GDIT

February 6, 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 62 Babbitt Hill Road, Pomfret Center, CT 06259 Lat.: 41.87025310; Long.: -071.98827110

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 62 Babbitt Hill Road in the Town of Pomfret, Connecticut. The underlying property is owned by Joseph & Cecile Stoddard and the tower is owned by SBA Infrastructure Inc. 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.

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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 the Maureen A. Nicholson, Town of Pomfret First Selectman, Ryan Brais, Zoning Enforcement Officer, James Rabbitt, Town Planner and Property and Tower Owner as stated above. Certification of Service is enclosed as Attachment 3.

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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

GENERAL DYNAMICS

Information Technology

CC:

Maureen A. Nicholson, Town of Pomfret First Selectman 5 Haven Road Pomfret Center, CT 06259 860-974-0191

Ryan Brais, Zoning Enforcement Officer 5 Haven Road Pomfret Center, CT 06259 860-974-9135

James Rabbitt, Town Planner 5 Haven Road Pomfret Center, CT 06259 860-974-9135

Joseph and Cecile Stoddard, Property Owners 62 Babbitt Hill Road Pomfret Center, CT 06259 508-251-0720

SBA Infrastructure LLC, Tower Owner via email

ATTACHMENT 1

SITE NAME: POMFRET-BABBIT HILL ROAD FA LOCATION CODE: 100505957 SBA#: CT01364

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

62 BABBIT HILL ROAD POMFRET, CT 06259

VICINITY MAP SITE LOCATION

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 I THESE PLANS ARE TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- INTERNATIONAL BUILDING CODE 2021
- . NATIONAL ELECTRIC CODE 2020
- 3. AMERICAN CONCRETE INSTITUTE (ACI) 3 I 8. BUILDING CODE REQUIREMENTS FOR STRUCTURAL
- . AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION
- . TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL TOWER AND ANTENNA SUPPORTING STRUCTURES
- 5. TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR

AERIAL VIEW OF SITE



PROJECT INFORMATION

PROJECT MANAGER:

GENERAL DYNAMICS WIRELESS SERVICES

WESTWOOD, MA 02090 Matthew.Higgins@GDIT.com

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

APPLICANT INFORMATION: 150 STANDARD DR HANOVER, MD 21076

SITE NAME: POMFRET-BABBIT HILL ROAD FA NUMBER: 100505957

PROPERTY OWNER: SBA TOWERS 805 I CONGRESS AVENUE BOCA RATON, FL 33487

ADDRESS: 62 BABBIT HILL ROAD POMFRET, CT 06259

COUNTY: WINDHAM

41.870253° LONG.: -71.988271°

GROUND ELEVATION: 572 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

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SIGNATURE BLOCK

AT¢T MGR. DATE

GENERAL DYNAMICS DATE CONSTRUCTION MGR

SITE ACQUISITION DATE

RAMAKER (608) 643-4100 www.ramaker.com

PREPARED FOR:



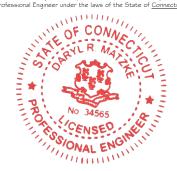
CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090

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



Α	12/07/22	REVISED PCDs
MARK	DATE	DESCRIPTION

DATE 01/24/2023 POMFRET-BABBIT HILL

ROAD

FA ID # 100505957

62 BABBIT HILL ROAD POMFRET, CT 06259

TITLE SHEET

SCALE: NONE

57124 T- I

NOTES TO SUBCONTRACTOR:

- THE GENERAL SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS. CONDITIONS AND FLEVATIONS 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 OF THE WORK
- 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.
- 3. 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
- THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. SUBCONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL
- IO. SUBCONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- I. 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.
- 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
- 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.
- 4. 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 PERIOD
- 15. PERMITS: THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS. INSPECTIONS. CERTIFICATES. ETC.
- 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
- 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 UNMANNED 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.
- 6. 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 BE DETERMINED IN THE FIELD.
- 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 EQUIPMENT 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)
 - MBFU (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 EQUIPMENT 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
- I 2. ALL FLOORS WHERE PENETRATIONS ARE REQUIRED IN BUILDING ARE TO BE CORE DRILLED AND THEN FIREPROOFED.

- 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) EXIST 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
- 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 1'-0" VERTICAL AND 1'-0" HORIZONTAL SEPARATIONS FROM ANY MECHANICAL GAS PIPING.
- 1.3 ALL WIRING ROUTED IN PLENUM TO BE RATED OR IN METALLIC FLEX (LIQUIDITE) CONDUIT

C. EQUIPMENT

- I. 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

- ALL GROUND CONNECTIONS TO BUILDING SHALL BE MADE USING TWO-HOLE CONNECTORS PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONNECTIONS.
- ALL EQUIPMENT 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 UNLESS OTHERWISE NOTED.
- 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
- PROVIDE ALL ELECTRICAL SYSTEM AND EQUIPMENT GROUNDS AS REQUIRED BY THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE AND THE CURRENT EDITION OF THE NATIONAL ELECTRICAL 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
- 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

- 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.
- 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 ULLISTING FOR THAT EQUIPMENT IS NOT VOIDED



PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090

me or under my direct supervision and that I am a duly License onal Engineer under the laws of the State of <u>Connecticut</u>.



