GDIT

March 16, 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 116 Grant Hill Road, Brooklyn, CT 06234 Lat.: 41.79129190; Long.: -072.01479890

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 116 Grant Hill Road in the Town of Brooklyn, Connecticut. The underlying property is owned by Jean Paul and Dawna Bernier and the tower is owned by Crown Castle. 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 Austin Tanner, Town of Brooklyn First Selectman, Jana Butts Roberson, Director of Community Development, and Property and Tower Owners 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:

Austin Tanner, First Selectman Town of Brooklyn 4 Wolf Den Road PO Box 356 Brooklyn, CT 06234 (860) 779-3411 x11

Jana Butts Roberson, Director of Community Development Clifford B. Green Memorial Center 69 South Main Street, Suite 22 Brooklyn, CT 06234 (860) 779-3411 x14

Jean Paul and Dawna Bernier, Property Owners 116 Grant Hill Road Brooklyn, CT 06234 (860) 974-3442

Crown Castle, Tower Owner via email

ATTACHMENT 1



GENERATOR PROJECT 30KW GENERAC DIESEL GENERATOR 200A GENERAC ATS

116 GRANT HILL ROAD **BROOKLYN, CT 06234**



SITE NAME: BROOKLYN WEST

FA LOCATION CODE: 10070957

CROWN BUN: 876390

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

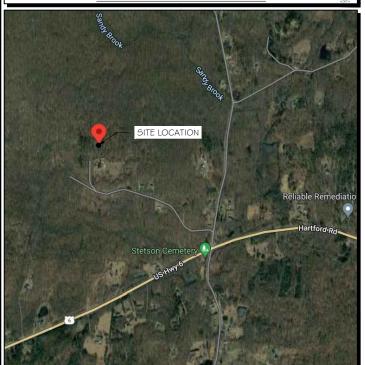
CONNECTICUT PUBLIC ACT 87-71 REQUIRES MIN. 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE.

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

- INTERNATIONAL BUILDING CODE 2021
- . NATIONAL ELECTRIC CODE 2020
- . 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:

MATTHEW HIGGINS 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 CONTACT: TYLER BEATTY tbeatty@ramaker.com

APPLICANT INFORMATION: 150 STANDARD DR HANOVER, MD 21076

SITE NAME: BROOKLYN WEST FA NUMBER: 10070957

CROWN CASTLE 2000 CORPORATE DR. CANONSBURG, PA 15317

ADDRESS: I I 6 GRANT HILL ROAD

BROOKLYN, CT 06234

COUNTY: WINDHAM COUNTY

41.79148° LONG.: -72.01496

GROUND ELEVATION: 732 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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- PANEL AND PENETRATION DETAILS ATS. CONDUIT & GROUND ROD DETAILS
- GENERAC GENERATOR SPECIFICATIONS
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- GENERAC ATS SPECIFICATIONS
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AT¢T MGR.

GENERAL DYNAMICS CONSTRUCTION MGR.

SITE ACQUISITION DATE

SIGNATURE BLOCK

DATE DATE ARK DATE DESCRIPTION DATE 03/14/2023

BROOKLYN WEST FA ID # 10070957

RAMAKER

(608) 643-4100 www.ramaker.com

GENERAL DYNAMICS

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>.

Information Technology, Inc.

Mobility

PREPARED FOR:

CONSULTANT:

GENERAL DYNAMICS

WESTWOOD, MA 02090

101 STATION DR

I 6 GRANT HILL ROAD BROOKLYN, CT 06234

TITLE SHEET

SCALE: NONE

55412 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.
- 5. 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.
- S. 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

- 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

hereby certify that this plan, specification, or report was prei me or under my direct supervision and that I am a duly License ional Engineer under the la vs of the State of Connecticut.



