

GDIT

April 4, 2024

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
7 Surdan Mountain Road, Sharon, CT 06069
Lat.: 41.86205000; Long.: -073.39962690

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 7 Surdan Mountain Road in the Town of Sharon, Connecticut. The underlying property is owned by Ann Adele Prindle, and the tower is owned by Litchfield County Dispatch, 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 50kW Diesel Generator within the existing grade-level fenced equipment compound as demonstrated on the plans enclosed as Attachment 1. AT&T’s existing facility supports its FirstNet program which provides first responders with priority access to AT&T’s network to ensure adequate communication capabilities in the event of emergency. AT&T’s proposed generator will ensure that critical communication capability for first responders and the public are not lost in the event of a loss of power.

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

GDIT

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

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

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

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

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

§ 16-50j-73, a copy of this letter and enclosure are being sent to Casey T. Flanagan, Town of Sharon First Selectman, Jamie Casey, Land Use Administrator, and Property and Tower Owners as stated above. Certification of Service is enclosed as Attachment 3.

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

GDIT

Very truly yours

Catherine Conklin

Catherine Conklin, Site Acquisition Specialist
General Dynamics Wireless Services
4603 Kemper Street
Rockville, MD 20853
301-266-0258
catherine.conklin@gdit.com

GENERAL DYNAMICS
Information Technology

cc:

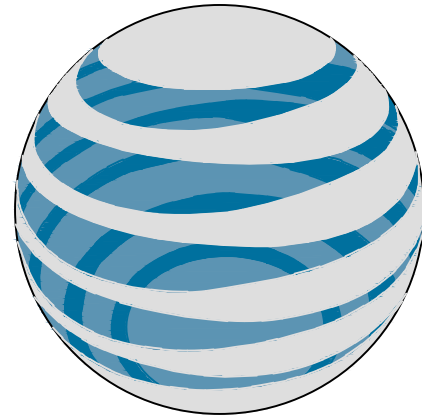
Casey T. Flanagan, First Selectman
Town of Sharon
63 Main Street, Box 385
Sharon, CT 06069
860-364-5789

Jamie Casey, Land Use Administrator
Town of Sharon
63 Main Street, Box 385
Sharon, CT 06069
860-364-0909

Ann Adele Prindle, Property Owner
7 Surdan Mountain Road
Sharon, CT 06069
860-364-5617

Dan Soule, Tower Owner
Litchfield County Dispatch
111 Water Street
Torrington, CT 06790
860-496-0711

ATTACHMENT 1



at&t

SHARON SURDAN MT RD FA#: 10050790

GENERATOR INSTALLATION PROJECT 50KW GENERAC DIESEL GENERATOR

7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

SITE INFORMATION:

SITE ADDRESS: 7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

COUNTY: LITCHFIELD

COORDINATES: 41.86205° / -73.3996269° (FOR NAVIGATION ONLY)

PROPERTY LANDLORD OR OWNER: CURRENT RESIDENT

TAX ID #: 15-1

ZONING: ---

OCCUPANCY GROUP: U - UNMANNED

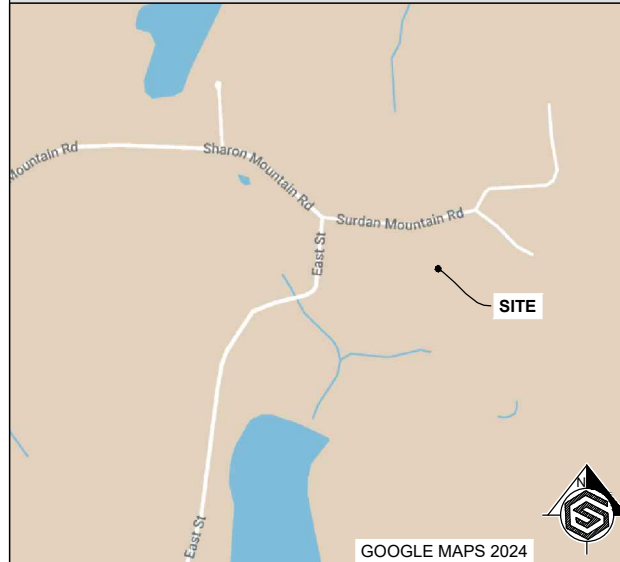
CONSTRUCTION TYPE: II-B

POWER COMPANY: ---

FLOOD ZONE: AHJ

A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

VICINITY MAP:



AREA MAP:



CODE COMPLIANCE:

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

INTERNATIONAL BUILDING CODE (IBC) 2021

NATIONAL ELECTRICAL CODE (NEC) 2020

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13,30,37,58,70,72,110,111

AMERICAN CONCRETE INSTITUTE (ACI) 318

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 607

DO NOT SCALE DRAWINGS:

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

CONTACT INFORMATION:

APPLICANT: AT&T MOBILITY
1375 CAMINO REAL STE 120
SAN BERNARDINO, CA 92408
PHONE: 951.534.8967

PROJECT MANAGER: GENERAL DYNAMICS WIRELESS SERVICES, LLC.
PHONE: 318.833.4864
CONTACT: KEITH JEFFREYS

SITE ACQUISITION MANAGER: GENERAL DYNAMICS WIRELESS SERVICES, LLC.
CONTACT: RITA BAILEY
PHONE: 502.528.9446
EMAIL: RITA.BAILEY@GDIT.COM

ARCHITECTURE & ENGINEERING: GEOSTRUCTURAL, LLC.
PO BOX 2621
BOISE, ID 83701
PHONE: 530.539.4787
CONTACT: DON GEORGE

APPROVALS :

AT&T MANAGER _____

CONSTRUCTION MANAGER _____

SITE ACQ. MANAGER _____

PROPERTY OWNER _____

LANDLORD _____

SCOPE OF WORK:

INSTALL (1) ARTICLE 702 OPTIONAL STANDBY DIESEL GENERATOR (GENERAC SD050) WITH UL-142 BASE FUEL TANK ON CONCRETE PAD AND 200A ATS / CAMLOCK (GENERAC TAS200) WITHIN COMPOUND NEAR EXISTING AT&T EQUIPMENT SHELTER.

INTEGRATE NEW GENERATOR WITH EXISTING SERVICE.

NOTE: NO CHANGES OR ALTERATIONS TO THE TOWER, MOUNTS, ANTENNAS, FEEDLINES, ETC. IS PROPOSED AS A PART OF THIS SCOPE OF WORK.

DIG LINE:

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 CONTRACTOR TO VERIFY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE CONTRACTOR'S EXPENSE.



SHEET INDEX:

SHEET	DESCRIPTION
T-1	TITLE SHEET
N-1	GENERAL NOTES
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
S-1	GENERATOR PAD DETAILS
S-2	GENERAL STRUCTURAL DETAILS
E-1	ELECTRICAL DETAILS
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL DETAILS
E-4.0 <--> E-4.2	GENERATOR SPECIFICATIONS
E-5.0	ATS SPECIFICATIONS
E-5.1	CAM-LOCK BOX SPECIFICATIONS



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

NOTES TO SUBCONTRACTOR:

1. THE GENERAL SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. ALL DISCREPANCIES SHALL BE RESOLVED 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. 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 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.

6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.

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 CONSTRUCTION MANAGER.

9. 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.

10. SUBCONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.

11. 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.

12. 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.

13. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.

14. PERMITS: THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.

15. 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.

16. 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 LOCATE SERVICE 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.

REQUIRED SPECIAL INSPECTIONS:

1. PER IBC 1705.4 SPECIAL INSPECTION OF MASONRY. (IF REQUIRED)

GENERAL PROJECT NOTES:

1. THIS PROPOSAL IS FOR THE ADDITION OF A NEW GENERATOR ON A NEW CONCRETE PAD TO AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF AN EQUIPMENT SHELTER/PLATFORM 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

1. 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:

- a. ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE)
- b. ASTM (AMERICAN SOCIETY FOR TESTING MATERIALS)
- c. ETL (ELECTRICAL TESTING LABORATORY)
- d. ICEA (INSULATED CABLE ENGINEERS ASSOCIATION)
- e. IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS)
- f. MBFU (NATIONAL BOARD OF FIRE UNDERWRITERS)
- g. NESC (NATIONAL ELECTRICAL SAFETY CODE)
- h. NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION)
- i. NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
- j. UL (UNDERWRITER'S LABORATORY)
- k. NEC (NATIONAL ELECTRICAL CODE)

10. 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.

11. 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.

ELECTRICAL NOTES:

12. ALL FLOORS WHERE PENETRATIONS ARE REQUIRED IN BUILDING ARE TO BE CORE DRILLED AND THEN FIREPROOFED.

B. WIRING/CONDUIT

1. PROVIDE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR AS REQUIRED BY CODE SUCH THAT NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL) EXIST IN A CONDUIT RUN.

2. ALL POWER AND CONTROL/INDICATION WIRING SHALL BE TYPE THHN/THWN 600V RATED 75 DEGREES CELSIUS, UNLESS NOTED OTHERWISE.

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.

4. POWER WIRING SIZE SHALL NOT BE SMALLER THAN #12 AWG.

5. ALL WIRING SHALL BE COPPER. ALUMINUM WILL NOT BE ACCEPTABLE ALL POWER CIRCUITS SHALL CONTAIN A GROUND WIRE.

6. PHASE MARKINGS TO BE USED AT POWER CONDUCTOR TERMINATIONS.

7. CONTRACTOR SHALL ENSURE INTEGRITY IS MAINTAINED WHEN INSTALLING CONDUIT AND WIRING.

8. INSTALL PULL STRING IN ALL CONDUIT.

9. 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.

10. MAINTAIN MINIMUM 1'-0" VERTICAL AND 1'-0" HORIZONTAL SEPARATIONS FROM ANY MECHANICAL GAS PIPING.

11. ALL WIRING ROUTED IN PLENUM TO BE RATED OR IN METALLIC FLEX (LIQUIDTITE) CONDUIT.

C. EQUIPMENT

1. 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 3R RATED.

D. GROUNDING

1. ALL GROUND CONNECTIONS TO BUILDING SHALL BE MADE USING TWO-HOLE CONNECTORS. PROVIDE STAINLESS STEEL BOLTS AND LOCK WASHERS ON ALL MECHANICAL GROUND CONNECTIONS.

2. ALL EQUIPMENT SURFACES TO BE BONDED TO GROUNDING SYSTEM SHALL BE STRIPPED OF ALL PAINT AND DIRT AT ANY POINT OF CONNECTION. CONNECTIONS TO VARIOUS METALS SHALL BE OF A TYPE AS TO PREVENT A GALVANIC OR CORROSIVE REACTION. AREA SHALL BE REPAINTED FOLLOWING BONDING.

3. ANY METALLIC ITEM WITHIN 6' OF ANY EQUIPMENT OR METALLIC INFRASTRUCTURE (RACKS, CABLE TRAY.. ETC.) OR GROUND CONDUCTORS MUST BE CONNECTED TO THE GROUNDING SYSTEM PER AT&T STANDARDS.

4. EXTERIOR, ABOVE GRADE GROUND CONNECTIONS SHALL BE FURNISHED WITH A LIBERAL PROTECTIVE COATING OF ANTI-OXIDATION COMPOUND.

5. ALL MATERIALS AND LABOR REQUIRED FOR THE GROUNDING SYSTEM AS INDICATED ON THE PLANS AND DETAILS, AND AS DESCRIBED HEREIN SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

6. EXACT LOCATION OF GROUND CONNECTION POINTS SHALL BE DETERMINED IN FIELD. ADJUST LOCATIONS INDICATED ON PLANS ACCORDING TO ACTUAL EQUIPMENT LOCATIONS TO KEEP THE GROUND CONNECTION CABLES AS SHORT AND STRAIGHT AS PRACTICAL.

7. PROVIDE ALL ELECTRICAL SYSTEM AND EQUIPMENT GROUNDS AS REQUIRED BY THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE, THE CURRENT EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE AND AT&T STANDARDS. 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 BURIED EQUIPMENT GROUND CONDUCTORS SHALL BE #2 AWG BARE, TINNED, SOLID COPPER UNLESS NOTED OTHERWISE ON THE DRAWINGS.

E. INSPECTION/DOCUMENTATION

1. THE CONTRACTOR, UPON COMPLETION OF HIS WORK, SHALL PROVIDE AS-BUILT DRAWINGS. INFORMATION SHOULD BE GIVEN TO THE GENERAL CONTRACTOR FOR INCLUSION IN FINAL AS-BUILT SURVEY DOCUMENTS TO BE GIVEN TO THE OWNER.

2. CONTRACTOR SHALL SUPPLY DOCUMENTATION ATTESTING TO THE COMPLETE GROUND SYSTEM'S RESISTANCE TO GROUND (MAX. 5 OHMS).

3. AN ELECTRICAL INSPECTION SHALL BE MADE BY AN INSPECTING AGENCY APPROVED BY AT&T'S REPRESENTATIVE. CONTRACTOR SHALL COORDINATE ALL INSPECTIONS AND OBTAIN POWER COMPANY APPROVAL.

4. CONTRACTOR SHALL HAVE ATS AND GENERATOR RELAY INSTALLATION AND CONNECTIONS INSPECTED BY OTHERS TO ENSURE THAT UL LISTING FOR THAT EQUIPMENT IS NOT VOIDED.



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD

10050790

GENERATOR INSTALLATION
PROJECT

7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
N-1

GENSET USE AND INFORMATION:

THE PROPOSED GENERAC SD050 GENSET:
 * IS RATED AT 86 HP AT MAXIMUM RATED kW OUTPUT,
 * IS INSTALLED WITH AN ABOVE-GROUND DOUBLE-WALL SECONDARY CONTAINMENT BASE FUEL TANK WITH 190 USABLE (200 MAX) GALLONS OF FUEL,
 * USES ULTRA LOW SULFUR DIESEL FUEL (15 ppm SULFUR),
 * IS LIMITED TO 100 HOURS PER YEAR OF NON-EMERGENCY USE (TESTING & MAINTENANCE),
 * IS INSTALLED WITH A LEVEL 2 ACOUSTIC ENCLOSURE, WHICH BUFFERS SOUND OUTPUT TO A MAXIMUM OF 73 dB AT 7 METERS (~23 FEET),
 * IS COMPLIANT WITH APPLICABLE AIR QUALITY REGULATIONS.

CUMULATIVE VOLUME CALCULATIONS:

THE PHYSICAL DIMENSIONS OF THE PROPOSED GENERATOR w/ ENCLOSURE AND BASE FUEL TANK ARE LESS THAN 250 CU. FT. IN VOLUME.

BASE FUEL TANK = 106.1"x38"x29" = 67.7 CU. FT.
 GENERATOR BODY w/ ENCLOSURE = 94.8"x61.9"x38" = 129.1 CU. FT.

TOTAL CUMULATIVE VOLUME OF GENSET = 67.7 + 129.1 = 196.8 CU. FT.

