

445 Hamilton Avenue, 14th Floor White Plains, New York 10601 T 914 761 1300 F 914 761 5372 cuddyfeder.com

Lucia Chiocchio lchiocchio@cuddyfeder.com

3/25/20

BY ELECTRONIC MAIL

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

Re: New Cingular Wireless PCS, LLC ("AT&T")

Notice of Exempt Modification Emergency Back-up Generator

49 Wig Hill Road, Chester, CT 06412

Lat.: 41.40388110° Long.: -72.47244310°

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 at 49 Wig Hill Road in the Town of Chester, Connecticut. Negrelli Hazel C Family Trustee is the owner of the underlying property and Crown Castle is the owner of the tower. 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 20kW 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.¹ 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."² The planned modifications will ensure continuity of services by reinforcing AT&T's back-up 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";³
- 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 facility was originally approved by the Council in 1994 by Docket No. 181 as illustrated by the Decision and Order dated May 13, 1998 enclosed as Attachment 2. This modification complies with the conditions of the aforementioned approval.

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 fenced equipment compound. Thus, AT&T respectfully requests a waiver from submission of information relating to the existing tower structure or the radiofrequency 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 by email to the Town First Selectwoman Lauren Gister and Planning & Zoning Department as well as by first class mail to

¹ See Council Administrative Notice Item No. 39

² See Council Administrative Notice Item No. 39.

³ R.C.S.A. § 22a-69-1.8.

the property owner and structure owner identified above. Certificate of mailing 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,

Lucia Chiocchio

Attachments

cc: First Selectwoman Lauren Gister, Town of Chester
Judy Brown, Zoning Enforcement Officer
Crown Castle, Tower Owner
Negrelli Hazel C Family Trustee, Property Owner
AT&T
General Dynamics Information Technology
Daniel Patrick, Esq. & Julie Durkin, Cuddy & Feder, LLP

Lucia Chrocchio

ATTACHMENT 1





GENERATOR PROJECT 30KW GENERAC DIESEL GENERATOR 200A GENERAC ATS

49 WIG HILL ROAD CHESTER, CT 06412

1 VICINITY MAP

AERIAL VIEW OF SITE

SITE NAME: CHESTER WIG HILL RD

FA LOCATION CODE: 10035231

CROWN BUN: 800515

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 CURREN' EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE GOVERNING LOCAL AUTHORITIES. NOTHING N THESE PLANS ARE TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- INTERNATIONAL BUILDING CODE 2015
- . NATIONAL ELECTRIC CODE 2017
- 3. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL
- 4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION
- . TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL OWER AND ANTENNA SUPPORTING STRUCTURES
- . TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR

PROJECT INFORMATION

PROJECT MANAGER:

1

JOF JARVIS MARKET LEAD

GENERAL DYNAMICS WIRELESS SERVICES

661 MOORE RD STE 110 KING OF PRUSSIA, PA 19406 joseph.jarvis@gdit.com

ENGINEER:

RAMAKER \$ ASSOCIATES, INC. 855 COMMUNITY DRIVE SAUK CITY, WI 53583 PH.: (608) 643-4100 FAX: (608) 643-7999

CONTACT: TYLER BEATTY tbeatty@ramaker.com

APPLICANT INFORMATION: 150 STANDARD DR HANOVER, MD 21076

SITE NAME: CHESTER WIG HILL RD FA NUMBER: 10035231

TOWER OWNER:

2000 CORPORATE DR, 11TH FLOOR CANONSBURG, PA 15317

PROPERTY OWNER NEGRELLI HAZEL C FAMILY TRUSTEE P.O. BOX 1175

TRURO, MA 02666 ADDRESS: 49 WIG HILL ROAD

CHESTER, CT 06412 COUNTY: MIDDLESEX

41.40388110° -72.47244310°

GROUND ELEVATION: 356 FT AMSL

DO NOT SCALE DRAWINGS:

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTIN 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

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NOTES:

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

ELECTRICAL & GROUNDING:

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 ATS, CONDUIT # GROUND ROD DETAILS
- GENERAC GENERATOR SPECIFICATIONS
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AT¢T MGR. DATE

GENERAL DYNAMICS

SIGNATURE BLOCK

DATE CONSTRUCTION MGR.

SITE ACQUISITION

CHESTER WIG HILL RD FA ID # 10035231

DATE 03/02/2020

855 Community Dr, Sauk City, WI 53583 608-643-4100 www.Ramaker.com

Sauk City, WI • Willmar, MN Woodcliff Lake, NJ · Bayamon, PR

GENERAL DYNAMICS

Information Technology, Inc.

PREPARED FOR:

CONSULTANT:

GENERAL DYNAMICS

661 MOORE RD STE 110

KING OF PRUSSIA, PA 19406

hereby certify that this plan, specification, or

49 WIG HILL ROAD CHESTER, CT 06412

TITLE SHEET

SCALE: NONE

45811

NOTES TO SUBCONTRACTOR:

- . THE GENERAL SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS. CONDITIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
- 2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- 3. THE SUBCONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMAN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE
- 4 CONSTRUCTION SUBCONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. CONSTRUCTION SUBCONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION SUBCONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT
- . SITE GROUNDING SHALL COMPLY WITH AT&T WIRELESS SERVICES TECHNICAL SPECIFICATIONS FOR FACILITY GROUNDING FOR CELL SITE STANDARDS, LATEST EDITION, AND COMPLY WITH AT&T TOWERS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF TOWER.
- 6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION, IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE SUBCONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
- 7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
- 8. ANY DAMAGE TO THE ADJACENT PROPERTIES WILL BE CORRECTED AT THE SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDOWNER AND THE ENGINEER.
- 9. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. SUBCONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR
- IO. SUBCONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- II. THE SUBCONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE SUBCONTRACTOR'S EXPENSE.
- I 2. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO THE PROPERTY OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE SUBCONTRACTOR
- I 3. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
- 14. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER. COMPLETION OF THE SITE DEVELOPMENT. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAIN AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR
- I.5. PERMITS: THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS. INSPECTIONS, CERTIFICATES, ETC.
- I 6. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT
- I 7. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES AND/OR EXISTING UTILITIES BELIEVED TO BE IN THE WORKING AREA. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS. THE SUBCONTRACTOR SHALL CONTACT THE LOCAL JURISDICTION'S DIGGER'S HOTLINE BEFORE DIGGING OR DRILLING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE SUBCONTRACTOR'S EXPENSE.

GENERAL NOTES

- . THIS PROPOSAL IS FOR THE ADDITION OF A NEW GENERATOR ON A CONCRETE PAD TO AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF AN EQUIPMENT SHELTER AND TOWER
- 2. THE PROPOSED FACILITY WILL BE LINMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE
- 3. THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITAT. (NO HANDICAP

ACCESS IS REQUIRED)

- 4. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION. APPROXIMATELY 2 TIMES PER MONTH BY AT&T TECHNICIANS.
- 5. OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.
- G. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS
- 7. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION
- 8. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTION REQUIRED FOR CONSTRUCTION.
- 9. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.