DATE DESCRIPTION

DATE 03/14/2023

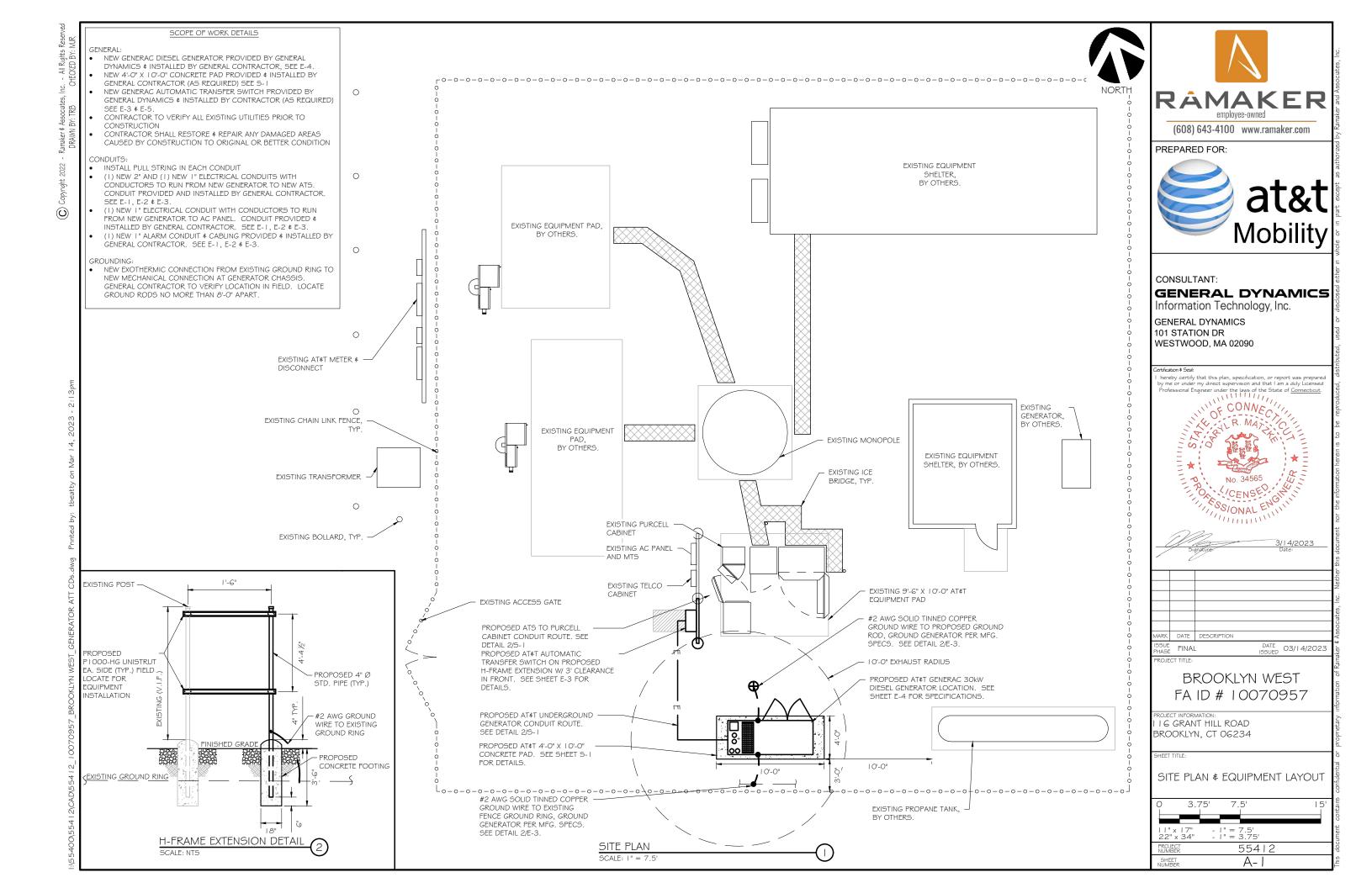
BROOKLYN WEST FA ID # 10070957

I 6 GRANT HILL ROAD BROOKLYN, CT 06234

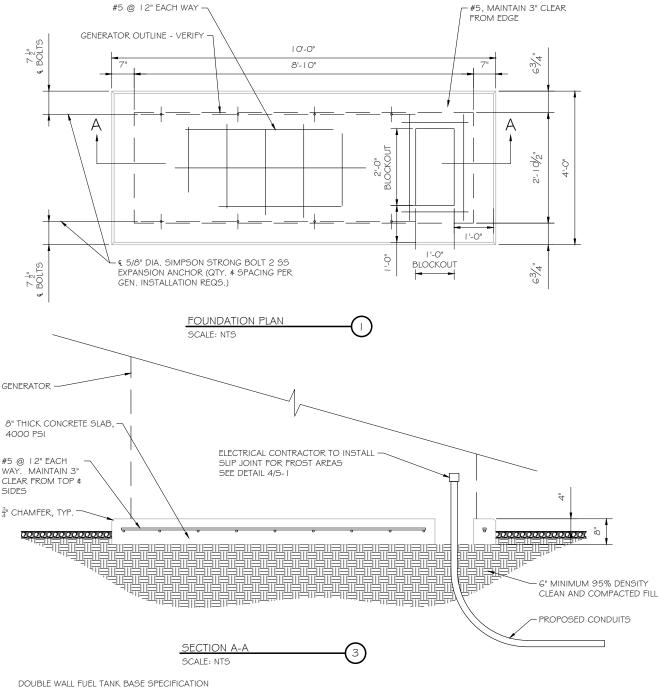
GENERAL NOTES

SCALE: NONE

55412 N- I







REF: ATT GENERATOR PACKAGE

UL REGISTRATION NUMBER: MH I 8459

U.L. 142 DOUBLE WALL FUEL TANK BASE SPECIFICATION

FUEL TANK BASE CONSTRUCTION:

- BE CONSTRUCTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARD UL-142. BE CONSTRUCTED IN ACCORDANCE WITH FLAMMABLE & COMBUSTIBLE LIQUIDS CODE, NFPA 30; THE STANDARD FOR INSTALLATION & USE OF STATIONARY COMBUSTIBLE ENGINE & GAS TURBINES, NFPA 37; AND THE STANDARD FOR EMERGENCY & STANDBY POWER SYSTEMS, NFPA 110.
- ANCHORS MINIMUM (4) @ 5/8" FOR GEN-SET MOUNTING
- SUB BASE TANK TESTING: PRIMARY TANK \$ SECONDARY CONTAINMENT BASIN SECTIONS SHALL BE

PRESSURIZED AT 3-5 PSI AND LEAK-CHECKED TO ENSURE INTEGRITY OF SUB BASE WELD SEAMS

PER UL-142 STANDARDS

FUEL FILL: 5 GALLON SPILL CONTAINMENT WITH ALARM

BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.

