GDIT

February 2, 2023

VIA ELECTRONIC AND FEDERAL EXPRESS

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

New Cingular Wireless PCS, LLC ("AT&T")
Notice of Exempt Modification
Emergency Back-up Generator
1021 Straits Turnpike, Middlebury, CT 06762
Lat.: 41.53577000; Long.: -073.08924890

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 1021 Straits Turnpike in the Town of Middlebury, Connecticut. The underlying property is owned by the Town of Middlebury and the tower is owned by Phoenix Tower International. 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.

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 Edward B. St. John, Town of Middlebury First Selectman/Property Owner, Curtis Bosco, Zoning Enforcement Officer, and Tower Owner as stated above. Certification of Service is enclosed as Attachment 3.

GDIT

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

Very truly yours

Catherine Conklin

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

GENERAL DYNAMICS
Information Technology

CC:

Edward B. St. John, First Selectman/Property Owner
Town of Middlebury
1212 Whittemore Road
Middlebury, CT 06762
203-758-2439

Curtis Bosco, Zoning Enforcement Officer
Town of Middlebury
1212 Whittemore Road
Middlebury, CT 06762
203-577-4162

Mike Mooney, Tower Owner
Phoenix Tower International
999 Yamato Road, Suite 100
Boca Raton, FL 33431
561-257-0557

ATTACHMENT 1

DRAWN BY: TRB CHECKED BY: MJR
Printed by: tbeatty on Feb 01, 2024 - 4:28pm
C:\Users\tbeatty\AppData\Local\Temp\AcPublish_5340\54160_10035253_OVERLAY - MIDDLEBURY STRAITS TPKE_GENERATOR ATT CDs.dwg

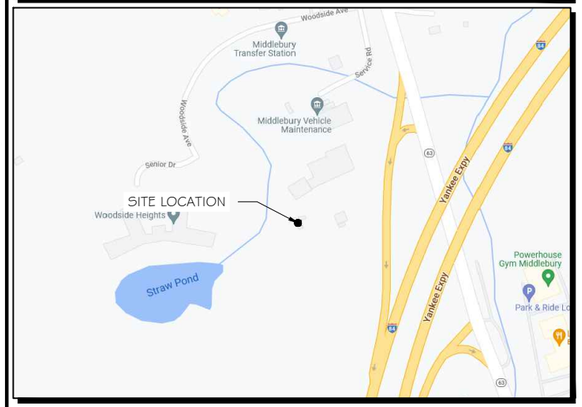
at&t Mobility

SITE NAME:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA LOCATION CODE: 10035253
PTI ID: CT-1003PTI

GENERATOR PROJECT
50KW GENERAC DIESEL GENERATOR
200A GENERAC ATS

1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

VICINITY MAP



SCOPE OF WORK

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

MEMBER ONE CALL SYSTEMS INTERNATIONAL

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

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

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

APPLICABLE BUILDING CODE & STANDARDS

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

1. INTERNATIONAL BUILDING CODE 2021

2. NATIONAL ELECTRIC CODE 2020

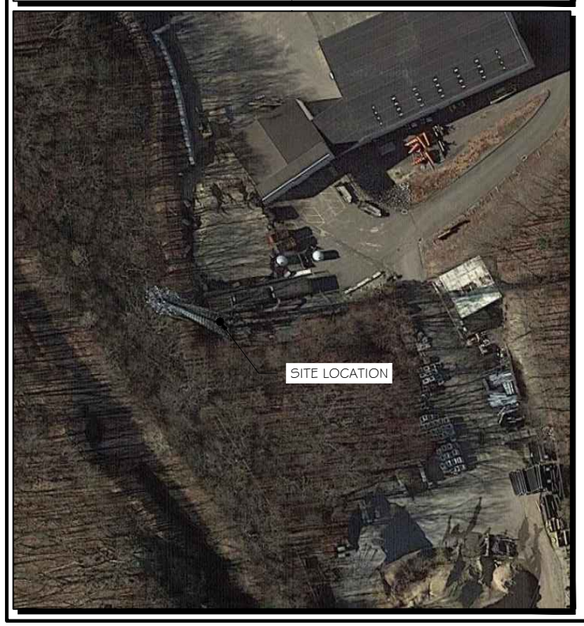
3. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION

5. TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL TOWER AND ANTENNA SUPPORTING STRUCTURES

6. TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

AERIAL VIEW OF SITE



PROJECT INFORMATION

PROJECT MANAGER:

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

ENGINEER:

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

APPLICANT INFORMATION:
AT&T MOBILITY
7150 STANDARD DR
HANOVER, MD 21076

SITE DATA:
SITE NAME: OVERLAY - MIDDLEBURY STRAITS TPKE
FA NUMBER: 10035253

PROPERTY OWNER:
PHOENIX TOWER INTERNATIONAL
999 YAMATO ROAD
BOCA RATON, FL 33431

ADDRESS:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

COUNTY: NEW HAVEN

LAT.: 41.535786°
LONG.: -73.089233°

GROUND ELEVATION: 428 FT AMSL

DO NOT SCALE DRAWINGS:
CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SHEET INDEX

SIGNATURE BLOCK

AT&T MGR. DATE

GENERAL DYNAMICS CONSTRUCTION MGR. DATE

SITE ACQUISITION DATE

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

PREPARED FOR:
at&t Mobility

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

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

STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
TITLE SHEET

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: T-1

DRAWN BY: TRB CHECKED BY: MJR

NOTES TO SUBCONTRACTOR:

1. THE GENERAL SUBCONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.

2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.

3. THE SUBCONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMAN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.

4. CONSTRUCTION SUBCONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION SUBCONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION SUBCONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.

5. SITE GROUNDING SHALL COMPLY WITH AT&T WIRELESS SERVICES TECHNICAL SPECIFICATIONS FOR FACILITY GROUNDING FOR CELL SITE STANDARDS, LATEST EDITION, AND COMPLY WITH AT&T TOWERS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF TOWER.

6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION, IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE SUBCONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.

7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

8. ANY DAMAGE TO THE ADJACENT PROPERTIES WILL BE CORRECTED AT THE SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDOWNER AND THE ENGINEER.

9. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. SUBCONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR 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. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAIN AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.

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

16. 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.

17. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES AND/OR EXISTING UTILITIES BELIEVED TO BE IN THE WORKING AREA. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS. THE SUBCONTRACTOR SHALL CONTACT THE LOCAL JURISDICTION'S DIGGER'S HOTLINE BEFORE DIGGING OR DRILLING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE SUBCONTRACTOR'S EXPENSE.

GENERAL NOTES:

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

2. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE.

3. THE PROPOSED FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITAT. (NO HANDICAP ACCESS IS REQUIRED)

4. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH BY AT&T TECHNICIANS.

5. OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.

6. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

7. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION.

8. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTION REQUIRED FOR CONSTRUCTION.

9. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.

ELECTRICAL NOTES:

A. GENERAL

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. ASTIM (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)

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.

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. SCHEDULE 80 PVC CONDUIT SHALL BE USED ABOVE GROUND, WHERE ABOVE GRADE IS DEFINED AS THE GROUND OF THE TURN-UP

4. BELL END OR TERMINAL ADAPTER MUST BE INSTALLED ON END OF PVC CONDUIT PER NEC 352.46. 300.4 F, (3)

5. CONDUIT BENDS SHALL BE MADE IN ACCORDANCE WITH NEC TABLE 346-10. NO RIGHT ANGLE DEVICE OTHER THAN STANDARD CONDUIT ELBOWS WITH 12" MINIMUM INSIDE SWEEPS FOR ALL CONDUITS 2" OR LARGER.

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

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

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

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

10. INSTALL PULL STRING IN ALL CONDUIT.

11. FOR ROOFTOP INSTALLS AND BUILD-OUTS, CONDUITS INSIDE BUILDING AND ON ROOF SHALL BE RGS, UNLESS OTHERWISE NOTED. FOR RAW LAND SITES AND CO-LOCATES, PVC SCHEDULE 80 SHALL BE UTILIZED UNLESS NOTED OTHERWISE.