ELECTRICAL NOTES A. GENERAL

- I. COORDINATE LOCATION AND POWER REQUIREMENTS OF ALL EQUIPMENT WITH AT\$T AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
- 2 COORDINATE LOCATION AND REQUIREMENTS FOR ELECTRICAL AND TELEPHONE SERVICES WITH THE PROPERTY REPRESENTATIVE. AT&T AND UTILITY COMPANIES. ROUTING OF CONDUITS MAY BE MODIFIED TO MEET SITE REQUIREMENTS. EXACT CONDUIT ROUTING TO
- 3. ALL WIRING AND EQUIPMENT SHOWN ON ELECTRICAL SHEETS SHALL BE FURNISHED AND INSTALLED UNDER ELECTRICAL PORTION OF CONTRACT UNLESS OTHERWISE NOTED
- 4. UNINTERRUPTED ELECTRICAL SERVICE FOR EXISTING EQUIPMENT SHALL BE MAINTAINED DURING THE INSTALLATION OF THE WORK DESCRIBED UNDER THESE DOCUMENTS TEMPORARY EQUIPMENT, CABLES AND WHATEVER ELSE IS NECESSARY SHALL BE PROVIDED AS REQUIRED TO MAINTAIN ELECTRICAL SERVICE. TEMPORARY SERVICE FACILITIES, IF REQUIRED AT ANY TIME, SHALL NOT BE DISCONNECTED OR REMOVED UNTIL NEW SERVICE EQUIPMENT IS IN PROPER OPERATION. IF ANY SERVICE OR SYSTEM MUST BE INTERRUPTED, THE CONTRACTOR SHALL REQUEST PERMISSION IN WRITING STATING THE DATE. TIME. ETC. THE SERVICE WILL BE INTERRUPTED AND THE AREAS AFFECTED. THIS REQUEST SHALL BE MADE IN SUFFICIENT TIME FOR PROPER ARRANGEMENTS TO BE MADE. WRITTEN PERMISSION SHALL BE OBTAINED FROM THE OWNER BEFORE INTERRUPTING ELECTRICAL SERVICE
- 5. COORDINATE NEW WORK WITH OTHER TRADES AND VERIFY EXISTING CONDITIONS TO AVOID INTERFERENCE. IN CASE OF INTERFERENCE, AT&T'S REPRESENTATIVE WILL DECIDE WHICH WORK IS TO BE RELOCATED. REGARDLESS OF WHICH WAS FIRST INSTALLED
- 6. THE INSTALLATION MUST COMPLY WITH NEC AND ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS.
- 7. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND FOLIPMENT UNLESS OTHERWISE DEFINED BY DIMENSIONS OR DETAILS EXACT EQUIPMENT LOCATIONS AND RACEWAY ROUTING SHALL BE GOVERNED BY ACTUAL FIELD CONDITIONS AND/OR DIRECTIONS FROM AT&T'S REPRESENTATIVE.
- 8. CONTRACTOR SHALL PAY ALL PERMITS AND FEES REQUIRED.
- 9. ALL MATERIALS SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARDS REFERENCED BELOW:
 - ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE)
 - ASTIM (AMERICAN SOCIETY FOR TESTING MATERIALS)
 - ETL (ELECTRICAL TESTING LABORATORY)
 - ICEA (INSULATED CABLE ENGINEERS ASSOCIATION)
 - IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS)
 - MBFI (NATIONAL BOARD OF FIRE UNDERWRITERS)
 - NESC (NATIONAL ELECTRICAL SAFETY CODE) NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION)
 - NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
 - UL (UNDERWRITER'S LABORATORY)
- IO. CONTRACTOR SHALL REVIEW PLANS, DETAILS AND SPECIFICATIONS IN DETAIL AND ADJUST WORK TO CONFORM WITH ACTUAL SITE CONDITIONS SO THAT ELECTRICAL DEVICES AND FOLIPMENT WILL BE LOCATED AND READILY ACCESSIBLE. QUANTITIES LISTED IN MATERIAL LISTS ON THE DRAWINGS ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL PROVIDE HIS OWN TAKEOFF FOR MATERIAL QUANTITY AND TYPES BASED ON ACTUAL SITE CONDITIONS, IN ADDITION, CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS TO INSTALL EQUIPMENT FURNISHED BY AT&T OR ITS SUPPLIERS. ALL ITEMS NOT SPECIFICALLY MENTIONED HEREIN OR SHOWN ON THE DRAWINGS, BUT WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED.
- II. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) AT&T'S REPRESENTATIVE OF ANY CONFLICTS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK, IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
- 12 ALL FLOORS WHERE PENETRATIONS ARE REQUIRED IN BUILDING ARE TO BE CORE DRILLED AND THEN FIREPROOFED

- I. PROVIDE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR AS REQUIRED BY CODE SUCH THAT NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (380 DEGREES TOTAL) FXIST IN A CONDUIT RUN
- 2. ALL POWER AND CONTROL/INDICATION WIRING SHALL BE TYPE THHN/THWN 800V RATED 75 DEGREES CELSIUS, UNLESS NOTED OTHERWISE

- 3. SCHEDULE 80 PVC CONDUIT SHALL BE USED ABOVE GROUND, WHERE ABOVE GRADE IS DEFINED AS THE GROUND OF THE TURN-UP
- 4. BELL END OR TERMINAL ADAPTER MUST BE INSTALLED ON END OF PVC CONDUIT PER NEC 352.46, 300.4 F. (3)
- CONDUIT BENDS SHALL BE MADE IN ACCORDANCE WITH NEC TABLE 346-10. NO RIGHT ANGLE DEVICE OTHER THAN STANDARD CONDUIT ELBOWS WITH 12" MINIMUM INSIDE SWEEPS FOR ALL CONDUITS 2" OR LARGER.
- 6. POWER WIRING SIZE SHALL NOT BE SMALLER THAN #12 AWG
- 7. ALL WIRING SHALL BE COPPER. ALUMINUM WILL NOT BE ACCEPTABLE ALL POWER CIRCUITS SHALL CONTAIN A GROUND WIRE
- 8. PHASE MARKINGS TO BE USED AT POWER CONDUCTOR TERMINATIONS.
- 9. CONTRACTOR SHALL ENSURE INTEGRITY IS MAINTAINED WHEN INSTALLING CONDUIT AND WIRING.
- 10. INSTALL PULL STRING IN ALL CONDUIT
- II. FOR ROOFTOP INSTALLS AND BUILD-OUTS, CONDUITS INSIDE BUILDING AND ON ROOF SHALL BE RGS, UNLESS OTHERWISE NOTED. FOR RAW LAND SITES AND CO-LOCATES, PVC SCHEDULE 80 SHALL BE UTILIZED UNLESS NOTED OTHERWISE.
- 12. MAINTAIN MINIMUM I'-O" VERTICAL AND I'-O" HORIZONTAL SEPARATIONS FROM ANY MECHANICAL GAS PIPING.
- 13. ALL WIRING ROUTED IN PLENUM TO BE RATED OR IN METALLIC FLEX (LIQUIDITE) CONDUIT.