- 40% REMAINING FOR ALARM
- 20% REMAINING FOR SHUT-DOWN FACTORY PRE-SET AT 95% FULL FOR ALARM
- FUEL CONTAINMENT BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 110% OF THE TANK CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK RUPTURE. A FUEL CONTAINMENT

CONDUIT PLUG FOR SPARE CONDUIT CONDUIT COUPLING - EXPANSION JOINT CONDUIT ELBOW PROPOSED CONDUIT SLIPJOINT DETAIL SCALE: NTS

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

UNDISTURBED SOIL COMPACTED BACKFILL (SUITABLE ON SITE MATERIAL) 6" WARNING TAPE ELECTRICAL CONDUIT(S) WHERE APPLICABLE * 6" TYF

ORIGINAL CONDITION

* 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:

DESIGN : ACI3 | 8- | | 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
- 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.

RESTORE SURFACE TO MATCH 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 preme or under my direct supervision and that I am a duly License



IARK DATE DESCRIPTION

DATE 03/14/2023

BROOKLYN WEST FA ID # 10070957

I 6 GRANT HILL ROAD BROOKLYN, CT 06234

FOUNDATION DETAILS

SCALE: NONE

55412 5-1

DIAGRAM CIRCUIT SCHEDULE

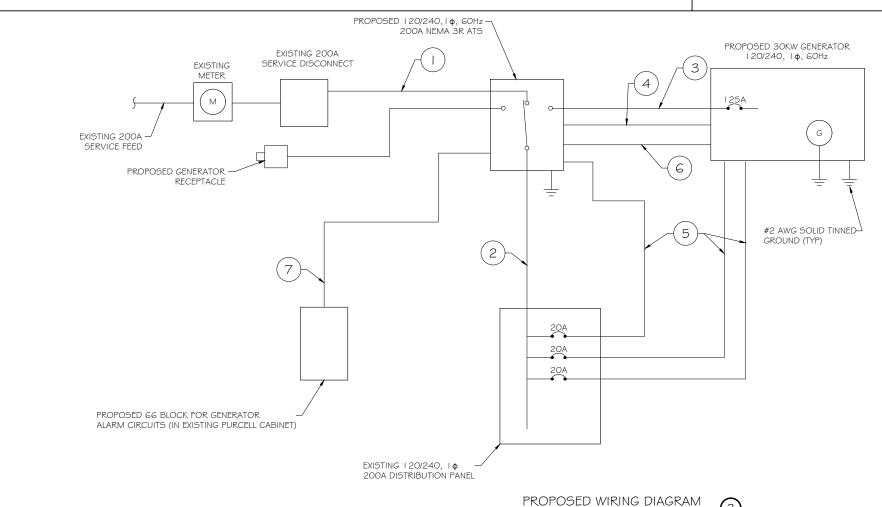
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	2"	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) 3/0	(1) #4	2"	POWER FEEDER FROM ATS TO PANEL
3	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) #1	(1) #6	1-1/2"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

CIRCUIT DETAIL
SCALE: NTS

ALARM WIRING IDENTIFICATION CHART 2



SCALE: NTS



PREPARED FOR:



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Certification \$ Seal:

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



MARK DATE DESCRIPTION

UE SE FINAL DATE 155UED 03/14/2023

PROJECT TITLE:

BROOKLYN WEST FA ID # 10070957

PROJECT INFORMATION: I I G GRANT HILL ROAD BROOKLYN, CT 06234

SHEET TITLE

WIRING DETAILS

SCALE: NONE

PROJECT 55412
SHEET E-

PROPOSED 2P BREAKER FOR PROPOSED SUBPANEL, SEE DETAIL 1 a/E-2. (SQUARE D QO LOAD CENTER RECOMMENDED)

EXISTING PANEL SCHEDULE

(I) CIRCUIT RELOCATED FROM POSITION 14/16 OF EXISTING AC PANELBOARD

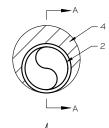
	AC Distribution Sub Panel - Layout Diagram								
Breaker	Breaker	On/Off	Size	Circuit Label	Breaker	Breaker	On/Off	Size	Circuit Label
Position	Type	OllyOll	Size	Circuit Laber	Position	Type	Unjun	Size	Circuit Label
1	2P	ON	50	UMTS	2				
3	26	ON	30	OWI13,	4				
5	1P	ON	20	BATTERY CHARGER	6				
7	1P	ON	20	/ BLOCK HEATER	8				
9	1P	ON	20	/ ATS	10				
			/	/ / /					

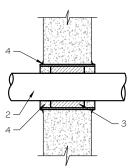
PROPOSED 20A BREAKERS FOR ATS. BLOCK HEATER AND BATTERY CHARGER ON NEW ATET GENERATOR

PROPOSED SUBPANEL SCHEDULE

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





- 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.
- 2. 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. : CP6015, CP604, CP606, OR FS-ONE SEALANT.

* BEARING THE UL CLASSIFICATION MARK

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)



Type VN

HORIZONTAL

CABLE TAP GROUND ROD



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



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

Type TA

TEE OF

AND TAP

CABLES.

