



May 31, 2023

VIA ELECTRONIC AND FEDERAL EXPRESS

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

New Cingular Wireless PCS, LLC (“AT&T”)  
Notice of Exempt Modification  
Emergency Back-up Generator  
107 Stickney Hill Road, Union, CT 06076  
Lat.: 41.98538110; Long.: -072.19216610

Dear Ms. Bachman:

This letter and enclosures are respectfully submitted on behalf of New Cingular Wireless PCS, LLC (“AT&T”). AT&T currently maintains its wireless telecommunications facility on the existing tower located at 107 Stickney Hill Road in the Town of Union, Connecticut. The underlying property is owned by Margaret M. Harrison and tower is owned by American Towers Corp. AT&T submits this letter and enclosures to the Connecticut Siting Council (“Council”) to notify the Council of AT&T’s intent to perform modifications to the existing facility that do not have substantial adverse environmental effects and thus do not require a certificate pursuant to Section 16-50k of the Connecticut General Statutes.

AT&T intends to install one (1) new Generac 30kW Diesel Generator within the existing grade-level fenced equipment compound as demonstrated on the plans enclosed as Attachment 1. AT&T’s existing facility supports its FirstNet program which provides first responders with priority access to AT&T’s network to ensure adequate communication capabilities in the event of emergency. AT&T’s proposed generator will ensure that critical communication capability for first responders and the public are not lost in the event of a loss of power.

AT&T’s proposed generator will also advance the State’s goal of natural disaster and emergency preparedness. As discussed in the Council’s Docket 432 Findings and Report and Docket 440 proceedings and Findings of Fact (Nos. 76- 77), in response to two significant storm events in 2011, the State formed a Two Storm Panel (the “Panel”) that evaluated Connecticut’s approach to planning and mitigation of impacts associated with emergencies and natural disasters. The Panel found that “wireless telecommunications service providers were not prepared to serve residential and business customers during a power outage” because certain companies had limited backup generator capacity.

# GDIT

The Panel also noted that “[t]he failure of a large portion of Connecticut’s telecommunications system during the two storms is a life safety issue.” The Panel recommended that State regulatory bodies review “telecommunications services currently in place to verify that the vendors have sufficient generator and backhaul capacity to meet the emergency needs of consumers and businesses” and that the “Connecticut Siting Council should require continuity of service plans for any cellular tower to be erected.” The planned modifications will ensure continuity of services by reinforcing AT&T’s backup power and backhaul capacity to meet the emergency needs of first responders, consumers, and businesses in the event of a power outage.

The planned modifications to the facility fall squarely within the activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2) as the planned modifications:

- Will not result in an increase in the height of the existing structure;
- Will not require the extension of the site boundary;
- Will not increase noise levels at the facility by more than six decibels or more, or to levels that exceed state or local criteria since emergency backup generators are exempt from noise regulations as “noise created as a result of, or relating to, an emergency”;
- Will not increase radio frequency emission at the facility to a level at or above the Federal Communications Commission safety standards;
- Will not cause a change or alteration in the physical or environmental characteristics of the site; and
- Will not impair the structural integrity of the facility.

This modification complies with the aforementioned approval. AT&T’s proposed modification will maintain compliance with any relevant conditions these original approvals and any other subsequent approvals. The proposed modifications will have no impact on the existing tower structure itself or the radiofrequency emissions as the proposed modifications only consist of the addition of one new generator within the grade-level equipment compound. Thus, AT&T respectfully requests a waiver from submission of information relating to the existing tower structure or the radio-frequency emissions.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73 for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-73. In accordance with R.C.S.A.

§ 16-50j-73, a copy of this letter and enclosure are being sent to David Eaton, Town of Union First Selectman, Lee Ann Fitzgerald, Planning & Zoning, and Property and Tower Owners as stated above. Certification of Service is enclosed as Attachment 3.



For the foregoing reasons, AT&T respectfully submits that the proposed modification to the above referenced wireless telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Very truly yours

*Catherine Conklin*

Catherine Conklin, Site Acquisition Specialist  
General Dynamics Wireless Services  
2586 Industry Lane, Suite 100  
Norristown, PA 19403  
(202) 568-0437  
[catherine.conklin@gdit.com](mailto:catherine.conklin@gdit.com)

**GENERAL DYNAMICS**  
Information Technology

CC:

David Eaton, First Selectman  
Town Hall  
1043 Buckley Highway  
Union, CT 06076  
(860) 684-3812

Lee Ann Fitzgerald, Planning & Zoning  
Town Hall  
1043 Buckley Highway  
Union, CT 06076  
(860) 684-3812

Margaret M. Harrison, Property Owner  
145 Mihaliak Road  
Willington, CT 06279  
(860) 684-4686

American Towers Corp., Tower Owner via email

# ATTACHMENT 1



# at&t Mobility

**SITE NAME: UNION-STICKNEY HILL**  
**FA LOCATION CODE: 10035011**  
**ATC SITE #: CT-209144**

**GENERATOR PROJECT**  
**30KW GENERAC DIESEL GENERATOR**  
**200A GENERAC ATS**

**107 STICKNEY HILL ROAD**  
**UNION, CT 06076**



PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.

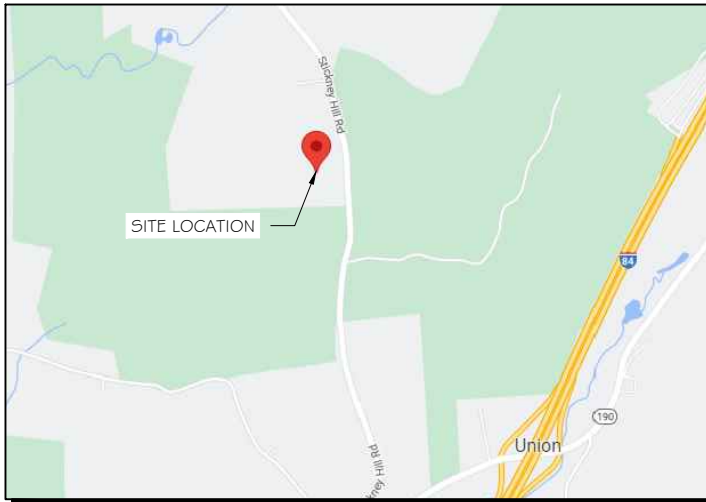
GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:  
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



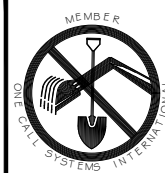
 5/31/2023  
Date:

## VICINITY MAP



## SCOPE OF WORK

ADD STANDBY GENERATOR, ASSOCIATED CONCRETE PAD, AND UTILITY EQUIPMENT TO EXISTING AT&T EQUIPMENT AREA. THERE WILL BE NO CHANGE IN THE SIZE OR HEIGHT OF THE TOWER OR ANTENNAS.



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN CONNECTICUT

**CALL BEFORE YOU DIG**  
**811 OR 1-800-922-4455**

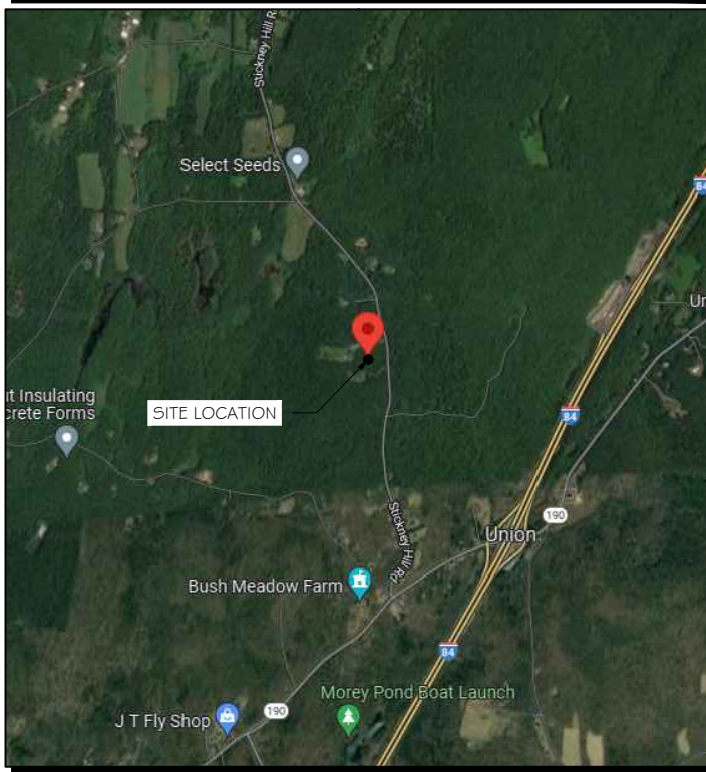
CONNECTICUT PUBLIC ACT 87-71 REQUIRES MIN. 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

## APPLICABLE BUILDING CODE & STANDARDS

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE GOVERNING LOCAL AUTHORITIES. NOTHING IN THESE PLANS ARE TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. INTERNATIONAL BUILDING CODE 2021
2. NATIONAL ELECTRIC CODE 2020
3. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION
5. TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL TOWER AND ANTENNA SUPPORTING STRUCTURES
6. TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

## AERIAL VIEW OF SITE



## PROJECT INFORMATION

### PROJECT MANAGER:

MATTHEW HIGGINS  
GENERAL DYNAMICS WIRELESS SERVICES  
101 STATION DRIVE  
WESTWOOD, MA 02090  
EMAIL: Matthew.Higgins@GDIT.com

### ENGINEER:

RAMAKER & ASSOCIATES, INC.  
855 COMMUNITY DRIVE  
SAUK CITY, WI 53583  
PH.: (608) 643-4100  
FAX: (608) 643-7999  
CONTACT: TYLER BEATTY  
EMAIL: tbeatty@ramaker.com

### APPLICANT INFORMATION:

AT&T MOBILITY  
7150 STANDARD DR  
HANOVER, MD 21076

### SITE DATA:

SITE NAME: UNION-STICKNEY HILL  
FA NUMBER: 10035011

### PROPERTY OWNER:

AMERICAN TOWER CORPORATION  
10 PRESIDENTIAL WAY  
WOBURN, MA 01801

### ADDRESS:

107 STICKNEY HILL ROAD  
UNION, CT 06076

COUNTY: TOLLAND COUNTY

LAT.: 41.985381°  
LONG.: -72.192166°

GROUND ELEVATION: 1,245 FT AMSL

### DO NOT SCALE DRAWINGS:

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

## SHEET INDEX

### GENERAL:

T-1 TITLE SHEET

### NOTES:

N-1 GENERAL NOTES

### SITE:

A-1 SITE PLAN  
A-2 SITE PLAN & EQUIPMENT LAYOUT  
S-1 FOUNDATION DETAILS

### ELECTRICAL & GROUNDING:

E-1 WIRING DETAILS  
E-2 PANEL AND PENETRATION DETAILS  
E-3 ATS, CONDUIT & GROUND ROD DETAILS  
E-4 GENERAC GENERATOR SPECIFICATIONS  
E-4.1 GENERAC GENERATOR SPECIFICATIONS  
E-4.2 GENERAC GENERATOR SPECIFICATIONS  
E-5 GENERAC ATS SPECIFICATIONS  
E-5.1 GENERAC ATS SPECIFICATIONS