A 12/07/22 REVISED PCDs

MARK DATE DESCRIPTION DATE 01/24/2023

ROAD FA ID # 100505957

POMFRET-BABBIT HILL

S2 BABBIT HILL ROAD OMFRET, CT 06259

GENERAL NOTES

SCALE: NONE

57124 N- I

SCOPE OF WORK DETAILS

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-I
- GENERAL CONTRACTOR (AS REQUIRED) 3EL 3-1
 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

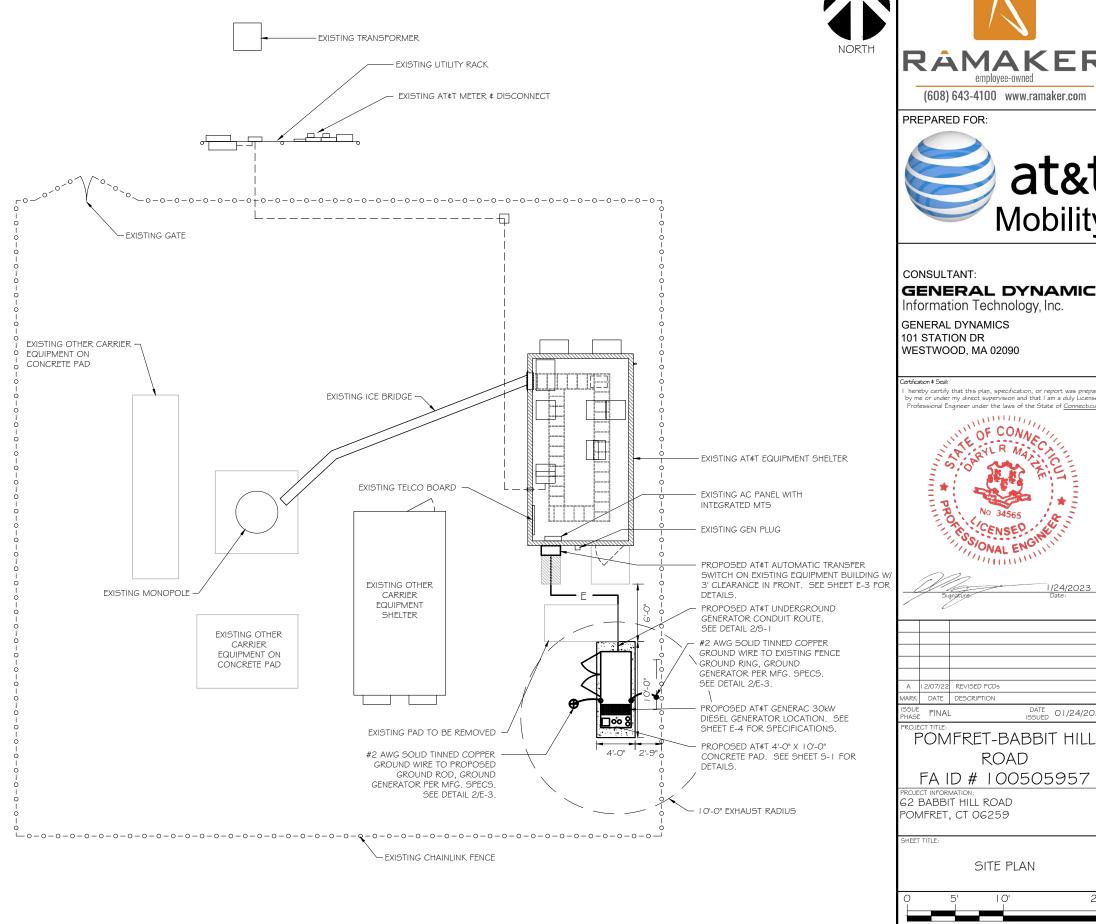
GENERAL:

- INSTALL PULL STRING IN EACH CONDUIT

 (I) NEW 2" AND (I) NEW I " ELECTRICAL CONDUITS WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-I, 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.



SITE PLAN

SCALE: | " = | 0'



(608) 643-4100 www.ramaker.com

PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090

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.

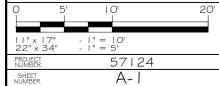


A 12/07/22 REVISED PCDs MARK DATE DESCRIPTION DATE 01/24/2023

ROAD FA ID # 100505957

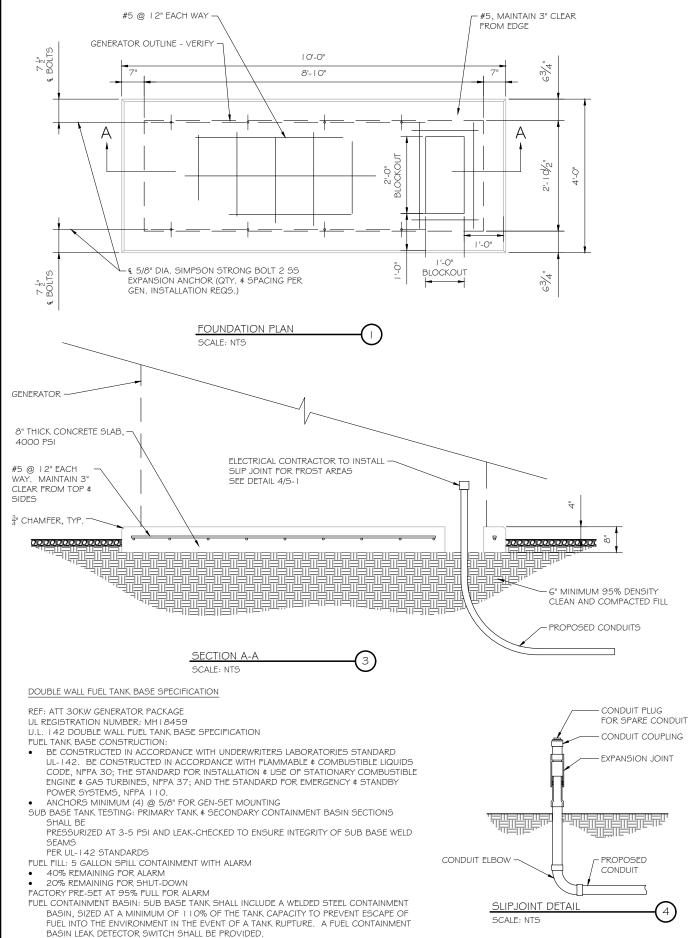
62 BABBIT HILL ROAD POMFRET, CT 06259

SITE PLAN





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NOTE: VERIFY WIRE AND CONDUIT QUANTITY & SIZES WITH GENERATOR MAKE \$ MODEL # PRIOR TO INSTALLATION. VERIFY ELECTRICAL RESTORE SURFACE TO MATCH REQUIREMENTS WITH LOCAL UTILITY PROVIDER. ORIGINAL CONDITION UNDISTURBED SOIL COMPACTED BACKFILL (SUITABLE ON SITE MATERIAL) 6" WARNING TAPE ELECTRICAL CONDUIT(S) WHERE APPLICABLE * 6" TYF