HORIZONTAL RUN





PREPARED FOR:



CONSULTANT:

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MARK DATE DESCRIPTION

BROOKLYN WEST FA ID # 10070957

DATE 03/14/2023

PRO IECT INFORMATIO 16 GRANT HILL ROAD BROOKLYN, CT 06234

PANEL AND PENETRATION DETAILS

SCALE: NONE

55412 E-2

CADWELD DETAILS

CONDUIT (TYP)

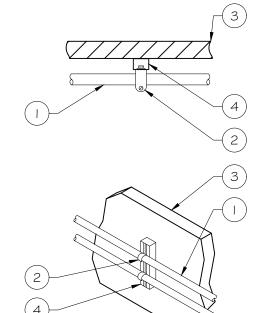
2 BUTTERFLY CLAMP AS REQUIRED

(3) EXISTING WALL/CEILING

VERTICAL "UNISTRUT" P I 000 T' SERIES LENGTH BASED ON NUMBER OF CONDUIT TO BE MOUNTED (4

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



- CADWELD - GRADE #2 AWG BCW GROUND RING ₽ GROUND ROD COPPERWELD 5/8"Ø x 8'-0" LONG (MAX)

> 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

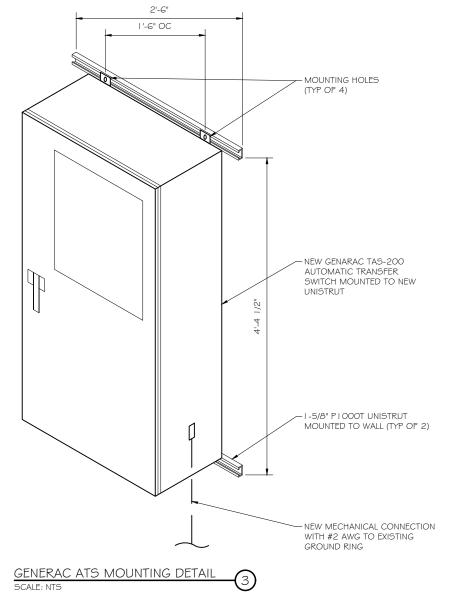
- COPPER CLAD STEEL - SOLID COPPER GROUND RODS SHALL HAVE A MAXIMUM SPACING TWICE

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"

CONDUIT WALL MOUNT

SCALE: NTS

- . 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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MARK DATE DESCRIPTION

DATE 03/14/2023

BROOKLYN WEST FA ID # 10070957

PRO JECT INFORMATION 16 GRANT HILL ROAD BROOKLYN, CT 06234

ATS, CONDUIT & GROUND ROD DETAILS

SCALE: NONE

55412 SHEET E-3

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





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



ANSI

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 Lockoff Solenoid
- Primary Fuel Filter

Cooling System

Fuel 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)

- Rust-Proof Fasteners with Nylon Washers to
- High Performance Sound-Absorbing Material (Sound Attenuation Enclosures)
- Gasketed Doors
- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods
- Stainless Steel Lift Off Door Hinges
- 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

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

Full System Status Display

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

- Coolant Temperature
- Engine Speed
- · Battery Voltage
- Coolant Temperature
- Engine Overspeed
- Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Alarms and Warnings

ENCLOSURE (If Selected)

Protect Finish

GENERAC | INDUSTRIAL

- (Radiator and Exhaust)
- Stainless Steel Lockable Handles

- Check Valve In Supply and Return Lines
- RhinoCoat™ Textured Polyester Powder Coat Paint
- Stainless Steel Hardware
- · Oil Pressure
- Coolant Level
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Level
- Snap Shots of Key Operation Parameters During
- Alarms and Warnings Spelled Out (No Alarm Codes)

CONSULTANT:

101 STATION DR

WESTWOOD, MA 02090

PREPARED FOR:

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3/14/2023

DATE 03/14/2023

BROOKLYN WEST

6 GRANT HILL ROAD BROOKLYN, CT 06234

DATE DESCRIPTION

GENERAC 30KW GENERATOR **SPECIFICATIONS**

FA ID # 10070957

SCALE: NONE

55412 F-4

GENERAC 30KW GENERATOR SPECIFICATIONS

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

O 8 Position Load Center

ENGINEERED OPTIONS

ENGINE SYSTEM

- Coolant Heater Isolation Ball Valves
- Fluid Containment Pan

CONTROL SYSTEM

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

ALTERNATOR SYSTEM

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

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
- 12' Vent System
- O Fire Rated Stainless Steel Fuel Hose

FUEL TANKS

- 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

\sim	_	_	_	

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 - qt (L)	11.2 (10.6)

Cooling System

Coo	ling System Type	Closed Recovery	
Wate	er 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%

RAMAKER GENERAC INDUSTRIAL

(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, by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Connecticut.



RK DATE DESCRIPTION

BROOKLYN WEST FA ID # 10070957

DATE 03/14/2023

I 6 GRANT HILL ROAD BROOKLYN, CT 06234

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

55412 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		
Single-Phase 120/240 VAC @1.0pf	30 kW	Amps: 125	
Three-Phase 120/208 VAC @0.8pf	30 kW	Amps: 104	
Three-Phase 120/240 VAC @0.8pf	30 kW	Amps: 90	
Three-Phase 277/480 VAC @0.8pf	30 kW	Amps: 45	
Three-Phase 346/600 VAC @0.8pf	30 kW	Amps: 36	

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip

277/480 VAC	30%	208/240 VAC	30%
K0035124Y21	61	K0035124Y21	46
K0040124Y21	76	K0040124Y21	58
K0050124Y21	98	K0050124Y21	75

FUEL CONSUMPTION RATES*

	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 must accommodate fuel consumption rates at 100% load.