NOTE:

EVERYTHING SHOWN IS EXISTING UNLESS MARKED PROPOSED

EXISTING CONDITIONS:

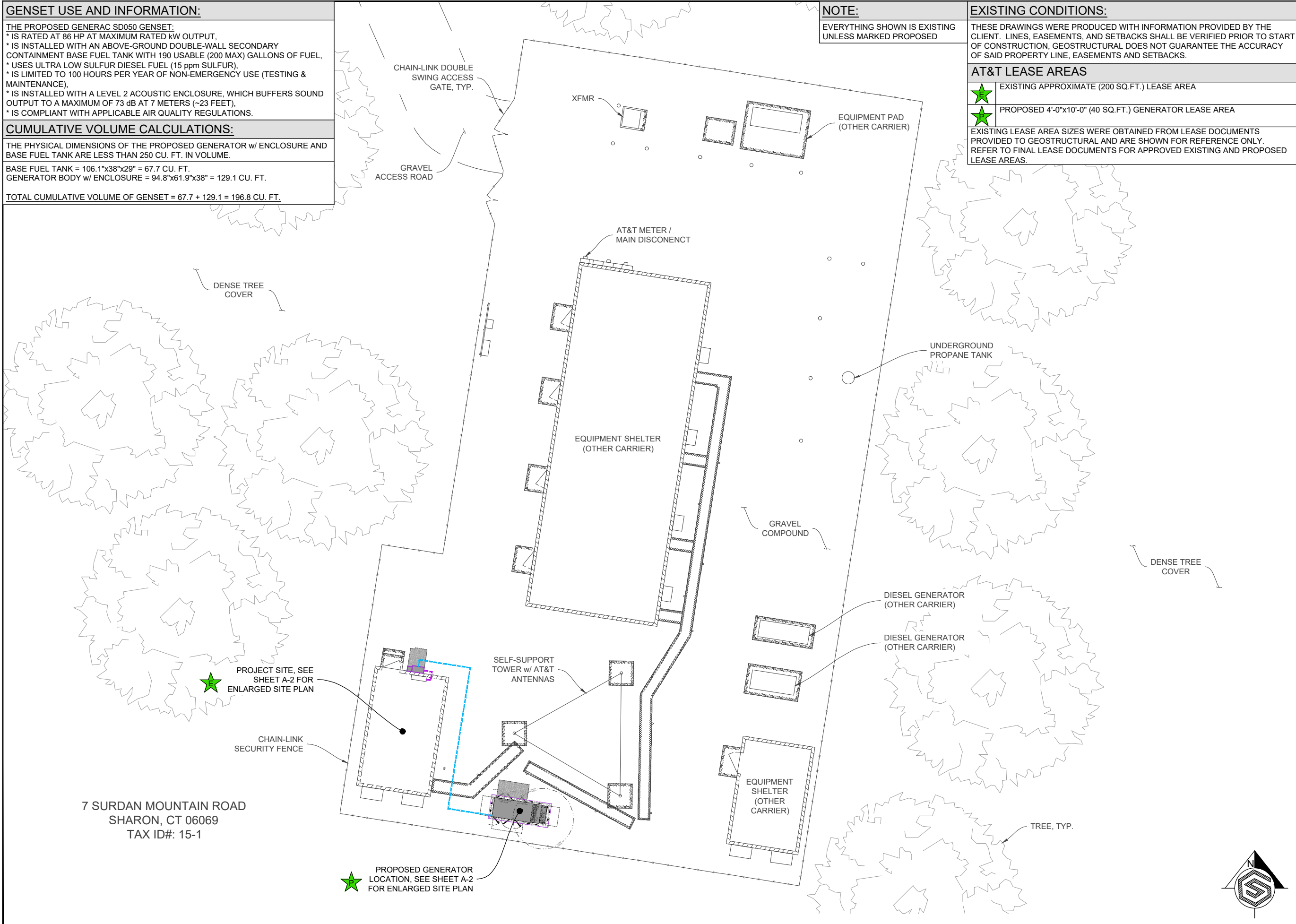
THESE DRAWINGS WERE PRODUCED WITH INFORMATION PROVIDED BY THE CLIENT. LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION, GEOSTRUCTURAL DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINE, EASEMENTS AND SETBACKS.

AT&T LEASE AREAS

★ EXISTING APPROXIMATE (200 SQ.FT.) LEASE AREA

★ PROPOSED 4'-0"x10'-0" (40 SQ.FT.) GENERATOR LEASE AREA

EXISTING LEASE AREA SIZES WERE OBTAINED FROM LEASE DOCUMENTS PROVIDED TO GEOSTRUCTURAL AND ARE SHOWN FOR REFERENCE ONLY. REFER TO FINAL LEASE DOCUMENTS FOR APPROVED EXISTING AND PROPOSED LEASE AREAS.



GENERAL DYNAMICS
Information Technology

GEOSTRUCTURAL
 PO BOX 2621, BOISE, ID 83701
 530.539.4787
 CONTACT@GEOSTRUCTURAL.COM
 WWW.GEOSTRUCTURAL.COM

REVISIONS

REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
 SHARON SURDAN MT RD
 10050790
 GENERATOR INSTALLATION PROJECT
 7 SURDAN MOUNTAIN ROAD
 SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
 OVERALL SITE PLAN

SHEET NUMBER:
 A-1

UTILITY NOTE:

THE UTILITIES AS SHOWN ON THIS SET OF DRAWINGS WERE DEVELOPED FROM RECORD INFORMATION. THE INFORMATION PROVIDED IS IMPLIED NOT INTENDED TO BE A COMPLETE INVENTORY OF THE UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

EXISTING CONDITIONS:

THESE DRAWINGS WERE PRODUCED WITH INFORMATION PROVIDED BY THE CLIENT. LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. GEOSTRUCTURAL DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINE, EASEMENTS AND SETBACKS.

SCOPE OF WORK DETAILS:

GENERAL:

- NEW GENERAC DIESEL GENERATOR PROVIDED BY GENERAL DYNAMICS & INSTALLED BY GENERAL CONTRACTOR. SEE SHEETS E-4.0, E-4.1, E-4.2.
- NEW CONCRETE PAD PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE SHEET S-1.
- NEW GENERAC AUTOMATIC TRANSFER SWITCH PROVIDED BY GENERAL DYNAMICS & INSTALLED BY CONTRACTOR. SEE SHEETS S-2, E-5.0, E-5.1.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL RESTORE & REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
- INNER AND OUTER TANK TESTING DOCUMENTATION SHALL BE PROVIDED ONCE TANK IS IN PLACE ON SITE IN ACCORDANCE WITH NFPA 30.
- A CALIBRATION CHART OF PERMANENT AND DURABLE CONSTRUCTION SHALL BE LOCATED AT THE FILL BOX.

CONDUITS:

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

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. SEE SHEET E-3.

POWER ROUTING KEYED NOTES:

- ILC** EXISTING ASCO 300L INTEGRATED LOAD CENTER (ILC)
- INT** INTERCEPT EXISTING CONDUIT AND CONDUCTORS PRIOR TO ILC AND RE-ROUTE THROUGH PROPOSED ATS (~10'). COORDINATE PATH WITH CONSTRUCTION MANAGER
- CON** PROPOSED AT&T UNDERGROUND GENERATOR CONDUIT ROUTE (~50'). CONTRACTOR TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATION. SEE SHEETS E-1, E-2.

SEE SHEET E-1 FOR SINGLE LINE DIAGRAM.

GENERATOR KEYED NOTES:

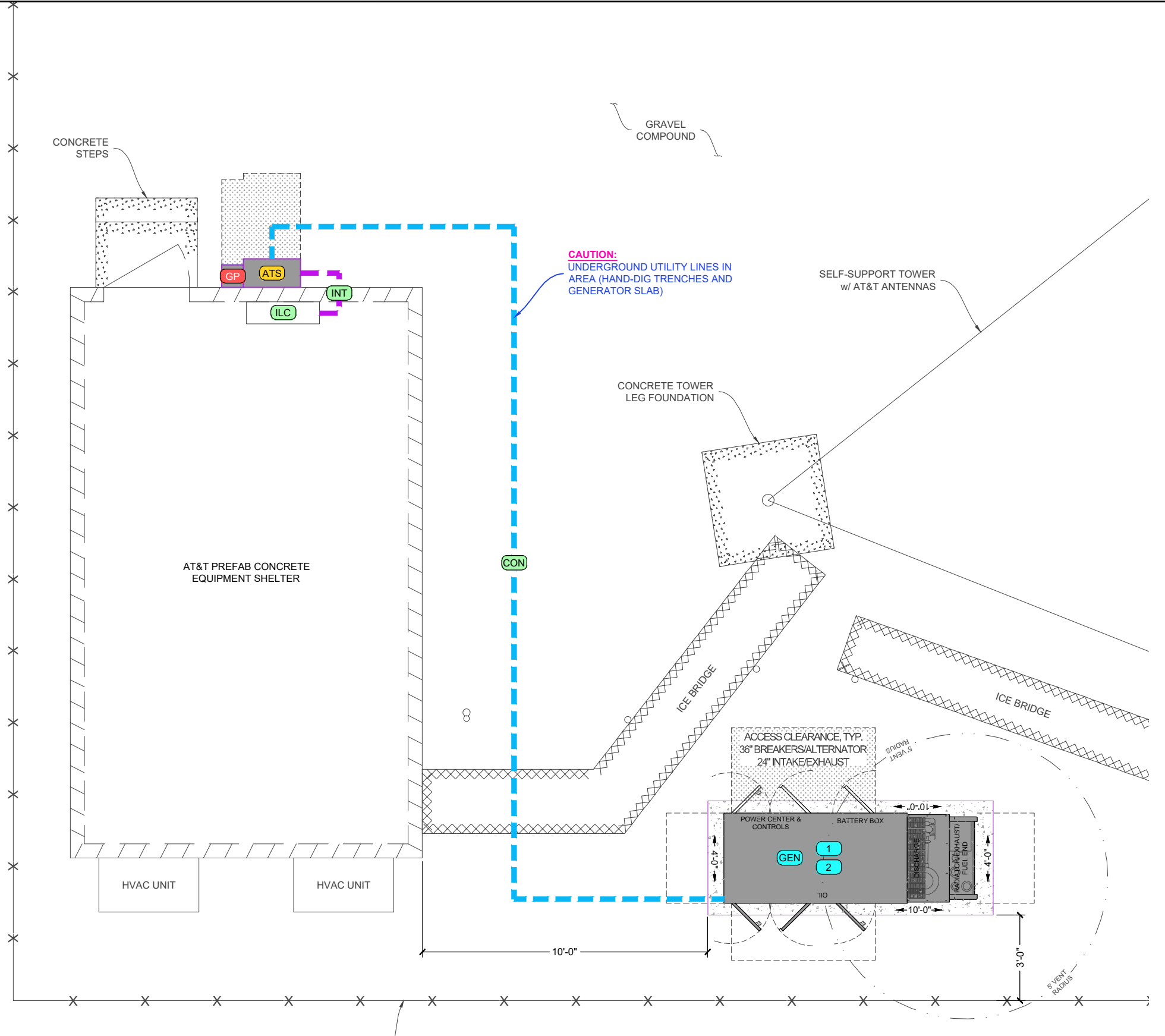
- GEN** PROPOSED AT&T 50KW DIESEL GENERATOR w/ SOUND ATTENUATED ENCLOSURE, NORMAL/EMERGENCY TANK VENTING AND BASE FUEL TANK. SEE SHEETS S-1, S-2, E-3.
- 1** FUEL FILL SHALL BE PROVIDED WITH SPILL CONTROL, WITH A SOLID FILL CONNECTION, AND WITH OVERFILL PREVENTION
- 2** NFPA 704 PLACARD AND OTHER SIGNAGE. SEE SHEET S-2.

ATS / EQUIPMENT KEYED NOTES:

- ATS** PROPOSED ATS w/ CAMLOCK MOUNTED TO EXTERIOR SHELTER WALL WITH 36" FRONT CLEARANCE. SEE SHEET S-2.
- GP** EXISTING AT&T GENERATOR PLUG TO BE REMOVED

NOTE:

EVERYTHING SHOWN IS EXISTING UNLESS MARKED PROPOSED



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



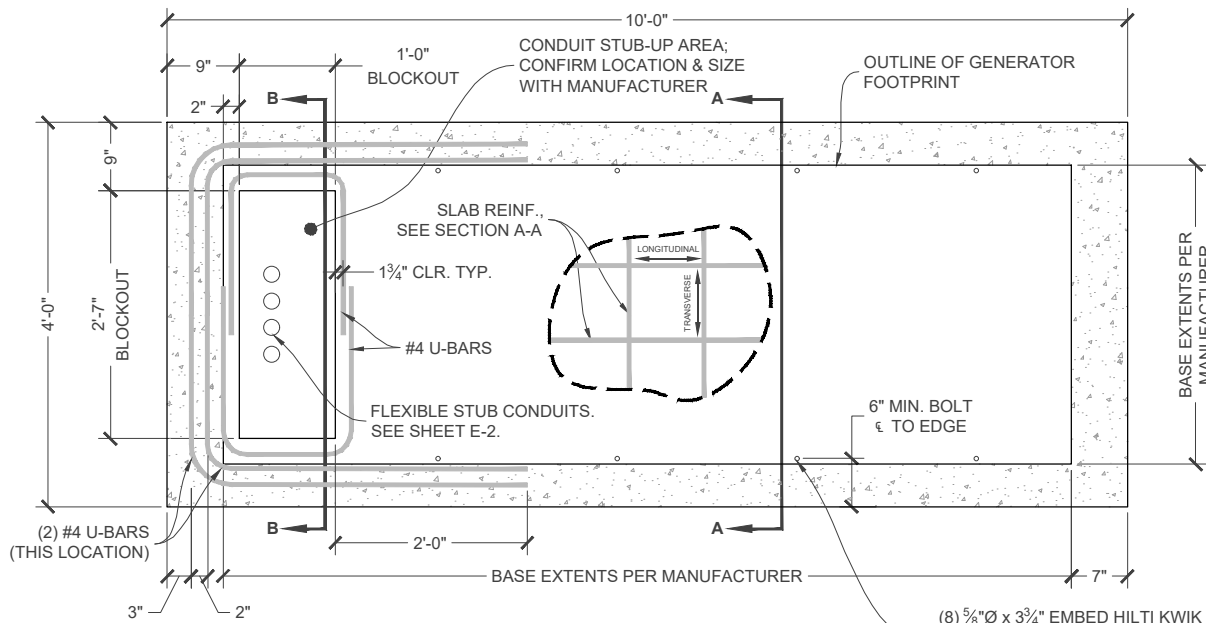
DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

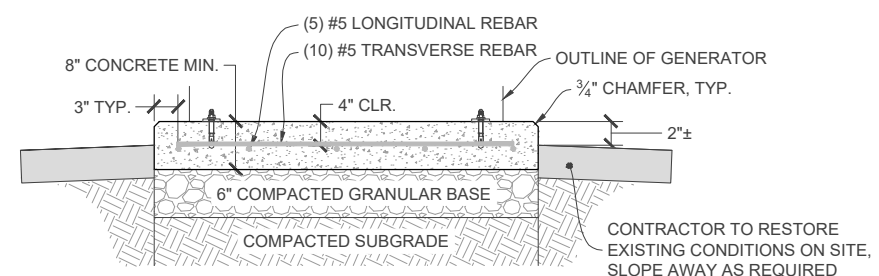
JURISDICTION USE:

SHEET TITLE:
ENLARGED SITE PLAN

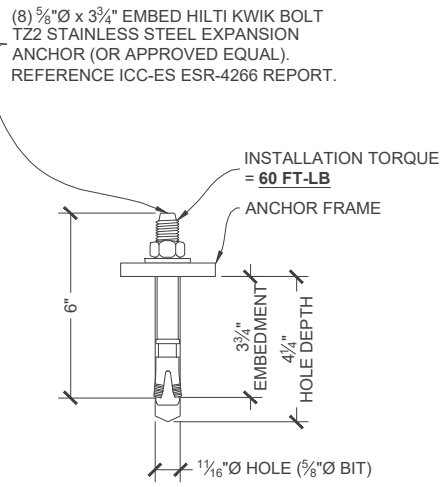
SHEET NUMBER:
A-2



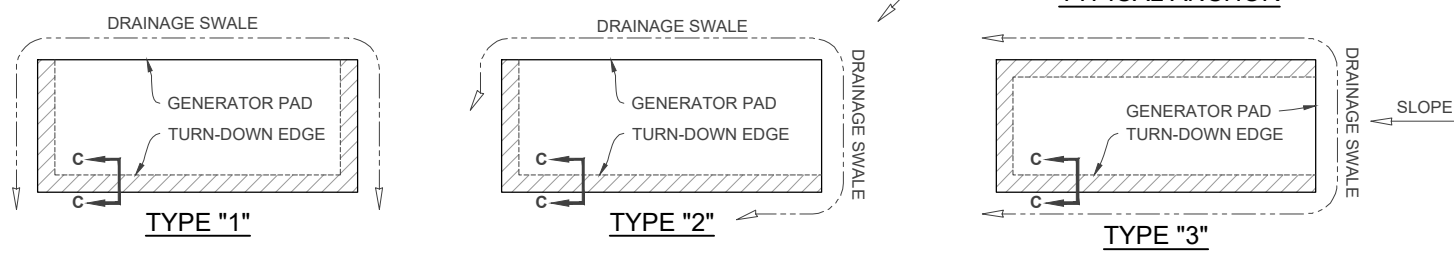
GENERATOR PAD DETAIL
SCALE: 1/2"=1'-0"(11x17) 1"=1'-0" (24x36)