## SIGNATURE BLOCK

AT&T MGR. \_\_\_\_\_ DATE \_\_\_\_\_

GENERAL DYNAMICS  
CONSTRUCTION MGR. \_\_\_\_\_ DATE \_\_\_\_\_

SITE ACQUISITION \_\_\_\_\_ DATE \_\_\_\_\_

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:

**UNION-STICKNEY HILL**  
**FA ID # 10035011**

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

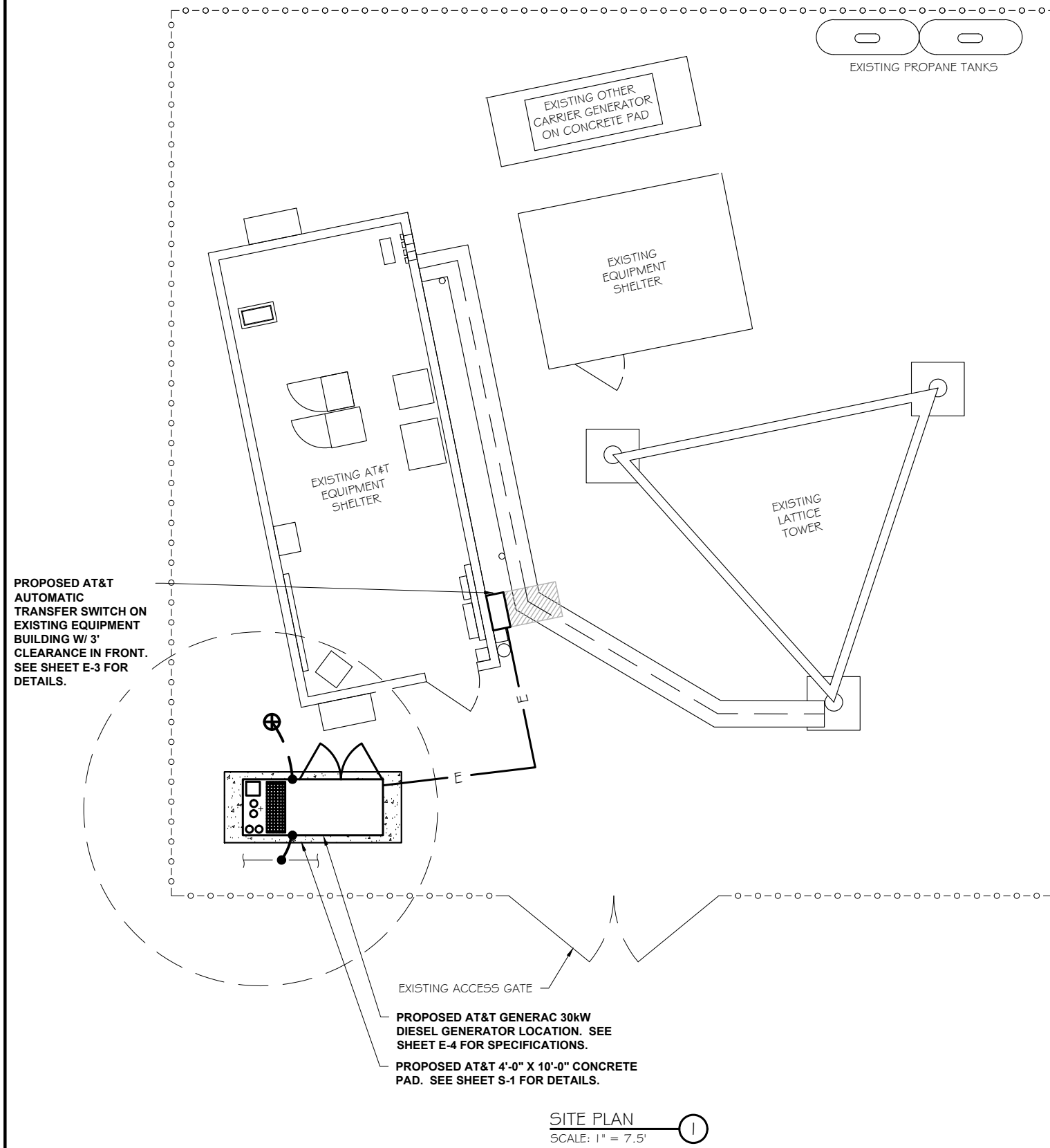
SHEET TITLE:  
**TITLE SHEET**

SCALE: NONE

PROJECT NUMBER 57144  
SHEET NUMBER T-1







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employee-owned  
(608) 643-4100 [www.ramaker.com](http://www.ramaker.com)

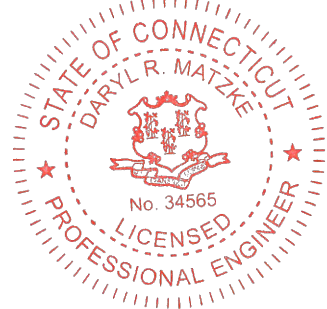
PREPARED FOR:



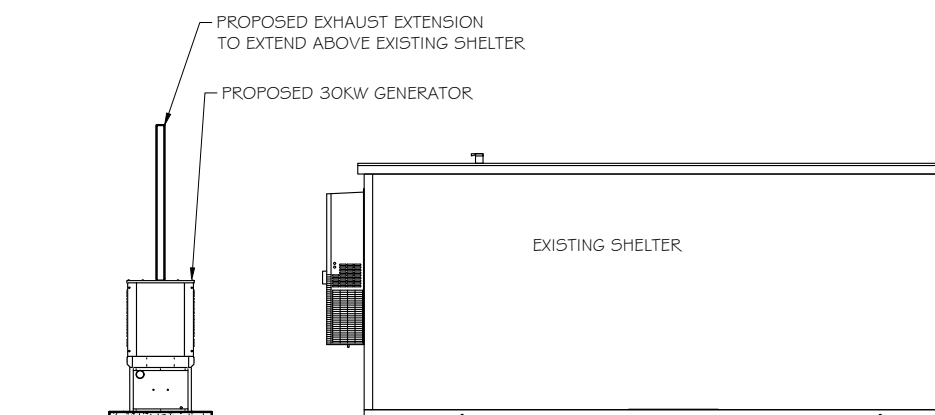
CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.  
GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



Signature: \_\_\_\_\_ Date: 5/31/2023



EXHAUST EXTENSION DETAILS

SCALE: N/A

2

MARK	DATE	DESCRIPTION			
ISSUE PHASE	FINAL	DATE ISSUED	05/31/2023		
PROJECT TITLE:					
UNION-STICKNEY HILL FA ID # 10035011					
PROJECT INFORMATION:					
107 STICKNEY HILL ROAD UNION, CT 06076					
SHEET TITLE:					
SITE PLAN					
PROJECT NUMBER		57144			
SHEET NUMBER		A-1			

SCOPE OF WORK DETAILS

- GENERAL:
- NEW GENERAC DIESEL GENERATOR PROVIDED BY GENERAL DYNAMICS & INSTALLED BY GENERAL CONTRACTOR, SEE E-4.
  - NEW 4'-0" X 10'-0" CONCRETE PAD PROVIDED & INSTALLED BY GENERAL CONTRACTOR (AS REQUIRED) SEE S-1
  - NEW GENERAC AUTOMATIC TRANSFER SWITCH PROVIDED BY GENERAL DYNAMICS & INSTALLED BY CONTRACTOR (AS REQUIRED) SEE E-3 & E-5.
  - CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION
  - CONTRACTOR SHALL RESTORE & REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION

- CONDUITS:
- INSTALL PULL STRING IN EACH CONDUIT
  - (1) NEW 2" AND (1) NEW 1" ELECTRICAL CONDUITS WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3.
  - (1) NEW 1" ELECTRICAL CONDUIT WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO AC PANEL. CONDUIT PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3.
  - (1) NEW 1" ALARM CONDUIT & CABLING PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3.

- GROUNDING:
- NEW EXOTHERMIC CONNECTION FROM EXISTING GROUND RING TO NEW MECHANICAL CONNECTION AT GENERATOR CHASSIS. GENERAL CONTRACTOR TO VERIFY LOCATION IN FIELD. LOCATE GROUND RODS NO MORE THAN 8'-0" APART.

10'-0" EXHAUST RADIUS

#2 AWG SOLID TINNED COPPER GROUND WIRE TO PROPOSED GROUND ROD, GROUND GENERATOR PER MFG. SPECS. SEE DETAIL 2/E-3.

PROPOSED AT&T GENERAC 30KW DIESEL GENERATOR LOCATION. SEE SHEET E-4 FOR SPECIFICATIONS.

PROPOSED AT&T 4'-0" X 10'-0" CONCRETE PAD. SEE SHEET S-1 FOR DETAILS.

#2 AWG SOLID TINNED COPPER GROUND WIRE TO EXISTING FENCE GROUND RING, GROUND GENERATOR PER MFG. SPECS. SEE DETAIL 2/E-3.

PROPOSED AT&T UNDERGROUND GENERATOR CONDUIT ROUTE. SEE DETAIL 2/S-1

SITE PLAN  
SCALE: 1" = 3.75'



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PREPARED FOR:

**at&t**  
Mobility

CONSULTANT:  
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Information Technology, Inc.  
  
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FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

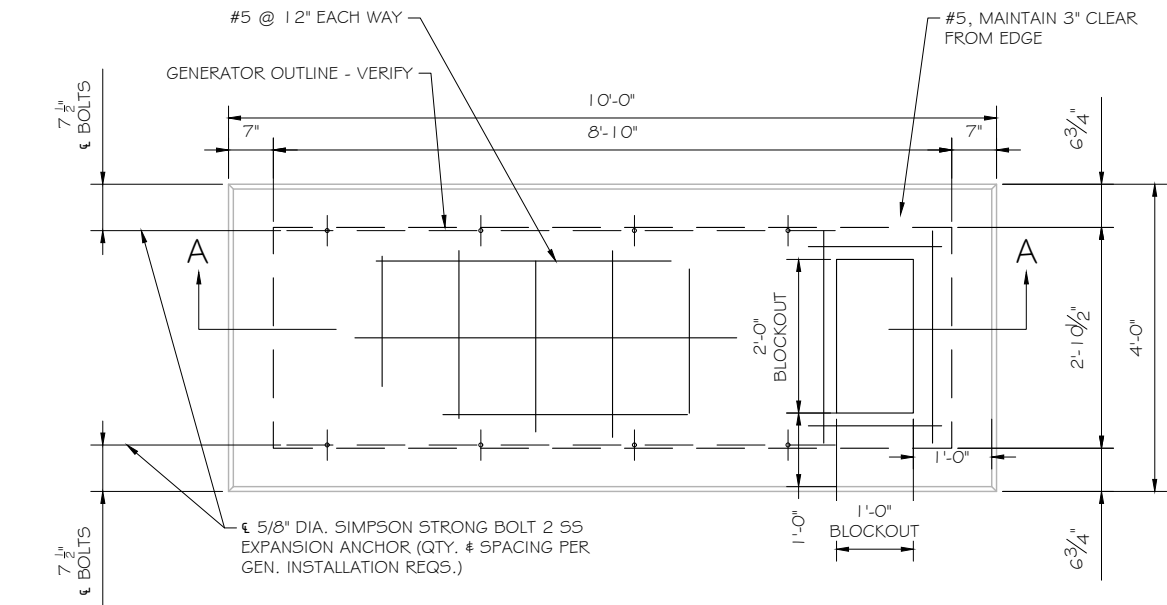
SHEET TITLE:  
  