C. EQUIPMENT

- EQUIPMENT/PARTS CONNECTED TO EXISTING PANELS, DUCTS, ETC. SHALL MATCH THE CHARACTERISTICS (A/C, V, A) OF THAT EQUIPMENT.
- 2. ALL ELECTRICAL EQUIPMENT OUTSIDE SHALL BE NEMA OR 3R RATED.

D. GROUNDING

- ALL GROUND CONNECTIONS TO BUILDING SHALL BE MADE USING TWO-HOLE CONNECTORS PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONNECTIONS
- 2 ALL FOUIPMENT SURFACES TO BE BONDED TO GROUNDING SYSTEM SHALL BE STRIPPED OF ALL PAINT AND DIRT. CONNECTIONS TO VARIOUS METALS SHALL BE OF A TYPE AS TO CAUSE A GALVANIC OR CORROSIVE REACTION. AREA SHALL BE REPAINTED FOLLOWING
- 3. ANY METALLIC ITEM WITHIN 6' OF GROUND CONDUCTORS MUST BE CONNECTED TO THE GROUNDING SYSTEM.
- 4. EXTERIOR, ABOVE GRADE GROUND CONNECTIONS SHALL BE FURNISHED WITH A LIBERAL PROTECTIVE COATING OF ANTI-OXIDE COMPOUND.
- ALL MATERIALS AND LABOR REQUIRED FOR THE GROUNDING SYSTEM AS INDICATED ON THE PLANS AND DETAILS, AND AS DESCRIBED HEREIN SHALL BE FURNISHED BY THIS CONTRACTOR LINIESS OTHERWISE NOTED
- 6 EXACT LOCATION OF GROUND CONNECTION POINTS SHALL BE DETERMINED IN FIELD. ADJUST LOCATIONS INDICATED ON PLANS ACCORDING TO ACTUAL EQUIPMENT LOCATIONS TO KEEP THE GROUND CONNECTION CABLES AS SHORT AS PRACTICAL.
- 7. PROVIDE ALL ELECTRICAL SYSTEM AND EQUIPMENT GROUNDS AS REQUIRED BY THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE (1999) AND THE CURRENT EDITION O THE NATIONAL FLECTRICAL SAFETY CODE. BONDING JUMPERS WITH APPROVED GROUND FITTINGS SHALL BE INSTALLED AT ALL RACEWAYS, EQUIPMENT ENCLOSURES, PULL BOXES, ETC. TO MAINTAIN GROUND CONTINUITY WHERE REQUIRED BY CODE
- 8. ALL EQUIPMENT GROUND CONDUCTORS SHALL BE TIN COATED, #2 AWG COPPER UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- 9. PROVIDE PRE AND POST GROUND TEST RESULTS, USING CLAMP-ON TESTER. TEST RESULTS SHALL BE PHOTOS WITH DIGITAL TIME AND GPS STAMPED/EMBEDDED.

E. INSPECTION/DOCUMENTATION

- I. THE CONTRACTOR, UPON COMPLETION OF HIS WORK, SHALL PROVIDE AS-BUILT DRAWINGS INFORMATION SHOULD BE GIVEN TO THE GENERAL CONTRACTOR FOR INCLUSION IN FINAL AS-BUILT SURVEY DOCUMENTS TO BE GIVEN TO THE OWNER.
- 2. CONTRACTOR SHALL SUPPLY DOCUMENTATION ATTESTING TO THE COMPLETE GROUND SYSTEM'S RECEPTIVITY (MAX. 5 OHMS).
- 3. AN ELECTRICAL INSPECTION SHALL BE MADE BY AND INSPECTING AGENCY APPROVED BY AT&T'S REPRESENTATIVE. CONTRACTOR SHALL COORDINATE ALL INSPECTIONS AND OBTAIN POWER COMPANY APPROVAL.
- 4. CONTRACTOR SHALL HAVE ATS AND GENERATOR RELAY INSTALLATION AND CONNECTIONS INSPECTED BY OTHERS TO ENSURE THAT UL LISTING FOR THAT EQUIPMENT IS NOT VOIDED



855 Community Dr, Sauk City, WI 53583 608-643-4100 www.Ramaker.com

Sauk City, WI • Willmar, MN Woodcliff Lake, NJ · Bayamon, PR

PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 661 MOORE RD STE 110 KING OF PRUSSIA, PA 19406

ertification \$ Seal

hereby certify that this plan, specification, or report was prepare by me or under my direct supervision and that I am a duly Licensec Professional Engineer under the laws of the State of <u>Connecticut</u>.



FINAL.

CHESTER WIG HILL RD FA ID # 10035231

DATE 03/02/2020

49 WIG HILL ROAD CHESTER, CT 06412

GENERAL NOTES

SCALE: NONE

4581 N- I SHEET





855 Community Dr, Sauk City, WI 53583 608-643-4100 www.Ramaker.com

Sauk City, WI • Willmar, MN Woodcliff Lake, NJ • Bayamon, PR

PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 661 MOORE RD STE 110 KING OF PRUSSIA, PA 19406

hereby certify that this plan, specification, or report was prepare by me or under my direct supervision and that I am a duly Licensec Professional Engineer under the laws of the State of <u>Connecticut</u>.



HASE FINAL DATE 03/02/2020

CHESTER WIG HILL RD FA ID # 10035231

PROJECT INFORMATION: 49 WIG HILL ROAD CHESTER, CT 06412

SHEET TITLE:

SITE PLAN

Ĭ	6.2)	12	.5		25
11" x 1 22" x 3				12.5' 6.25'		
PROJECT NUMBER			4	458	1-1	
SHEET				A-		

SCOPE OF WORK DETAILS

GENERAL:

- NEW GENERAC DIESEL GENERATOR PROVIDED BY GENERAL
- DYNAMICS & INSTALLED BY GENERAL CONTRACTOR, SEE E-4.