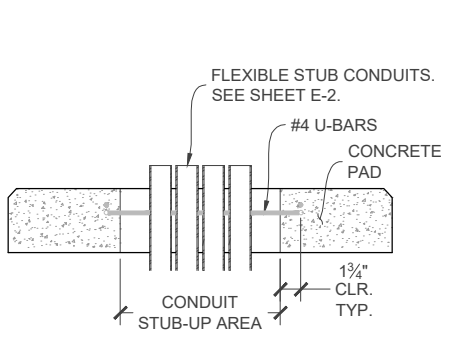
GENERATOR PAD - SECTION A-A
SCALE: 1/2"=1'-0"(11x17) 1"=1'-0" (24x36)



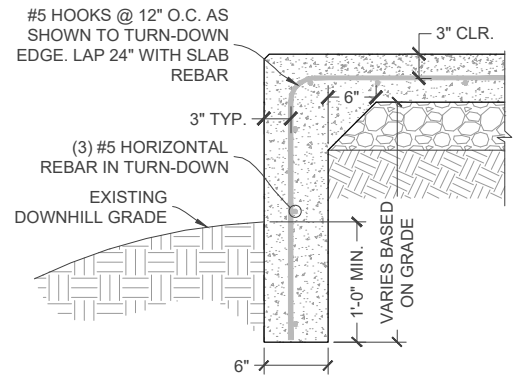
TYPICAL ANCHOR



TURN-DOWN EDGE (BASED ON SLOPE)



GENERATOR PAD - SECTION B-B



TURN-DOWN EDGE - SECTION C-C

STRUCTURAL DESIGN NOTES:

ALL LOADS DERIVED FROM REQUIREMENTS OF THE IBC 2021, ASCE 7 & ANSI TIA-222.
BUILDING & COMMUNICATION STRUCTURES: (41.86205° / -73.3996269°)

- WIND LOADS: IBC 2021 & ASCE 7-16
V = 114 MPH ULTIMATE WIND SPEED
RISK CATEGORY = II; EXPOSURE CATEGORY = C; TOPOGRAPHIC CATEGORY = 1.
IMPORTANCE FACTOR = 1.0.
- SEISMIC LOADS: IBC 2021 & ASCE 7-16
RISK CATEGORY = II; SITE CLASS = D - DEFAULT.
S_s = 0.171; S₁ = 0.054; S_{ds} = 0.183; a_p = 1.0; R_p = 2.5

CONCRETE NOTES:

- PRIOR TO EXCAVATION, CHECK THE AREA FOR UNDERGROUND FACILITIES.
- ALL CONCRETE SHALL BE IN ACCORDANCE WITH CHAPTER 19 OF THE IBC & ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", LATEST EDITION & HAVE THE FOLLOWING PROPERTIES:
 - A MINIMUM 28-DAY COMPRESSIVE STRENGTH (f_c) OF 4,000 PSI.
 - B CEMENT SHALL BE "LOW-ALKALI" TYPE IIA (MODERATE SULFATE RESISTANCE, AIR ENTRAINING) CONFORMING TO ASTM C150.
 - C MAXIMUM WATER/CEMENT RATIO OF 0.45 AND AIR-ENTRAINED 4% TO 7%.
 - D CONCRETE PROPORTIONING SHALL BE DESIGNED BY AN APPROVED LABORATORY. TOLERANCES IN ACCORDANCE WITH ACI 117. COPIES OF CONCRETE MIX SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO PLACEMENT.
 - E ALL AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. MAXIMUM AGGREGATE SIZE TO BE 3/4".
 - F MAXIMUM SLUMP: REFER TO GEOTECHNICAL REPORT WHEN APPLICABLE.
- FORMWORK FOR CONCRETE SHALL CONFORM TO ACI 347. TOLERANCES FOR FINISHED CONCRETE SURFACES SHALL MEET CLASS-C REQUIREMENTS. IN NO CASE SHALL FINISHED CONCRETE SURFACES EXCEED THE FOLLOWING VALUES AS MEASURED FROM NEAT PLAN LINES AND FINISHED GRADES: ± 1/4" VERTICAL, ± 1" HORIZONTAL.
- CHAMFER ALL EXPOSED CORNERS AND FILLET ENTRANT ANGLES 3/4" U.N.O.
- CONCRETE FINISHING: CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH ACI. PROVIDE ROUGH FINISH FOR ALL SURFACES NOT EXPOSED TO VIEW AND SMOOTH FINISH FOR ALL OTHERS, U.N.O.
- STEEL REINFORCEMENT AND CONCRETE SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF THE FOUNDATION EXCAVATION. CONTRACTOR SHALL NOT ALLOW A COLD JOINT TO FORM IN THE CONCRETE. PORTION AT GRADE SHOULD BE FORMED. TEMPORARY CASING MAY BE REQUIRED TO PREVENT CAVING PRIOR TO CONCRETE PLACEMENT.

REINFORCING STEEL NOTES:

- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615. VERTICAL/HORIZONTAL BARS SHALL BE GRADE 60; TIES OR STIRRUPS SHALL BE A MINIMUM OF GRADE 40. ALL REINFORCING STEEL SHALL HAVE 3" (± 3/8") OF CONCRETE COVER, U.N.O.
- ALL BAR BENDS, HOOKS, SPLICES AND OTHER REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ACI 315.
- ALL BARS SHALL BE SPLICED WITH A MINIMUM LAP OF 48 BAR DIAMETERS. LAP SPLICES OF DEFORMED BARS IN TENSION ZONES SHALL BE CLASS-B SPLICES. WELDING OF BARS IS NOT PERMITTED.
- AT ALL CORNERS AND WALL INTERSECTIONS, PROVIDE BENT HORIZONTAL BARS TO MATCH THE HORIZONTAL REINFORCING STEEL.
- PROVIDE VERTICAL DOWELS IN FOOTINGS AND AT CONSTRUCTION JOINTS TO MATCH VERTICAL REINFORCING BAR SIZE AND SPACING.
- ACI-APPROVED PLASTIC-COATED BAR CHAIRS OR PRECAST CONCRETE BLOCKS SHALL BE PROVIDED FOR SUPPORT OF ALL GRADE-CAST REINFORCING STEEL & SHALL BE SUFFICIENT IN NUMBER TO PREVENT SAGGING. METAL CLIPS OR SUPPORTS SHALL NOT BE PLACED IN CONTACT WITH THE FORMS OR THE SUB-GRADE.
- DOWELS AND ANCHOR BOLTS SHALL BE WIRED OR OTHERWISE HELD IN CORRECT POSITION PRIOR TO PLACING CONCRETE. IN NO CASE SHALL DOWELS OR ANCHOR BOLTS BE "STABBED" INTO FRESHLY-POURED CONCRETE.

FOUNDATION & SOIL NOTES:

- FOUNDATION DESIGN BASED ON PRESUMPTIVE MINIMUM SOIL PARAMETERS (ALLOWABLE BEARING = 1,500 PSF; ALLOWABLE PASSIVE SLIDING = 100 PSF/FT) IN ACCORDANCE WITH THE IBC.
- THE EXCAVATION SHALL BE INSPECTED PRIOR TO THE PLACEMENT OF CONCRETE AND THE CONTRACTOR SHALL PROVIDE A NOTICE OF INSPECTION FOR THE BUILDING INSPECTOR FOR REVIEW AND RECORDS PURPOSES.
- THE CONTRACTOR SHALL DETERMINE THE MEANS AND METHODS NECESSARY TO SUPPORT THE EXCAVATION DURING CONSTRUCTION.
- ALL FOUNDATIONS TO BE PLACED ON FIRM, UNDISTURBED, INORGANIC MATERIAL. PROOF ROLL SUB-GRADE PRIOR TO PLACING CONCRETE WHERE THE MATERIAL HAS BEEN DISTURBED BY EQUIPMENT. UNACCEPTABLE/DISTURBED MATERIAL SHALL BE OVER-EXCAVATED AND REPLACED WITH "LEAN CONCRETE FILL" OR REPLACED WITH STRUCTURAL BACKFILL.
- STRUCTURAL BACKFILL SHALL BE GRANULAR FREE-DRAINING MATERIAL FREE OF DEBRIS, ORGANICS, REFUSE AND OTHERWISE DELETERIOUS MATERIALS. MATERIAL SHALL BE PLACED IN LIFTS NO GREATER THAN 6" IN DEPTH AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED PER ASTM D1557 (MODIFIED PROCTOR).

MECHANICAL ANCHOR NOTES:

- HILTI PRODUCTS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS, AS INCLUDED IN THE PACKAGING.
- CONTRACTOR SHALL AVOID DRILLING HOLES IN VERTICAL/HORIZONTAL REINFORCING BARS.
- HOLES MUST BE WIRE BRUSHED AND BLASTED WITH COMPRESSED AIR PRIOR TO INSTALLATION. TEMPERATURES/METHODS/WORKING TIME/ETC. ARE TO BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

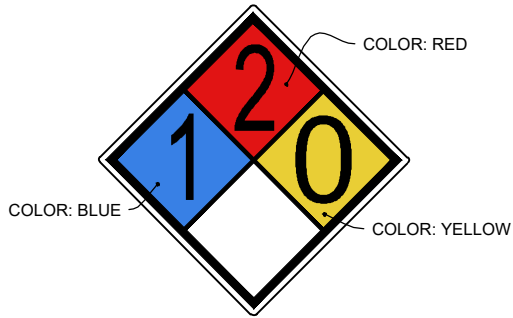
SHEET TITLE:
GENERATOR PAD DETAILS

SHEET NUMBER:
S-1



PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK

15" x 12" SIGN



PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK

15" x 15" SIGN



PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK

11" x 11" SIGN



PLACE ON (2) VISIBLE SIDES OF PROPOSED GENERATOR TANK

6.5" x 3" SIGN

CONTRACTOR TO PROVIDE REQUIRED SIGNAGE FOR ELECTRICAL PANELS, DISCONNECTS, TRANSFER SWITCHES, ETC. PER NATIONAL ELECTRICAL CODE ARTICLE 702.7

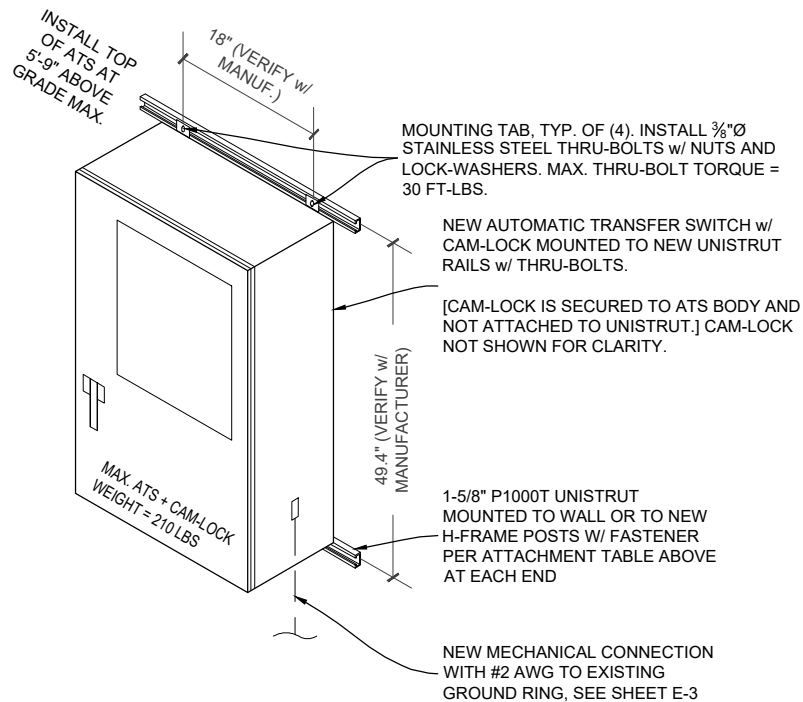
REQUIRED LABELING & SIGNAGE

ATS LOCATION NOTE:
ATS LOCATION SHOWN IN PLANS IS THE BEST AVAILABLE BASED ON THE INFORMATION PROVIDED. ALTERNATIVE LOCATION MAY BE REQUIRED AND SHALL BE APPROVED BY CONSTRUCTION MANAGER AND/OR LANDLORD. THIS DETAIL PROVIDES ALTERNATIVE METHODS OF INSTALLATION (NOT ALL DETAILS MAY BE USED).

UNISTRUT WALL ATTACHMENT:

WALL CONSTRUCTION TYPE	FASTENER
HOLLOW, AT STUD	3/8" DIA. x 2-1/2" EMBED SAE J429 GR.1 LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" DIA. HILTI HY-270 (ESR-4143) W/ SCREEN, MINIMUM EMBEDMENT 2-3/8"
CONCRETE (SOLID)	3/8" DIA. HILTI HY-200 (ESR-3187), MINIMUM EMBEDMENT 2-3/8"

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



ATS MOUNTING DETAIL

DIESEL TANK CHECKLIST:

- READILY ACCESSIBLE MANUAL SHUTOFF VALVES SHALL BE INSTALLED ON SUPPLY PIPING AT THE POINT OF USE AND THE TANK (IFC 5003.2.2.1)
SECONDARY CONTAINMENT-TYPE TANKS SHALL BE UL LISTED, UL-142, AND COMPLY WITH ALL OF THE FOLLOWING REQUIREMENTS; OTHERWISE TRADITIONAL SPILL CONTROL OR SECONDARY CONTAINMENT MEASURES, SUCH AS DIKING, SHALL BE UTILIZED (NFPA 30 22.11.4)
- + CAPACITY OF DIESEL TANK SHALL NOT EXCEED 50,000 GAL.
 - + PIPING CONNECTIONS SHALL BE ABOVE THE LIQUID LEVEL
 - + MEANS SHALL BE PROVIDED TO PROTECT RELEASE OF LIQUID BY SIPHON FLOW.
 - + MEANS TO DETERMINE LIQUID LEVEL IN TANK SHALL BE PROVIDED TO DRIVER.
 - + MEANS TO PREVENT OVERFILLING BY AN ALARM AT 90% CAPACITY AND AUTOMATICALLY STOPPING DELIVERY OF LIQUID TO THE TANK AT 95% CAPACITY.
 - + SPACING BETWEEN ADJACENT TANKS SHALL NOT BE LESS THAN 3'.
 - + TANK SHALL BE PROTECTED AGAINST DAMAGE FROM VEHICLES.
 - + INTERSTITIAL SPACE SHALL HAVE EMERGENCY VENTING.
 - + INTEGRITY OF SECONDARY CONTAINMENT SHALL BE ESTABLISHED.
 - + THE SECONDARY CONTAINMENT SHALL WITHSTAND THE HYDROSTATIC HEAD OF THE MAXIMUM AMOUNT OF LIQUID STORED IN THE PRIMARY TANK.