SITE PLAN & EQUIPMENT LAYOUT

11" x 17"    - 1" = 3.75'  
22" x 34"    - 1" = 1.875'

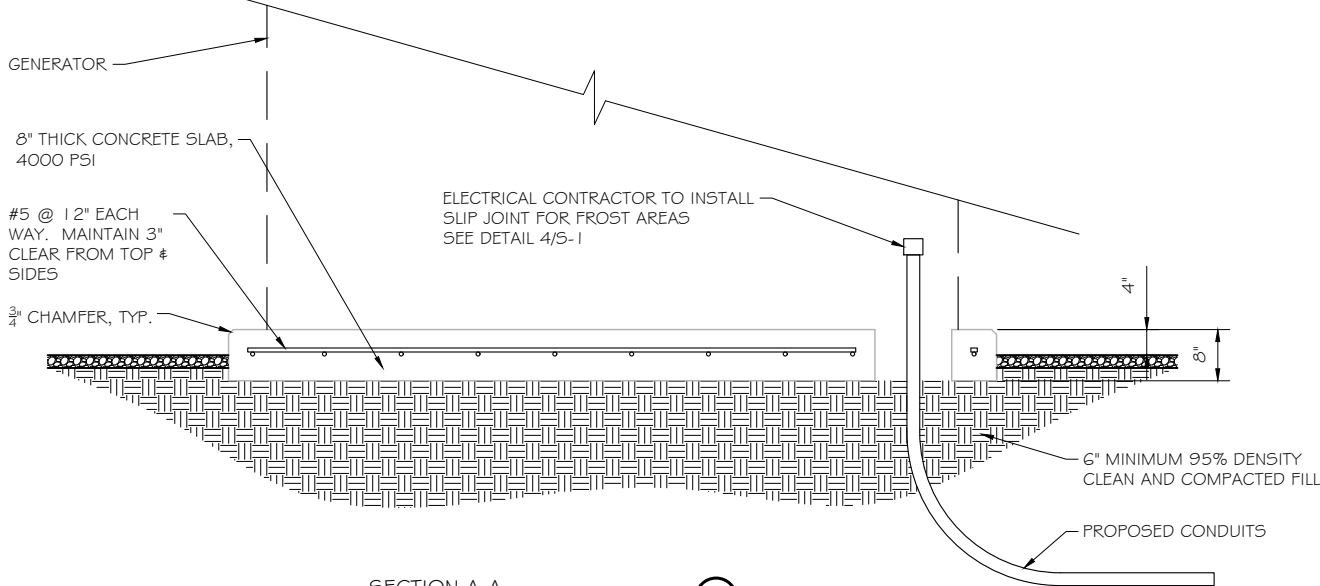
PROJECT NUMBER  
57144

SHEET NUMBER  
A-2





FOUNDATION PLAN  
SCALE: NTS



SECTION A-A  
SCALE: NTS

DOUBLE WALL FUEL TANK BASE SPECIFICATION

REF: ATT 30KW GENERATOR PACKAGE  
UL REGISTRATION NUMBER: MH18459  
U.L. 142 DOUBLE WALL FUEL TANK BASE SPECIFICATION  
FUEL TANK BASE CONSTRUCTION:

- BE CONSTRUCTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARD UL-142. BE CONSTRUCTED IN ACCORDANCE WITH FLAMMABLE & COMBUSTIBLE LIQUIDS CODE, NFPA 30; THE STANDARD FOR INSTALLATION & USE OF STATIONARY COMBUSTIBLE ENGINE & GAS TURBINES, NFPA 37; AND THE STANDARD FOR EMERGENCY & STANDBY POWER SYSTEMS, NFPA 110.
- ANCHORS MINIMUM (4) @ 5/8" FOR GEN-SET MOUNTING

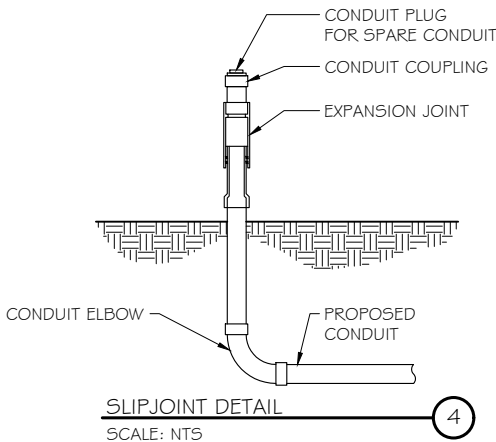
SUB BASE TANK TESTING: PRIMARY TANK & SECONDARY CONTAINMENT BASIN SECTIONS SHALL BE PRESSURIZED AT 3-5 PSI AND LEAK-CHECKED TO ENSURE INTEGRITY OF SUB BASE WELD SEAMS PER UL-142 STANDARDS

FUEL FILL: 5 GALLON SPILL CONTAINMENT WITH ALARM

- 40% REMAINING FOR ALARM
- 20% REMAINING FOR SHUT-DOWN

FACTORY PRE-SET AT 95% FULL FOR ALARM

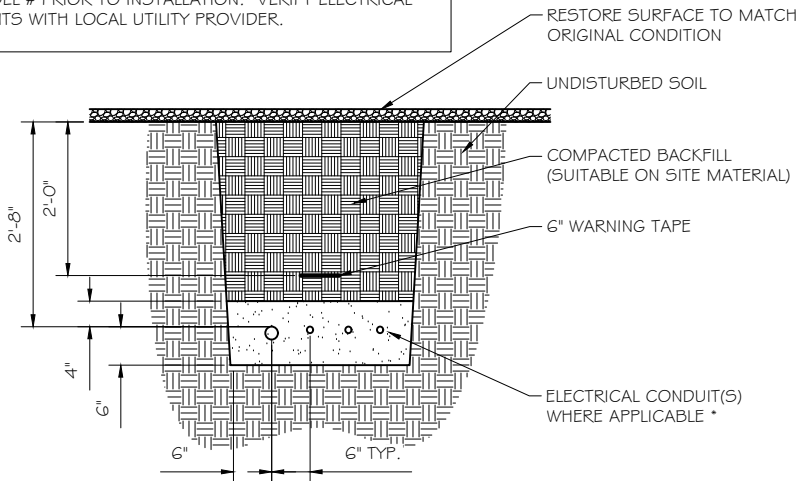
FUEL CONTAINMENT BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 110% OF THE TANK CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK RUPTURE. A FUEL CONTAINMENT BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.



SLIPJOINT DETAIL  
SCALE: NTS

NOTE:

VERIFY WIRE AND CONDUIT QUANTITY & SIZES WITH GENERATOR MAKE & MODEL # PRIOR TO INSTALLATION. VERIFY ELECTRICAL REQUIREMENTS WITH LOCAL UTILITY PROVIDER.



\* SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS

NOTES:

- PROVIDE PVC CONDUIT BELOW GRADE EXCEPT AS NOTED BELOW.
- PROVIDE RGS CONDUIT AND ELBOWS AT STUB UP LOCATIONS (I.E. SERVICE POLE, BTS EQUIPMENT, ETC.)
- INSTALL UTILITY PULLBOXES PER NEC.

UTILITY CONDUIT TRENCH  
SCALE: NTS

STRUCTURAL GENERAL NOTES

- GENERAL CONDITIONS
- DESIGN & CONSTRUCTION OF ALL WORK SHALL CONFORM TO LOCAL BUILDING CODES, ACI 318-11. IN CASE OF CONFLICT BETWEEN THE CODES, STANDARDS, REGULATIONS, SPECIFICATIONS, GENERAL NOTES AND/OR MANUFACTURER'S REQUIREMENTS, USE THE MOST STRINGENT PROVISIONS.
- IT IS THE EXPRESS INTENT OF PARTIES INVOLVED IN THIS PROJECT THAT THE CONTRACTOR OR SUBCONTRACTOR OR INDEPENDENT CONTRACTOR OR THE RESPECTIVE EMPLOYEES SHALL EXCULPATE THE ARCHITECT, THE ENGINEER, TECH. CONSTRUCTION MANAGER, THE OWNER, & THEIR AGENTS FROM ANY LIABILITY WHATSOEVER & HOLD THEM HARMLESS AGAINST LOSS, DAMAGES, LIABILITY OR ANY EXPENSE ARISING IN ANY MATTER FROM THE WRONGFUL OR NEGLIGENT ACT, OR FAILURE TO CARRY METHODS, TECHNIQUES OR PROCEDURES OR FAILURE TO CONFORM TO THE STATE SCAFFOLDING ACT IN CONNECTIONS WITH THE WORK.
- DO NOT SCALE DRAWINGS
- VERIFY ALL EQUIPMENT MOUNTING DIMENSIONS PER MANUFACTURER DRAWINGS
- DESIGN LOADS ARE (GENERAC):
  - LIVE LOAD : 100 PSF
  - EQUIPMENT SIZE : 889.1" H, 106" W, 38" D
  - WEIGHT WITH WOODEN SHIPPING SKID
  - ENCLOSED GENERATOR : 3974 LBS
- FOR DESIGN & ANALYSIS OF THE FOUNDATION, THE MINIMUM NET SOIL BEARING CAPACITY SHALL BE ASSUMED TO BE 2000 PSF.
- CONCRETE
- MEET OR EXCEED THE FOLLOWING CODES & STANDARDS:
  - DESIGN : ACI 318-11
  - CONSTRUCTION : ACI 301
  - DETAILING : CRSI MANUAL OF STANDARD PRACTICE
  - REIN. STEEL : ASTM A 615 GRADE 60, DEFORMED
  - MIXING : ASTM C 94. READY MIX CONCRETE
  - AIR ENTRAINMENT : ACI 318 AND ASTM C-260
  - AGGREGATE : ASTM C 33 AND C 330 (FOR LIGHT WEIGHT)
- CONCRETE STRENGTH AT 28 DAYS SHALL BE 4000 PSI MINIMUM
- DO NOT FIELD BEND OR WELD TO GRADE 60 REINFORCED STEEL
- PROVIDE AIR ENTRAINED CONCRETE WITH AIR CONTENT OF 5 TO 7% FOR ALL CONCRETE EXPOSED TO EARTH OR WEATHER.
- MAXIMUM AGGREGATE SIZE: 3/4"
- DO NOT USE IN ADMIXTURE, WATER OR OTHER CONSTITUENTS OF CONCRETE WHICH HAS CALCIUM CHLORIDE.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS SHOWN ON PLAN.
- FOUNDATION & EXCAVATION NOTES
- SLAB SHALL BE CONSTRUCTED UPON UNDISTURBED, NATURAL SUBGRADE OR COMPACTED GRANULAR FILL WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 1800 PSF.
- ALL ORGANIC AND/OR OTHER UNSUITABLE MATERIAL SHALL BE REMOVED FRO FOUNDATION & SLAB SUBGRADE & BACKFILL AREAS, & THEN BACKFILLED WITH ACCEPTABLE GRANULAR FILL COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D 1557).
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY WATER, FROST, OR ICE FROM PENETRATING ANY FOOTING OR STRUCTURAL SUBGRADE BEFORE & AFTER PLACING OF CONCRETE, AND UNTIL SUCH CONCRETE HAS FULLY CURED.