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

I. PROVIDE PVC CONDUIT BELOW GRADE EXCEPT AS NOTED BELOW. 2. PROVIDE RGS CONDUIT AND ELBOWS AT STUB UP LOCATIONS (I.E. SERVICE POLE, BTS EQUIPMENT, ETC.)

3. INSTALL UTILITY PULLBOXES PER NEC.

UTILITY CONDUIT TRENCH SCALE: NTS

STRUCTURAL GENERAL NOTES

- I.I 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.
- I.2 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.
- 1.3 DO NOT SCALE DRAWINGS
- 1.4 VERIPY ALL EQUIPMENT MOUNTING DIMENSIONS PER MANUFACTURER DRAWINGS 1.5 DESIGN LOADS ARE (GENERAC):
 - LIVE LOAD

EQUIPMENT SIZE : 889.1" H, 106" W, 38" D

WEIGHT WITH WOODEN SHIPPING SKID ENCLOSED GENERATOR

: 3974 LBS 2.0 FOR DESIGN \$ ANALYSIS OF THE FOUNDATION, THE MINIMUM NET SOIL BEARING CAPACITY SHALL BE ASSUMED TO BE 2000 PSF 3.0 CONCRETE

3.1 MEET OR EXCEED THE FOLLOWING CODES \$ STANDARDS: : ACI3 | 8- | |

DESIGN CONSTRUCTION : ACI301

CRSI MANUAL OF STANDARD PRACTICE DETAILING REINF. STEEL ASTM A 615 GRADE 60, DEFORMED MIXING ASTM C 94. READY MIX CONCRETE AIR ENTRAINMENT : ACI 3 | 8 AND ASTM C-260

AGGREGATE : ASTM C 33 AND C 330 (FOR LIGHT WEIGHT) 3.2 CONCRETE STRENGTH AT 28 DAYS SHALL BE 4000 PSI MINIMUM

- 3.3 DO NOT FIELD BEND OR WELD TO GRADE 60 REINFORCED STEEL
- 3.4 PROVIDE AIR ENTRAINED CONCRETE WITH AIR CONTENT OF 5 TO 7% FOR ALL CONCRETE EXPOSED TO EARTH OR WEATHER.
- 3.5 MAXIMUM AGGREGATE SIZE: 3/4" 3.6 DO NOT USE IN ADMIXTURE, WATER OR OTHER CONSTITUENTS OF CONCRETE WHICH HAS CALCIUM CHLORIDE.

- 3.7 MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS SHOWN ON PLAN.
- 4 O FOUNDATION & FXCAVATION NOTES
- 4.1 SLAB SHALL BE CONSTRUCTED UPON UNDISTURBED. NATURAL SUBGRADE OR COMPACTED GRANULAR FILL WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 1800 PSF.
- 4.2 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 D1557)
- 4.3 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.



PREPARED FOR:



CONSULTANT:

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DATE 01/24/2023

POMFRET-BABBIT HILL **ROAD**

FA ID # 100505957

S2 BABBIT HILL ROAD POMFRET, CT 06259

FOUNDATION DETAILS

SCALE: NONE

57124 5-1

DIAGRAM CIRCUIT SCHEDULE

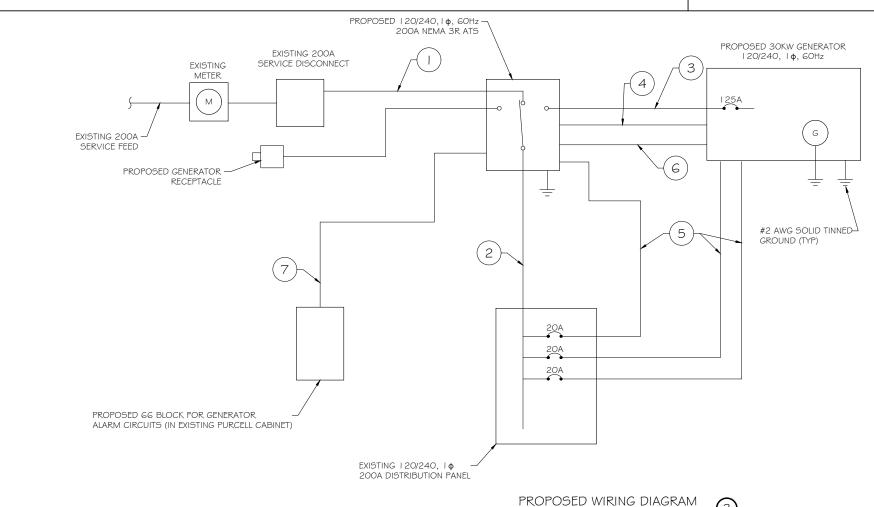
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	2"	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) 3/0	(1) #4	2"	POWER FEEDER FROM ATS TO PANEL
3	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) #1	(1) #6	1-1/2"	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	(I) #I2 (I) #I2 (I) #I2	u u u	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	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	I 2-PAIR 24 AWG OR 2EA G-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

