FRAME. THE RMC-700 IS FURNISHED BY ATC, COMPLETE WITH MOUNTING BRACKETS.
- INSTALL EXTERNAL ANTENNA KIT (FURNISHED BY ATC). ANTENNA MOUNTS TO KENTROX ENCLOSURE OR MOUNTED TO H-FRAME. FEED CABLE THROUGH RMC-700 ENTRY PORT #3 AND CONNECT TO ANTENNA PORT TX/RX. HAND TIGHTEN ONLY. LEAVE POWER AND DATA CABLES IN RMC-700 UNCONNECTED FOR COMMISSIONING TEAM
- BRANCH CIRCUIT WIRING FOR MONITORING DEVICE SHALL BE 2-#12 AWG CU, 1-#12 AWG CU G, IN 3/4" C.



**4 COMMUNICATIONS CABLE DETAIL**  
SCALE: NOT TO SCALE

**5 PROPOSED MONITORING**  
SCALE: NOT TO SCALE

**AMERICAN TOWER®**  
**A.T. ENGINEERING SERVICES LLC**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
 PEC.0001553

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ATC SITE NUMBER:  
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Authorized by "EOR"  
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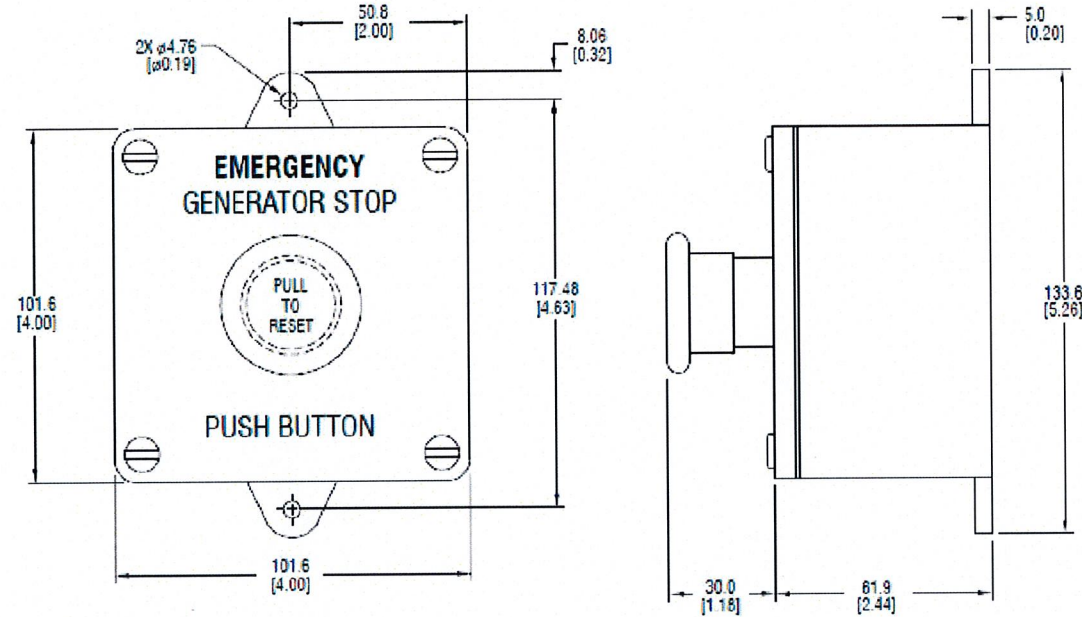
DRAWN BY:	SL
DATE DRAWN:	09/21/22
ATC JOB NO:	14144952_M4