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PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS  
Information Technology, Inc.

GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:

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Signature: \_\_\_\_\_ Date: 5/31/2023

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UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:

FOUNDATION DETAILS

SCALE: NONE

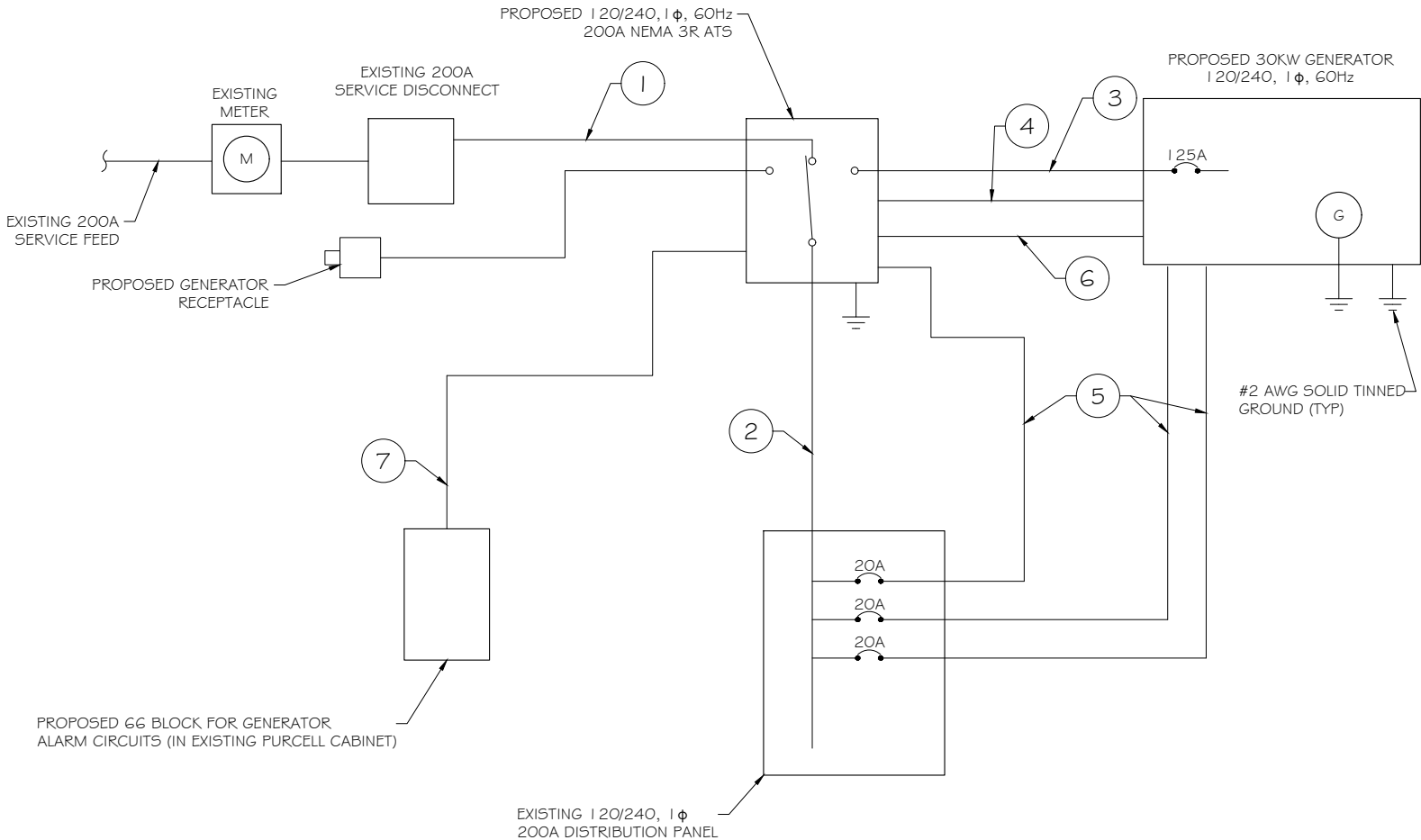
PROJECT NUMBER 57144  
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DIAGRAM CIRCUIT SCHEDULE						
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	2"	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) 3/0	(1) #4	2"	POWER FEEDER FROM ATS TO PANEL
3	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) #1	(1) #6	1 - 1/2"	EMERGENCY POWER FEEDER TO ATS
4	AUTOMATIC TRANSFER SWITCH	GENERATOR	(2) #10	(1) #10	1"	START CIRCUIT
5	LOAD CENTER (DISTRIBUTION CENTER)	GENERATOR, ATS	(2) #12 (2) #12 (2) #12	(1) #12 (1) #12 (1) #12	1" 1" 1"	CIRCUIT FOR GENERATOR BLOCK HEATER & BATTERY HEATER CIRCUIT FOR BATTERY CHARGER CIRCUIT FOR ATS
6	GENERATOR	AUTOMATIC TRANSFER SWITCH	12-PAIR 24 AWG OR 2EA 6-PAIR CAT5	N/A	1"	ALARM CABLES (1) 12 PAIR 24 AWG. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES
7	AUTOMATIC TRANSFER SWITCH	ALARM BLOCK	12-PAIR 24 AWG OR 2EA 6-PAIR CAT5	N/A	1"	ALARM CABLES (1) 12 PAIR 24 AWG (RUN TO PURCELL CABINET & INTO ALARM BOX). PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES

CIRCUIT DETAIL  
SCALE: NTS

ALARM WIRE IDENTIFICATION CHART	
WIRE	ALARM
BROWN BROWN / WHITE	GENERATOR RUNNING
GREEN GREEN / WHITE	CRITICAL FAULT
BLUE BLUE / WHITE	MINOR FAULT
ORANGE ORANGE / WHITE	LOW FUEL
BROWN * BROWN / WHITE *	FUEL LEAK
*CAT5 CABLE ONLY, FROM 2ND CAT5 CABLE	

ALARM WIRING IDENTIFICATION CHART  
SCALE: NTS



PROPOSED WIRING DIAGRAM  
SCALE: NTS



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(608) 643-4100    www.ramaker.com

PREPARED FOR:



**at&t**  
Mobility

CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.  
  
GENERAL DYNAMICS  
101 STATION DR  
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FA ID # 10035011

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107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
  
WIRING DETAILS

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-1

AC Distribution Panel - Layout Diagram									
Breaker Position	Breaker Type	On/Off	Size	Circuit Label	Breaker Position	Breaker Type	On/Off	Size	Circuit Label
1	2P	ON	30	HVAC	2	2P	ON		EMERSON PP RECTIFIER #1
3					4				
5	2P	OFF	30	SPARE	6	2P	ON		EMERSON PP RECTIFIER #2
7					8				
9	1P	ON		RECEPTACLES	10	2P	ON		EMERSON PP RECTIFIER #3
11	1P	ON		INT / EXT LTS	12				
13	1P	ON		SMOKE DET.	14	2P	ON		EMERSON PP RECTIFIER #4
15	1P	ON		DEHUMIDIFIER	16				
17	1P	OFF		SPARE	18	2P	ON	30	EMERSON PP RECTIFIER #5
19	2P	OFF	30	SPARE	20				
21					22	2P	ON	30	EMERSON PP RECTIFIER #6
23	2P	OFF	30	SPARE	24				
25					26	1P	OFF		SPARE
27	1P			EMPTY	28	1P	ON	20	ATS
29	1P			EMPTY	30	1P	ON	20	BLOCK HEATER
31	1P	OFF	20	SPARE	32	1P	ON	20	BATTERY CHARGER
33	1P			EMPTY	34	1P			EMPTY
35	1P			EMPTY	36	1P			EMPTY
37	1P			EMPTY	38	1P			EMPTY
39	1P			EMPTY	40	1P			EMPTY
41	1P			EMPTY	42	1P			EMPTY

EXISTING PANEL SCHEDULE  
SCALE: NTS

PROPOSED 20A BREAKERS FOR ATS, BLOCK HEATER AND BATTERY CHARGER ON NEW AT&T GENERATOR

NOTE:  
1. IF EXISTING CONSTRUCTION VARIES FROM THIS DETAIL, AN EQUAL 3-HR U.L. PENETRATION APPROPRIATE FOR THE EXISTING WALL TYPE SHALL BE CONSTRUCTED  
2. GC SHALL USE NON-SHRINKING CAULK TO WEATHERSEAL ALL PENETRATIONS INTO OR THRU SHELTER WALL.

Type GR  
CABLE TAP TO TOP OF GROUND ROD

Type GT  
THROUGH CABLE TO TOP OF GROUND ROD.

Type GY  
THROUGH CABLE TO SIDE OF GROUND ROD

Type HS  
HORIZONTAL CABLE TAP TO HORIZONTAL STEEL SURFACE OR PIPE. CABLE OFF SURFACE.

Type TA  
TEE OF HORIZONTAL RUN AND TAP CABLES.

Type VN  
HORIZONTAL CABLE TAP TO VERTICAL STEEL SURFACE OR THE SIDE OF HORIZONTAL PIPE

Type VS  
CABLE TAP DOWN AT 45° TO VERTICAL STEEL SURFACE OR SIDE OF HORIZONTAL OR VERTICAL PIPE.

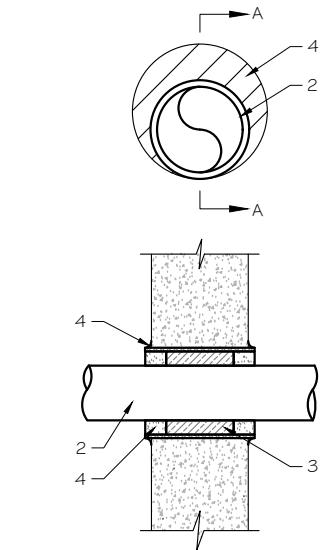
Type VV  
THROUGH VERTICAL CABLE TO VERTICAL STEEL SURFACE OR TO THE SIDE OF EITHER HORIZONTAL OR VERTICAL PIPE

Type GR  
CABLE TAP TO TOP OF GROUND ROD

NOTE:  
CONTRACTOR TO LABEL WIRES WITH P-TOUCH OR SIMILAR LABELS ONLY. ABSOLUTELY NO HANDWRITTEN LABELS.

\*CONTRACTOR TO UTILIZE NEXT AVAILABLE IN SEQUENCE SINGLE BREAKER POSITION FOR GENERATOR, BATTERY CHARGER, BATTERY HEATER AND BLOCK HEATER

CADWELD DETAILS  
SCALE: NTS



U.L. SYSTEM NO. C-AJ-1150  
CONDUIT THROUGH BEARING WALL SIMILAR TO U.L. DESIGN NO. U902  
F RATING = 3 HR  
T RATING = 0 HR

- FLOOR OR WALL ASSEMBLY : MINIMUM 4-1/2" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS\*. MAX DIAMETER OF OPENING IS 4". SEE CONCRETE BLOCKS 9CATZ) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
- THROUGH PENETRATIONS : ONE METALLIC PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE SHALL BE MINIMUM 0". (POINT CONTACT) TO MAXIMUM 1-3/8". THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES OR CONDUITS MAY BE USED:  
A. STEEL PIPE-NOMINAL 6" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE.  
B. IRON PIPE-NOMINAL 6" DIAMETER (OR SMALLER) CAST OR DUCTILE IRON PIPE.  
C. CONDUIT - NOMINAL 4" DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR NOMINAL 3-1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.
- PACKING MATERIAL: MINIMUM 6" THICKNESS OF MIN 4.0 PCF MINERAL WOOL BATTING INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
- FILL, VOID, OR CAVITY MATERIAL\*: SEALANT: MINIMUM 1/4" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR AND WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN PIPE AND CONCRETE, A MINIMUM 1/2" DIAMETER BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE ON THE TOP SURFACE OF FLOOR AND ON BOTH SURFACES OF WALL. W RATING APPLIES ONLY WHEN CP6015 OR CP604 SEALANT IS USED.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC. : CP6015, CP604, CP606, OR FS-ONE SEALANT.