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		

CIRCUIT DETAIL

ALARM WIRING IDENTIFICATION CHART (2)



SCALE: NTS



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	DATE	DESCRIPTION		
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POMFRET-BABBIT HILL ROAD

FA ID # 100505957 PROJECT INFORMATION:
62 BABBIT HILL ROAD

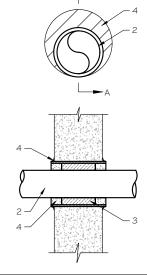
POMFRET, CT 06259

WIRING DETAILS

SCALE: NONE

57124 E- I

AC Distribution Panel - Layout Diagram Breaker Breaker Breaker Breaker On/Off On/Off Position Type Size Circuit Label Position Type Size Circuit Label SPARE OFF 20 1P 2P ON 60 HVAC#1 4 1P ON 20 TELCO, RECEPT. 20 INT. LIGHTS 6 1P ON 20 RECEPT. LEFT 1P ON 1P 20 G.F.C.I. ON 2P ON HVAC#2 EXT. LIGHTS 10 1P ON 20 12 11 2P 30 RECTIFIER 1 & 13 2P OFF 60 SPARE ON 14 13 16 18 15 2P 30 2P OFF 60 ON RECTIFIER 2 & 14 SPARE 17 20 22 19 2P 30 2P OFF 60 ON RECTIFIER 3 & 15 SPARE 21 24 26 23 SPARE, 2P OFF 30 2P OFF 60 **SPARE** 25 RECTIFIER 4 & 16 28 RECEPT. RIGHT 27 1P ON 20 2P OFF 60 SPARE 30 29 1P ON 20 SPARE 31 32 1P 1P 20 SPARE ON 20 SMOKE DETECTOR OFF 33 34 1P OFF 20 SPARE **EMPTY** 35 **EMPTY** 36 **EMPTY /**37 1P ON 20 ATS 38 **EMPTY /**39 1P ON 20 **BLOCK HEATER** 40 **EMPTY** 42 **/**41 1P ON 20 BATTERY CHARGER **EMPTY**



NOTE:

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

- 1. 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 6" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER)
- 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
- 3. 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
- 4. 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. : CP601S, CP604, CP606, OR FS-ONE SEALANT.

* BEARING THE UL CLASSIFICATION MARK

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)

EXISTING PANEL SCHEDULE

SCALE: NTS

- PROPOSED 20A BREAKERS FOR ATS, BLOCK HEATER

AND BATTERY CHARGER ON NEW AT¢T GENERATOR

Type GR

CABLE TAP TOP OF GROUND ROD

Type VN

HORIZONTAL



THROUGH CABLE TO TOP OF GROUND ROD.

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



THROUGH CABLE TO SIDE OF GROUND ROD



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

VERTICAL PIPE



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





AND TAP

CABLES.

HORIZONTAL RUN

POMFRET-BABBIT HILL ROAD

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101 STATION DR

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PANEL AND PENETRATION DETAILS

SCALE: NONE

57124 SHEET E-2

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

CONDUIT (TYP)

2

BUTTERFLY CLAMP AS REQUIRED

(3)

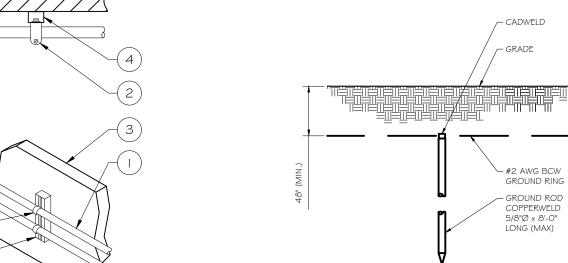
EXISTING WALL/CEILING

(4

VERTICAL "UNISTRUT" P I 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 SCALE: NTS

NOTE:

GROUND RODS MAY BE:

THE LENGTH OF ROD

AVAILABLE

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

WITHIN CLOSE PROXIMITY TO

TOWER OR WHEN SOIL IS AT OR BELOW 2,000 OHM-CM,

SHALL BE GALVANIZED TO

CORROSION OF TOWER,

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

PROVIDE (I) GROUND LEAD TO EACH SIDE OF THE GENERATOR

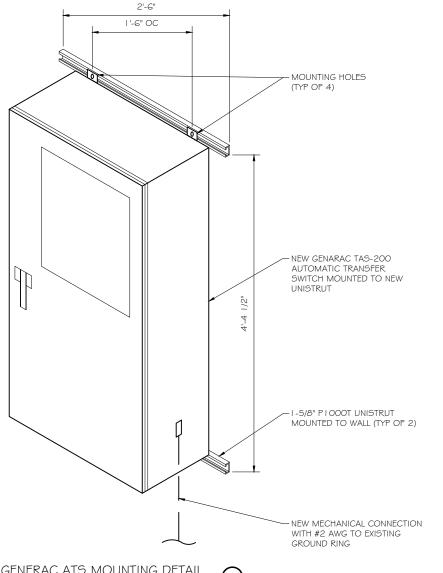
PREVENT GALVANIC

- COPPER CLAD STEEL - SOLID COPPER GROUND RODS SHALL HAVE A MAXIMUM SPACING TWICE

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"

- . 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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POMFRET-BABBIT HILL ROAD

FA ID # 100505957

62 BABBIT HILL ROAD POMFRET, CT 06259

ATS, CONDUIT & GROUND ROD DETAILS

SCALE: NONE

57124 SHEET E-3

GENERAC ATS MOUNTING DETAIL SCALE: NTS

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET GENERAC INDUSTRIAL

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

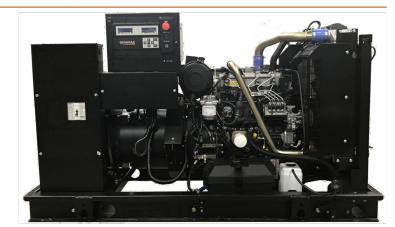


Image used for illustration purposes only

Codes and Standards

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



UL2200, UL508, UL489, UL142



CSA 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 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