COOLING

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

COMBUSTION AIR REQUIREMENTS

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

EXHAUST

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

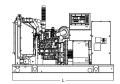
Prime - See Bulletin 0187510SSB

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*

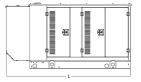




OPEN SET (Includes Exhaust Flex)

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)

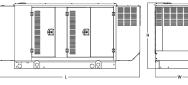
GENERAC INDUSTRIAL





WEATHER PROTECTED ENCLOSURE

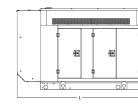
Run Time	Usable Capacity	L x W x H - in (mm)	Weight - lbs (kg) Enclosure Only		
- Hours	- Gal (L)		Steel	Aluminum	
No Tank	-	94.8 (2,409) x 38.0 (965) x 49.5 (1,258)			
19	54 (204)	94.8 (2,409) x 38.0 (965) x 62.5 (1,588)	070	0.44	
47	132 (501)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)	372	241 (110)	
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)			

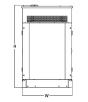




LEVEL 1 ACOUSTIC ENCLOSURE

Run Time	Usable Capacity	L x W x H - in (mm)		t - Ibs (kg) sure Only
- Hours	- 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)	505	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	LxWxH-in (mm)	Weight - Ibs (kg) Enclosure Only	
- Hours	- 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)	-10	0.11
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

PREPARED FOR:



CONSULTANT:

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Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090



RK DATE DESCRIPTION

DATE 03/14/2023

BROOKLYN WEST FA ID # 10070957

I 6 GRANT HILL ROAD BROOKLYN, CT 06234

GENERAC 30KW GENERATOR **SPECIFICATIONS**

SCALE: NONE

55412 E-4.2

GENERAC 30KW GENERATOR SPECIFICATIONS

Standby

296.6 (8.4)

1.5 (5.1)

892 (478)

scfm (m3/min)



TTS Series Switches 200 Amps 600 VAC

GENERAC INDUSTRIAL

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.
Construction	Single Chamber with Main Door
	Steel
	UL Type / NEMA 3R Rated
	Powder Coat Finish for Corrosion Resistance
	C-UL-US Listed - Automatic Transfer Switch
	Stainless Steel Hardware
	3-Point Latching System with Pad-Lockable Handles
Mounting Options	Wall
Nounting 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		
Dieakei	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		
Alayse Tayoninal Daays	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	
2004 Comlack Congretor Connection	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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CONSULTANT:

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GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090



MARK DATE DESCRIPTION DATE 03/14/2023

BROOKLYN WEST FA ID # 10070957

16 GRANT HILL ROAD BROOKLYN, CT 06234

GENERAC ATS SPECIFICATIONS

SCALE: NONE

55412 E-5

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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CONSULTANT:

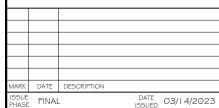
GENERAL DYNAMICS

Information Technology, Inc.

GENERAL DYNAMICS 101 STATION DR WESTWOOD, MA 02090

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





BROOKLYN WEST FA ID # 10070957

PRO IECT INFORMATIO 16 GRANT HILL ROAD BROOKLYN, CT 06234

GENERAC ATS SPECIFICATIONS

SCALE: NONE

55412 PROJECT NUMBER SHEET E-5.1

ATTACHMENT 2

116 GRANT HILL RD

Location 116 GRANT HILL RD **Mblu** 4//5//

Acct# 00024900 Owner BERNIER JEAN PAUL & DAWNA

G

Assessment \$360,930 **Appraisal** \$686,300

PID 255 Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$191,800	\$494,500	\$686,300
	Assessment		
Valuation Year	Improvements	Land	Total
2020	\$134,400	\$226,530	\$360,930

Owner of Record

Owner BERNIER JEAN PAUL & DAWNA G Sale Price \$0

Co-Owner Certificate

 Care Of
 Book
 0462

 Address
 116 GRANT HILL RD
 Page
 0288

BROOKLYN, CT 06234 Sale Date 09/17/2009

Instrument 29 Qualified U

Ownership History

Ownership History						
Owner	Sale Price	Certificate	Instrument	Sale Date	Book	Page
BERNIER JEAN PAUL & DAWNA G	\$0		29	09/17/2009	0462	0288
BERNIER ROBERT E	\$0		29	09/17/2009	0462	0287
BERNIER ROBERT E+AGNES P	\$500			06/19/1968	0045	0291
BERNIER ROBERT E & AGNES P	\$0			11/28/1955	0032	0549

Building Information

Building 1: Section 1

Year Built: 1956
Living Area: 1,595
Replacement Cost: \$265,281
Building Percent Good: 70

Replacement Cost

Less Depreciation: \$185,700

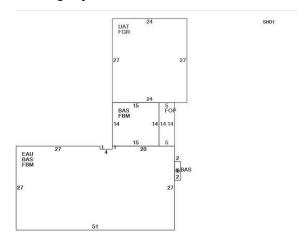
Building Attributes Field Description				
Style:	Cape Cod			
Model	Residential			
Grade:	C+			
Stories:	1.25			
Occupancy	2			
Exterior Wall 1	Vinyl Siding			
Exterior Wall 2	Clapboard			
Roof Structure:	Gable/Hip			
Roof Cover	Asph/F Gls/Cmp			
Interior Wall 1	Drywall/Sheet			
Interior Wall 2				
Interior Flr 1	Hardwood			
Interior Flr 2	Carpet			
Heat Fuel	Oil			
Heat Type:	Hot Water			
AC Type:	None			
Total Bedrooms:	2 Bedrooms			
Total Bthrms:	3			
Total Half Baths:	0			
Total Xtra Fixtrs:	1			
Total Rooms;	6			
Bath Style:	Average			
Kitchen Style:	Modern			
Num Kitchens				
Cndtn				
Num Park				
Fireplaces				
Fndtn Cndtn				
Basement				

Building Photo



(http://images.vgsi.com/photos/BrooklynCTPhotos/\00\00\02\13.JPG)