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

13. ALL WIRING ROUTED IN PLENUM TO BE RATED OR IN METALLIC FLEX (LIQUIDITE) 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 OR 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. CONNECTIONS TO VARIOUS METALS SHALL BE OF A TYPE AS TO CAUSE A GALVANIC OR CORROSIVE REACTION. AREA SHALL BE REPAINTED FOLLOWING BONDING.

3. ANY METALLIC ITEM WITHIN 6' OF GROUND CONDUCTORS MUST BE CONNECTED TO THE GROUNDING SYSTEM.

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

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 THIS 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 AS PRACTICAL.

7. PROVIDE ALL ELECTRICAL SYSTEM AND EQUIPMENT GROUNDS AS REQUIRED BY THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE AND THE CURRENT EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE. BONDING JUMPERS WITH APPROVED GROUND FITTINGS SHALL BE INSTALLED AT ALL RACEWAYS, EQUIPMENT ENCLOSURES, PULL BOXES, ETC. TO MAINTAIN GROUND CONTINUITY WHERE REQUIRED BY CODE.

8. ALL EQUIPMENT GROUND CONDUCTORS SHALL BE TIN COATED, #2 AWG COPPER UNLESS NOTED OTHERWISE ON THE DRAWINGS.

9. PROVIDE PRE AND POST GROUND TEST RESULTS, USING CLAMP-ON TESTER. TEST RESULTS SHALL BE PHOTOS WITH DIGITAL TIME AND GPS STAMPED/EMBEDDED.

E. INSPECTION/DOCUMENTATION

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 RECEPTIVITY (MAX. 5 OHMS).

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

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

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

PREPARED FOR:

at&t Mobility

CONSULTANT:

GENERAL DYNAMICS
Information Technology, Inc.

GENERAL DYNAMICS
101 STATION DR
WESTWOOD, MA 02090

Certification & Seal:

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

STATE OF CONNECTICUT
DARYL R. MATZKE
No. 34565
LICENSED
PROFESSIONAL ENGINEER

Signature: Date: 2/01/2024

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAL NOTES

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: N-1

DRAWN BY: TRB CHECKED BY: MJR

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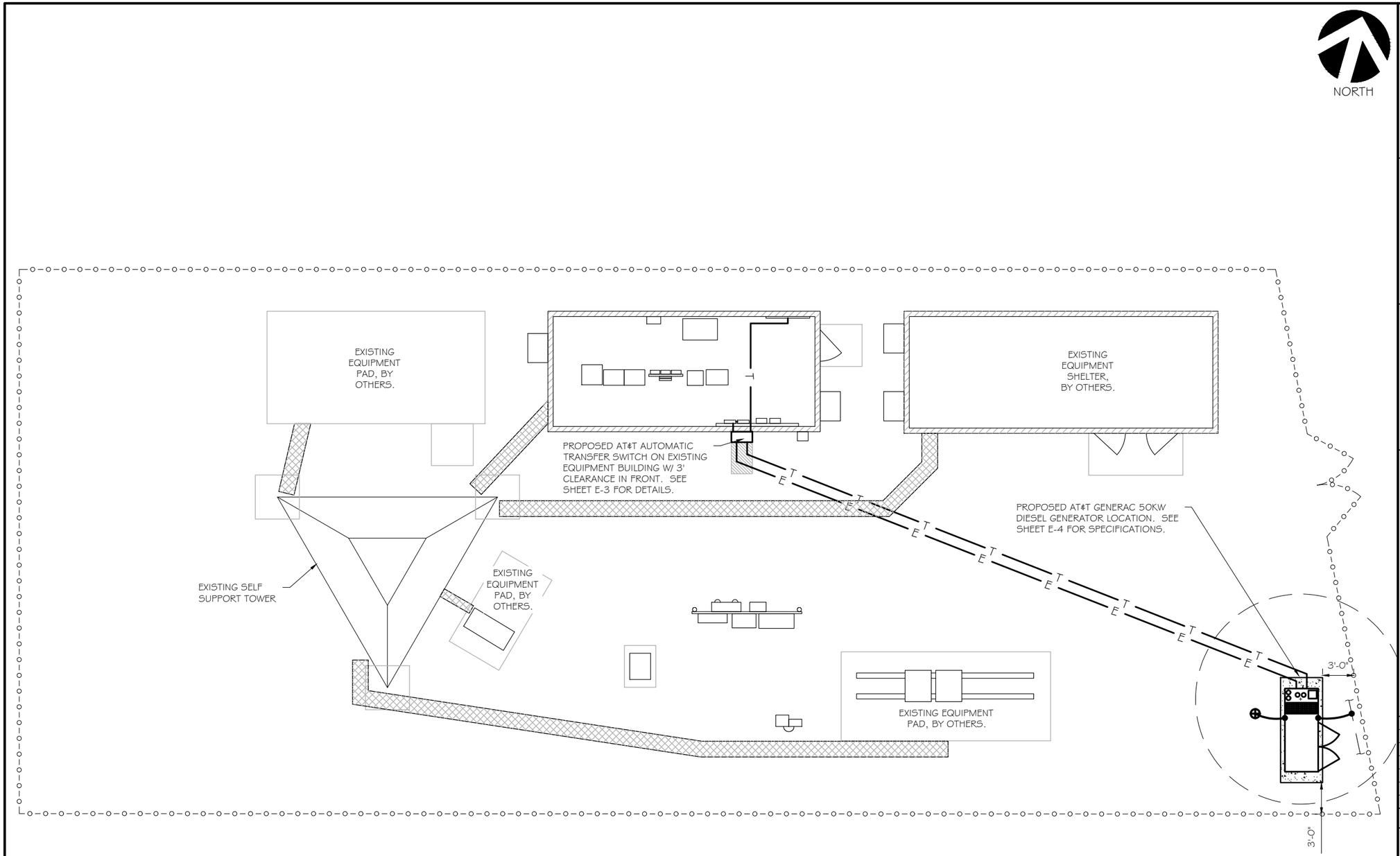

SITE PLAN
SCALE: 1" = 10'

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PREPARED FOR:
at&t Mobility

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

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

STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
SITE PLAN

0 5' 10' 20'
11" x 17" - 1" = 10'
22" x 34" - 1" = 5'