\* BEARING THE UL CLASSIFICATION MARK

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)  
SCALE: NTS



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PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.  
  
GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:  
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



Signature:  Date: 5/31/2023


MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:  
  
UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
  
PANEL AND PENETRATION  
DETAILS

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-2

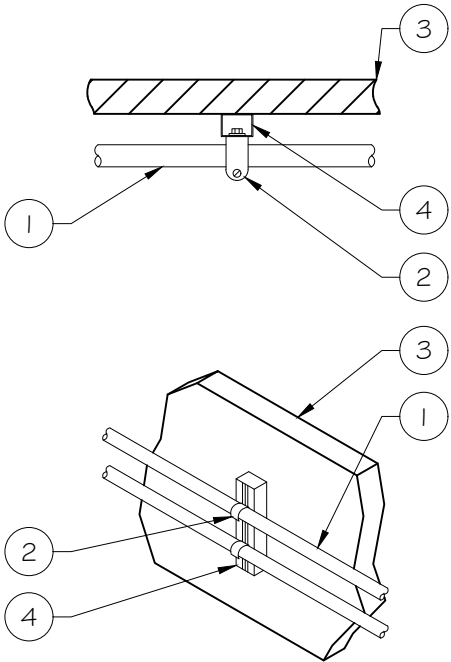


- 1
- CONDUIT (TYP)
- 2
- BUTTERFLY CLAMP AS REQUIRED
- 3
- EXISTING WALL/CEILING
- 4
- VERTICAL "UNISTRUT" P1000 "T" SERIES  
LENGTH BASED ON NUMBER OF  
CONDUIT TO BE MOUNTED

WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" DIA. TOGGLE BOLT
HOLLOW, AT STUD	3/8" DIA. LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" DIA. HILTI HY-20 WITH SCREEN, MINIMUM EMBEDMENT 2-1/2"
CONCRETE (SOLID)	3/8" DIA. HILTI HY-150 WITH SCREEN, MINIMUM EMBEDMENT 2-1/2"
NOTE: USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT & CONNECTIONS OF CHANNELS SPACE UNITS @ 5'-0" O.C. LENGTH OF RUN	

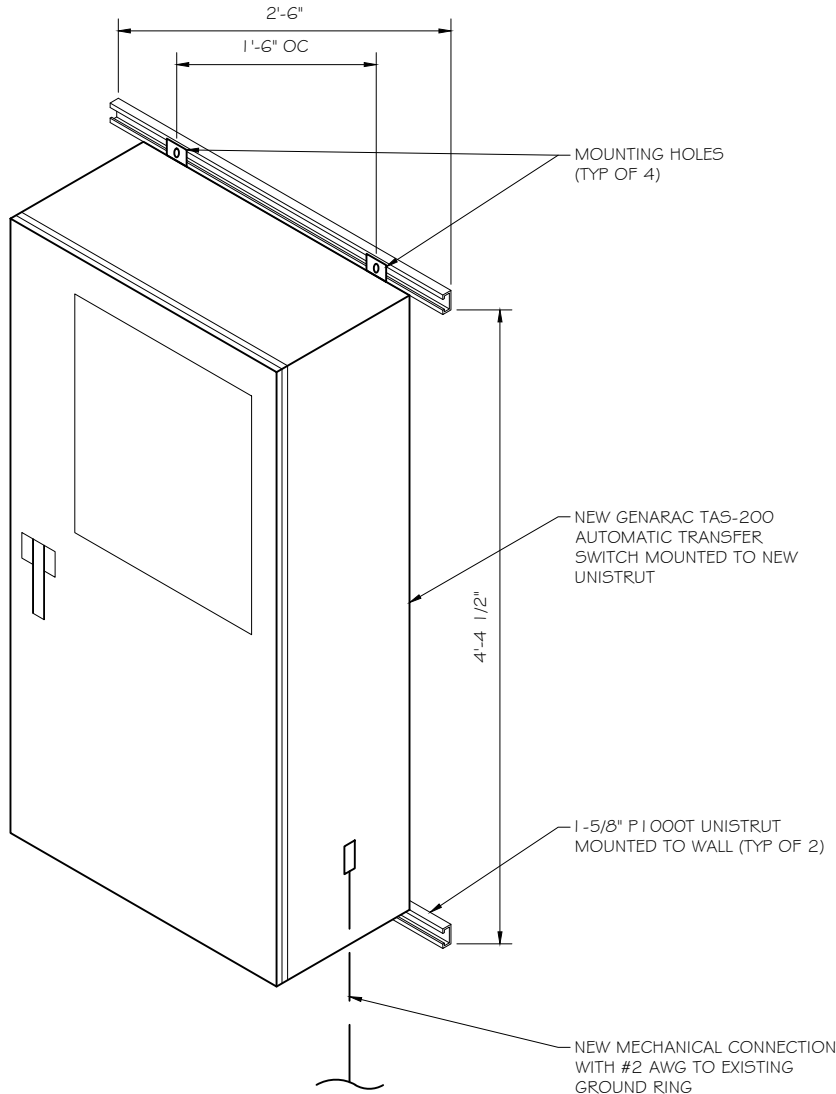
CONDUIT WALL MOUNT

SCALE: NTS



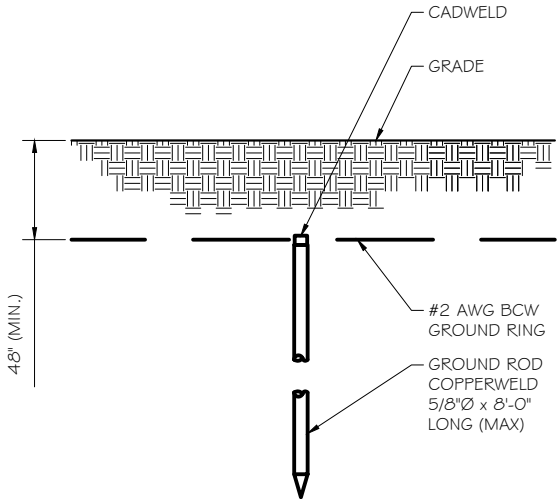
WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" DIA. TOGGLE BOLT
HOLLOW, AT STUD	3/8" DIA. LAG SCREW
CONCRETE BLOCK (HOLLOW)	7/16" DIA. HILTI HY-20 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"
CONCRETE (SOLID)	7/16" DIA. HILTI HY-150 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"

- NOTE:
1.
- USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL  
MOUNT AND CONNECTION OF CHANNELS
2.
- GC SHALL USE NON-SHRINKING CAULK TO WEATHER SEAL  
ALL PENETRATIONS INTO OR THROUGH SHELTER WALL



GENERAC ATS MOUNTING DETAIL

SCALE: NTS



GROUND ROD DETAIL

SCALE: NTS

- NOTE:
1.
- GROUND RODS MAY BE:  
- COPPER CLAD STEEL  
- SOLID COPPER
2.
- GROUND RODS SHALL HAVE  
A MAXIMUM SPACING TWICE  
THE LENGTH OF ROD  
SEE RESISTIVITY REPORT  
FOR VERIFICATION AS  
AVAILABLE
3.
- A LARGER CONDUCTOR  
SHALL BE REQUIRED IN  
AREAS HIGHLY PRONE TO  
LIGHTNING AND/OR AREAS  
WITH HIGHLY ACIDIC SOIL
4.
- GROUND RODS INSTALLED  
WITHIN CLOSE PROXIMITY TO  
TOWER OR WHEN SOIL IS AT  
OR BELOW 2,000 OHM-CM,  
SHALL BE GALVANIZED TO  
PREVENT GALVANIC  
CORROSION OF TOWER,  
(SEE ANSI/TIA-EIA-222-G)
5.
- PROVIDE (1) GROUND LEAD  
TO EACH SIDE OF THE  
GENERATOR

  
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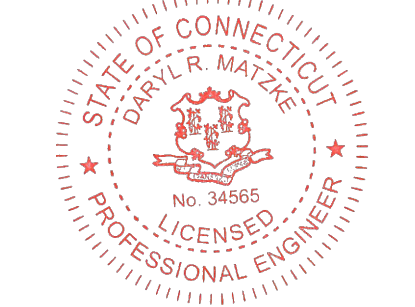
PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.

GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

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ISSUE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:  
**UNION-STICKNEY HILL**  
**FA ID # 10035011**

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
**ATS, CONDUIT & GROUND ROD  
DETAILS**

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-3

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



Standby Power Rating  
30 kW, 38 kVA, 60 Hz

Prime Power Rating\*  
27 kW, 34 kVA, 60 Hz



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

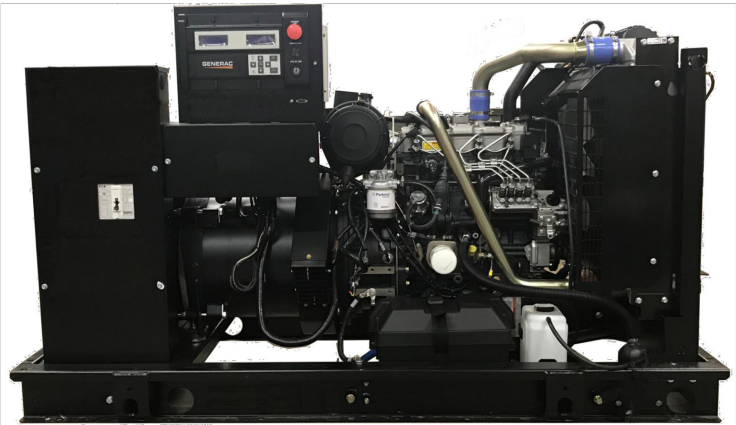


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### Codes and Standards

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

		UL2200, UL508, UL489, UL142
		SAE J1349
		NFPA 37, 70, 99, 110
		NEC700, 701, 702, 708
		ISO 3046, 7637, 8528, 9001
		NEMA ICS10, MG1, 250, ICS6, AB1
		ANSI C62.41

### Powering Ahead

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

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

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

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

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

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



### STANDARD FEATURES

#### ENGINE SYSTEM

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

#### Fuel System

- Fuel Lockoff Solenoid
- Primary Fuel Filter

#### Cooling System

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

#### Electrical System

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

#### ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Brushless Excitation
- Sealed Bearing
- Rotor Dynamically Spin Balanced
- Amortisseur Winding (3-Phase Only)
- Full Load Capacity Alternator
- Protective Thermal Switch

#### GENERATOR SET

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

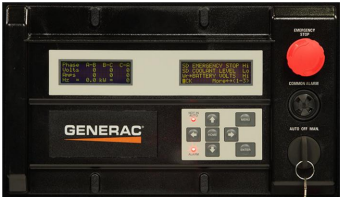
#### ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

#### FUEL TANKS (If Selected)

- UL 142/ULC S601
- Double Wall
- Normal and Emergency Vents
- Sloped Top
- Sloped Bottom
- Factory Pressure Tested
- Rupture Basin Alarm
- Fuel Level
- Check Valve In Supply and Return Lines
- RhinoCoat™ - Textured Polyester Powder Coat Paint
- Stainless Steel Hardware

### CONTROL SYSTEM



#### Digital H Control Panel- Dual 4x20 Display

##### Program Functions

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

- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus® Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

##### Full System Status Display

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

##### Alarms and Warnings

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

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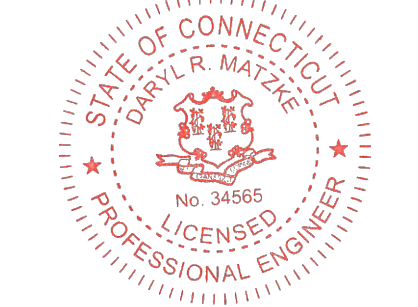
PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.

GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:  
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Signature: Date: 5/31/2023


MARK	DATE	DESCRIPTION
ISSUE	FINAL	
PHASE		

PROJECT TITLE:  
**UNION-STICKNEY HILL**  
**FA ID # 10035011**

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
**GENERAC 30KW GENERATOR**  
**SPECIFICATIONS**

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-4



SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- Oil Heater
- Critical Silencer (Open Set Only)
- Radiator Stone Guard
- Level 1 Fan and Belt Guards (Open Set Only)

FUEL SYSTEM

- NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- 10A UL Listed Battery Charger
- Battery Warmer

ALTERNATOR SYSTEM

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

GENERATOR SET

- Extended Factory Testing
- 8 Position Load Center
- Pad Vibration Isolation

ENGINEERED OPTIONS

ENGINE SYSTEM

- Coolant Heater Isolation Ball Valves
- Fluid Containment Pan

CONTROL SYSTEM

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

CIRCUIT BREAKER OPTIONS

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

ENCLOSURE

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

WARRANTY (Standby Gensets Only)

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

ALTERNATOR SYSTEM

- 3rd Breaker System

GENERATOR SET

- Special Testing



SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Perkins
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	4
Type	In-Line
Displacement - in <sup>3</sup> (L)	135 (2.22)
Bore - in (mm)	3.3 (84)
Stroke - in (mm)	3.9 (100)
Compression Ratio	23.3:1
Intake Air Method	Turbocharged
Cylinder Head	Cast Iron
Piston Type	Aluminum
Crankshaft Type	Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.5%

Lubrication System

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

Cooling System

Cooling System Type	Closed Recovery
Water Pump Type	Pre-Lubed, Self Sealing
Fan Type	Pusher
Fan Speed - RPM	1,980
Fan Diameter - in (mm)	18 (457)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel #2
Fuel Specifications	ASTM
Fuel Filtering (Microns)	5
Fuel Inject Pump	Distribution Injection Pump
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line - in (mm)	0.31 (7.9) ID
Fuel Return Line - in (mm)	0.2 (4.8) ID

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	K0035124Y21
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5% (3-Phase)
Telephone Interference Factor (TIF)	< 50

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



PREPARED FOR:



CONSULTANT:

**GENERAL DYNAMICS**  
Information Technology, Inc.

GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

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5/31/2023  
Date:


MARK	DATE	DESCRIPTION
ISSUE PHASE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:

UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:

GENERAC 30KW GENERATOR  
SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-4.1

SPEC SHEET

3 of 6

SPEC SHEET

4 of 6

SD030 | 2.2L | 30 kW  
INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

OPERATING DATA

POWER RATINGS

Standby		
Single-Phase 120/240 VAC @1.0pf	30 kW	Amps: 125
Three-Phase 120/208 VAC @0.8pf	30 kW	Amps: 104
Three-Phase 120/240 VAC @0.8pf	30 kW	Amps: 90
Three-Phase 277/480 VAC @0.8pf	30 kW	Amps: 45
Three-Phase 346/600 VAC @0.8pf	30 kW	Amps: 36

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip			
277/480 VAC	30%	208/240 VAC	30%
K0035124Y21	61	K0035124Y21	46
K0040124Y21	76	K0040124Y21	58
K0050124Y21	98	K0050124Y21	75

FUEL CONSUMPTION RATES\*

Fuel Pump Lift- ft (m)	Diesel - gph (Lph)	
	Percent Load	Standby
3 (1)	25%	1.0 (3.7)
	50%	1.4 (5.2)
	75%	2.0 (7.5)
	100%	2.8 (10.5)
Total Fuel Pump Flow (Combustion + Return) - gph (Lph)		
16.6 (63)		

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

COOLING

Standby		
Coolant Flow	gpm (Lpm)	14.9 (56.2)
Coolant System Capacity	gal (L)	2.5 (9.5)
Heat Rejection to Coolant	BTU/hr (kW)	128,638 (136)
Inlet Air	scfm (m³/hr)	2,800 (4,757)
Maximum Operating Ambient Temperature	°F (°C)	122 (50)
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin No. 0199280SSD	
Maximum Radiator Backpressure	in H <sub>2</sub> O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

Standby
Flow at Rated Power scfm (m³/min)
88 (2.5)

ENGINE

Standby		
Rated Engine Speed	RPM	1,800
Horsepower at Rated kW**	hp	49
Piston Speed	ft/min (m/min)	1,181 (360)
BMEP	psi (kPa)	159 (1,096)

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

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards. Standby - See Bulletin 0187500SSB Prime - See Bulletin 0187510SSB

EXHAUST

Standby		
Exhaust Flow (Rated Output)	scfm (m³/min)	296.6 (8.4)
Max. Allowable Backpressure (Post Turbocharger)	inHg (kPa)	1.5 (5.1)
Exhaust Temp (Rated Output)	°F (°C)	892 (478)

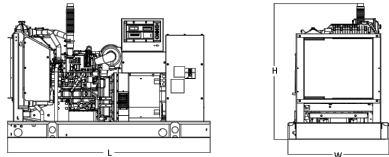
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Part No. 10000024842  
Rev. B 08/27/18

SD030 | 2.2L | 30 kW  
INDUSTRIAL DIESEL GENERATOR SET

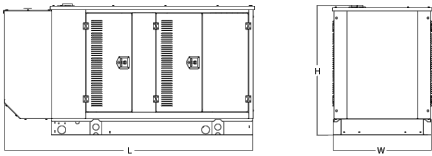
EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS\*



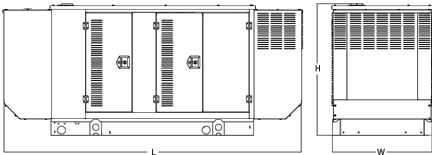
OPEN SET (Includes Exhaust Flex)

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	76.0 (1,930) x 37.4 (950) x 44.8 (1,138)	1,641 (745)
19	54 (204)	76.0 (1,930) x 37.4 (950) x 57.8 (1,468)	2,121 (963)
47	132 (501)	76.0 (1,930) x 37.4 (950) x 69.8 (1,773)	2,351 (1,067)
75	211 (799)	76.0 (1,930) x 37.4 (950) x 81.8 (2,078)	2,560 (1,162)
107	300 (1,136)	92.9 (2,360) x 37.4 (950) x 81.8 (2,078)	2,623 (1,190)



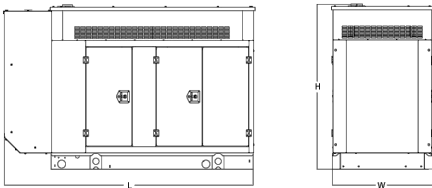
WEATHER PROTECTED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)	
			Enclosure Only	
No Tank	-	94.8 (2,409) x 38.0 (965) x 49.5 (1,258)		
19	54 (204)	94.8 (2,409) x 38.0 (965) x 62.5 (1,588)	372 (170)	241 (110)
47	132 (501)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)		
75	211 (799)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)		
107	300 (1,136)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)		



LEVEL 1 ACOUSTIC ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)	
			Enclosure Only	
No Tank	-	112.5 (2,857) x 38.0 (965) x 49.5 (1,258)		
19	54 (204)	112.5 (2,857) x 38.0 (965) x 62.5 (1,582)		
47	132 (501)	112.5 (2,857) x 38.0 (965) x 74.5 (1,893)	505 (230)	338 (154)
75	211 (799)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)		
107	300 (1,136)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)		



LEVEL 2 ACOUSTIC ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)	
			Enclosure Only	
No Tank	-	94.8 (2,407) x 38.0 (965) x 61.1 (1,551)		
19	54 (204)	94.8 (2,407) x 38.0 (965) x 74.1 (1,881)		
47	132 (501)	94.8 (2,407) x 38.0 (965) x 86.1 (2,186)	510 (232)	341 (155)
75	211 (799)	94.8 (2,407) x 38.0 (965) x 98.1 (2,491)		
107	300 (1,136)	94.8 (2,407) x 38.0 (965) x 98.1 (2,491)		

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

SPEC SHEET

5 of 6



**RAMAKER**  
employee-owned  
(608) 643-4100 www.ramaker.com

PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.

GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



Signature: Date: 5/31/2023


MARK	DATE	DESCRIPTION
ISSUE	FINAL	
PHASE		
	DATE ISSUED	05/31/2023

PROJECT TITLE:

UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:

GENERAC 30KW GENERATOR  
SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER 57144  
SHEET NUMBER E-4.2

SPEC SHEET

6 of 6

TTS Series  
Switches

200 Amps  
600 VAC

GENERAC®

INDUSTRIAL  
POWER

TAS200

200A Automatic Transfer Switch

TAS200

TAS200

1 of 3   2 of 3

The Generac TAS200 Automatic Transfer Switch

- Flexibility for multiple application installations
- Multiple generator support with 3 source panel
- Designed with a 6 inch touch screen controller for improved user interface
- Camlock functionality for mobile generator sources



Image used for illustration purposes only.