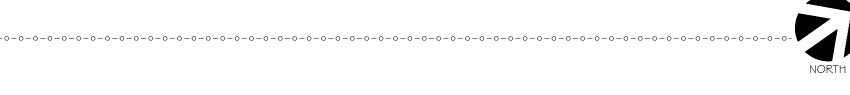
 NEW 4'-0" X I O'-0" CONCRETE PAD PROVIDED & INSTALLED BY GENERAL CONTRACTOR (AS REQUIRED) SEE 5-1
- NEW GENERAC AUTOMATIC TRANSFER SWITCH PROVIDED BY GENERAL DYNAMICS & INSTALLED BY CONTRACTOR (AS REQUIRED)
- CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL RESTORE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

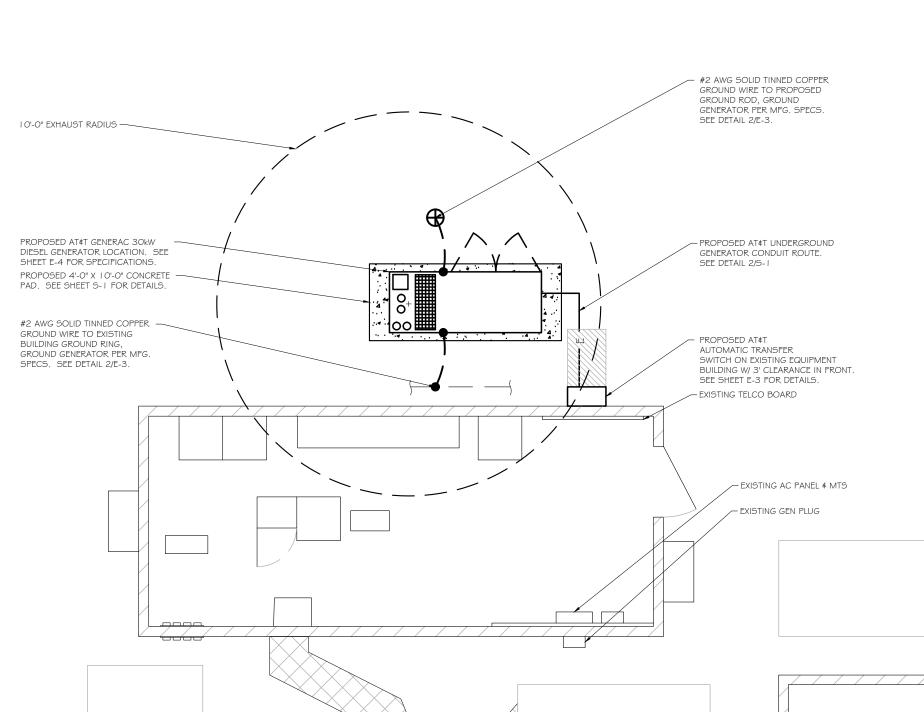
- INSTALL PULL STRING IN EACH CONDUIT
- (1) NEW 2" AND (1) NEW 1" ELECTRICAL CONDUITS WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 \$ E-3.
- (2) NEW I" ELECTRICAL CONDUIT WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO AC PANEL. CONDUIT PROVIDED \$ INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 \$ E-3.
- (I) NEW I" 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'-O" APART.

PROVIDE NEW H-FRAME IF REQUIRED. MATCH EXISTING H-FRAME MATERIAL FOR CONSTRUCTION OF NEW H-FRAME. USE ALL GALVANIZED COMPONENTS, WHITE PLASTIC END CAPS ON UNISTRUTS, WEATHER CAPS ON TOPS OF PIPE AND CONCRETE SUPPORTS BELOW FROST LINE. TOP OF FOOTING SHOULD BE AT LEAST 2" ABOVE EXISTING GROUND LEVEL. SLOPE THE GROUND AWAY FROM THE H-FRAME FOR POSITIVE WATER DRAINAGE OFF





SITE PLAN



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PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