TANK LABELING AND PROTECTIONS:

- THE FOLLOWING SIGNS AND LABELS SHALL BE AFFIXED TO THE TANK.
- + "DIESEL FUEL - NO SMOKING" (IFC 5703.5 & IFC 5003.7.1)
 - + NFPA 704 PLACARD (IFC 5003.5)
 - + EH&S
 - + AT&T MOBILITY SIGN #3
- CRASH PROTECTION COMPLYING WITH IFC 312 SHALL BE PROVIDED (IFC 5003.9.3) (IF APPLICABLE)

GENERATOR FEATURES:

- GENERATORS SHALL BE UL 2200 LISTED AND COMPLY WITH NFPA 37 AND NFPA 110. (IFC 1203.1.1)
INSTALLATIONS SHALL HAVE A LABELED REMOTE MANUAL STOP (NFPA 110 5.6.5.6 & 5.6.5.6.1 AND NFPA 37 9.2.1.1)

DOUBLE WALL FUEL TANK BASE SPECIFICATION:

- REF: AT&T 50KW GENERATOR PACKAGE
UL REGISTRATION NUMBER: MH 18459
UL 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.
- + MINIMUM ANCHOR QUANTITY PER MANUFACTURER OR THIS PLAN SET; WHICHEVER IS LARGER.
- 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: 2.5 - 5 GALLON SPILL CONTAINMENT WITH ALARM
- + 40% REMAINING FOR ALARM
 - + 20% REMAINING FOR SHUT-DOWN
- FACTORY PRE-SET AT 90% FULL FOR ALARM
- FUEL CONTAINMENT BASIN:
SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 110% OF THE TANK. CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK RUPTURE. A FUEL CONTAINMENT BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.

NEPA NOTES:

- CONSTRUCTION, INSTALLATION, MAINTENANCE, & OPERATIONAL TESTING OF EPSS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF NFPA 110.
- ALL ELECTRICAL WORK SHALL COMPLY WITH LATEST ADOPTED EDITION OF NFPA 70 - NATIONAL ELECTRICAL CODE.

FUEL TANK NOTES:

- THE TANK SHALL BE MANUFACTURED WITH THE FOLLOWING:
- INTERSTITIAL ELECTRONICALLY MONITORED RUPTURE BASIN
 - ALARM TO MONITOR THE SPACE BETWEEN THE PRIMARY AND SECONDARY TANK.
 - OVERFILL ALERT TO VISUALLY WARN WHEN THE TANK IS FILLED UPON CAPACITY.
 - OVERSPILL CONTAINMENT AT FILL PORT TO PREVENT SPILL OF FUEL DURING FILLING OPERATIONS.
 - 2.5/5 GALLON OVERSPILL CONTAINMENT W/ LOCKABLE CAP.



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
GENERAL STRUCTURAL DETAILS

SHEET NUMBER:
S-2

TYP 1

CONDUIT / WIRE SCHEDULE:						
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
①	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) W/C	(1) W/C	(1) W/C	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
②	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) W/C	(1) W/C	(1) W/C	POWER FEEDER FROM ATS TO PANELS
③	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) W/C	(1) W/C	(1) W/C	STANDBY POWER FEEDER TO ATS
④	AUTOMATIC TRANSFER SWITCH	GENERATOR	(2) W/C	(1) W/C	(1) W/C	START CIRCUIT
⑤	LOAD CENTER (DISTRIBUTION CENTER)	GENERATOR, ATS	(2) W/C (2) W/C (2) W/C	(1) W/C (1) W/C (1) W/C	(1) W/C (1) W/C (1) W/C	CKT FOR GEN BLOCK HEATER & BATTERY HEATER, CKT FOR BATTERY CHARGER, CKT FOR ATS CONTROLS (SEE BREAKER NOTE)
⑥	GENERATOR	THROUGH ATS TO ALARM BLOCK	12-PAIR 24 AWG OR 2EA 6-PAIR CAT5	N/A	1"	ALARM CABLES (1) 12 PAIR 24 AWG. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES
⑦	AUTOMATIC TRANSFER SWITCH	ALARM BLOCK	(2) 12-PAIR 24 AWG OR (2) 6-PAIR CAT5 (1) 1-PAIR 24AWG	N/A	1"	ALARM CABLES (1) 12 PAIR 24 AWG (RUN THRU INTERIOR OF SHELTER OR GROUND EQUIPMENT & INTO ALARM BOX). PROVIDE SINGLE PAIR FOR COMMERCIAL POWER FAIL ALARM. PROVIDE 24" OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES
⑧	CAM-LOCK BOX	AUTOMATIC TRANSFER SWITCH	(3) W/C	(1) W/C	(1) W/C	STANDBY POWER FEEDER TO ATS

(W/C) = SEE WIRE/CONDUIT SIZING TABLE FOR VALUES

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	

ATS POLE NOTE:

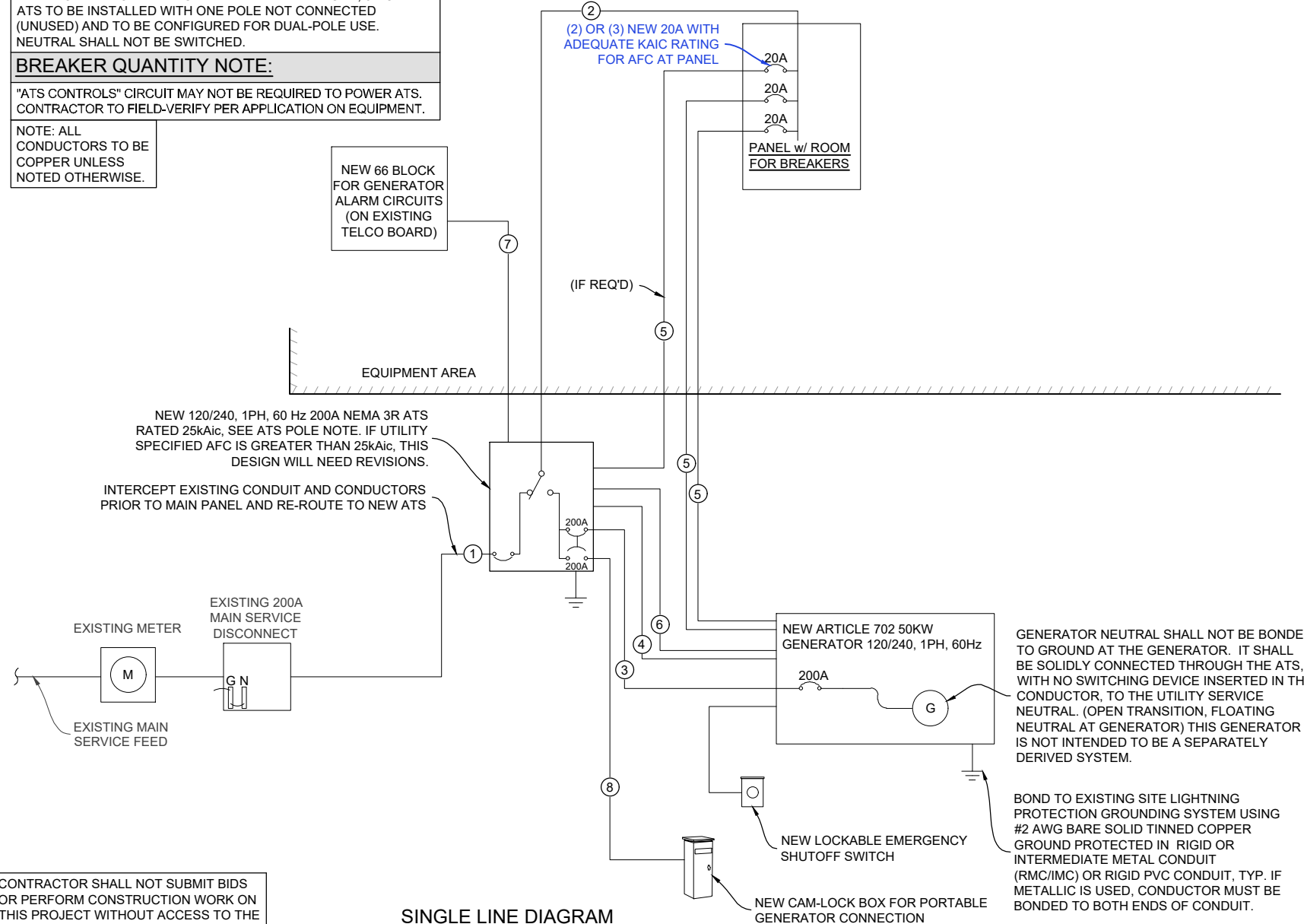
NEW ATS/CAMLOCK ARE CONFIGURABLE FOR SINGLE OR THREE PHASE OPERATION. IN SINGLE PHASE INSTALLATIONS, 3-POLE ATS TO BE INSTALLED WITH ONE POLE NOT CONNECTED (UNUSED) AND TO BE CONFIGURED FOR DUAL-POLE USE. NEUTRAL SHALL NOT BE SWITCHED.

BREAKER QUANTITY NOTE:

"ATS CONTROLS" CIRCUIT MAY NOT BE REQUIRED TO POWER ATS. CONTRACTOR TO FIELD-VERIFY PER APPLICATION ON EQUIPMENT.

NOTE: ALL CONDUCTORS TO BE COPPER UNLESS NOTED OTHERWISE.

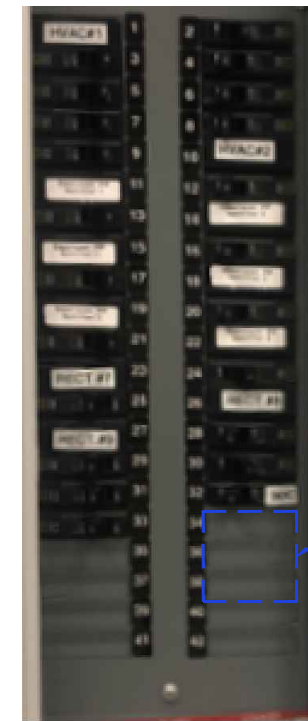
EXISTING 120/240, 1PH, 200A ASCO 300L INTEGRATED LOAD CENTER (ILC) / ATS WITH AC DISTRIBUTION PANEL



SINGLE LINE DIAGRAM

CONTRACTOR SHALL NOT SUBMIT BIDS OR PERFORM CONSTRUCTION WORK ON THIS PROJECT WITHOUT ACCESS TO THE CURRENT COMPLETE SET OF DRAWINGS LISTED IN THE TITLE-SHEET INDEX.

EXISTING DISTRIBUTION PANEL



(2) OR (3) PROPOSED 20 AMP BREAKERS FOR BLOCK HEATER, BATTERY HEATER, AND BATTERY CHARGER ON NEW AT&T GENERATOR (INSTALL FILLER PLATES ON ANY OPEN SLOTS)

ALL ELECTRICAL WORK CONDUCTED ON PANELS TO BE VERIFIED WITH CONSTRUCTION MANAGER AND CONDUCTED BY AN APPROVED ELECTRICAL CONTRACTOR LICENSED IN THE STATE.

PANEL NOTES:

- CONTRACTOR TO LABEL WIRES WITH P-TOUCH OR SIMILAR LABELS ONLY. ABSOLUTELY NO HANDWRITTEN LABELS.
- CONTRACTOR SHALL PERFORM A POWER STUDY ON EXISTING AC PANEL PRIOR TO INSTALLING, CHANGING, ALTERING, OR REMOVING ANY BREAKER. NO WORK SHALL BE COMPLETED ON AC PANEL WITHOUT PROPER INSPECTOR OR ENGINEER APPROVED DOCUMENTATION CONFIRMING CAPACITY ON SITE. ALL WORK SHALL CONFORM TO NEC VERSION ENFORCED BY A.H.J. AT TIME OF INSTALLATION.
- CONTRACTOR SHALL VERIFY THAT THE MAXIMUM DEMAND FOR ALL CONNECTED EQUIPMENT AT THIS SITE AS CALCULATED PER NEC DOES NOT EXCEED THE GENERATOR OUTPUT CIRCUIT BREAKER RATING. (SEE NOTE #4 ALSO.)
- IF MAXIMUM DEMAND OF GENERATOR OUTPUT CIRCUIT BREAKER RATING AS CALCULATED PER NEC IS CONTINGENT ON THE TWO HVAC UNITS NOT OPERATING CONCURRENTLY, THEN CONTRACTOR SHALL VERIFY THAT THE HVAC LEAD/LAG CONTROLLER IS CONFIGURED TO PREVENT CONCURRENT OPERATION. IF NOT, THEN CONTRACTOR SHALL RECONFIGURE IT AS NEEDED TO PREVENT TRIPPING THE CIRCUIT BREAKER.
- SEE REQUIRED LABELING & SIGNAGE; SHEET S-2.

WIRE/CONDUIT SIZING: FEEDER MAX 1-WAY LENGTH IN FEET

WIRE SIZE	200A OCP	200A OCP	200A OCP	GROUND WIRE SIZE	CONDUIT SIZE
	120/240V 1P	120/208V 1P	208Y/120V 3P		
1/0	-	-	-	#4	1-1/2"
2/0	-	-	-	#4	2"
3/0	213	185	213	#4	2"
4/0	253	220	254	#4	2"
250 KCMIL	284	246	284	#4	2-1/2"
300 KCMIL	318	275	318	#3	2-1/2"
350 KCMIL	354	307	354	#2	2-1/2"
400 KCMIL	383	332	383	#2	3"
500 KCMIL	436	378	436	#1	3"
600 KCMIL	469	406	469	1/0	3-1/2"
750 KCMIL	521	451	521	2/0	3-1/2"
1000 KCMIL	586	508	586	3/0	4"

FEEDER MAXIMUM LENGTH VALUES SHOWN ARE FOR MAX. FEEDER VOLTAGE DROP OF 2.5%.

MAX. ONE-WAY LENGTH VS. WIRE SIZE FOR 20A CKT, AND NEC REQ'D INCREASED GROUND WIRE SIZE - BELOW GROUND

WIRE SIZE	DISTANCE	GROUND WIRE SIZE	CONDUIT SIZE
#12	0 - 51 FT	#12	1"
#10	52 - 85 FT	#10	1"
#8	86 - 130 FT	#8	1"
#6	131 - 203 FT	#6	1"

FOR LONG RUNS, PER NEC 300.3(B)(1), FOR CONDUCTORS 1/0 AND LARGER, CONTRACTOR MAY ELECT TO INSTALL EQUIVALENT SETS OF PARALLEL CONDUCTORS (UPSIZING GROUND WIRE AND CONDUIT ACCORDINGLY). SMALLER CONDUCTORS REQUIRING UPSIZING MUST BE REPLACED w/ ADEQUATELY SIZED LARGER CONDUCTORS.



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

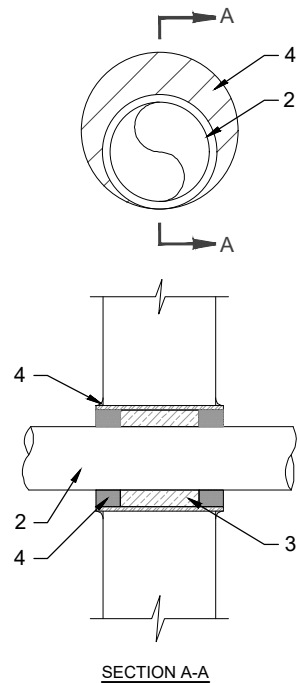
SITE INFORMATION:
SHARON SURDAN MT RD
10050790

GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
ELECTRICAL DETAILS

SHEET NUMBER:
E-1



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

- FLOOR OR WALL ASSEMBLY : MINIMUM 4-1/2" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAMETER OF OPENING IS 4". (SEE CONCRETE BLOCKS 9CATZ) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
- THROUGH PENETRATIONS : ONE METALLIC PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE SHALL BE MINIMUM 0", (POINT CONTACT) TO MAXIMUM 1-3/8". THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES OR CONDUITS MAY BE USED:
 - A. STEEL PIPE-NOMINAL 6" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE
 - B. IRON PIPE-NOMINAL 6" DIAMETER (OR SMALLER) CAST OR DUCTILE IRON PIPE.
 - C. CONDUIT - NOMINAL 4" DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR NOMINAL 3-1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.
- PACKING MATERIAL: MINIMUM 6" THICKNESS OF MIN 4.0 PCF MINERAL WOOL BATTING INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
- FILL, VOID, OR CAVITY MATERIAL*: SEALANT: MINIMUM 1/4" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR AND WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN PIPE AND CONCRETE, A MINIMUM 1/2" DIAMETER BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE ON THE TOP SURFACE OF FLOOR AND ON BOTH SURFACES OF WALL. W-RATING APPLIES ONLY WHEN CP601S OR CP604 SEALANT IS USED.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC. : CP601S, CP604, CP606, OR FS-ONE SEALANT.