Features

- STEEL CONSTRUCTION
- NEMA 3R ENCLOSURE WITH HINGED “PADLOCKING” DOORS
- STAINLESS STEEL HARDWARE
- CAMLOCK “QUICK CONNECT” CAPABILITY
- OPERATIONAL STATUS VIEW VIA 6 INCH TOUCH SCREEN
- TEST FUNCTION - FAST TEST & NORMAL TEST
- UL1008 LISTED - FOR EMERGENCY SYSTEMS

Optional Features

- EXTENDED WARRANTY
- THREE-PHASE VOLTAGE CONFIGURATIONS

Codes and Standards

Generac products are designed to the following standards:

UL

LISTED

UL1008,  
UL508,  
UL50,  
CSA C22.2 No. 178

nec

NEC 700, 701 and 702

NEMA

NEMA 250

Application and Engineering Data

Cabinet Specifications	
Dimensions	24"W x 12"D x 48"H
Weight	210 lbs.
Construction	Single Chamber with Main Door
	Steel
	UL Type / NEMA 3R Rated
	Powder Coat Finish for Corrosion Resistance
	C-UL-US Listed – Automatic Transfer Switch
	Stainless Steel Hardware
Mounting Options	3-Point Latching System with Pad-Lockable Handles
	Wall
Installed	H-frame
	Pre-wired alarm terminal strip

Electrical Specifications	
Voltage/Phase/Amps	120/240 Single-Phase, 200A 120/208 3-Phase, 200A 120/240 3-Phase, 200A
Breaker	Eaton 200 amp Utility Breaker Eaton 200 amp Generator Breaker
Maximum RMS Symmetrical Fault Current – Amps	25k AIC Rated
Protective Device Continuous Rating (Max) Amp	200
Input to Generator	350MCM - #6 AWG
Output to Site	350MCM - #6 AWG
Generator Annunciator Connector	Deutsch DTM04-12PA-L012
Alarm Terminal Board	Generator Run Alarm
	Generator Fail – Shutdown Alarm
	Generator Fail – Non Shutdown Alarm
	Low Fuel Alarm
	Generator Theft Alarm
	AC Utility Fail Alarm

Camlock Component	
Camlock Component	Shipped loose for multiple installation options
Dimensions	9" W x 9.4" D x 24.25" H
200A Camlock Generator Connection	Single-Phase: Black L1, Red L2, White-Neutral, Green-Ground
	3-Phase: Black L1, Red L2, Blue L3, White-Neutral, Green-Ground
	Uses 4 CH E1016 Male Connectors
	Mating Connector – CH E1016 Female



RAMAKER

employee-owned

(608) 643-4100    www.ramaker.com

PREPARED FOR:

at&t  
Mobility

CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.  
  
GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:  
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.

STATE OF CONNECTICUT

DARYL R. MATZKE

No. 34565

PROFESSIONAL ENGINEER

Signature:

5/31/2023

Date:


MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:  
  
UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
  
GENERAC ATS SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-5

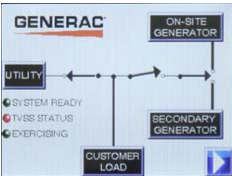


TTS Control Systems

TAS200

3 of 3

Touch Screen Interface



INDICATORS AND BUTTONS

<ul style="list-style-type: none"><li>System Ready indicator</li><li>Standby Operating indicator</li><li>Utility Available indicator</li><li>GEN/UTIL Switch Position indicator</li><li>TVSS status</li></ul>	<ul style="list-style-type: none"><li>Normal Test button</li><li>Fast Test button</li><li>Return to Normal button</li><li>Reset button</li><li>Exercising indicator</li></ul>
---	---

DETAILS SCREEN

<p><b>System Settings:</b></p> <ul style="list-style-type: none"><li>System Voltage/Phases:<ul style="list-style-type: none"><li>120/240V single phase (standard)</li><li>120/208V three phase (optional)</li><li>120/240V three phase (optional)</li></ul></li><li>Utility Fail Monitor:<ul style="list-style-type: none"><li>Under Voltage: 75-95% of nominal voltage</li><li>Over Voltage: 105%-125% of nominal voltage</li><li>Pickup (hysteresis): fixed at 5 volts</li><li>Delay time: 0-60s</li></ul></li><li>Utility Interrupt Delay: 0-60s</li><li>Return to Utility Timer: 1-30 minutes</li><li>Transfer:<ul style="list-style-type: none"><li>In-phase, or</li><li>Time-Delay-Neutral at 0.0-10.0s in 1 second increments</li></ul></li></ul>	<p><b>Exercise Settings:</b></p> <ul style="list-style-type: none"><li>Time of day</li><li>Day of week</li><li>Exercise:<ul style="list-style-type: none"><li>Exercise with/without load</li><li>Exercise once every 1, 2, or 4 weeks.</li><li>Exercise time-of-day</li><li>Exercise day of week</li><li>Exercise duration: 15-30 minutes</li></ul></li></ul>
	<p><b>Screen Settings:</b></p> <ul style="list-style-type: none"><li>Brightness &amp; Contrast button</li><li>Screen Calibration button</li><li>Startup/Clean screen</li></ul>
	<p><b>Diagnostics:</b></p> <ul style="list-style-type: none"><li>Digital I/O bits status</li><li>Voltage A/D readings</li></ul>
<p><b>Engine Settings:</b></p> <ul style="list-style-type: none"><li>Engine Warm-up timer: 0-20 minutes</li><li>Generator Load Accept:<ul style="list-style-type: none"><li>Time-Delay-Neutral at 0.0-10.0s in 1 second increments</li><li>Voltage: 85-95% of nominal</li><li>Frequency: 85-95% of nominal</li></ul></li><li>Engine Minimum Run Timer: 5-30 minutes</li><li>Engine Cooldown Timer: 0-20 minutes</li></ul>	<p><b>Mimic Diagram:</b></p> <ul style="list-style-type: none"><li>System Ready</li><li>Transfer switch position</li><li>Utility available</li><li>Standby available</li><li>Maintenance/Auto switch position</li><li>Generator source TS position</li><li>TVSS status</li></ul>



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(608) 643-4100 www.ramaker.com

PREPARED FOR:



CONSULTANT:  
**GENERAL DYNAMICS**  
Information Technology, Inc.  
  
GENERAL DYNAMICS  
101 STATION DR  
WESTWOOD, MA 02090

Certification & Seal:  
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



Signature: [Signature] Date: 5/31/2023


MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 05/31/2023

PROJECT TITLE:  
  
UNION-STICKNEY HILL  
FA ID # 10035011

PROJECT INFORMATION:  
107 STICKNEY HILL ROAD  
UNION, CT 06076

SHEET TITLE:  
  
GENERAC ATS SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER	57144
SHEET NUMBER	E-5.1

# ATTACHMENT 2



# 107 STICKNEY HILL RD

**Location** 107 STICKNEY HILL RD

**Mblu** 03/ 15/ 013/ /

**Acct#** 00046500

**Owner** HARRISON MARGARET

**Assessment** \$165,530

**Appraisal** \$236,460

**PID** 583

**Building Count** 1

## Current Value

Appraisal			
Valuation Year	Improvements	Land	
2018	\$0	\$236,460	
Assessment			
Valuation Year	Improvements	Land	
2018	\$0	\$165,530	

## Owner of Record

**Owner** HARRISON MARGARET M  
**Co-Owner**  
**Address** 145 MIHALIAK ROAD  
WILLINGTON, CT 06279

**Sale Price** \$0  
**Certificate**  
**Book & Page** 50/14  
**Sale Date** 06/08/2004  
**Instrument** 10

## Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Instrument
HARRISON MARGARET M	\$0		50/14	10
MIHALIAK, JOSEPH ESTATE OF	\$169,200		42/223	
RIZNER GEO JR & PAUL, ESTATE OF	\$0		30/264	

## Building Information

Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	

No Data for Building Su

Extra Features

Extra Features
No Data for Extra Features

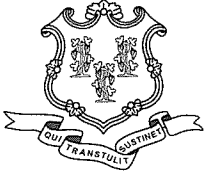
Land

Land Use		Land Line Valuation	
Use Code	1300	Size (Acres)	3.50
Description	Vacant Land	Frontage	0
Zone	RR	Depth	0
Neighborhood	12	Assessed Value	\$165,530
Alt Land Appr Category	No	Appraised Value	\$236,460

Outbuildings

Outbuildings
No Data for Outbuildings





Daniel F. Caruso  
Chairman

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

Internet: [ct.gov/csc](http://ct.gov/csc)

October 1, 2007

Steven L. Levine  
Real Estate Consultant  
New Cingular Wireless PCS, LLC  
500 Enterprise Drive  
Rocky Hill, CT 06067

#22  
5403 - NEWINGTON  
1048 > UNION  
5453 - WEST HARTFORD  
1154 - VERNON  
1082 - VERNON

RE: **EM-CING-094-145-145-146-155-070914** – New Cingular Wireless PCS, LLC notice of intent to modify existing telecommunications facilities located at 605 Willard Avenue, Newington; 107 Stickney Hill Road, Union; 1050 Buckley Highway, Union; 197 South Street, Vernon; and 3114 Albany Avenue, West Hartford, Connecticut.

Dear Mr. Levine:

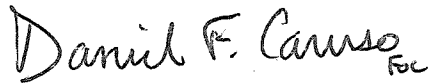
At a public meeting held on September 25, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify these existing telecommunications facilities, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 12, 2007, including the placement of all necessary equipment and shelters within the tower compounds. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to existing facility sites that would not increase tower heights, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by six decibels, and increase the total radio frequencies electromagnetic radiation power densities measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. These facilities have also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on these towers.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to any of these facilities will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

A handwritten signature in dark ink that reads "Daniel F. Caruso". The signature is written in a cursive style, with the first name "Daniel" being the most prominent. Below the name, there is a small, handwritten "FC" in the right margin.

Daniel F. Caruso  
Chairman

DFC/MP/cm

c: The Honorable Rodney Burt Mortensen, Mayor, Town of Newington  
Edmund Meehan, Town Planner, Town of Newington  
The Honorable Ellen L. Marmer, Mayor, Town of Vernon  
Gene F. Bolles, Zoning Enforcement Officer, Town of Vernon  
The Honorable Scott Slifka, Mayor, Town of West Hartford  
Mila Limson, Town Planner, Town of West Hartford  
The Honorable Thomas L. Fitzgerald, First Selectman, Town of Union  
Planning & Zoning Official, Town of Union  
Marcus Group  
Cox Communications  
New England Site Management  
Crown Castle  
Marlin Tower



DOCKET NO. 36

AN APPLICATION SUBMITTED BY CONTINENTAL : CONNECTICUT SITING  
CABLEVISION OF CONNECTICUT INC., FOR A :  
CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY : COUNCIL  
AND PUBLIC NEED FOR THE ERECTION OF  
COMMUNITY ANTENNA TELEVISION TOWERS IN  
THE TOWNS OF EAST GRANBY, HARTLAND : February 24, 1984  
AND UNION.

ORIGINAL

D E C I S I O N   A N D   O R D E R

Pursuant to the foregoing opinion, the Council hereby directs that a certificate of environmental compatibility and public need as required by section 16-50k of the General Statutes of Connecticut, revisions of 1958, revised to 1983, as amended, shall be issued to Continental Cablevision of Connecticut, Inc. for the erection of community antenna television towers and associated equipment in the towns of East Granby, Hartland, and Union, as specified in the Council's record on this matter, subject to the following conditions:

1. The towers shall be no taller or wider than proposed and in no event shall
  - a. The East Granby tower exceed 20' plus the height of the dish mounted on the tower,
  - b. The Hartland tower exceed 110', plus the height of dishes mounted on the tower, and
  - c. The Union tower exceed 110' feet, plus the height of the dish mounted on the tower;
2. A fence not lower than eight feet shall surround each facility site;
3. No associated equipment other than that referenced in finding 41 shall be added to the East Granby facility without prior notification to the Council;

4. No associated equipment other than that referenced in finding 62 shall be added to the Hartland facility without prior notification to the Council;
5. No associated equipment other than that referenced in finding 71 shall be added to the Union facility without prior notification to the Council;
6. The East Granby facility shall be screened with appropriate evergreen vegetation;
7. The applicant shall comply with the reporting requirements of a development and management plan pursuant to section 16-50j-77 of the regulations of state agencies;
8. The facilities construction shall be conducted in accordance with all applicable federal, state, and municipal laws and regulations; and
9. This decision and order shall be void if all construction authorized is not completed by June 30, 1987.