Building Layout



(ParcelSketch.ashx?pid=255&bid=255)

	Building Sub-Areas (sq ft)		<u>Legend</u>
Code	Description	Gross Area	Living Area
BAS	First Floor	1,595	1,595
EAU	Attic, Expansion, Unfinished	1,373	0
FBM	Basement, Finished	1,583	0
FGR	Garage	648	0
FOP	Porch, Open	70	0
UAT	Attic, Unfinished	648	0
		5,917	1,595

Extra Features

Extra Features <u>Le</u>				<u>Legend</u>
Code	Description	Size	Value	Bldg #
FPL1	FIREPLACE 1 ST	1.00 UNITS	\$1,500	1

FPO	EXTRA FPL OPEN	2.00 UNITS	\$1,100	1
KIT1	EXTRA KITCHEN	1.00 UNITS	\$3,500	1

Land

Land Use Land Line Valuation

Use Code 1070

Description SFR w/INLAW

Zone RA

Neighborhood 0050 Alt Land Appr No

Category

Size (Acres) 105.00

Frontage

Depth

Assessed Value \$226,530

Appraised Value \$494,500

Outbuildings

Outbuildings	<u>Legend</u>
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$147,300	\$447,400	\$594,700
2018	\$147,300	\$447,400	\$594,700
2017	\$147,300	\$447,400	\$594,700

Assessment			
Valuation Year	Improvements	Land	Total
2019	\$103,200	\$232,530	\$335,730
2018	\$103,200	\$232,530	\$335,730
2017	\$103,200	\$232,530	\$335,730

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PLANNING AND ZONING COMMISSION

TOWN OF BROOKLYN

CONNECTICUT 06234

RECEIVED TOWN CLERK'S OFFICE

00 FEB -2 PM 2: 33

HECCHEO VIII. PACE GLORIO Q. TROCA OCHEO TOWN CI FIIK, BROOKI YU. CT

MINUTES

Planning & Zoning Commission Date/Time: Wednesday, January 5, 2000 Public Hearing and Regular Meeting 7:30 p.m. at The Community Center

Present: Chairman Bruce Parsons, Commission Members, John Wilcox, Steve Sondak, Eugene Koslow, Hans Koehl. Also Zoning Enforcement Officer, Chuck Dobrowski. Not Present: Tom Hogarty, Austin Tanner, Ron Wood and James Montstream.

Chairman Bruce Parsons called the Regular Meeting to order at 7:31 p.m. for the nomination of officers. John Wilcox asked Bruce Parsons to Chair the Commission. John Wilcox nominated Bruce Parsons as Chairman, Steve Sondak second motion, all in favor, motion carried. Bruce Parsons nominated John Wilcox as Vice-Chairman, Hans Koehl second motion, all in favor, motion carried. John Wilcox nominated Ron Wood as secretary, Steve Sondak second, all in favor, motion carried. The Regular Meeting was recessed.

Chairman Bruce Parsons opened the Public Hearing at 7:34 p.m. and read the legal notice for the record.

 SPR99-20 Sprint PCS Communications, Site Cellection, Inc., proposal of telecommunications tower 116 Grant Hill Road.

Attorney Tom Reagan presented certified receipts and outlined letter to Commission. Attorney Reagan spoke about Sprint's acquiring licenses for wireless communications. There are no tall structures existing in this area for wireless communications. Sprint looked for a large wooded property which would be unobtrusive to the public. The Grant Hill property is ideal because of its access from Route 6 and the large wooded property, which is approximately 105 acres. Attorney Reagan and Don Duthaler presented graphics of wireless coverage in the Windham area, the gap of coverage, and the placement of the communications tower. The proposed plan would include a 400' gravel access road from Route 6 to the location of the tower, a 75' x 75' - 6' chained link fence will be placed area around the tower, the tower is a 150° mono-poll with a triangular structure at the top 72" wide, 2" high, the base of the tower is 3' to 18" diameter at the top. Mr. Duthaler presented the visibility study done with a balloon. Attorney Reagan commented that the application complies with all regulations, they will not require FA markings, no lights or illumination will be needed, and there will be no advertising signs. Attorney Reagan asked if the board had any questions. Chairman Bruce Parson opened the hearing to the public.

Attorney Reagan presented the power density study for the record. Power used is very low, the maximum is 4.4%. It is a very low wattage facility, far below the FCC regulations. Bill Macnamara asked if it was going to help analog and digital communications. Pete Rukstella, Christian Hill Road, wanted to know what type of power it used. Carl Sentore said it used 200 amp service, draws 60 amps, low draw electricity is wise. Underground facilities, no backup generators, battery backup in self contained cabinets, and serviced monthly by Sprint. Joe Kovalck, 41 Cherry Hill Road, asked was .0447 milliwatt meant, and was concerned the tower would be an eyesore to his property. Mr. Chaturredi of LLC International-Sprint PCS stated the maximum exposure was 1 milli-watt per FCC, they use .0447 milli-watt. The Commission looked at

maps and noted that Mr. Kovalck's property is about 2000' N.E. of his property line. Mr. Kovalck wanted to know if it was possible to have the balloon put up again. Chairman Bruce Parson said you cannot ask them to put it up again. Mr. Kovalck asked why does it need to be 15 stories high? Attorney Reagan said it needs to be over trees for maximum coverage. They go by what they are governed by. Mr. asked if there was a possibility it may be camouflaged. Attorney Reagan said the reason they use the monopoll is that it is the least obtrusive and preferred design. Eugene Koslow asked is there was an alternate site. Attorney Reagan said they looked at two alternative sites, but this site was the best for maximum coverage and the least obtrusive to the public. Chairman Bruce Parsons asked if there was any other questions.