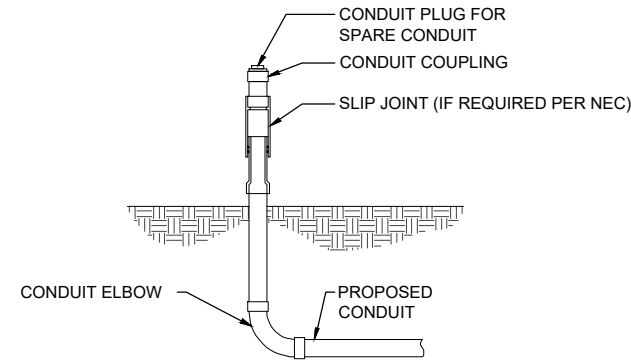
* BEARING THE UL CLASSIFICATION MARK

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

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)

CONDUIT NOTES:

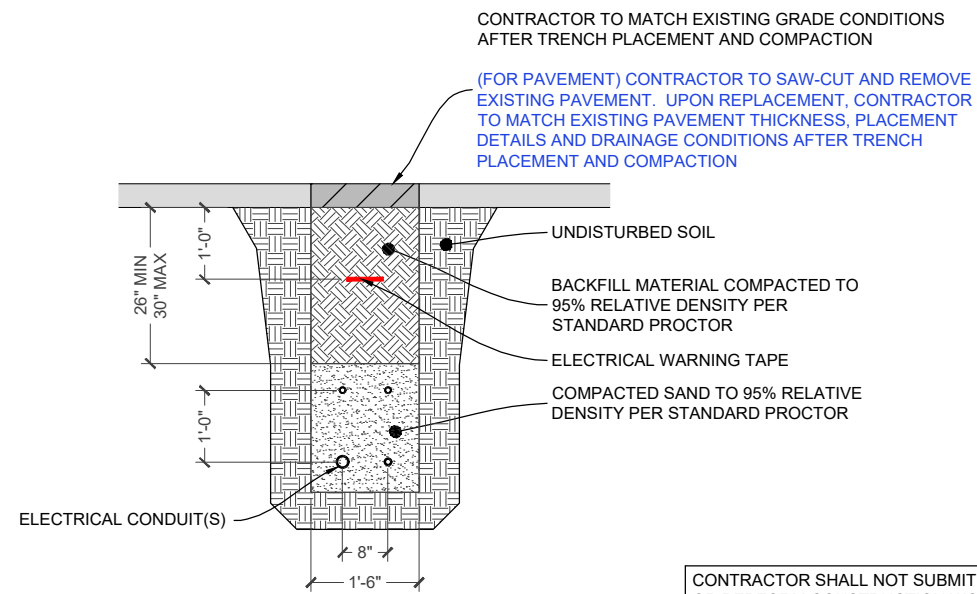
- VERIFY WIRE AND CONDUIT QUANTITY & SIZES WITH GENERATOR MAKE & MODEL # PRIOR TO INSTALLATION. VERIFY ELECTRICAL REQUIREMENTS WITH LOCAL UTILITY PROVIDER.
- ALL CONDUIT ABOVE GRADE OR IN AREAS OF HIGH TRAFFIC SHALL BE SCH 80 PVC.
- PROVIDE SCH 40 PVC CONDUIT BELOW GRADE EXCEPT AS NOTED BELOW.
- PROVIDE SCH 80 PVC CONDUIT AND ELBOWS AT STUB UP LOCATIONS (I.E. SERVICE POLE, BTS EQUIPMENT, ETC.)
- INSTALL UTILITY PULLBOXES PER NEC.



SLIP JOINT DETAIL (IF APPLICABLE)

CONDUIT NOTES:

- VERIFY WIRE AND CONDUIT QUANTITY & SIZES WITH GENERATOR MAKE & MODEL # PRIOR TO INSTALLATION. VERIFY ELECTRICAL REQUIREMENTS WITH LOCAL UTILITY PROVIDER.
- ALL CONDUIT ABOVE GRADE OR IN AREAS OF HIGH TRAFFIC SHALL BE SCH 80 PVC.
- PROVIDE SCH 40 PVC CONDUIT BELOW GRADE EXCEPT AS NOTED BELOW.
- PROVIDE SCH 80 PVC CONDUIT AND ELBOWS AT STUB UP LOCATIONS (I.E. SERVICE POLE, BTS EQUIPMENT, ETC.)
- INSTALL UTILITY PULLBOXES PER NEC.



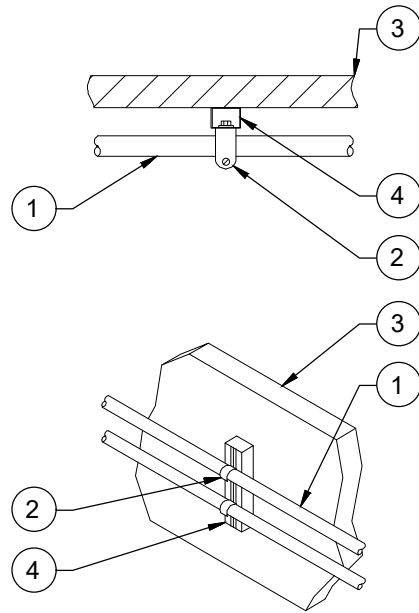
UTILITY TRENCH SECTION (IF APPLICABLE)

CONTRACTOR SHALL NOT SUBMIT BIDS OR PERFORM CONSTRUCTION WORK ON THIS PROJECT WITHOUT ACCESS TO THE CURRENT COMPLETE SET OF DRAWINGS LISTED IN THE TITLE-SHEET INDEX.

UNISTRUT WALL ATTACHMENT:

WALL CONSTRUCTION TYPE	FASTENER
HOLLOW, AT STUD	3/8" DIA. x 2-1/2" EMBED LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" DIA. HILTI HY-270 (ESR-4143) WITH SCREEN, MINIMUM EMBEDMENT 2-3/8"
CONCRETE (SOLID)	3/8" DIA. HILTI HY-200 (ESR-3963), MINIMUM EMBEDMENT 2-3/8"

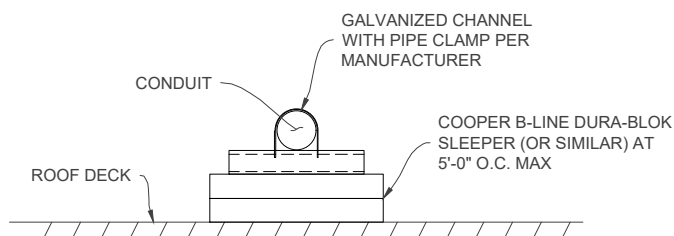
- NOTES:
 1. USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT AND CONNECTION OF CHANNELS
 2. GC SHALL USE NON-SHRINKING CAULK TO WEATHER SEAL ALL PENETRATIONS INTO OR THROUGH WALL



- 1 CONDUIT (TYP)
- 2 P1119 OR P2558 CLAMP
- 3 EXISTING WALL/CEILING

UNISTRUT P1000T. REQUIRED LENGTH BASED ON QUANTITY OF CONDUIT TO BE MOUNTED. INSTALL AT 5'-0" O.C. MAX. W/ FASTENER PER ATTACHMENT TABLE AT EACH END.

CONDUIT WALL MOUNT DETAIL (IF APPLICABLE)



ROOF CONDUIT MOUNTING DETAIL (IF APPLICABLE)



GENERAL DYNAMICS
 Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



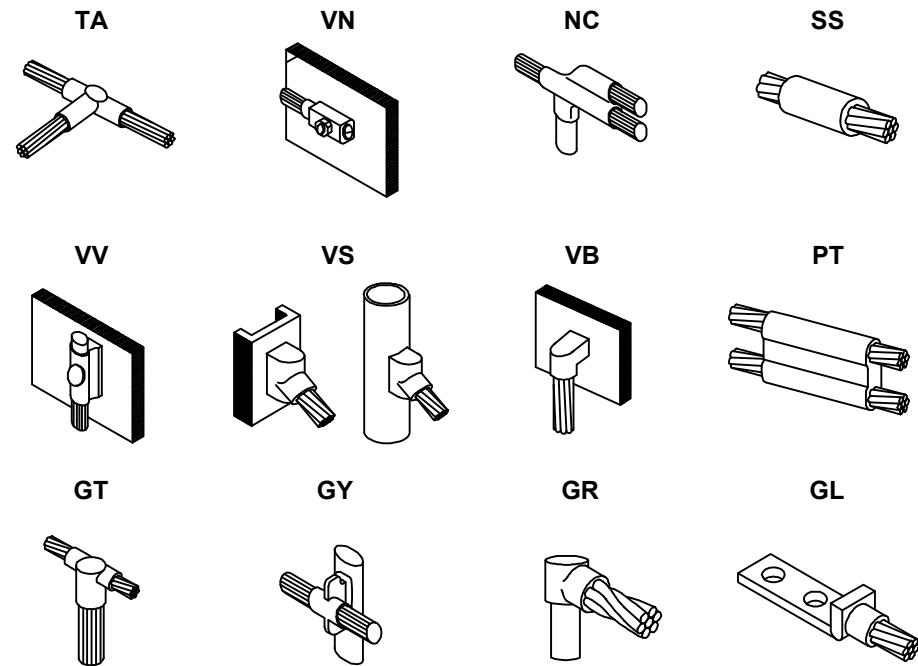
DATE SIGNED: 3/25/24

SITE INFORMATION:
 SHARON SURDAN MT RD
 10050790
 GENERATOR INSTALLATION PROJECT
 7 SURDAN MOUNTAIN ROAD
 SHARON, CT 06069

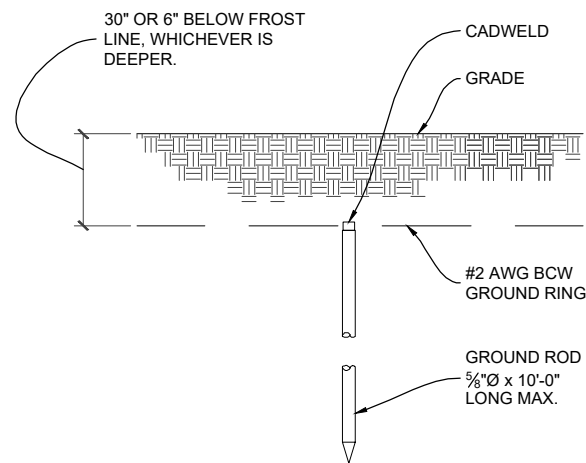
JURISDICTION USE:

SHEET TITLE:
**ELECTRICAL
 DETAILS**

SHEET NUMBER:
E-2



CADWELD DETAILS



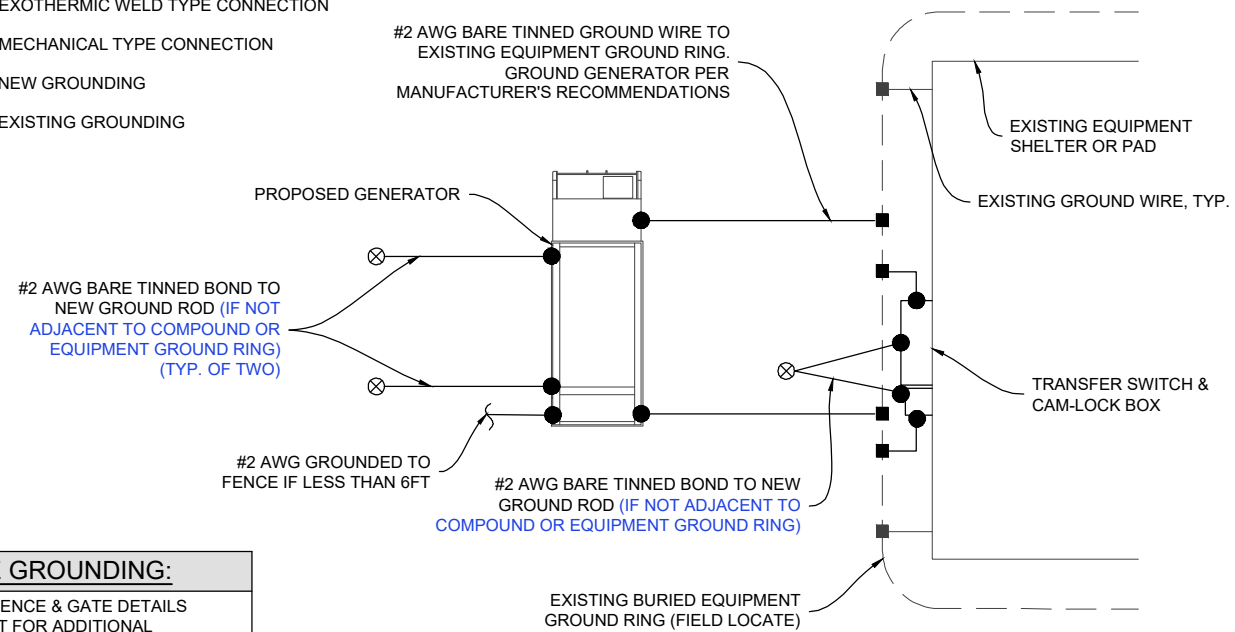
GROUND ROD DETAILS

- GROUND ROD NOTES:**
- GROUND RODS MAY BE:
 - COPPER CLAD STEEL
 - SOLID COPPER
 - GROUND RODS SHALL HAVE A MAXIMUM SPACING TWICE THE LENGTH OF ROD
 - SEE RESISTIVITY REPORT FOR VERIFICATION AS AVAILABLE
 - 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 PREVENT GALVANIC CORROSION OF TOWER, (SEE ANSI/TIA-EIA-222)
 - PROVIDE (1) GROUND LEAD TO EACH SIDE OF THE GENERATOR

- GROUNDING NOTES:**
- IF MORE THAN 20' FROM EXISTING GROUND RING, INSTALL GROUND ROD (5/8" x 10' SS), ROD SPACING: 10' MIN. TOP OF ROD AND GROUND WIRE TO BE BELOW FROST LINE.
 - CONTRACTOR SHALL COORDINATE INCOMING SERVICES WITH LOCAL UTILITIES PRIOR TO TRENCHING.
 - ALL CONDUCTORS SHALL BE COPPER, 75 DEGREES C RATED, AND CONDUCTOR INSULATION BE THWN OR THHN.
 - ALL TERMINATION SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS OPERATING AT 75°C.
 - GROUND FAULT PROTECTION REQUIRED FOR UTILITY RECEPTACLES.
 - GENERATOR NEUTRAL SHALL NOT BE GROUNDED AT THE GENERATOR. REFER TO SINGLE LINE DETAIL, SHEET E-1.
 - EQUIPMENT LOCATED OUTSIDE OR EXPOSED TO MOISTURE SHALL BE NEMA 3R RATED.
 - CONTRACTOR SHALL USE SCHEDULE 80 PVC CONDUIT THROUGH CONCRETE AND ABOVE GROUND, UNLESS OTHERWISE NOTED.
 - ALL NEWLY INSTALLED EQUIPMENT SHALL BE RATED "AT 10K AIC" MINIMUM. HIGHER RATINGS SHALL BE REQUIRED WHERE AVAILABLE FAULT CURRENT EXCEEDS THIS VALUE. EXACT FAULT CURRENT AVAILABLE SHALL BE COORDINATED WITH LOCAL UTILITY BASED ON EXACT CONDITIONS (XFMR SIZE, PERCENT IMPEDANCE, LENGTH OF CONDUCTORS, ETC).