CONTROL SYSTEM

GENERAC

Program Functions

Programmable Crank Limiter

• 7-Day Programmable Exerciser

RS-232/485 Communications

· 2-Wire Start Capability

Digital H Control Panel- Dual 4x20 Display

Special Applications Programmable Logic Controller

· All Phase Sensing Digital Voltage Regulator

Date/Time Fault History (Event Log)

· Isochronous Governor Control

· Waterproof/Sealed Connectors

- 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

GENERAC | INDUSTRIAL

- 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

- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch

· Audible Alarms and Shutdowns

- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events Modbus[®] Protocol
- · Predictive Maintenance Algorithm
- Sealed Boards
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- on the Display

Full System Status Display

- · kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase Currents

- Frequency
- Password Parameter Adjustment Protection

- Alarm Information Automatically Annunciated

- Power Output (kW)
- Power Factor

- · All Phase AC Voltage

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

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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DATE 01/24/2023

POMFRET-BABBIT HILL **ROAD**

FA ID # 100505957 62 BABBIT HILL ROAD POMFRET, CT 06259

ARK DATE DESCRIPTION

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

57124 F-4

GENERAC 30KW GENERATOR SPECIFICATIONS

 \odot

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

FUEL SYSTEM

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

- Extended Factory Testing
- Pad Vibration Isolation

ENGINE SYSTEM

Fluid Containment Pan

CONTROL SYSTEM

- O 8 Position Load Center

ENGINEERED OPTIONS

Coolant Heater Isolation Ball Valves

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

CIRCUIT BREAKER OPTIONS

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

ENCLOSURE

- O Weather Protected Enclosure
- Level 1 Sound Attenuation
- O Level 2 Sound Attenuation
- O 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
- Door Alarm Switch
- Enclosure Heater
- O Damper Alarm Contacts

WARRANTY (Standby Gensets Only)

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

CONTROL SYSTEM

- O NFPA 110 Compliant 21-Light Remote Annunciator
- Remote Relay Assembly (8 or 16)
- O il Temperature Indication and Alarm
- O Remote E-Stop (Break Glass-Type, Surface Mount) O Remote E-Stop (Red Mushroom-Type,
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- O 100 dB Alarm Horn
- Ground Fault Annunciation
- O 120V GFCI and 240V Outlets O Remote Communication - Modem
- 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 5 Gallon Spill Box Return Hose
- O 5 Gallon Spill Box
- Tank Risers O Fuel Level Switch and Alarm
- O 12' Vent System O Fire Rated Stainless Steel Fuel Hose
- O 7 Year Extended Limited Warranty

ALTERNATOR SYSTEM FUEL TANKS

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

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

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET **EPA Certified Stationary Emergency**

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

	-		

Vlake	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
ntake 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 - gt (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)

GENERAC INDUSTRIAL

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%

RAMAKER (608) 643-4100 www.ramaker.com PREPARED FOR:



CONSULTANT:

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Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090

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A | 12/07/22 REVISED PCDs ARK DATE DESCRIPTION

DATE 01/24/2023

POMFRET-BABBIT HILL ROAD

FA ID # 100505957 62 BABBIT HILL ROAD POMFRET, CT 06259

GENERAC 30KW GENERATOR SPECIFICATIONS

SCALE: NONE

57124 F-4 I

GENERAC 30KW GENERATOR SPECIFICATIONS

SD030 | 2.2L | 30 kW INDUSTRIAL DIESEL GENERATOR SET GENERAC INDUSTRIAL

EPA Certified Stationary Emergency

OPERATING DATA

POWER RATINGS

	Standby
30 kW	Amps: 125
30 kW	Amps: 104
30 kW	Amps: 90
30 kW	Amps: 45
30 kW	Amps: 36
	30 kW 30 kW

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*

	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)
	* Fuel supply installation m	ust accommodate fuel

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)

consumption rates at 100% load.

COMBUSTION AIR REQUIREMENTS

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

ENGINE			EATIAGGT	
		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)
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

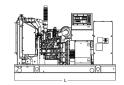
Prime - See Bulletin 0187510SSB

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*

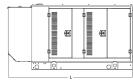




OPEN SET (Includes Exhaust Flex)

Run Time - Hours	Usable Capacity - Gal (L)	LxWxH-in (mm)	Weight - 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)

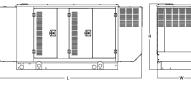
GENERAC INDUSTRIAL





WEATHER PROTECTED ENCLOSURE

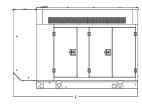
Run Time	Usable Capacity	L x W x H - in (mm)	Weight - lbs (kg) Enclosure Only		
- Hours	- Gal (L)		Steel	Aluminum	
No Tank	-	94.8 (2,409) x 38.0 (965) x 49.5 (1,258)			
19	54 (204)	94.8 (2,409) x 38.0 (965) x 62.5 (1,588)	070	0.44	
47	132 (501)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)	372 (170)	241 (110)	
75	211 (799)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)	(170)		
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			i - Ibs (kg) sure Only
- 110015	- Gal (L)		Steel	Aluminum
No Tank	-	112.5 (2,857) x 38.0 (965) x 49.5 (1,258)	- - 505 - (230)	
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)		338 (154)
75	211 (799)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)		(107)
107	300 (1,136)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)		





LEVEL 2 ACOUSTIC ENCLOSURE

RunTime - Hours Usable Capacity LxWxH-in (mm)	Weight - Ibs (kg Enclosure Only			
- 110015	- Gal (L)		Steel	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	0.44
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)	(133)
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.