**ELECTRICAL ONE-LINE AND WIRING DETAILS**

SHEET NUMBER: **E-601**      REVISION: **0**



### REMOTE EMERGENCY STOP SWITCH SURFACE MOUNT, H-PANEL



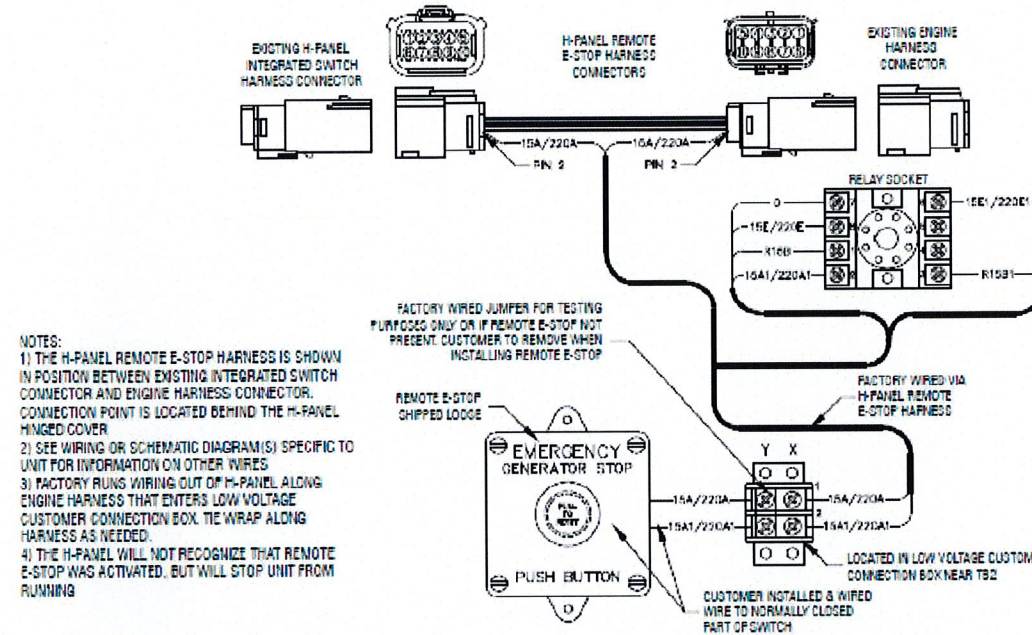
- MANUFACTURER: PILLA ELECTRICAL PRODUCTS, INC.
- MODEL SG120
- GENERAC PART NUMBER 081120E
- SURFACE MOUNT, NEMA 4X
- NONMETALLIC BACKBOX

DIMENSIONS: mm[INCHES]

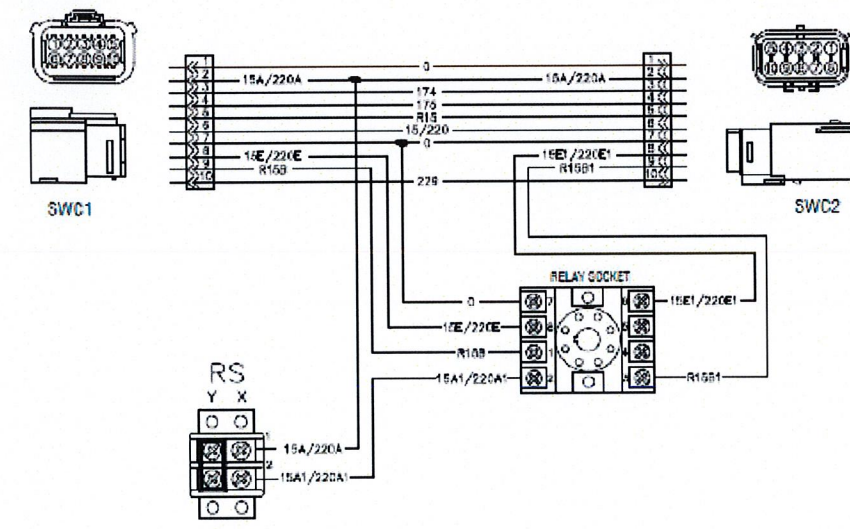
GENSET CONTROLS  
1 OF 2

1 E-STOP SWITCH

### REMOTE EMERGENCY STOP SWITCH SURFACE MOUNT, H-PANEL



- NOTES:
- 1) THE H-PANEL REMOTE E-STOP HARNESS IS SHOWN IN POSITION BETWEEN EXISTING INTEGRATED SWITCH CONNECTOR AND ENGINE HARNESS CONNECTOR. CONNECTION POINT IS LOCATED BEHIND THE H-PANEL HINGED COVER
  - 2) SEE WIRING OR SCHEMATIC DIAGRAM(S) SPECIFIC TO UNIT FOR INFORMATION ON OTHER WIRES
  - 3) FACTORY RUNS WIRING OUT OF H-PANEL ALONG ENGINE HARNESS THAT ENTERS LOW VOLTAGE CUSTOMER CONNECTION BOX. TIE WRAP ALONG HARNESS AS NEEDED.
  - 4) THE H-PANEL WILL NOT RECOGNIZE THAT REMOTE E-STOP WAS ACTIVATED, BUT WILL STOP UNIT FROM RUNNING



GENSET CONTROLS  
2 OF 2

SUPPLEMENTAL

SHEET NUMBER:  
**R-601**

REVISION:  
**0**

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**SD080 | 4.5L | 80 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency



**STANDBY POWER RATING**  
 80 kW, 100 kVA, 60 Hz

**PRIME POWER RATING\***  
 72 kW, 90 kVA, 60 Hz

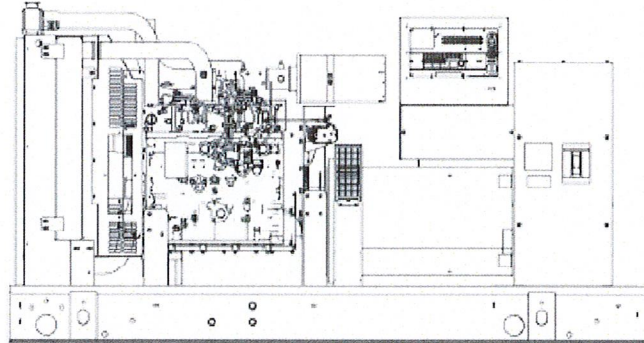


Image used for illustration purposes only



\*Built in the USA using domestic and foreign parts.  
 \*EPA Certified Prime ratings are not available in the U.S. or its Territories.  
 \*\*Certain options or customization may not hold certification valid.

**CODES AND STANDARDS**

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL498

NFPA70, 99, 110, 37

NEC700, 701, 702, 708

ISO9001, 8528, 3046, 7637, Pluses #2b, 4

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI 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.

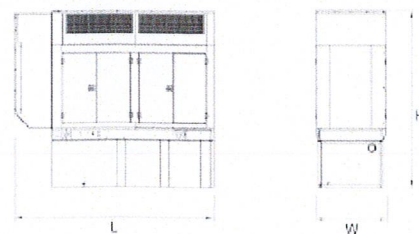
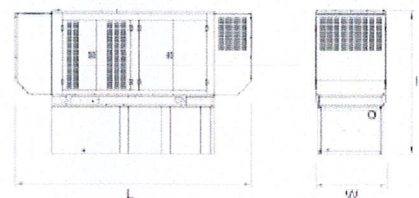
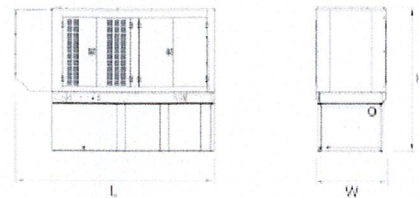
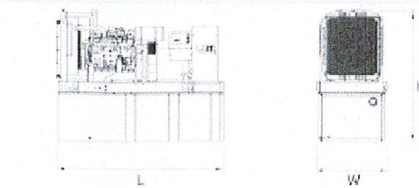
Generac searched globally to ensure the most reliable engine power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

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

**SD080 | 4.5L | 80 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency



**DIMENSIONS AND WEIGHTS\***



YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

**OPEN SET**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) Tank & Open Set	
			Steel	Aluminum
NO TANK	-	33 (2362.2) x 40 (1016) x 49 (1244.6)	2425 (1100)	-
13	79 (299)	33 (2362.2) x 40 (1016) x 62 (1574.8)	2947 (1337)	-
30	189 (715.4)	33 (2362.2) x 40 (1016) x 74 (1879.6)	3183 (1444)	-
48	300 (1135.6)	33 (2362.2) x 40 (1016) x 86 (2184.4)	3407 (1545)	-
56	350 (1325)	110 (2734) x 40 (1016) x 86 (2184.4)	NA	-
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 86 (2184.4)	3190 (1419)	-
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 86 (2184.4)	4269 (1936)	-

**STANDARD ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 56 (1422.4)	-	-
13	79 (299)	112 (2844.8) x 41 (1041.4) x 69 (1752.6)	-	-
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 81 (2057.4)	-	-
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)	425 (193)	155 (70)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)	-	-
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 93 (2362.2)	-	-
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 93 (2362.2)	-	-

**LEVEL 1 ACOUSTIC ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) Enclosure Only	
			Steel	Aluminum
NO TANK	-	130 (3302) x 41 (1041.4) x 66 (1676.4)	-	-
13	79 (299)	130 (3302) x 41 (1041.4) x 69 (1752.6)	-	-
30	189 (715.4)	130 (3302) x 41 (1041.4) x 81 (2057.4)	-	-
48	300 (1135.6)	130 (3302) x 41 (1041.4) x 93 (2362.2)	450 (204)	285 (129)
56	350 (1325)	130 (3302) x 41 (1041.4) x 93 (2362.2)	-	-
81	510 (1930.5)	130 (3302) x 47 (1193.8) x 93 (2362.2)	-	-
93	589 (2229.6)	130 (3302) x 49 (1244.6) x 93 (2362.2)	-	-

**LEVEL 2 ACOUSTIC ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 69 (1752.6)	-	-
13	79 (299)	112 (2844.8) x 41 (1041.4) x 82 (2082.6)	-	-
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 94 (2397.6)	-	-
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)	626 (284)	395 (180)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)	-	-
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 106 (2692.4)	-	-
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 106 (2692.4)	-	-

\*All measurements are approximate and for estimation purposes only. Sound dBA can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

Decibelization 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.