ELECTRICAL SYMBOLS LEGEND

- EXOTHERMIC WELD TYPE CONNECTION
- MECHANICAL TYPE CONNECTION
- NEW GROUNDING
- - - EXISTING GROUNDING



TYPICAL GROUNDING DIAGRAM

- FENCE GROUNDING:**
- SEE FENCE & GATE DETAILS SHEET FOR ADDITIONAL GROUNDING (IF APPLICABLE)

CONTRACTOR SHALL NOT SUBMIT BIDS OR PERFORM CONSTRUCTION WORK ON THIS PROJECT WITHOUT ACCESS TO THE CURRENT COMPLETE SET OF DRAWINGS LISTED IN THE TITLE-SHEET INDEX.



GENERAL DYNAMICS
Information Technology



REVISIONS

REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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



DATE SIGNED: 3/25/24

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
ELECTRICAL
DETAILS

SHEET NUMBER:
E-3

SD050 | 3.4L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
 EPA Certified Stationary Emergency



Standby Power Rating
 50 kW, 63 kVA, 60 Hz

Prime Power Rating*
 45 kW, 56 kVA, 60 Hz



Image used for illustration purposes only



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

Codes and Standards

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

UL2200, UL6200, UL1236, UL142

CSA C22.2

BS5514 and DIN 6271

SAE J1349

NFPA 37, 70, 99, 110

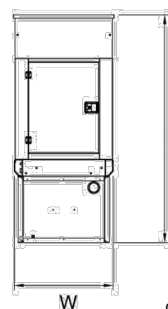
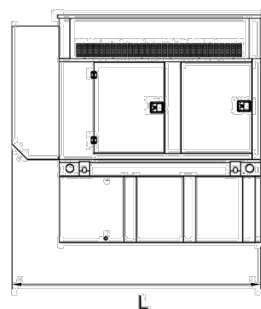
NEC700, 701, 702, 708

ISO 3046, 7637, 8528, 9001

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)



LEVEL 2 SOUND ATTENUATED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Steel Weight Minimum - lbs (kg)	Steel Weight Maximum - lbs (kg)	Aluminum Weight Minimum - lbs (kg)	Aluminum Weight Maximum - lbs (kg)
No Tank	-	94.8 (2,409) x 38 (965) x 70.1 (1,780)	2,389 (1,084)	2,517 (1,142)	2,035 (923)	2,163 (981)
12	54 (204)	94.8 (2,409) x 38 (965) x 62.5 (1,588)	2,638 (1,197)	2,766 (1,255)	2,415 (1,095)	3,445 (1,563)
30	132 (499)	94.8 (2,409) x 38 (965) x 74.5 (1,893)	2,868 (1,301)	2,996 (1,359)	2,645 (1,200)	3,675 (1,667)
44	190 (719)	94.8 (2,409) x 38 (965) x 86.5 (2,198)	3,077 (1,396)	3,205 (1,454)	2,854 (1,295)	3,884 (1,762)
49	211 (799)	106.0 (2,692) x 38 (965) x 99 (2,516)	4,316 (1,958)	4,572 (2,074)	3,870 (1,755)	5,930 (2,690)
69	300 (1,136)	94.8 (2,409) x 38 (965) x 110.6 (2,809)	3,371 (1,529)	3,499 (1,587)	3,017 (1,368)	3,145 (1,427)

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

SPEC SHEET

SD050 | 3.4L | 50 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 Units Only)

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
- 120 VAC Coolant Heater

Electrical System

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

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- 12 Leads (3-Phase, Non 600V)
- Class H Insulation Material
- Vented Rotor
- 2/3 Pitch
- Skewed Stator
- Auxiliary Voltage Regulator Power Winding
- Brushless Excitation
- Sealed Bearing
- Automated Manufacturing (Winding, Insertion, Lacing, Varnishing)
- Rotor Dynamically Spin Balanced
- 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 Only)
- Silencer of Heat Shield

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuated 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 S-601
- Double Wall Construction
- Vents
- Sloped Top
- Sloped Bottom
- Factory Pressure Tested - 2 psi
- Rupture Basin Alarm
- Fuel Level
- Check Valve In Supply and Return Lines
- RhinoCoat™ - Textured Polyester Powder Coat Paint
- Stainless Steel Hardware

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

Program Functions

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

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

Full System Status Display

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

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

Alarms and Warnings

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

SPEC SHEET



GENERAL DYNAMICS
 Information Technology



REVISIONS		
REV	DATE	DESCRIPTION
1	03/25/24	NEW GENERATOR LOCATION
0	02/26/24	ISSUED FOR CONSTRUCTION

CHECKED BY: JAD

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

FOR INFORMATION ONLY

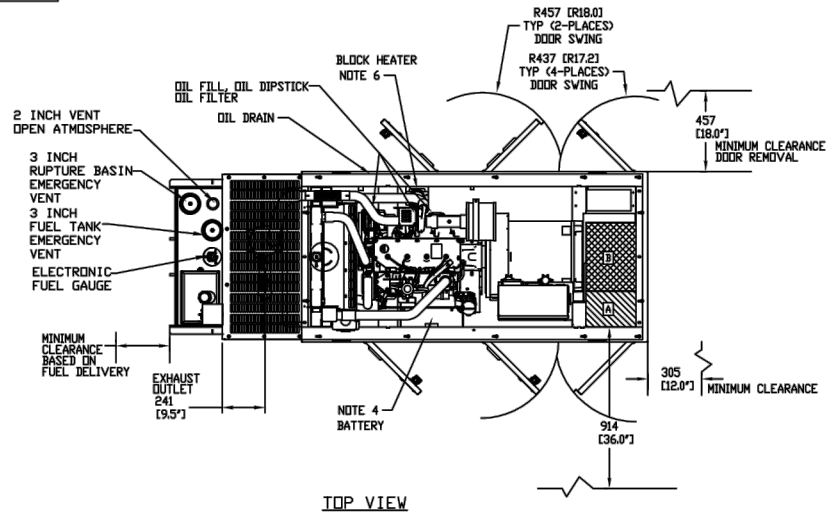
SITE INFORMATION:
 SHARON SURDAN MT RD
 10050790
 GENERATOR INSTALLATION PROJECT
 7 SURDAN MOUNTAIN ROAD
 SHARON, CT 06069

JURISDICTION USE:

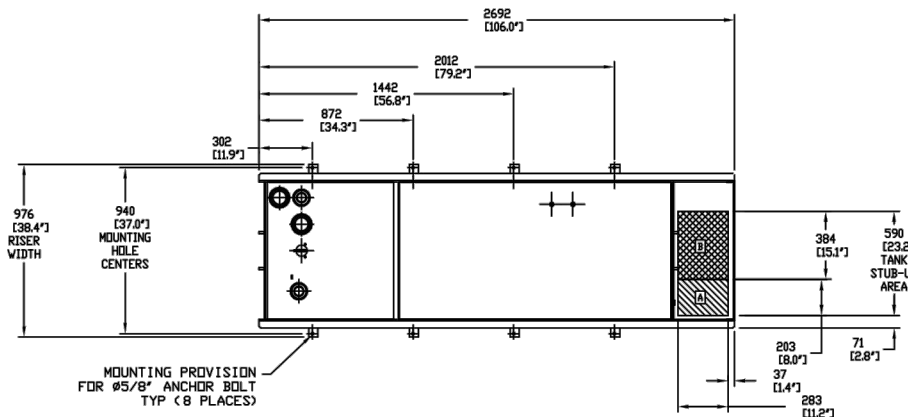
SHEET TITLE:
GENERATOR SPECIFICATIONS

SHEET NUMBER:
E-4.0

0J7717J



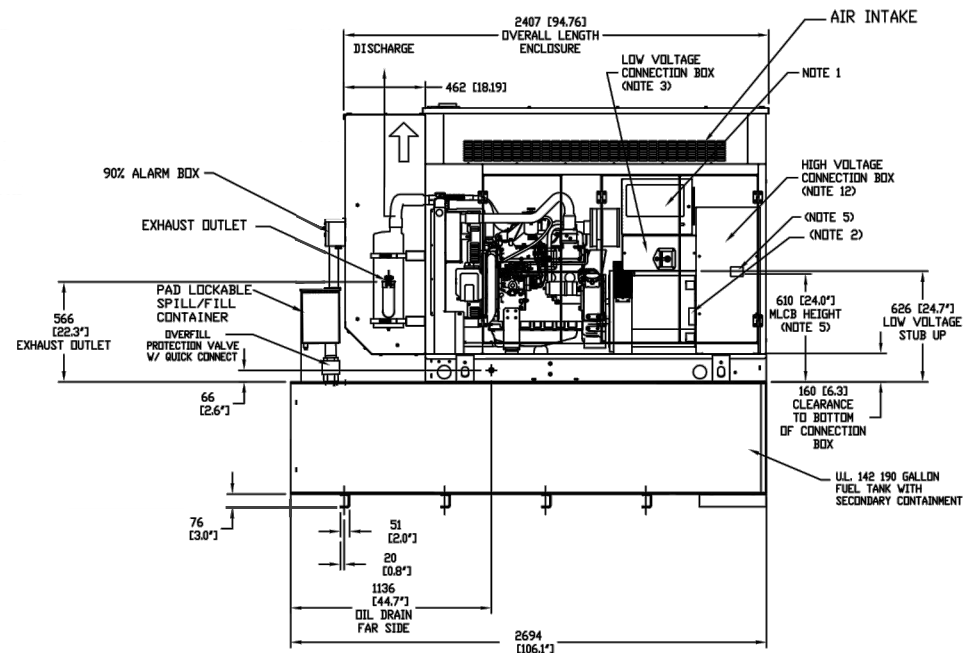
TOP VIEW



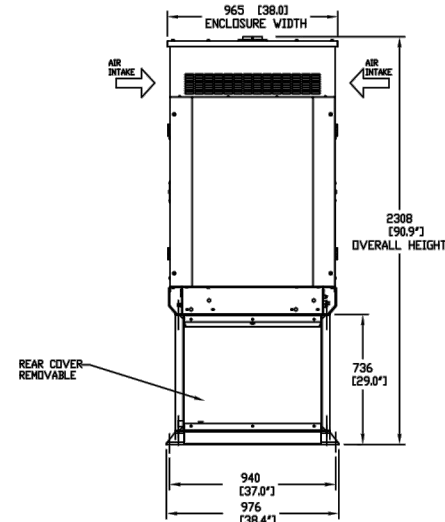
STUB-UP AREA DETAILED VIEW

RECOMMENDED ELECTRICAL STUB-UPS
(SEE DETAILED VIEW & TOP VIEW)

(HIGH VOLTAGE STUB UP) AC LOAD LEAD CONDUIT FOR PERMANENT MAGNET EXCITATION CONNECTION BOX	
(LOW VOLTAGE STUB UP) TWO DIFFERENT LOCATIONS DEPENDING ON MOUNT LOCATION. -SURFACE MOUNT -BASETANK MOUNT	



LEFT SIDE VIEW



REAR VIEW

WEIGHT DATA
OPEN SET: 796KG [1756LBS]
STEEL ENCL: 236KG [520LBS]
FUEL TANK DRY: 420KG [924LBS]
ESTIMATED DRY WEIGHT: 3,200 Lbs.

NOTE:

- CONTROL PANEL, (OPTIONAL BATTERY CHARGER INSIDE)
- 120V, 20A GFCI & 250V, 15A OUTLET
- CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN THE LOW VOLTAGE CONNECTION BOX (USE LOW VOLTAGE STUB UP AREA)
- BATTERY (6 VOLT NEGATIVE GROUND SYSTEM)
- MAIN LINE CIRCUIT BREAKER (MLCB), AC LOAD LEADS CONNECT DIRECTLY TO MLCB. LUG SIZE (1) #350 MCM PER PHASE
- BLOCK HEATER
- FUEL LINES ARE PLUMBED TO FRAME FOR UNITS WITH NO BASE TANK. FUEL LINES ARE PLUMBED DIRECTLY TO BASE TANK WHEN SO EQUIPPED
- CENTER OF GRAVITY AND WEIGHT MAY SHIFT SLIGHTLY DUE TO UNIT OPTIONS
- IF GENSET IS TO BE INSTALLED ON A BASETANK REFER TO BASETANK INSTALL FOR MOUNTING FOOTPRINT AND STUB UP INFORMATION.
OIL DRAIN = 1/2" NPT COUPLING
EXHAUST OUTLET = 2 1/2" O.D.
- DOORS MUST BE ABLE TO OPEN AT LEAST 90° TO BE REMOVED.
- AUXILIARY AC CONNECTION FOR UNIT OPTIONS ARE LOCATED IN HIGH VOLTAGE CONNECTION BOX, UNLESS AN OPTIONAL LOAD CENTER IS INSTALLED
- BOTTOM OF GENERATOR SET MUST BE CLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
- GENERATOR SET MUST BE INSTALLED SUCH THAT DISCHARGE AIR IS NOT RECIRCULATED.

GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS.
© GENERAC POWER SYSTEMS 2001

SD50 DIESEL 3.4L TURBOCHARGED
SOUND ATTENUATED LVL2 ENCLOSURE
SPCL. 190 GALLON FUEL TANK BASE

GENERAC POWER SYSTEMS
Waukesha
P.O. BOX 8
WAUKESHA, WIS. 53187

FILE NAME	0J7717J.DWG	SIZE	B
SCALE	N/A	FIRST USE	D3.4L G16
DWG NO.	0J7717J	REV	A

INSTALLATION DRAWING

GENERAC 50KW GENERATOR SPECIFICATIONS



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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

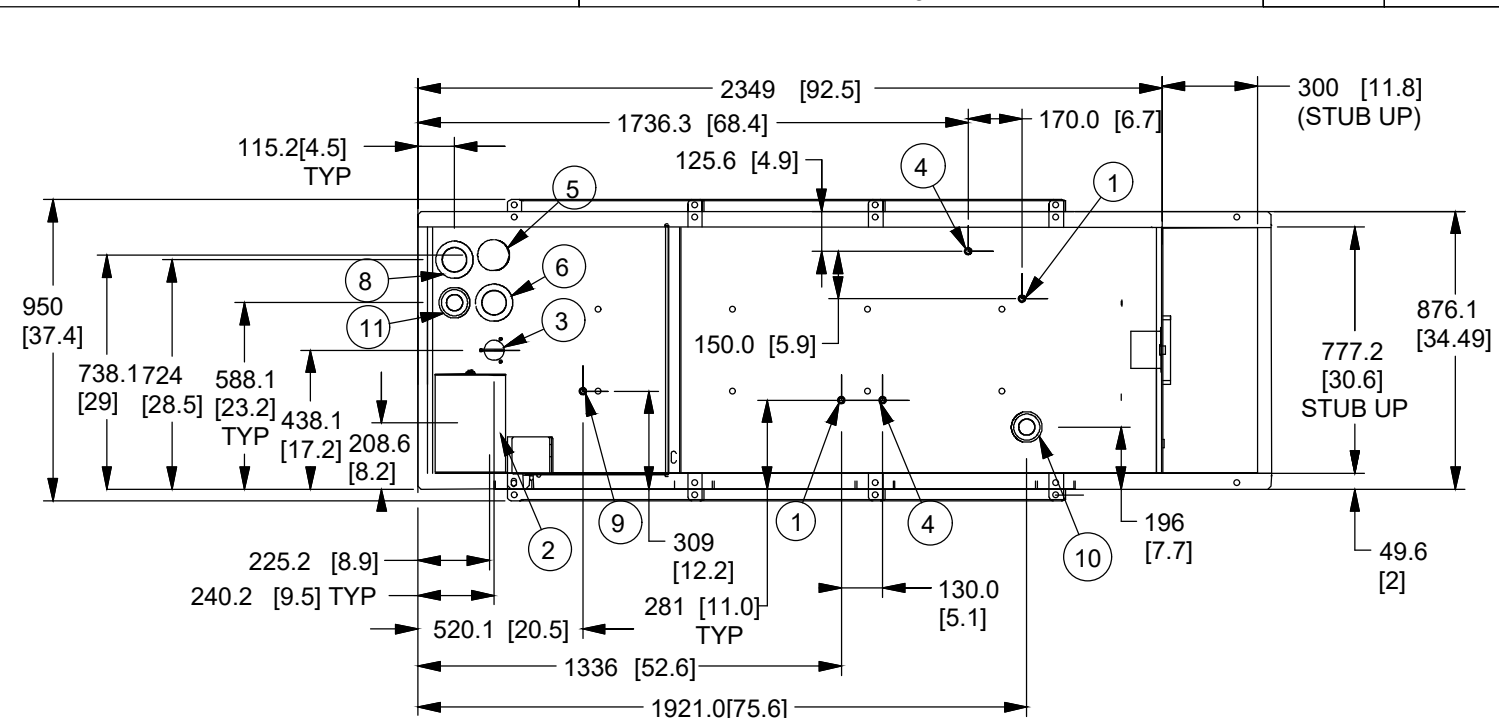
FOR
INFORMATION
ONLY

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION
PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
GENERATOR
SPECIFICATIONS