At 8:05 p.m., with no further public comment, Chairman Bruce Parsons closed the Public Hearing.

Chairman Bruce Parsons called the Regular Meeting to Order at 8:05 p.m. Chairman Bruce Parsons appointed Bill Macnamara as an Alternate.

John Wilcox moved to approve the previous Minutes of the December 1, 1999 Public Hearing and Regular Meeting. Steve Sondak seconded the motion, all in favor, motion passed.

Old Business:

1. SPR99-20 Sprint PCS Communications - John Wilcox moved to approve the application as submitted and presented, Hans Koehl seconded. All in favor, motion passed.

New Business:

- 1. GB99-03 Jolley Sand & Gravel, gravel bank renewal, Wauregan Road, ZEO Chuck Dobrowski said there have been no problems, it is a renewal. John Wilcox asked about bond bond continued. Hans Koehl made motion to approve, Eugene Koslow second motion, all in favor, motion carried.
- 2. GB99-04 Ken Niemann, gravel bank renewal, Allen Hill Road, ZEO Chuck Dobrowski said it was the same. John Wilcox made motion to approve, Steve Sondak second, all in favor, motion carried.
- 3. GB99-05 Richard Regis, gravel bank renewal, Allen Hill Road, ZEO Chuck Dobrowski said it was the same. Hans Koehl made motion to approve, Eugene Koslow second, all in favor, motion carried.
- 4. ZC99-04 Open Bible Baptist Church, request for change of zone from Restricted Business to Residential Agricultural, Grange property, Prince Hill Road. John Wilcox made motion to go to a **Public Hearing** at the next regularly scheduled meeting on February 2, 2000. Eugene Koslow second motion, all in favor, motion carried.
- 5. David Fuss grinding of stumps and compost facility, Allen Hill Road. Mr. Fuss said he walked the property with DEP. The facility would be for grinding of stumps and brush all clean wood waste. ZEO Chuck Dobrowski said when Mr. Fuss initially came in he thought it was something besides agricultural use. Chairman Bruce Parsons stated that DEP would watch a use as this, and it is definitely an agricultural use. David Fuss commented that the materials would be up to 2500 yards of unprocessed and 500 yards of processed. John Lombardi from Economic Development spoke and said he found Mr. Fuss' idea of a grinding and compost facility a conforming use and a good way to keep agriculture in town. Chairman Bruce Parsons asked if anyone had questions for Mr. Fuss. Hans Koehl asked if Mr. Fuss would be accepting leaves. Mr. Fuss said yes to clean brush. John Wilcox stated this is a conforming use for the record. Chairman Bruce Parsons asked if it is the consensus of the board that it is a conforming use. All members said yes.

Other Business:

- a. A map was presented about the realignment of the Route 169 and Route 205 intersection. ZEO Chuck Dobrowski stated it fell within the Village Center District (VCD) and the DOT approached the Town about realignment. John Lombardi of Economic Development commented the consensus was it is a concern that this may be changed. Chairman Bruce Parsons commented that the Stop sign should be on Route 205, not Route 169 as it is presently, because Route 169 is the main thoroughfare. John Lombardi said the DOT did not consider the VCD, but it gives the Town the opportunity to reconfigure the intersection. First Selectman Maury Bowen said the this may be a proposal to bring before a Public Hearing. This was the end of the discussion regarding this issue.
- b. John Wilcox moved to bring Bill Macnamara from an Alternate to a regular member of the Commission. Eugene Koslow second. All in favor, motion carried. Chairman Bruce Parsons asked if anyone was interested in becoming a member. David Fuss said he would be interested.
- c. ZEO Chuck Dobrowski said Kenyon Oil wanted to add a vacuum station to the existing plan. John Wilcox asked if the Commission had not just approved the site plan, would it be required to bring it before the Commission? Chairman Bruce Parsons said there would be no change in parking and it was a permitted use. ZEO Chuck Dobrowski said that Kenyon is just being overly cautious. Hans Koehl asked if it was a decision the Commission usually makes, ZEO Chuck Dobrowski said yes.
- d. ZEO Chuck Dobrowski distributed a report of zoning activity for the month of December.
- e. Citizen Participation

At 8:55 p.m. Hans Koehl made motion to Adjourn meeting, John Wilcox seconded, all in favor, motion passed.

ye K. Egan Cording Secretary

PLANNING & ZONING COMMISSION TOWN OF BROOKLYN

ZONING PERMIT

On the plot plan (see building application, back page), supply the following information:

- tocation and size of existing and proposed buildings, structures and driveways.
- Property lines and dimensions of lot.
- 3 Well and septic system location
- 4. Wetlands and watercourses. **
 - *New Residential and/or Commercial Construction must obtain a driveway permit prior to the issuance of a Zening Permit.
 - "If a permit is required from the Conservation, Inland Wetland Commission, it must be obtained prior to issuance of a Zoning Permit.

Thereby attest that the above information is true and correct to the best of my knowledge. Funderstand that 1) I am responsible for ensuring that all structures are built in conformance with the Zoning Regulations in effect on the date this permit issued; 2) I may be required to remove any structure(s) for which this permit is issued if it (they) are found to be in violation of those Zoning Regulations; 3) that this is not a Building Permit and that such must be obtained from the Building Official before this construction can begin; and 4) that any new construction based on this permit must commence within 12 months of the date this permit was approved.