PROJECT NUMBER: 54160
SHEET NUMBER: A-1

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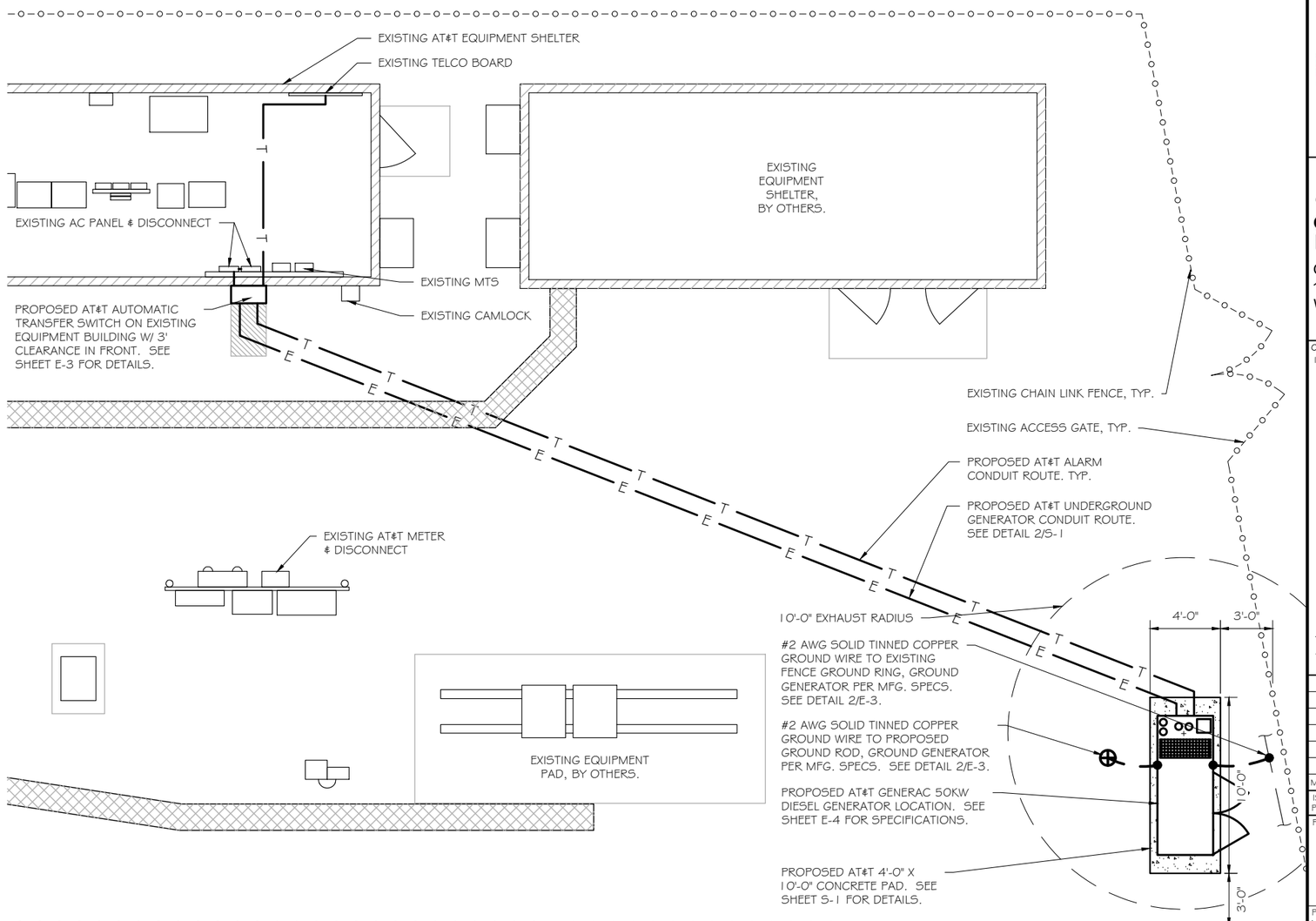
SCOPE OF WORK DETAILS

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

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

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



SITE PLAN
SCALE: 1" = 7.5'

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OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
SITE PLAN & EQUIPMENT LAYOUT

0 3.75' 7.5' 15'
11" x 17" - 1" = 7.5'
22" x 34" - 1" = 3.75'