SHEET NUMBER:
E-4.1

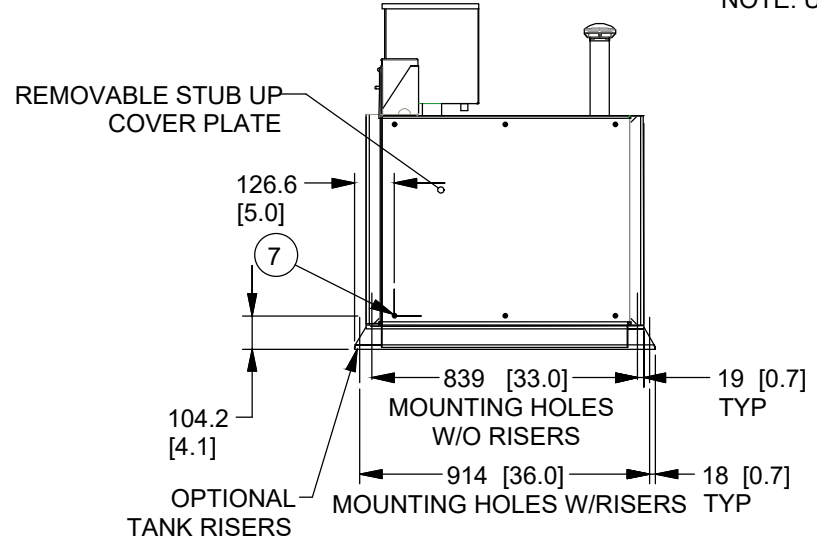
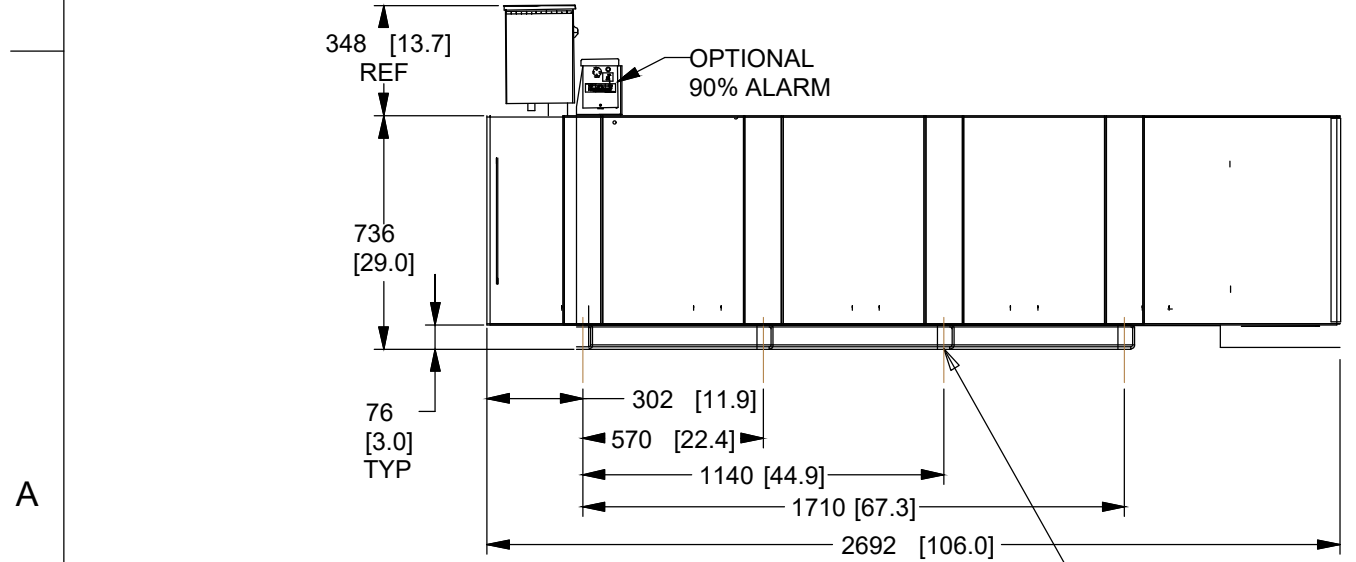


I/N	TANK FITTING	PROVIDING FUNCTION
1	3/8" NPT COUPLING	FUEL SUPPLY
2	2" NPT WELD FLANGE	FUEL FILL
3		MECH/ELEC. FUEL LEVEL
4	3/8" NPT COUPLING	FUEL RETURN
5	2" NPT WELD FLANGE	VENT
6	3" NPT WELD FLANGE	INNER EMERGENCY VENT
7	1/2" NPT HALF COUPLING	RUPTURE BASIN LEAK SENSOR
8	3" NPT WELD FLANGE	OUTER TANK EMERGENCY VENT
9	3/8" NPT COUPLING	5 GALLON SPILL/FILL DRAIN
10	2" NPT WELD FLANGE	90% FUEL SWITCH
11	2" NPT WELD FLANGE	RUPTURE BASIN ALARM

TANK P/N	0L35190ST03
TOTAL CAPACITY	757 [200]
USABLE CAPACITY	720 [190]
EST. DRY WEIGHT	420 [924]

CAPACITY SHOWN: LITER [GALLONS]
WEIGHT SHOWN: KILOGRAMS [POUNDS]
LENGTH SHOWN: MM [INCH]

NOTE: UL 142 / ULC-S601 LISTED



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

GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS. ©GENERAC POWER SYSTEMS 2013

ELECTRONICALLY APPROVED INSIDE WINDCHILL

GENERAC POWER SYSTEMS			
TITLE INSTALL BASETANK A-GROUP EXTENDED 190G (USEABLE) / 200 G (TOTAL)			
ISSUE DATE: 12/15/17			
SIZE B	CAGE NO N/A	DWG NO 10000026896	REV A
SCALE 0.050	WT-KG 958.184	SHEET 1 of 1	

INSTALLATION DRAWING



GENERAL DYNAMICS
Information Technology



GEOSTRUCTURAL
PO BOX 2621, BOISE, ID 83701
530.539.4787
CONTACT@GEOSTRUCTURAL.COM
WWW.GEOSTRUCTURAL.COM

REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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

FOR
INFORMATION
ONLY

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION
PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
**GENERATOR
SPECIFICATIONS**

SHEET NUMBER:
E-4.2

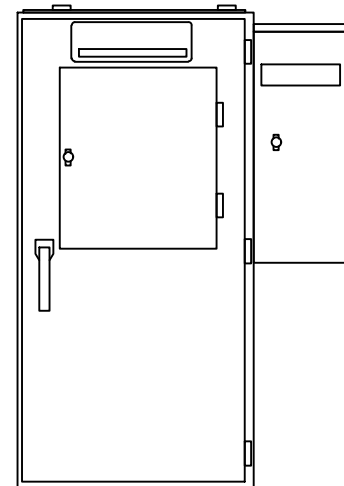
TTS Series
Switches

200 Amps
600 VAC

GENERAC | INDUSTRIAL
POWER

TAS200

200A Automatic Transfer Switch



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

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

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



GENERAL DYNAMICS
Information Technology



PO BOX 2621, BOISE, ID 83701
530.539.4787
CONTACT@GEOSTRUCTURAL.COM
WWW.GEOSTRUCTURAL.COM

REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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

FOR
INFORMATION
ONLY

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION
PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
ATS
SPECIFICATIONS

SHEET NUMBER:
E-5.0

TTS Control Systems

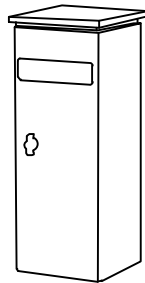
INDICATORS AND BUTTONS

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

DETAILS SCREEN

<p>System Settings:</p> <ul style="list-style-type: none"> . System Voltage/Phases: <ul style="list-style-type: none"> - 120/240V single phase (standard) - 120/208V three phase (optional) - 120/240V three phase (optional) . Utility Fail Monitor: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - In-phase, or - Time-Delay-Neutral at 0.0-10.0s in 1 second increments 	<p>Exercise Settings:</p> <ul style="list-style-type: none"> . Time of day . Day of week . Exercise: <ul style="list-style-type: none"> - 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
<p>Engine Settings:</p> <ul style="list-style-type: none"> . Engine Warm-up timer: 0-20 minutes . Generator Load Accept: <ul style="list-style-type: none"> - Time-Delay-Neutral at 0.0-10.0s in 1 sec increments - Voltage: 85-95% of nominal - Frequency: 85-95% of nominal . Engine Minimum Run Timer: 5-30 minutes . Engine Cooldown Timer: 0-20 minutes 	<p>Screen Settings:</p> <ul style="list-style-type: none"> . Brightness & Contrast button . Screen Calibration button . Startup/Clean screen <p>Diagnostics:</p> <ul style="list-style-type: none"> . Digital I/O bits status . Voltage A/D readings <p>Mimic Diagram:</p> <ul style="list-style-type: none"> . System Ready . Transfer switch position . Utility available . Standby available . Maintenance/Auto switch position . Generator source TS position . TVSS status

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



CAM-LOCK BOX SPECIFICATIONS



GENERAL DYNAMICS
Information Technology



REVISIONS			
REV	DATE	DESCRIPTION	INT
1	03/25/24	NEW GENERATOR LOCATION	CS
0	02/26/24	ISSUED FOR CONSTRUCTION	CS

CHECKED BY: JAD

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

FOR INFORMATION ONLY

SITE INFORMATION:
SHARON SURDAN MT RD
10050790
GENERATOR INSTALLATION PROJECT
7 SURDAN MOUNTAIN ROAD
SHARON, CT 06069

JURISDICTION USE:

SHEET TITLE:
CAM-LOCK BOX SPECIFICATIONS

SHEET NUMBER:
E-5.1

ATTACHMENT 2



Overview



Legend

- Parcels
- Roads
- City Labels

Parcel ID	15-2	Alternate ID	00173200	Owner Address	PRINDLE ANN ADELE
Sec/Twp/Rng	15-2-	Class	R		7 SURDAN MOUNTAIN RD
Property Address	7 SURDAN MOUNTAIN RD	Acreeage	9.6		SHARON CT 06069
	SHARON				
District	5A				
Brief Tax Description	n/a				
	(Note: Not to be used on legal documents)				

Date created: 11/30/2023

Last Data Uploaded: 11/29/2023 10:22:04 PM

Developed by  **Schneider**
GEOSPATIAL

Town of Sharon, CT

Summary

Account Number 00173200
Parcel ID 15-2
Property Address 7 SURDAN MOUNTAIN RD
Use Class/Description 101 Single Family
Map/Block/Lot/Unit 15/2//
Zoning RR
NBHD Code 5A
Acres 9.6
Utilities Septic,Well,
Is Homesteaded False

[View Map](#)

Owner

PRINDLE ANN ADELE

Current Appraised Value

	2022	2021
Assessed Year		
Appraised Building Value	\$154,000.00	\$154,000.00
Appraised XF/OB Value	\$249,200.00	\$249,200.00
Appraised Land Value	\$222,500.00	\$222,500.00
Appraised Total Value	\$625,700.00	\$625,700.00
Assessed Building Value	\$107,800.00	\$107,800.00
Assessed XF/OB Value	\$174,400.00	\$174,400.00
Assessed Land Value	\$155,800.00	\$155,800.00
Assessed Total Value	\$438,000.00	\$438,000.00

Assessment History

	2022	2021
Assessed Year		
Appraised Building Value	\$154,000.00	\$154,000.00
Appraised XF/OB Value	\$249,200.00	\$249,200.00
Appraised Land Value	\$222,500.00	\$222,500.00
Appraised Total Value	\$625,700.00	\$625,700.00
Assessed Building Value	\$107,800.00	\$107,800.00
Assessed XF/OB Value	\$174,400.00	\$174,400.00
Assessed Land Value	\$155,800.00	\$155,800.00
Assessed Total Value	\$438,000.00	\$438,000.00

Land

Building Number 1
Land Use 101 - Single Family

Land Units 2 AC
Value 131,700

Building Number 1
Land Use 101 - Single Family

Land Units 7.6 AC
Value 90,800

Building Information

Building # 1
Style Conventional
Occupancy 1
Actual Year Built 1952
Effective Year Built 1998
Living Area 1,736
Stories 2
Grade 04 C+
Condition G
Exterior Wall Vinyl Siding
Interior Wall Drywall

Fireplaces
Roof Cover Asphalt Shngl.
Roof Structure Gable/Hip
Floor Type Hardwood Carpet
Heat Type Hot Water
Fuel Type Oil
AC None
Bdrms/Full Bth/Hlf Bth/Ttl Rm 03/2/0/7
Basement Finished Area
Basement Sq. Ft. 560

Code	Description	Living Area	Gross Area	Effective Area
BAS	First Floor	1,136	1,136	1,136
FEP	Enclosed Porch	0	79	55
FOP	Open Porch	0	49	12
FUS	Upper Story, Finished	600	600	600
PTO	Patio	0	198	20
UBM	Basement, Unfinished	0	560	112
	Totals	1,736	2,622	1,935

Out Buildings\Extra Features

Description Barn 1 St.
 Sub Description
 Area 860 S.F.

Year Built 1983
 Value \$11,600

Description Shed
 Sub Description
 Area 100 S.F.

Year Built 1986
 Value \$1,400

Description Garage w/Shop
 Sub Description
 Area 1254 S.F.