We hereby direct, pursuant to section 16-50p(c) of the General Statutes, that a copy of the decision and order be served on each person listed below. A notice of the issuance shall be published in the Hartford Courant, Manchester Journal Inquirer and the Winsted Evening Citizen. The parties to this proceeding are:

Mr. Roger Worboys  
General Manager  
Continental Cablevision of  
Connecticut, Inc.  
5 Shoham Road  
East Windsor, Connecticut 06088

(Applicant)

Leete, O'Neill & Kosto  
60 Washington Street  
Suite 600  
Hartford, Connecticut 06106

(its attorney)

Mr. Eugene Biggio  
595 North Main Street  
Suffield, Connecticut 06078

(service waived)

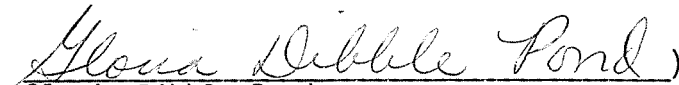

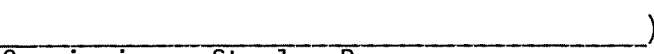
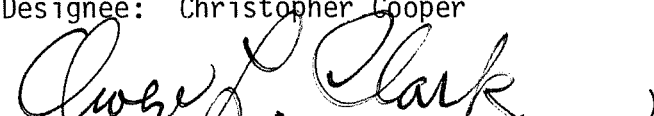
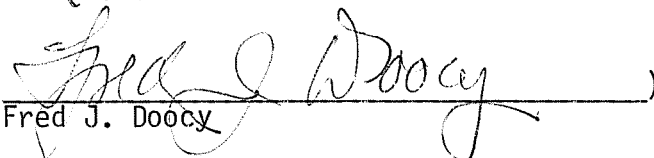
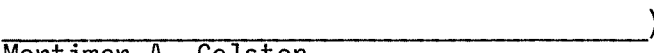
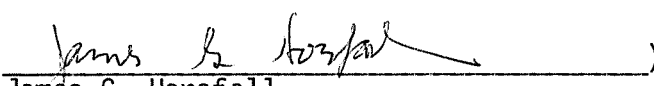

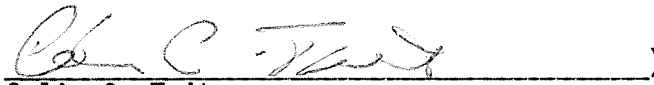
Mr. Louis E. Roberts  
Second Selectman  
606 Buckley Highway  
Union, Connecticut

Mr. James Johnston  
12 Hillside Avenue  
Enfield, Connecticut

C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut, this 24th day of February, 1984.

<u>Council Members</u>	<u>Vote Cast</u>
 Gloria Dibble Pond Chairperson	Yes
 Commissioner John Downey Designee: Commissioner Peter G. Boucher	Yes
 Commissioner Stanley Pac Designee: Christopher Cooper	Absent
 Owen L. Clark	Yes
 Fred J. Doocy	Yes
 Mortimer A. Gelston	Absent
 James G. Horsfall	Yes
 Janet Sitty	Yes
 Colin C. Tait	Yes

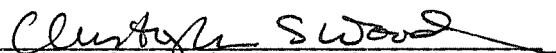
STATE OF CONNECTICUT  
COUNTY OF HARTFORD

)  
:  
)

ss. New Britain, February 24, 1984

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

  
\_\_\_\_\_  
Christopher S. Wood, Executive Director  
Connecticut Siting Council



# ATTACHMENT 3

ORIGIN ID:GAA (301) 266-0258  
CATHERINE CONKLIN  
GENERAL DYNAMICS  
4603 KEMPER STREET

SHIP DATE: 31MAY23  
ACTWGT: 2.00 LB  
CAD: 105486753/NET4610

ROCKVILLE, MD 20853  
UNITED STATES US

BILL SENDER

TO **DAVID EATON, FIRST SELECTMAN**  
**TOWN HALL**  
**1043 BUCKLEY HIGHWAY**

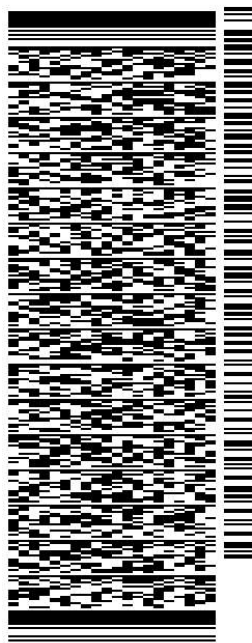
**UNION CT 06076**

REF:

(860) 684-3812  
INV/  
PO:

DEPT:

583J2/29AB/FE2D

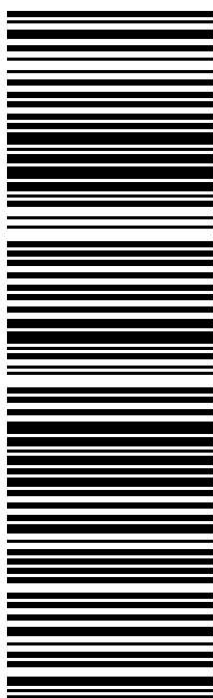


J232023040501uv

TRK#  
0201 **7723 0226 3000**

**THU - 01 JUN 10:30A**  
**PRIORITY OVERNIGHT**

**EB QCWA**  
**06076**  
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](http://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.



June 06, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 772302263000

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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>	K.JOHNSON	<b>Delivery Location:</b>	
<b>Service type:</b>	FedEx Priority Overnight		
<b>Special Handling:</b>	Deliver Weekday		UNION, CT,
		<b>Delivery date:</b>	Jun 6, 2023 11:43

---

**Shipping Information:**

---

<b>Tracking number:</b>	772302263000	<b>Ship Date:</b>	Jun 1, 2023
		<b>Weight:</b>	1.0 LB/0.45 KG
<b>Recipient:</b>		<b>Shipper:</b>	
UNION, CT, US,		ROCKVILLE, MD, US,	

Signature image is available. In order to view image and detailed information, the shipper or payor account number of the shipment must be provided.

ORIGIN ID:GAA (301) 266-0258  
CATHERINE CONKLIN  
GENERAL DYNAMICS  
4603 KEMPER STREET  
ROCKVILLE, MD 20853

SHIP DATE: 31MAY23  
ACTWGT: 2.00 LB  
CAD: 105486753/NET4610

BILL SENDER  
UNITED STATES US

TO LEEANN FITZGERALD, PLANNING & ZONIN

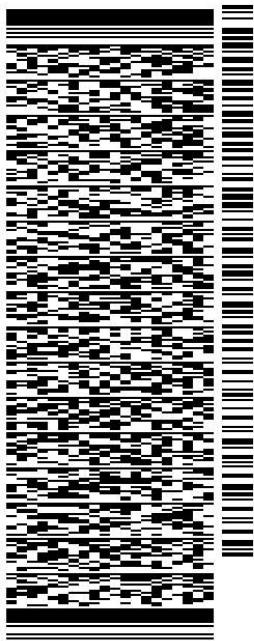
TOWN HALL  
1043 BUCKLEY HIGHWAY

UNION CT 06076

REF:

(860) 684-3812  
INV/

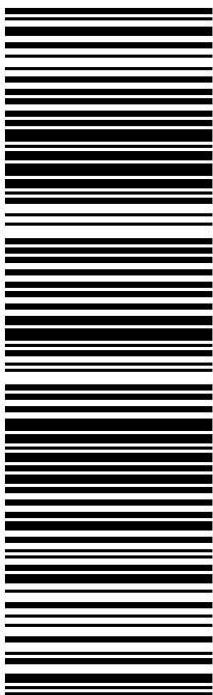
DEPT:



TRK# 7723 0229 1308  
0201

THU - 01 JUN 10:30A  
PRIORITY OVERNIGHT

EB QCWA 06076  
CT-US BDL



583J2/29AB/FE2D

**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.

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June 06, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 772302291308

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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>	L.FITZGERALD	<b>Delivery Location:</b>	
<b>Service type:</b>	FedEx Priority Overnight		
<b>Special Handling:</b>	Deliver Weekday		UNION, CT,
		<b>Delivery date:</b>	Jun 5, 2023 11:49

---

**Shipping Information:**

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<b>Tracking number:</b>	772302291308	<b>Ship Date:</b>	Jun 1, 2023
		<b>Weight:</b>	2.0 LB/0.91 KG
<b>Recipient:</b>		<b>Shipper:</b>	
UNION, CT, US,		ROCKVILLE, MD, US,	

Signature image is available. In order to view image and detailed information, the shipper or payor account number of the shipment must be provided.

ORIGIN ID:GAA (301) 266-0258  
CATHERINE CONKLIN  
GENERAL DYNAMICS  
4603 KEMPER STREET

ROCKVILLE, MD 20853  
UNITED STATES US

SHIP DATE: 31MAY23  
ACTWGT: 2.00 LB  
CAD: 105486753/NET4610

BILL SENDER

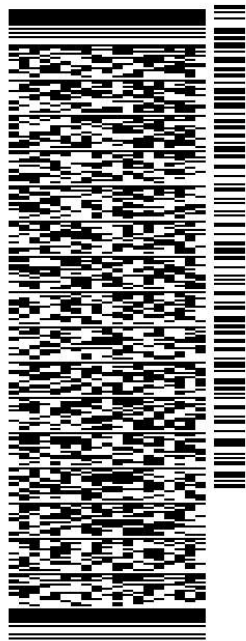
TO **MARGARET M. HARRISON**

**145 MIHALIAK ROAD**

**WILLINGTON CT 06279**

REF: (860) 684-4686  
INV/ PO:

DEPT:



J232023040501uv

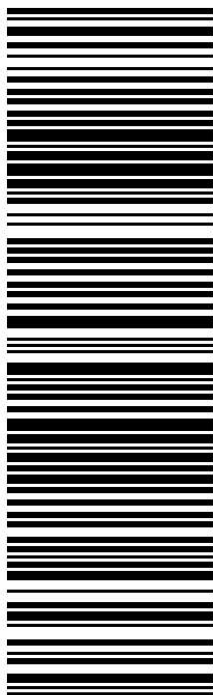
583J2/29AB/FE2D

TRK# 7723 0232 4244  
0201

THU - 01 JUN 12:00P  
PRIORITY OVERNIGHT

**EB GONA**

06279  
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.

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June 02, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 772302324244

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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>	145 MIHALIAK RD
<b>Service type:</b>	FedEx Priority Overnight		
<b>Special Handling:</b>	Deliver Weekday; Residential Delivery		WILLINGTON, CT, 06279
		<b>Delivery date:</b>	Jun 2, 2023 11:12

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**Shipping Information:**

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<b>Tracking number:</b>	772302324244	<b>Ship Date:</b>	Jun 1, 2023
		<b>Weight:</b>	2.0 LB/0.91 KG

**Recipient:**  
Margaret M. Harrison,  
145 Mihaliak Road  
WILLINGTON, CT, US, 06279

**Shipper:**  
Catherine Conklin, General Dynamics  
4603 Kemper Street  
ROCKVILLE, MD, US, 20853

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