Applicant's Signature Spectron, LP.

TOWN OF BROOKLYN ZONING PERMIT REQUIREMENTS

Prior to issuance of a Zoning Permit the following will be in place for all new construction on residential lots when required:

- Permanent boundary markers (ie. monumentation and iron pins) at property limits. String run from marker to marker along the lot line
- to facilitate measuring setbacks.
- 2. Foundation corners staked out so Zoning Enforcement Officer can determine if house location complies with application.

Note: If the Zoning Enforcement Officer is unable to reasonably make the necessary measurements, the owner will be required to provide an as-built sketch stamped with the seal of a certified land surveyor or professional engineer, registered in the State of Connecticut.

 Erosion and sedimentation measures (installed properly) as per approved ESC plan.

The Zoning Enforcement Officer will inspect the site and forward the Zoning Permit to the Building Official if all requirements are met.

Connecticut State Law (PA 84-174) requires that before a Certificate of Occupancy can be issued, a Zoning Certificate of Compliance must be obtained from the "official charged with the enforcement of zoning regulations". This requires a final inspection to ensure conditions of the application and initial inspection were complied with.

PERMIT NO. Nº 005802	PPLICATION FOR BUILDING PEKM	TOWN OF BROOKLYN CONNECTICUT		
	(Application must be typed or printed) CARD NO. MAP			
OCATION OF JOB (NO. & STREET)	CARD NO.	BLOCK LOT 5		
Robert Bernins APPLICANT Sprint Spectrum	TEL. ADDRESS (NO., STREET, TOWN, STATEL. ADDRESS (NO., STREET, TOWN, STATEL. ADDRESS (NO., STREET, TOWN, STATEL. ADDRESS (NO., STREET, TOWN, STATEL.)	ATE, ZIP) Rd (Wallesglowd		
LICENSE #	NAME & TEL # OF PERSON RESPONSIBLE	G 00712		
All Permits Mus	t Be Posted And Visible	From The Street		
SIZE OF BUILDING	DISTANCES FROM LOT LINE	OTHER REQUIREMENTS		
STORIES NO. OF FAMILIES	(Circle Front Lot Line)	ZONING PERMIT		
HEIGHT DEPTH FRONT		REQ'D. ATTACHED		
TOTAL FLOOR AREA (NEW)SQ.FT.	PROPOSED USE INEW HOME (Single Family) MULTI FAMILY	SEPTIC PERMIT REQ'D. ATTACHED		
TYPE OF WORK BEING DONE	# OF BEDROOMS	APPROVALS		
ORIG. CONSTRUCTION II REPAIR	WATER SUPPLY			
D ALTERATION DEMOLITION		ZONINGFIRE MARSHAL		
- ADDITION	CI ADDITION	WETLAND ENGINEER		
	GARAGE	SANITATIONSTREET SUPT		
CONSTRUCTION VALUE	DECK/PORCH	FEE COVERS		
ESTIMATED	G SHED	CONSTRUCTION LIB.COO 806		
	COMMERCIAL/PUBLIC	D PLUMBING		
ACTUAL	O OTHER	D HEATING		
TYPE OF HEAT		D ELECTRICAL		
D ELECTRIC D SOLAR	BUILDING REQUIRED ATTACHED	D SEPTIC		
☐ GAS ☐ OTHER	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DOTHER		
	MATERIALS UST ON PLANS ATTACHED	CHECK # 0588 DATE PAID - COTT		
DESCRIPTION OF WORK / REMARKS:				
150' Julian Lilecommunications				
400	New.			
All work covered by this application has been auth done according to state regulations. This permit:	orized by the (owner) or (agent) of this property and will be shall lapse if work does not commence within 6 months.	4 17 00 C C		
	Oymer/Agent Signature	Data Building Official		
Office Copy White Owner Copy		official Green Ruilding Official - Goldenrod		

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: 395753472744

Delivery Information:			
Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	L.LINTHEAR	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		BROOKLYN, CT,
		Delivery date:	Mar 15, 2023 10:23
Shipping Information:			
Tracking number:	395753472744	Ship Date:	Mar 14, 2023
		Weight:	1.0 LB/0.45 KG
Desirient		Chinn an	
Recipient:		Shipper:	
BROOKLYN, CT, US,		ROCKVILLE, MD, US,	



After printing this label:

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Dear Customer,

The following is the proof-of-delivery for tracking number: 395753339227

Delivery Information:				
Status:	Delivered	Delivered To:	Residence	
Signed for by:	L.MALESKI	Delivery Location:		
Service type:	FedEx Priority Overnight			
Special Handling:	Deliver Weekday		BROOKLYN, CT,	
		Delivery date:	Mar 15, 2023 13:09	
Shipping Information:				
Tracking number:	395753339227	Ship Date:	Mar 14, 2023	
		Weight:	2.0 LB/0.91 KG	
Recipient:		Shipper:		
BROOKLYN, CT, US,		ROCKVILLE, MD, US,		



After printing this label:

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

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Dear Customer,

The following is the proof-of-delivery for tracking number: 395753570067

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		BROOKLYN, CT,	
		Delivery date:	Mar 15, 2023 13:57	
Shipping Information:				
Tracking number:	395753570067	Ship Date:	Mar 14, 2023	
		Weight:	2.0 LB/0.91 KG	
Recipient:		Shipper:		
BROOKLYN, CT, US,		ROCKVILLE, MD, US,		