Generac Power Systems, Inc. | P.O. Box 8 | Waukesha, WI 53189

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Part No. 10000024842 Rev. B 08/27/18 RAMAKER (608) 643-4100 www.ramaker.com

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CONSULTANT:

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A | 12/07/22 REVISED PCDs ARK DATE DESCRIPTION

DATE 01/24/2023 POMFRET-BABBIT HILL

ROAD FA ID # 100505957

62 BABBIT HILL ROAD POMFRET, CT 06259

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

57124 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



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

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

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			
Diedkei	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			
Alaysa Taysainal Dagud	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				
	Single-Phase: Black L1, Red L2, White-Neutral, Green-Ground				
	3-Phase: Black L1, Red L2, Blue L3, White-Neutral, Green-Ground				
200A Camlock Generator Connection	Uses 4 CH E1016 Male Connectors				
	Mating Connector – CH E1016 Female				



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A | 12/07/22 REVISED PCDs MARK DATE DESCRIPTION

ROAD FA ID # 100505957

POMFRET-BABBIT HILL

DATE 01/24/2023

62 BABBIT HILL ROAD POMFRET, CT 06259

GENERAC ATS SPECIFICATIONS

SCALE: NONE

57124 E-5

GENERAC ATS SPECIFICATIONS

TAS200

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
- 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 Settings:

- Engine Warm-up timer: 0-20 minutes
- Generator Load Accept:
- Time-Delay-Neutral at 0.0-10.0s in 1 second increments
- Voltage: 85-95% of nominal
- Frequency: 85-95% of nominal
- Engine Minimum Run Timer: 5-30 minutes
- Engine Cooldown Timer: 0-20 minutes

Exercise Settings:

- Time of day
- · Day of week
- Exercise:
- Exercise with/without load
- Exercise once every 1, 2, or 4 weeks.
- Exercise time-of-day
- Exercise day of week - Exercise duration: 15-30 minutes

Screen Settings:

- Brightness & Contrast button
- Screen Calibration button Startup/Clean screen

Diagnostics:

- Digital I/O bits status
- Voltage A/D readings

Mimic Diagram:

- · System Ready
- · Transfer switch position
- Utility available
- Standby available
- Maintenance/Auto switch position Generator source TS position
- TVSS status

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A | 2/07/22 REVISED PCDs MARK DATE DESCRIPTION

POMFRET-BABBIT HILL ROAD FA ID # 100505957

DATE 01/24/2023

62 BABBIT HILL ROAD POMFRET, CT 06259

GENERAC ATS SPECIFICATIONS

SCALE: NONE

57124 PROJECT NUMBER SHEET E-5.1

GENERAC ATS SPECIFICATIONS

ATTACHMENT 2

62 BABBITT HILL RD

Location 62 BABBITT HILL RD **Mblu** 23/ B/ 005.00/ A/

Acct# S0159010 Owner STODDARD JOSEPH & CECILE

Assessment \$1,233,900 **Appraisal** \$1,762,700

PID 100643 Building Count 1

Current Value

Appraisal							
Valuation Year Improvements Land Total							
2015	\$1,762,700	\$0	\$1,762,700				
	Assessment						
Valuation Year Improvements Land Total							
2015	\$1,233,900	\$0	\$1,233,900				

Owner of Record

OwnerSTODDARD JOSEPH & CECILESale Price\$0

Co-Owner C/O SBA TOWERS INC Certificate

 Book & Page
 0053/1043

 Sale Date
 02/29/1984

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Sale Date	
STODDARD JOSEPH & CECILE	\$0		0053/1043	02/29/1984	

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Replacement Cost

Less Depreciation: \$0

Building Attributes				
Field Description				
Style	Outbuildings			
Model				

Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Full Baths:	
Half Baths:	
Xtra Fixtrs:	
Total Rooms:	
Extra Kitchens	
Whirlpool	
Fireplace	
Xtra Opening	
Blocked FPL	
Gas Fireplace	

Building Photo



 $\overline{\text{(http://images.vgsi.com/photos/PomfretCTPhotos//} 00\00\37/22}$

Building Layout

Building Layout

(http://images.vgsi.com/photos/PomfretCTPhotos//Sketches/100

Building Sub-Areas (sq f	t) <u>Legend</u>
No Data for Building Sub-	Arone

Extra Features

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

Land

Land Use		Land Line Valuation	
Use Code	4300	Size (Acres)	0
Description	TEL TWR MDL-00	Frontage	0
Zone	RR	Depth	0
Neighborhood		Assessed Value	\$0
Alt Land Appr	No	Appraised Value	\$0
Category			

Outbuildings

Outbuildings					<u>Legend</u>	
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
	CELL TOWER			9	\$1,653,000	1
FN1	FENCE-4' CHAIN			320 L.F.	\$1,700	1
SHD5	Shed-Cell			200 SF	\$54,000	1
SHD5	Shed-Cell			200 SF	\$54,000	1

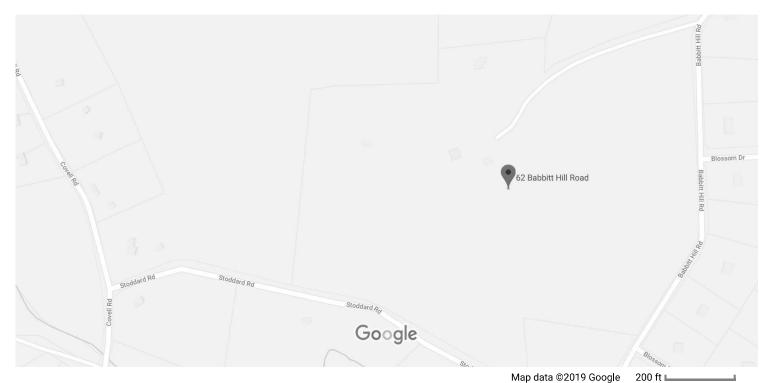
Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$1,762,700	\$0	\$1,762,700
2017	\$1,762,700	\$0	\$1,762,700
2016	\$1,762,700	\$0	\$1,762,700