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DATE 03/02/2020 FINAL

CHESTER WIG HILL RD FA ID # 10035231

49 WIG HILL ROAD CHESTER, CT 06412

SITE PLAN & EQUIPMENT LAYOUT

0 2	2.5'	5'	10'
11" x 17" 22" x 34"		" = 5' " = 2.5'	
PROJECT NUMBER		4581	1
SHEET NUMBER		A-2	

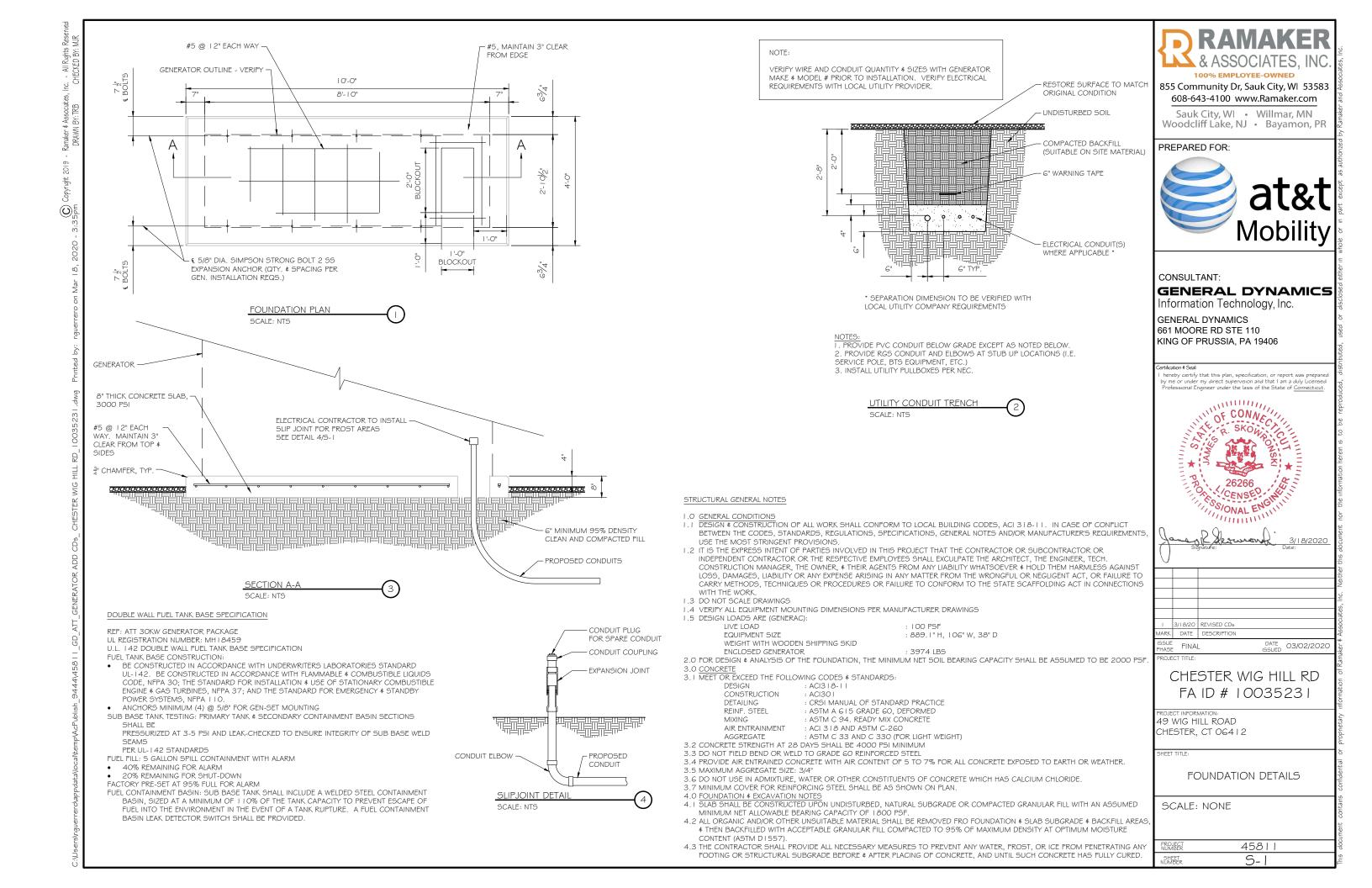


DIAGRAM CIRCUIT SCHEDULE

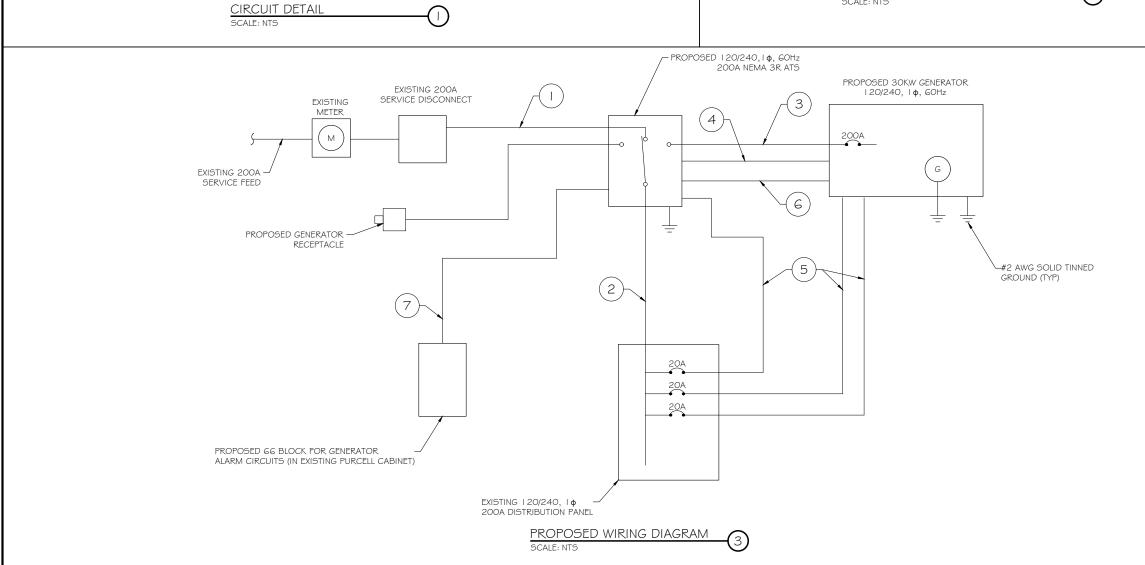
NO.	FROM	ТО	WIRES	GROUND	CONDUIT SIZE	FUNCTION
	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	2"	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) 3/0	(1) #4	2"	POWER FEEDER FROM ATS TO PANEL
3	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	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	" " "	CIRCUIT FOR GENERATOR BLOCK HEATER \$ BATTERY HEATER CIRCUIT FOR BATTERY CHARGER CIRCUIT FOR ATS
6	GENERATOR	AUTOMATIC TRANSFER SWITCH	I 2-PAIR 24 AWG OR 2EA G-PAIR CAT5	N/A	Ι"	ALARM CABLES (I) I 2 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	I 2-PAIR 24 AWG OR 2EA G-PAIR CAT5	N/A	1"	ALARM CABLES (I) I 2 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

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		BLE ONLY, FROM 2ND CAT5 CABLE

ALARM WIRING IDENTIFICATION

CHART SCALE: NTS





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DATE 03/02/2020

HASE FINAL

CHESTER WIG HILL RD FA ID # 10035231

PROJECT INFORMATION: 49 WIG HILL ROAD CHESTER, CT 06412

SHEET TITLE:

WIRING DETAILS

SCALE: NONE

45811 SHEET E- 1

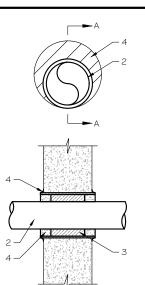
EXISTING PANEL SCHEDULE INFORMATION WAS NOT AVAILABLE AT THE TIME OF DRAWING CREATION.

SCOPE OF WORK REQUIRES (3) PROPOSED SINGLE POLE, 20A BREAKERS, ONE EACH FOR CALLOUT NUMBER 5 ON DETAILS 1/E-1 AND 3/E-1. UTILIZE EMPTY OR SPARE SPACES ON EXISTING PANELBOARD IF POSSIBLE.

IF SUFFICIENT SPACES ARE NOT PRESENT IN MAIN PANEL, PROVIDE NEW SUBPANEL FED WITH NEW TWO-POLE, I OOA BREAKER IN MAIN PANELBOARD. RELOCATE EXISTING CIRCUITS TO SUBPANEL WHERE REQUIRED. SQUARE D QO LOAD CENTER RECOMMENDED AS NECESSARY.

EXISTING PANEL SCHEDULE

SCALE: NTS



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

U.L. SYSTEM NO. C-AJ- I 150 CONDUIT THROUGH BEARING WALL SIMILAR TO U.L. DESIGN NO. U902 F RATING = 3 HRT RATING = O 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 O". (POINT CONTACT) TO MAXIMUM 1-3/8". THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES OR CONDUITS MAY BE USED:
 - A. STEEL PIPE-NOMINAL G" 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
- 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 CPGO IS OR CPGO4 SEALANT IS

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

* BEARING THE UL CLASSIFICATION MARK

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)





CABLE TAP TO TOP OF GROUND

ۯ7]

TAP TO

HORIZONTAL CABLE

VERTICAL STEEL

HORIZONTAL PIPE

SURFACE OR THE SIDE OF



THROUGH CABLE GROUND ROD.



Type GY

Type VV

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



HORIZONTAL CABLE HORIZONTAL STEEL CABLE OFF SURFACE.



Type TA TFF OF

HORIZONTAL RUN

AND TAP CABLES



CABLE TAP TO TOP OF

49 WIG HILL ROAD CHESTER, CT 06412

FINAL

SHEET TITLE:

PANEL AND PENETRATION DETAILS

CHESTER WIG HILL RD

FA ID # 10035231

DATE 03/02/2020

100% EMPLOYEE-OWNED

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CONSULTANT:

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KING OF PRUSSIA, PA 19406

SCALE: NONE

45811 SHEET E-2

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

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



HANDWRITTEN LABELS.