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Part No. DK5092  
 Rev. F 01/26/17

SPEC SHEET

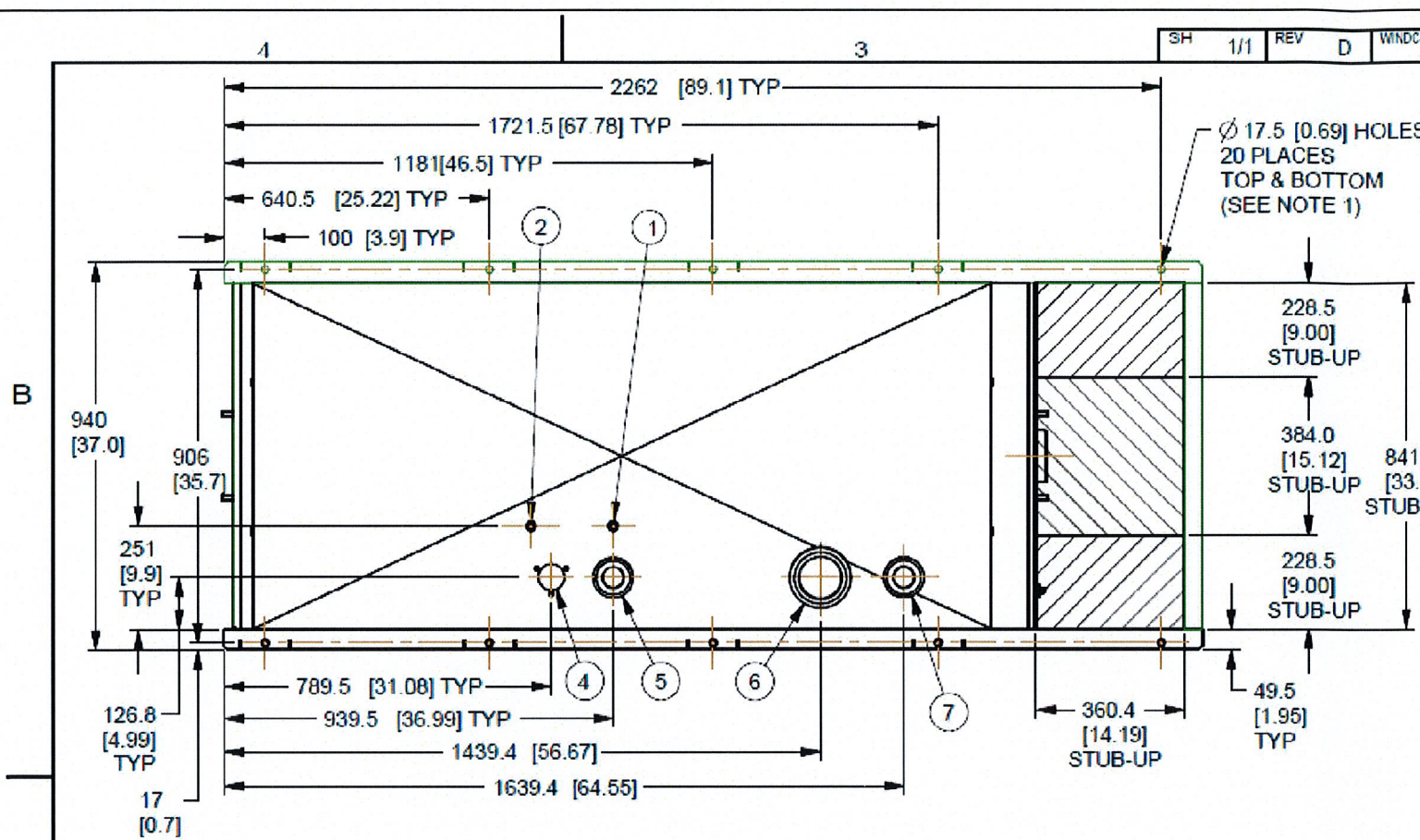
1 OF 6

SPEC SHEET

6 OF 6

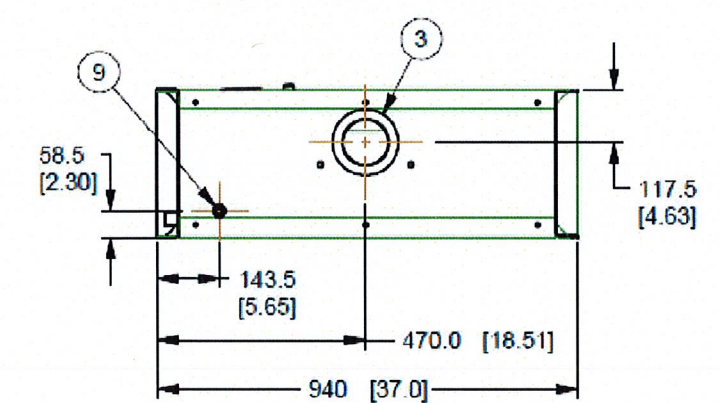
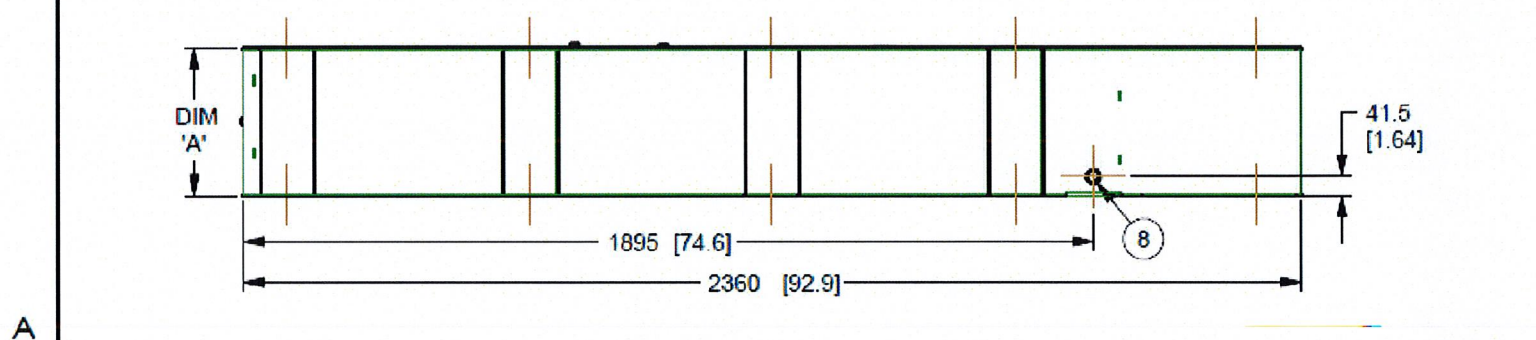
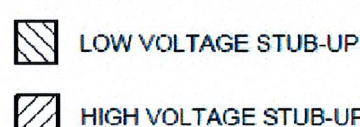


I/N	TANK FITTING	FUNCTION
1	3/8" NPT COUPLING	FUEL SUPPLY
2	3/8" NPT COUPLING	FUEL RETURN
3	4" NPT WELD FLANGE	EMERGENCY VENT
4		FUEL VENT
5	2" NPT WELD FLANGE	FUEL FILL
6	4" NPT WELD FLANGE	EMERGENCY VENT (INNER)
7	2" NPT WELD FLANGE	VENT
8	3/4" NPT COUPLING	DRAIN
9	Ø 22 MM HOLE	LEAK DETECTOR



CAPACITY SHOWN: LITER [GALLONS]  
 WEIGHT SHOWN: KILOGRAMS [POUNDS]  
 LENGTH SHOWN: MM [INCH]  
 UL #142 LISTED  
 ULC-S601 LISTED

NOTES:  
 1. MOUNTING BOLTS OR STUDS TO MOUNT BASETANK TO CONCRETE SHALL BE 5/8-11 GRADE 5. (USE STANDARD SAE TORQUE SPECS)



TANK P/N	OJ18430ST03	OJ18440ST03	OJ18450ST03
DIM 'A'	330 [13]	635 [25]	940 [37]
TOTAL TANK CAPACITY	318 [84]	734 [194]	1154 [305]
USABLE TANK CAPACITY	299 [79]	716 [189]	1134 [300]
DRY WEIGHT (EST)	237 [522]	344 [758]	445 [982]



TITLE			
INSTALL B-GROUP BASETANKS			
ISSUE DATE: 02/04/11			
SIZE	CAGE NO	DWG NO	REV
B	N/A	OJ4211	D
SCALE	0.075	WT-KG	240.954
SHEET		1 of 1	

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

# INSTALLATION DRAWING

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ELECTRONICALLY APPROVED  
INSIDE WINDCHILL

① TANK

SUPPLEMENTAL

SHEET NUMBER: R-603  
 REVISION: 0