Assessment			
Valuation Year	Improvements	Land	Total
2018	\$1,233,900	\$0	\$1,233,900
2017	\$1,233,900	\$0	\$1,233,900
2016	\$1,233,900	\$0	\$1,233,900

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Google Maps 62 Babbitt Hill Rd





62 Babbitt Hill Rd

Pomfret Center, CT 06259











Directions

Save

Nearby

Send to your phone

Share



V297+RQ Pomfret, Connecticut

TOWN OF POMFRET BOARD OF SELECTMEN'S MINUTES MEETING OF APRIL 19, 1999

Present: David Patenaude, First Selectman, and Charles Balch, Selectman. Not Present: Thomas Pahl, Selectman. Others Present: Scott Thomae, SBA Inc., Kevin Huff, and Ford Fay.

Dave Patenaude opened the meeting at 8:00 A.M. The minutes of the previous meeting of April 5, 1999 were duly approved.

Citizen Comments: Kevin Huff commented that he was concerned about person(s)' inappropriate interference or interruptions in Town Board/Commission meetings.

Correspondence: None

Current Business

- 1. Road Issues-No discussion
- 2. Selectmen's Goals 1999-No discussion
- 3. Recreation Committee-No discussion
- 4. Ad Hoc Traffic Committee-Update

A plan was submitted to the Board of Finance for the bus turn-around. The Board of Education was told to included the expenditure in their 1999-2000 proposed budget.

- 5. Positively Pomfret Day-No Update
- 6. Steak-Umm-Assessment Appeal-Tabled Until Next Meeting

New Business

1. Kevin Huff-357 Orchard Hill Rd: Trailer Permit

Kevin Huff was present with his trailer permit application. Kevin said this is for a trailer that already exists on the property but he never finished the process. The septic is installed and NEDDH has already signed off on the application. Dave reviewed the trailer ordinance with Mr. Huff. A plot plan is needed, a building permit must be taken out and the Building Inspector must sign off on the trailer permit application, and the \$50.00 application fee must be paid.

2. SBA Inc.-Scott Thomae: Telecommunications Tower Application-Babbitt Hill Rd.

Scott Thomae of SBA Inc. submitted a telecommunications tower application with all attached documentation. SBA is to build the tower only; they are not a communications company. The tower will hold up to five carriers. Mr. Thomae reviewed the proposal and findings section with the Selectmen. He reviewed the site maps for existing coverage, which included PCS digital systems and existing cellular coverage, and the projected coverage done by an electrical engineer. This showed that a second tower in Pomfret will not be needed. Mr. Thomae reviewed the basic structural design, tower specifications, copy of the lease showing the improvements to restore the area back to normal state, specifications for panel antennas, letters of integrity for safety purposes for monopole communication towers, power density study which shows maximum exposure scenario at 21%, graphs showing that the frequency won't interfere with other carriers in Town, and the map showing the places where the balloon test could be seen in Town.

The findings show that the application was in compliance in all sections except section 3.6 'Surety Bond". Mr. Thomae asked that the Selectmen, in lieu of a donations of \$10,000 to the Town of Pomfret, waive the surety bond requirements. The Selectmen would like a mylar of the

plan filed in the land records. Wetlands approval has been received. Dave made motion that the requirement for a surety bond in section 3.6 of the "Town of Pomfret-Wireless Telecommunication Regulations Ordinance" for the proposed tower by SBA, Inc. be waived. Chuck seconded and the motion was approved all in favor. Motion was made by Dave that the application by SBA, Inc. to construction a telecommunications tower on Babbitt Hill Rd. be approved as presented. Motion was seconded by Chuck and approved unanimously. Mr. Thomae is to get in touch with the Building Inspector. Mr. Thomae submitted a check for \$10,000 in lieu of the bond requirement to be contributed to the Town to be used for recreation or to purchase land for recreation purposes. The check also included \$1,120.00 for building inspection fees.

3. CT Small Cities Community Development Block Grant-Joint Community Application: Resolution with Town of Putnam and Ten NECCOG Towns

Dave explained that the grant is for economic opportunities and is being submitted by the Town of Putnam. The resolutions give the Town of Putnam and NECCOG the authority to act on our behalf in regards to this grant. Motion to approve the resolution for cooperative agreement was made by Chuck. Dave seconded and the motion was approved all in favor. Tax Refunds/Abatements: None

Gun Permits: None

Approval to Pay Bills: Checks #12548-12550 dated 3/30/99 for \$133.76; #12553-12565 dated 4/2-4/14/99 for \$7615.95; and bill checks to be dated 4/19/99 for \$8,558.02. Motion was duly approved to pay the bills as presented.

Adjournment: The meeting was duly adjourned at 9:05 A.M.