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

GROUND ROD

CONDUIT (TYP)

(2) BUTTERFLY CLAMP AS REQUIRED

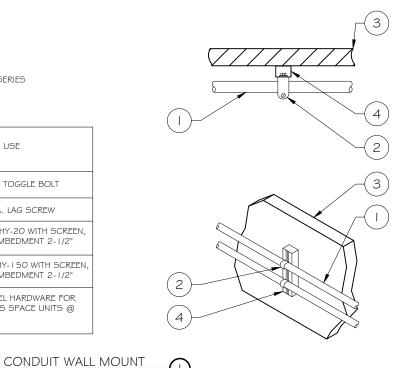
EXISTING WALL/CEILING

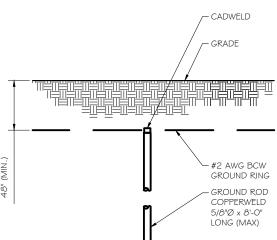
(3)

VERTICAL "UNISTRUT" PI 000 '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'-O" O.C. LENGTH OF RUN

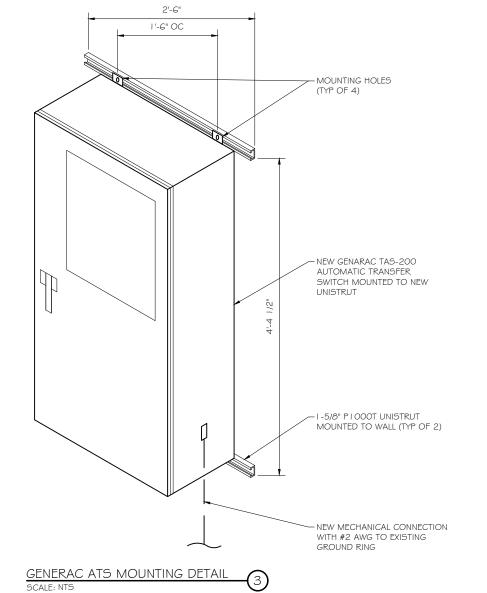




GROUND ROD DETAIL

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"

- 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



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GROUND RODS MAY BE:

SEE RESISTIVITY REPORT FOR VERIFICATION AS

A LARGER CONDUCTOR SHALL BE REQUIRED IN AREAS HIGHLY PRONE TO LIGHTNING AND/OR AREAS WITH HIGHLY ACIDIC SOIL GROUND RODS INSTALLED

AVAILABLE

SOLID COPPER

- COPPER CLAD STEEL

GROUND RODS SHALL HAVE A MAXIMUM SPACING TWICE THE LENGTH OF ROD

WITHIN CLOSE PROXIMITY TO TOWER OR WHEN SOIL IS AT

OR BELOW 2,000 OHM-CM,

SHALL BE GALVANIZED TO

(SEE ANSI/TIA-EIA-222-G)

TO EACH SIDE OF THE

GENERATOR

PROVIDE (I) GROUND LEAD

PREVENT GALVANIC CORROSION OF TOWER,



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SSUE FINAL

CHESTER WIG HILL RD

DATE 03/02/2020

FA ID # 10035231

49 WIG HILL ROAD CHESTER, CT 06412

ATS, CONDUIT & GROUND ROD DETAILS

SCALE: NONE

PROJECT NUMBER	45811
SHEET NUMBER	E-3

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PREPARED FOR:



CONSULTANT:

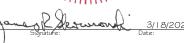
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DATE DESCRIPTION FINAL

DATE 03/02/2020

CHESTER WIG HILL RD

FA ID # 10035231 49 WIG HILL ROAD

CHESTER, CT 06412

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

45811 SHEET E-4

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

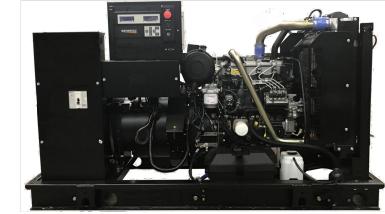


Image used for illustration purposes only

GENERAC* INDUSTRIAL

Codes and Standards

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



UL2200, UL508, UL489, UL142



CSA C22.2



BS5514 and DIN 6271



SAE J1349



NFPA 37, 70, 99, 110



NEC700, 701, 702, 708



ISO 3046, 7637, 8528, 9001

NEMA ICS10, MG1, 250, ICS6, AB1



ANSI

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.

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)

· Audible Alarms and Shutdowns

Not in Auto (Flashing Light)

E-Stop (Red Mushroom-Type)

· Predictive Maintenance Algorithm

NFPA110 Level I and II (Programmable)

• Customizable Alarms, Warnings, and Events

Password Parameter Adjustment Protection

• 0.2 msec High Speed Remote Trending

· Alarm Information Automatically Annunciated

Auto/Off/Manual Switch

Modbus[®] Protocol

Single Point Ground

Sealed Boards

Rust-Proof Fasteners with Nylon Washers to

GENERAC INDUSTRIAL

- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- · Stamped Air-Intake Louvers

ENCLOSURE (If Selected)

- 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 Polvester Powder Coat Paint
- Stainless Steel Hardware

CONTROL SYSTEM



 Rubber-Booted Engine Electrical Connections · Solenoid Activated Starter Motor

SD030 | 2.2L | 30 kW

EPA Certified Stationary Emergency

• Stainless Steel Flexible Exhaust Connectio

· Radiator Duct Adapter (Open Set Only)

Critical Silencer (Enclosed Unit Only)

Closed Coolant Recovery System

50/50 Ethylene Glycol Antifreeze

UV/Ozone Resistant Hoses

· Factory-Installed Radiator

Radiator Drain Extension

· Battery Charging Alternator

Electrical System

Battery Cables

Battery Tray

STANDARD FEATURES

· Factory Filled Oil and Coolant

· Engine Coolant Heater

Fuel Lockoff Solenoid

Primary Fuel Filter

Cooling System

ENGINE SYSTEM

Oil Drain Extension

Air Cleaner

Fan Guard

Fuel System

INDUSTRIAL DIESEL GENERATOR SET

Digital H Control Panel- Dual 4x20 Display

Program Functions

- · Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller

- · 2-Wire Start Capability
- Waterproof/Sealed Connectors
- RS-232/485 Communications
- · All Phase Sensing Digital Voltage Regulator
- Date/Time Fault History (Event Log) Isochronous Governor Control
- on the Display **Full System Status Display**

16 Channel Remote Trending

- Power Output (kW)

- All Phase Currents

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

Alarms and Warnings

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

GENERAC 30KW GENERATOR SPECIFICATIONS SCALE: NTS





 Power Factor · kW Hours, Total, and Last Run

All Phase AC Voltage

• Real/Reactive/Apparent Power

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

GENERAC* | INDUSTRIAL

EPA Certified Stationary Emergency

CONFIGURABLE OPTIONS

ENGINE SYSTEM

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

FUEL SYSTEM

O NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- O 10A UL Listed Battery Charger
- Battery Warmer

ALTERNATOR SYSTEM

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

GENERATOR SET

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

ENGINEERED OPTIONS

ENGINE SYSTEM

- Coolant Heater Isolation Ball Valves
- O Fluid Containment Pan

CONTROL SYSTEM

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

CIRCUIT BREAKER OPTIONS

- Main Line Circuit Breaker
- O 2nd Main Line Circuit Breaker
- O 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
- O Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- AC/DC Enclosure Lighting Kit
- O Door Alarm Switch
- Enclosure Heater
- O Damper Alarm Contacts

WARRANTY (Standby Gensets Only)

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

CONTROL SYSTEM

- O NFPA 110 Compliant 21-Light Remote Annunciator
- O Remote Relay Assembly (8 or 16)
- Oil Temperature Indication and Alarm
- O Remote E-Stop (Break Glass-Type, Surface Mount) O Remote E-Stop (Red Mushroom-Type,
- Surface Mount) Remote E-Stop (Red Mushroom-Type, Flush Mount)
- O 100 dB Alarm Horn
- O Ground Fault Annunciation
- O 120V GFCI and 240V Outlets O Remote Communication - Modem
- O 10A Engine Run Relay