Year Built 1999
 Value \$31,000

Description Cell Tower site
 Sub Description
 Area 1 UNITS

Year Built 2008
 Value \$205,200

Sales History

Sales Date	Instrument Type	Grantor	Grantee	Book/Page
4/19/2004		PRINDLE DARIEN R & ANN ADELE	PRINDLE ANN ADELE	0158-0453
9/23/1999	Transfer of Convenience	PRINDLE DARIEN R & ANN ADELE	PRINDLE DARIEN R & ANN ADELE	0136-0456
8/3/1998	Love and Affection	PRINDLE DARIEN	PRINDLE DARIEN R & ANN ADELE	0132-0861
10/19/1981	Family Sale		PRINDLE DARIEN	0098-0458

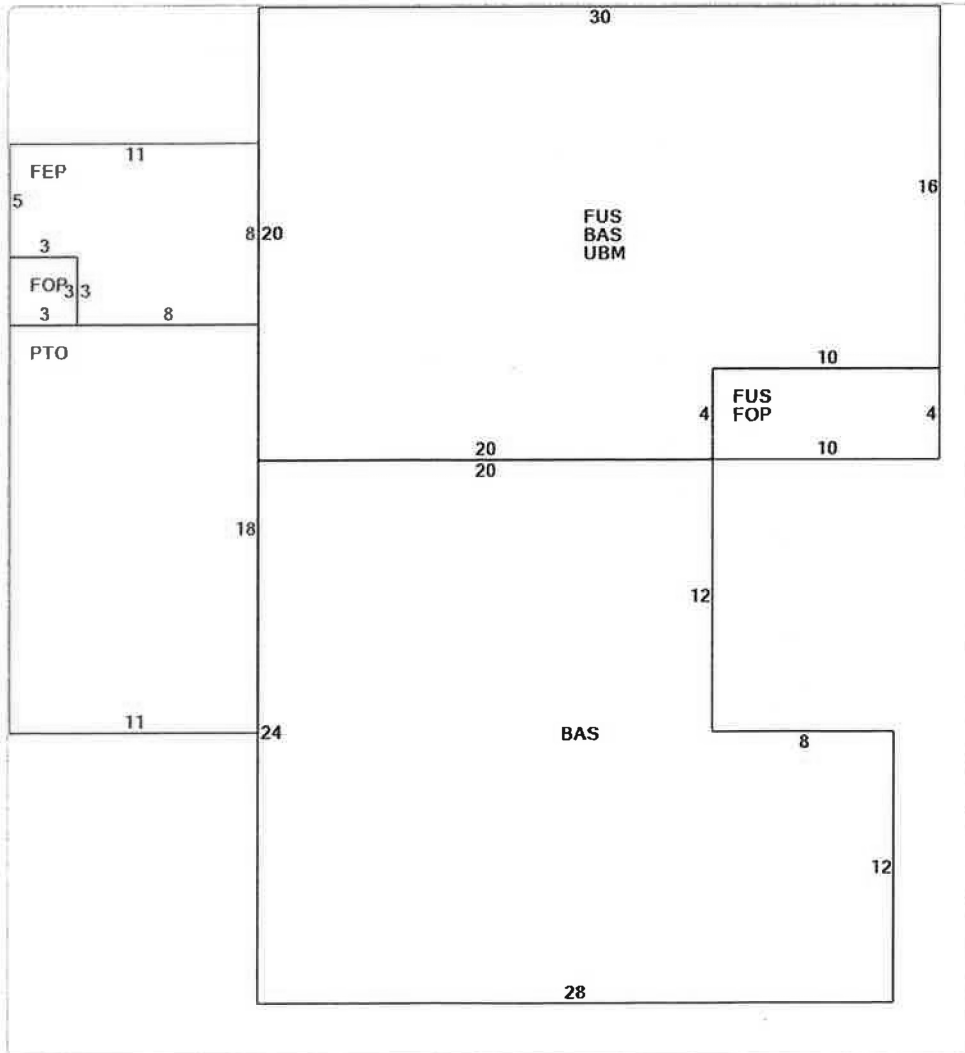
Recent Sales In Area

Sale date range:

From: 11/30/2013 To: 11/30/2023

1500 Feet

Sketch



TOWN OF SHARON, CONN.

ZONING PERMIT

NO 2640

Date..... 1/21 19 98

Permission is hereby given to Litchfield County Dispatch

of P.O. Box 1349 Litchfield, CT 06759

to erect a 195' telecomm. tower (28' high) & a 22' x 58' building

located on Sinden Mt Road, Map # 15 Lot # 2^{ene}

Owner of property..... Darren Prindle

in accordance with application dated 1/3 19 98

Signed Elizabeth M. Hall

Sharon Planning and Zoning Commission

ZBA decision 2/22/94

TOWN OF SHARON

ZONING PERMIT APPLICATION

NO. _____

PERMIT FEE: \$15.00 plus \$10.00 (CT Fee) = \$25.00

APPLICATION IS HEREBY MADE TO THE PLANNING & ZONING COMMISSION FOR A PERMIT TO:

() Construct (x) Enlarge () Alter () Move () Other _____

The building(s) described below: Existing tower & existing building Assessor Tax Map # 15 Lot # 2

Location of Property 7 Sardan Mt Road.

Subdivision/development: _____ Lot No. _____

Name of Owner: Darion R Prindle Address: 7 Sardan Mt Rd

Name of Applicant: Litchfield County Dispatch Inc Address: P.O. Box 1349 Litchfield CT 06759

Phone: 860-567-3877

ZONE: RR

Width of Lot _____ Depth of Lot _____ Area of Lot 4A. (dimensions of easement: 75' x 145')

Use of building(s): () Dwelling for _____ families; () Accessory; () Commercial;

() Industrial; (x) Other telecommunication tower - current bldg. is 8x10' to be removed

Size of Building(s) or addition(s): 22' x 58'; No. of stories height 195' tower

Additional Information: size of tower - leg of triangle 29' height 195'

ZBA approval for hgt. of tower 2/22/94

Complete a PLOT PLAN on reverse side. Show boundaries, location of existing building(s) if any, proposed construction / or work.

OWNER Signature Darion R Prindle

Date: 1-13-98 Applicant's Signature Alan J. Gansel Manager

Approved by Planning and Zoning Commission. Date: 1/21/98

Permit No. 2640

Rejected Date: _____

Reason: _____ Signature: Elizabeth M. Hall for Planning & Zoning Commission

This permit is granted with the express condition that the applicant shall conform in all respects to the zoning regulations of the Town of Sharon. This permit may be revoked at any time upon violation of any provisions of said regulations. Any deviation from the approved application must be authorized by approval of the revised plans subject to the same procedures established for the examination of the original plans. Zoning permit expires 12 months from date of issue unless it has been renewed by ZEO or a valid building permit is in effect.

**TOWN OF SHARON
ZONING BOARD OF APPEALS
LEGAL NOTICE**

At a regular quarterly meeting of the Sharon Zoning Board of Appeals held on February 22, 1994, the Board voted unanimously to approve Appeal #102 of Litchfield County Dispatch. A copy of this decision will be on file with the Town Clerk, Sharon, CT.

Dated at Sharon, Connecticut this 23rd day of February 1994.

**Robert Loucks, Chairman
Sharon Zoning Board of Appeals**

To appear in Waterbury Republican: 2/24

**TOWN OF SHARON
ZONING BOARD OF APPEALS
LEGAL NOTICE**

At a regular quarterly meeting of the Sharon Zoning Board of Appeals held on February 22, 1994, the Board voted unanimously to approve Appeal #102 of Litchfield County Dispatch. A copy of this decision will be on file with the Town Clerk, Sharon, CT.

Dated at Sharon, Connecticut this 23rd day of February, 1994

Robert Loucks, Chairman
Sharon Zoning Board
of Appeals

R-A FEBRUARY 24, 1994

TOWN OF SHARON
ZONING BOARD OF APPEALS
SHARON, CONNECTICUT 06069

LEGAL NOTICE

To Whom It May Concern, notice is hereby given that on Tuesday, February 22, 1994 at 7:30PM at the Sharon Town Hall, Assessors' Office, 63 Main Street, Sharon, CT, the Sharon Zoning Board of Appeals will hold a public hearing on the following application for a variance:

Appeal #102 of Litchfield County Dispatch to modify an existing building (height of existing antenna tower) to have a maximum height of 195 feet where the Regulations require 35 feet. The property is owned by Darien and Ann Adele Prindle and located at 7 Surdan Mountain Road, Sharon, CT, in the Rural Residence Zone.

At this hearing interested persons may be heard and written communication received. The application is on file at the Selectmen's Office, 63 Main Street, Sharon, CT.

Dated at Sharon, Connecticut this 8th day of February 1994.

Robert Loucks, Chairman
Sharon Zoning Board of Appeals

To Appear in Waterbury Republican: 2/9 & 2/17

SHARON LEGAL NOTICE
To Whom It May Concern, notice is hereby given that on Tuesday, February 22, 1994 at 7:30PM at the Sharon Town Hall, Assessor's Office, 63 Main Street, Sharon, CT, the Sharon Zoning Board of Appeals will hold a public hearing on the following application for a variance:
Appeal #102 of Litchfield County Dispatch to modify an existing building (height of existing antenna tower) to have a maximum height of 195 feet where the Regulations require 35 feet. The property is owned by Darien and Ann Adele Prindle and located at 7 Surdan Mountain Road, Sharon, CT, in the Rural Residence Zone.
At this hearing interested persons may be heard and written communication received. The application is on file at the Selectmen's Office, 63 Main Street, Sharon, CT.
Dated at Sharon, Connecticut this 8th Day of February, 1994
Robert Loucks, Chairman
Sharon Zoning Board of Appeals
R-A FEB 9 and 17, 1994

Sent to:
Certified - Litchfield County Dispatch
Regular mail to:
Darien & Ann Prindle
Leo Niekerk
Fred Still + Judith Cavanagh
Alfred Andrews



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

Daniel F. Caruso
Chairman

May 5, 2009

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-125-090402** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 7 Surdan Mountain Road, Sharon, Connecticut.

Dear Attorney Baldwin:

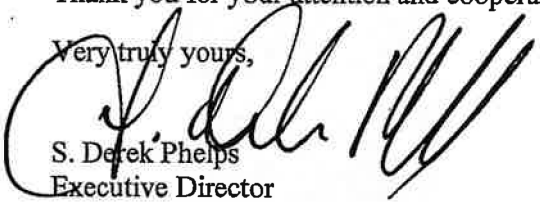
The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated April 2, 2009, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

Thank you for your attention and cooperation.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Malcom M. Brown, First Selectman, Town of Sharon
Elizabeth H. Casey, Zoning Enforcement Officer, Town of Sharon
Litchfield County Dispatch

ATTACHMENT 3

ORIGIN ID:GALA (301) 286-0258

CATHERINE CONKLIN
GENERAL DYNAMICS
4003 KEMPER STREET

ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 08MAR24
ACTWGT: 1.00 LB
CAD: 1054867531NET4535

BILL SENDER

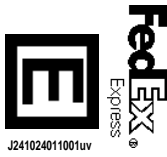
TO **CASEY T. FLANAGAN, FIRST SELECTMAN**
CHARLES TOWN UTILITY BOARD
63 MAIN STREET
BOX 385
SHARON CT 06069

REF: (860) 364-5739

REF:

DEPT:

PO:



J241024011001uv

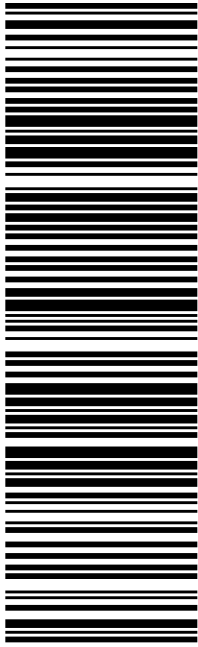
TRK# 0201 7754 7728 3402

MON - 11 MAR 12:00P
PRIORITY OVERNIGHT

XS HFDA

06069

CT-US BDL



583J2/8538/9AE3

After printing this label:

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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



April 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 775477283402

Delivery Information:

Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	C.FLANAGAN	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Apr 5, 2024 10:56

Shipping Information:

Tracking number:	775477283402	Ship Date:	Apr 4, 2024
		Weight:	
Recipient:		Shipper:	

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID: GAIN (301) 286-0258

CATHERINE CONKLIN
GENERAL DYNAMICS
4003 KEMPER STREET

ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 08MAR24
ACTWGT: 1.00 LB
CAD: 1054867531NET4535

BILL SENDER

TO **DAN SOULE**
LITCHFIELD COUNTY DISPATCH
111 WATER STREET

TORRINGTON CT 06790
REF: (860) 496-0711

PO: INV: DEPT:



J241024011001uv

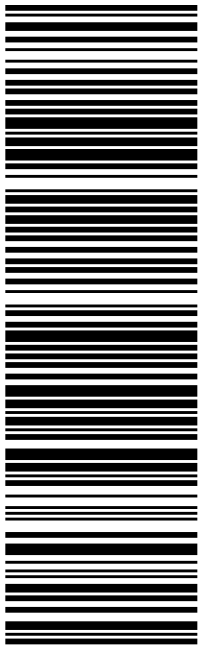
TRK# 0201 7754 7741 6488

MON - 11 MAR 10:30A
PRIORITY OVERNIGHT

06790

XS HFDA

CT-US BDL



After printing this label:

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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



April 09, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 775477416488

Delivery Information:

Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	J.KEVIN	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Apr 8, 2024 13:43

Shipping Information:

Tracking number:	775477416488	Ship Date:	Apr 4, 2024
		Weight:	
Recipient:		Shipper:	

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx

ORIGIN ID: GAIN (301) 266-0258

CATHERINE CONKLIN
GENERAL DYNAMICS
4003 KEMPER STREET

ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 08MAR24
ACTWGT: 1.00 LB
CAD: 1054867531/NET4535

BILL SENDER

TO **ANN ADELE PRINDLE**
PROPERTY OWNER
7 SURDAN MOUNTAIN ROAD

SHARON CT 06069

(860) 364-5617

REF:

PO:

DEPT:



J241024011001uv

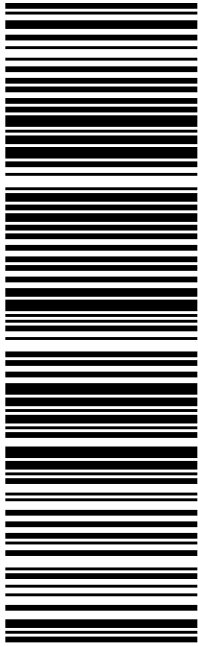
TRK# 0201 7754 7740 0272

MON - 11 MAR 12:00P
PRIORITY OVERNIGHT

06069

XS HFDA

CT-US BDL



After printing this label:

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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



April 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 775477400272

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		
		Delivery date:	Apr 5, 2024 10:23

Shipping Information:

Tracking number:	775477400272	Ship Date:	Apr 4, 2024
		Weight:	1.0 LB/0.45 KG
Recipient:		Shipper:	

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

Thank you for choosing FedEx

ORIGIN ID:GALA (301) 286-0258

CATHERINE CONKLIN
GENERAL DYNAMICS
4003 KEMPER STREET

ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 08MAR24
ACTWGT: 1.00 LB
CAD: 1054867531/NET4535

BILL SENDER

TO **JAMIE CASEY, LAND ADMINISTRATOR**

TOWN OF SHARON

63 MAIN STREET

BOX 385

SHARON CT 06069

(860) 364-0909

REF:

PO:

DEPT:



J241024011001uv

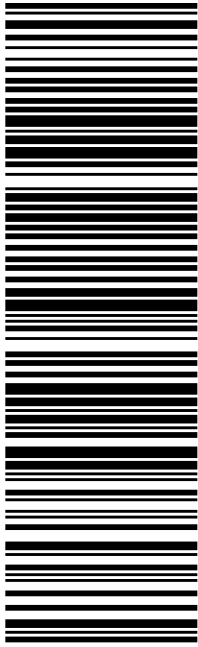
TRK# 0201 7754 7737 6355

MON - 11 MAR 12:00P
PRIORITY OVERNIGHT

XS HFDA

06069

CT-US BDL



After printing this label:

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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



April 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 775477376355

Delivery Information:

Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	J.CASEY	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Apr 5, 2024 10:57

Shipping Information:

Tracking number:	775477376355	Ship Date:	Apr 4, 2024
		Weight:	
Recipient:		Shipper:	

FedEx Express proof-of-delivery details appear below; however, no signature is currently available for this shipment. Please check again later for a signature.

Thank you for choosing FedEx