Respectfully submitted,

Cheryl A. Grist, Clerk

Pres Pres

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1. T e:

11 u 2 F ID:8609743950

APR 16'99

10:15 No.001 P.12

TOWN ON POMFRET APPLICATION FOR WIRELESS TELECOMMUNICATION STRUCTURES

Permit Number: Date Submitted: Received by:

(Section 2.3.1) Fee:

4/19/99 DID 000 P

(Procedures for this application are explained in the Wireless Telecommunication ordinance) APPLICANT TO FILL OUT THIS SECTION - Please print
 Applicant's Name
 SBA
 INC.
 Phone
 (617)
 803 · 8344

 Address
 125
 5HALL
 5Γ
 50 116
 NEW LONDON, CT
 Fax # (860)
 439 · 0159
 06320 Co-Applicant's Name Phone Address_____Fax# If there is an agent for the applicant, please fill in name below: Name SCOTT THOMAE, TEAM LEADER SBA INC. Phone SAME AS ABOVE
Address 125 SHALL ST SO 116 NEW LONDON, CT FAX! LOCATION OF TOWER Owner of the land JOSEPH & CECILE STODDARD Phone (860) 974 .0635 Address G2 BABBITT HILL ROAD
Street Name BABBITT HILL ROAD Map 23 Block B Lot 005 (Get from Assessor's office) Nearest roads/intersections: PROPOSED ACTIVITY: (check those that apply) If Commercial Dindustrial Industrial Industr Ja New Construction EJ Addition **ETAlteration** Please provide the following information with this application: a. Site Plan Ingredients (section 3.2) Five (5) copies of site plan - 24" x 36" at a scale of 1" = 40' prepared by a professional land surveyor licensed in the State of Connecticut. Name of Connecticut Registration Number of Land Surveyor and Professional Engineer. All final plans must have original signatures on maps. c. Soil Erosion and Sediment Control Plan (section 3.3) a map of 1" = 50" d. Name of Soil Scientist ROBERT GRABATEK /OSPREY ENVIRONMENTAL & ENGINEERING e. Architectural Plans (see section 4.1.2.) Fees: \$1,000.00. Please note: If the cost to process and review the application exceeds the initial fee of \$1000.00, the applicant shall pay all associated costs incurred by the Commision and/or the Town prior to the issuance of a permit, (Section 2.3), The undersigned hereby acknowledges that this application, to the best of his/her knowledge, conforms to the Wireless Telecommunications Regulations Ordinance of the Town of Pomfret and that approval of the plan is contingent upon compliance with all requirements of said ordinance. The undersigned hereby authorizes the Pomfret Board of Selectmen, or its agont, to enter upon the property for the purpose of inspection and enforcement of said regulations. The undersigned warrants and guarantees that all of the improvements as shown on the final approved site plan map will be installed in a good and workmanlike manner, and individually and severally guarantee to provide all necessary funds with respect thereto. Signed Signed (Property Owner) Note: Before site plan approval is granted, the applicant shall file a surely with the Board of Selectmen payable to the Treasurer of the Town of Portfuet and in a form satisfactory to the Town Counsel and in a mount approved by the Board of Selectmen as sufficient to guarantee completion of these Items specified by the Board of Selectmen age in conformity with the provisions of these Regulations or any amendments thereto in force at the time of filling. Such surety shall be held by the Town Clerk who shall not be authorized by the Board of Selectmen to release such bond until written certification has been regelved from the building Official that all of the requirements of these Regulations have been fully senisfied. Signed Selectmen or Commission Public Hearing: wireapp.wpd Bond Amount: *None-Waived at Selectmen's Meeting 4/19/99 *Donation to Town for Recreation Purposes
Applicant has complied with all requirements of the Ordinance:

If NO Explain: Selectmen waived bond amount at meeting of 4/19/99

ATTACHMENT 3



After printing this label:

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

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

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



Dear Customer,

The following is the proof-of-delivery for tracking number: 771223557148

Delivery Information:				
Status:	Delivered	Delivered To:	Residence	
Signed for by:	Signature not required	Delivery Location:		
Service type:	FedEx Priority Overnight			
Special Handling:	Deliver Weekday; Residential Delivery		POMFRET CENTER, CT,	
		Delivery date:	Feb 8, 2023 15:49	
Shipping Information:				
Tracking number:	771223557148	Ship Date:	Feb 7, 2023	
		Weight:	2.0 LB/0.91 KG	
Recipient:		Shipper:		
POMFRET CENTER, CT, US,		ROCKVILLE, MD, US,		



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Dear Customer,

The following is the proof-of-delivery for tracking number: 771223534916

Delivery Information:					
Status:	Delivered	Delivered To:	Receptionist/Front Desk		
Signed for by:	S.ARKAYAN	Delivery Location:			
Service type:	FedEx Priority Overnight				
Special Handling:	Deliver Weekday		POMFRET CENTER, CT,		
		Delivery date:	Feb 8, 2023 15:56		
Shipping Information:					
Tracking number:	771223534916	Ship Date:	Feb 7, 2023		
		Weight:	2.0 LB/0.91 KG		
Recipient:		Shipper:			
POMFRET CENTER, CT, US,		ROCKVILLE, MD, US	ROCKVILLE, MD, US.		



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Dear Customer,

The following is the proof-of-delivery for tracking number: 771223513344

Delivery Information:				
Status:	Delivered	Delivered To:	Receptionist/Front Desk	
Signed for by:	S.ARKAYAN	Delivery Location:		
Service type:	FedEx Priority Overnight			
Special Handling:	Deliver Weekday		POMFRET CENTER, CT,	
		Delivery date:	Feb 8, 2023 15:56	
Shipping Information:				
Tracking number:	771223513344	Ship Date:	Feb 7, 2023	
		Weight:	1.0 LB/0.45 KG	
Recipient:		Shipper:		
POMFRET CENTER, CT, US,		ROCKVILLE, MD, US,		



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Dear Customer,

The following is the proof-of-delivery for tracking number: 771223490442

Delivery Information:			
Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	S.ARKAYAN	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		POMFRET CENTER, CT,
		Delivery date:	Feb 8, 2023 15:56
Shipping Information:			
Tracking number:	771223490442	Ship Date:	Feb 7, 2023
		Weight:	1.0 LB/0.45 KG
Recipient:		Shipper:	
POMFRET CENTER, C	Γ, US,	ROCKVILLE, MD, US	· ·