FUEL TANKS (Size On Last Page)

- O 8 in (203.2 mm) Fill Extension
- O 13 in (330.2 mm) Fill Extension
- O 19 in (482.6 mm) Fill Extension
- Overfill Protection Valve

O Fire Rated Stainless Steel Fuel Hose

- O 5 Gallon Spill Box Return Hose
- O 5 Gallon Spill Box
- Tank Risers
- O Fuel Level Switch and Alarm
- 12' Vent System

ALTERNATOR SYSTEM

- O 3rd Breaker System
- **GENERATOR SET**
- Special Testing

FUEL TANKS

- O UL2085 Tank
- Stainless Steel Tanks
- O Special Fuel Tanks Vent Extensions

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

\sim	_	_		J

Make	Perkins
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	4
Туре	In-Line
Displacement - in ³ (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

Crankcase Capacity - qt (L)

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

Lubrication System	
Oil Pump Type	Gear
Oil Filter Type	Full-Flow

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	Н	
Insulation Class - Stator	Н	
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:

GENERAC INDUSTRIAL



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FINAL

CHESTER WIG HILL RD FA ID # 10035231

DATE 03/02/2020

49 WIG HILL ROAD 4 of 6 CHESTER, CT 064 | 2

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

45811 E-4. SHEET

GENERAC 30KW GENERATOR SPECIFICATIONS SCALE: NTS

GENERAC INDUSTRIAL

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
K0050124V21	Q2	K0050124V21	75

FUEL CONSUMPTION RATES*

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

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 ₂ O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

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

GINE	EXHAUST

		Standby			Standby
Rated Engine Speed	RPM	1,800	Exhaust Flow (Rated Output)	scfm (m³/min)	296.6 (8.4)
Horsepower at Rated kW**	hp	49	Max. Allowable Backpressure (Post Turbocharger)	inHg (kPa)	1.5 (5.1)
Piston Speed	ft/min (m/min)	1,181 (360)	Exhaust Temp (Rated Output)	°F (°C)	892 (478)
ВМЕР	psi (kPa)	159 (1,096)			

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

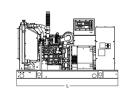
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.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

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)	LxWxH-in (mm)	Weight - Ibs (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)

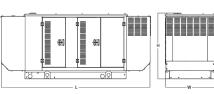
GENERAC INDUSTRIAL





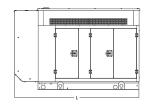
WEATHER PROTECTED ENCLOSURE

Run Usable Time Capacity LxWxH-in		L x W x H - in (mm)		: - Ibs (kg) sure Only
- Hours	- Gal (L)		Steel	Aluminum
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)	070	0.44
47	132 (501)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)	- 372 - (170)	241 (110)
75	211 (799)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)	(170)	(110)
107	300 (1,136)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)	-	



LEVEL 1 ACOUSTIC ENCLOSURE

Run Time	Usable Capacity	L x W x H - in (mm)		t - Ibs (kg) sure Only
- Gal (- Gal (L)		Steel	Aluminum
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)		000
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)	(200)	(104)
107	300 (1,136)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)	-	





LEVEL 2 ACOUSTIC ENCLOSURE

Run Time	Usable Capacity	L x W x H - in (mm)	Weight - Ibs (kg Enclosure Only		
- Hours	- Gal (L)			Aluminum	
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)	540	044	
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)	(202)	(100)	
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

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608-643-4100 www.Ramaker.com Sauk City, WI • Willmar, MN Woodcliff Lake, NJ · Bayamon, PR

PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 661 MOORE RD STE 110 KING OF PRUSSIA, PA 19406

hereby certify that this plan, specification, or report was prepare by me or under my direct supervision and that I am a duly Licensec Professional Engineer under the laws of the State of <u>Connecticut</u>.



1	3/18/20	REVISED CDs				
MARK	DATE	DESCRIPTION				
ISSUE PHASE		L	IS	DATE SUED	03/02/2020	

CHESTER WIG HILL RD FA ID # 10035231

49 WIG HILL ROAD CHESTER, CT 06412

GENERAC 30KW GENERATOR SPECIFICATIONS

SCALE: NONE

45811 E-4.2

GENERAC 30KW GENERATOR SPECIFICATIONS

TTS Series Switches 200 Amps 600 VAC



TAS200 TAS200

200A Automatic Transfer Switch

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:



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



NEC 700, 701 and 702



NEMA 250

Application and Engineering Data

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

Voltage/Phase/Amps	120/240 Single-Phase, 200A 120/208 3-Phase, 200A
	120/240 3-Phase, 200A Eaton 200 amp Utility Breaker
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
	Generator Run Alarm
	Generator Fail — Shutdown Alarm
Alama Tamainal Danad	Generator Fail – Non Shutdown Alarm
Alarm Terminal Board	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	GENERAC				
	Single-Phase: Black L1, Red L2, White-Neutral, Green-Ground					
200A Carriagh Carriagh Carriagh	3-Phase: Black L1, Red L2, Blue L3, White-Neutral, Green-Ground					
200A Camlock Generator Connection	Uses 4 CH E1016 Male Connectors	a a				
	Mating Connector – CH E1016 Female					

855 Community Dr, Sauk City, WI 53583 608-643-4100 www.Ramaker.com Sauk City, WI Willmar, MN Woodcliff Lake, NJ Bayamon, PR PREPARED FOR:

CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 661 MOORE RD STE 110 KING OF PRUSSIA, PA 19406

Certification # Sea

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.



I 3/18/20 REVISED CDs

ARK | DATE | DESCRIPTION | DATE | DAT

PROJECT TITLE:

CHESTER WIG HILL RD FA ID # 10035231

PROJECT INFORMATION: 49 WIG HILL ROAD CHESTER, CT 06412

SHEET TITLE:

GENERAC ATS SPECIFICATIONS

SCALE: NONE

PROJECT 45811
SHEET E-5

GENERAC ATS SPECIFICATIONS

SCALE: NTS

- Time-Delay-Neutral at 0.0-10.0s in 1 second increments

- Voltage: 85-95% of nominal

Engine Minimum Run Timer: 5-30 minutes

Engine Cooldown Timer: 0-20 minutes

GENERAC INDUSTRIAL

TTS Control Systems

Touch Screen Interface





INDICATORS AND BUTTONS

- · System Ready indicator
- Standby Operating indicator
- Utility Available indicator
- GEN/UTIL Switch Position indicator
- · TVSS status

- Normal Test button
- Fast Test button

Exercise Settings:

- Exercise with/without load

- Exercise time-of-day

- Exercise day of week

· Brightness & Contrast button

Screen Calibration button

Startup/Clean screen

- Exercise once every 1, 2, or 4 weeks.

- Exercise duration: 15-30 minutes

Time of day

· Day of week

Screen Settings:

Exercise:

- Return to Normal button
- Reset button
- · Exercising indicator

DETAILS SCREEN

System Settings:

- System Voltage/Phases:
- 120/240V single phase (standard)
- 120/208V three phase (optional) - 120/240V three phase (optional)
- Utility Fail Monitor:
- Under Voltage: 75-95% of nominal voltage
- Over Voltage: 105%-125% of nominal voltage
- Pickup (hysteresis): fixed at 5 volts
- Delay time: 0-60s
- Utility Interrupt Delay: 0-60s
- Return to Utility Timer: 1-30 minutes
- Transfer:
- In-phase, or
- Time-Delay-Neutral at 0.0-10.0s in 1 second increments

- Engine Warm-up timer: 0-20 minutes
- Generator Load Accept:
- Frequency: 85-95% of nominal
- System Ready Transfer switch position
 - Utility available

Diagnostics: Digital I/O bits status Voltage A/D readings

Standby available

Mimic Diagram:

- Maintenance/Auto switch position
- Generator source TS position
- TVSS status

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The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.



Information on the Property Records for the Municipality of Chester was last updated on 3/12/2020.

Parcel Information

Location:	WIG HILL RD	Property Use:	Vacant Land	Primary Use:	Commercial Vacant Land
Unique ID:	99000300	Map Lot:	8/127-1	Acres:	6.77
490 Acres:		Zone:	С	Volume / Page:	166/79
Developers Map / Lot:		Census:			

Value Information

	Appraised Value	Assessed Value
--	-----------------	----------------

	Appraised Value	Assessed Value
Land	864,394	605,080
Buildings	0	0
Detached Outbuildings	312,200	218,540
Total	1,176,594	823,620

Owner's Information

Owner's Data

PO BOX 1175 TRURO, MA 02666

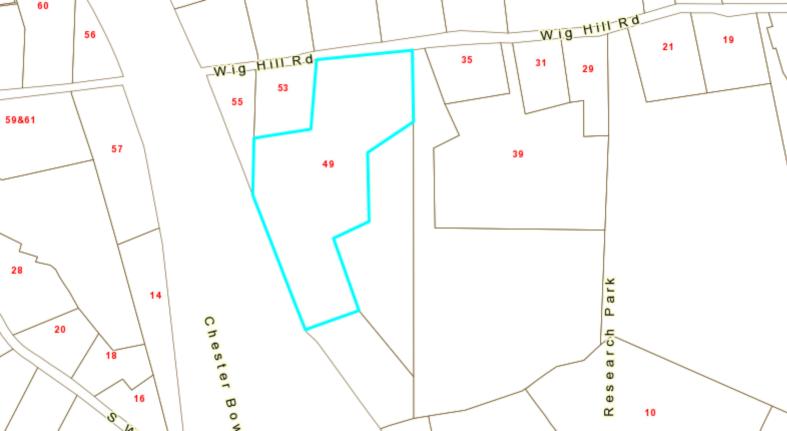
Detached Outbuildings

Туре:	Year Built:	Length:	Width:	Area:
Fencing	1990			500
Towers	1990			1
Building Utility	1990			300
Building Utility	1990			300
Building Utility	1990			300

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Valid Sale	Sale Price
NEGRELLI HAZEL C TRUSTEE	0166	0079	06/08/2016	Quit Claim	No	\$0
NEGRELLI HAZEL C	0166	0045	05/27/2016	Certificate of Devise	No	\$0
RAYNER BRUCE A EST	0163	0071	03/16/2015	Fiduciary Deed	No	\$0
RAYNER MARY C EST	0163	0070	03/16/2015	Fiduciary Deed	No	\$0
RAYNER BRUCE A & MARY C	0159	0710	09/30/2013	Warranty Deed	No	\$0

Information Published With Permission From The Assessor



ATTACHMENT 2





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CONNECTICUT SITING COUNCIL

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Melanie Bachman, Executive Director

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DOCKET NO. 181 - Cellco Partnership d/b/a Bell Atlantic Mobile application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications tower and associated equipment located at 8 Inspiration Lane, or 49 Wig Hill Road in the Town of Chester, Connecticut

Connecticut Siting Council

May 13, 1998

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility at the proposed alternate site in Chester, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Bell Atlantic Mobile (BAM) for the construction, operation, and maintenance of a telecommunications tower, associated equipment, and buildings at the proposed alternate site, on an approximately 18 acre site at 49 Wig Hill Road in the Town of Chester, Connecticut. We deny certification of the proposed prime site, without prejudice, due to the potential effects to the environment associated with the construction of additional future towers that would be required to provide adequate coverage for all carriers along Route 9, with a tower configuration using the proposed prime site.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

- 1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of BAM, Springwich Cellular Limited Partnership (Springwich), Sprint Spectrum L. P. (Sprint), Nextel Communications of the Mid-Atlantic, Inc. (Nextel); and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level (AGL).
- 2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include: a final site plan(s) for site development to include the location and specifications for the tower foundation, antennas, equipment buildings, emergency generator and fuel tank, security fence, access road, and utility line; construction plans for site clearing, tree trimming, water drainage, and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended; provisions for the tower finish that may include painting; and provisions for the prevention and containment of spills and/or other discharge into surface water and groundwater bodies.
- 3. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
- 4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
- 5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
- 6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
- 7. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and ceases to function.
- 8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

APPLICANT ITS REPRESENTATIVE

Bell Atlantic Mobile

Kenneth C. Baldwin, Esq.

Brian C. S. Freeman, Esq.

Robinson & Cole

One Commercial Plaza

Hartford, CT 06103-3597

Mr. David S. Malko, P.E.

Jennifer Young Gaudet

Bell Atlantic Mobile

20 Alexander Drive

Wallingford, CT 06492

INTERVENORS ITS REPRESENTATIVE

Springwich Cellular Limited Partnership

Peter J. Tyrrell, Esq.

General Counsel

500 Enterprise Drive

Rocky Hill, CT 06067-3900

Nextel Communications of the Mid-Atlantic, Inc. d/b/a Nextel Communications

Christopher B. Fisher, Esq.

Cuddy, Feder & Worby, Esq.

90 Maple Avenue

White Plains, NY 10601

Sprint Spectrum, L.P. d/b/a Sprint PCS

Elias A. Alexiades

Julie M. Cashin

Hurwitz and Sagarin, P.C.

147 North Broad Street

Milford, CT 06460

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Ten Franklin Square New Britain, CT 06051 / 860- 827-2935

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ATTACHMENT 3

CERTIFICATION

I hereby certify that on the 25th day of March 2020, a copy of AT&T's Exempt Modification Request to the Connecticut Siting Council was sent by electronic mail to the chief elected official and the planning and zoning department of the municipality in which the facility is located as well as by first class mail to the property owner and tower/facility owner.

Dated: March 25, 2020

Cuddy & Feder LLP 445 Hamilton Ave, 14th Floor White Plains, NY 10601 Attorneys for: New Cingular Wireless PCS, LLC (AT&T)

Lucia Chrocchio