PROJECT NUMBER: 54160
SHEET NUMBER: A-2

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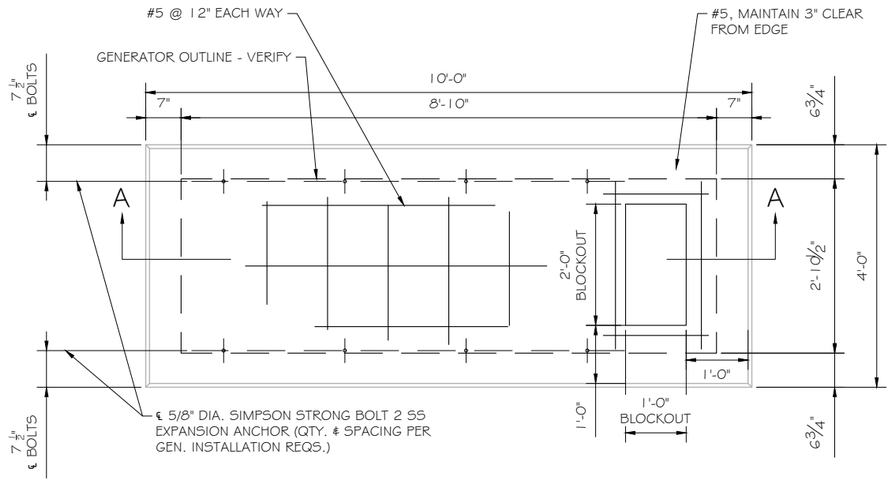
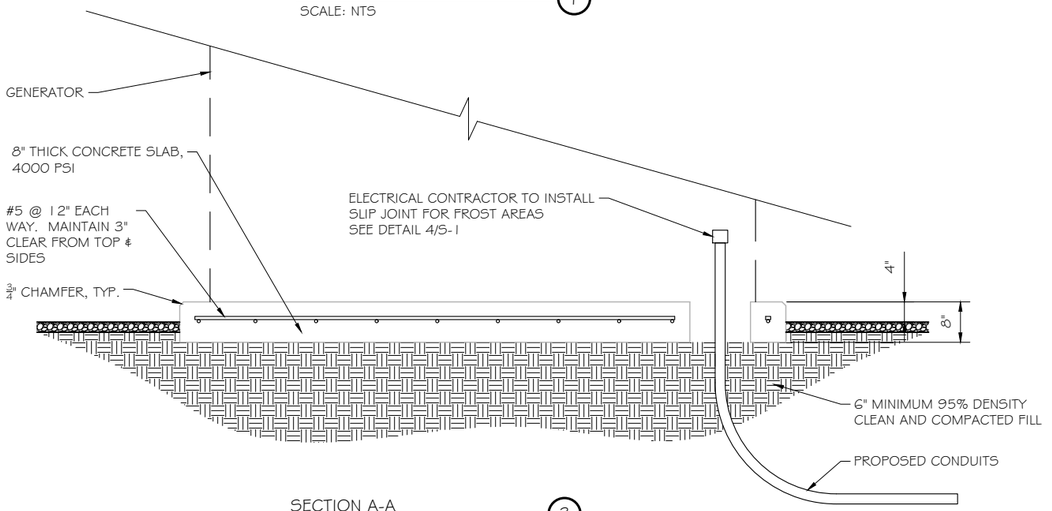


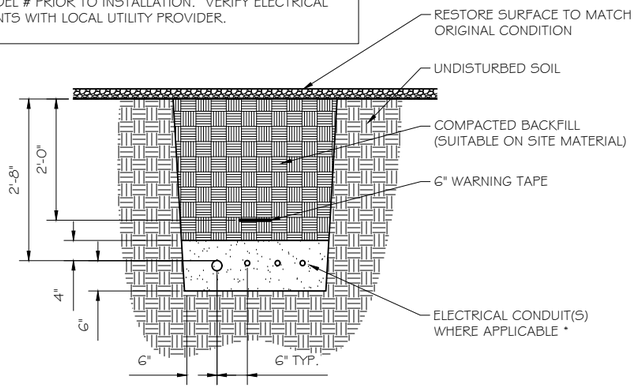
FOUNDATION PLAN (1)
SCALE: NTS



SECTION A-A (3)
SCALE: NTS

NOTE:

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



* SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS

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

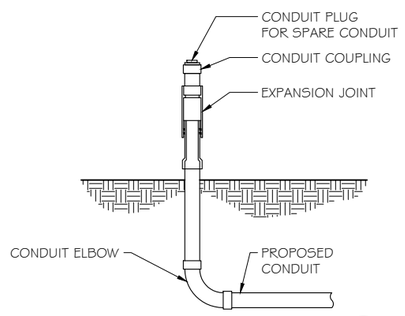
UTILITY CONDUIT TRENCH (2)
SCALE: NTS

DOUBLE WALL FUEL TANK BASE SPECIFICATION

REF: ATT 50KW GENERATOR PACKAGE
UL REGISTRATION NUMBER: MH18459
U.L. 142 DOUBLE WALL FUEL TANK BASE SPECIFICATION
FUEL TANK BASE CONSTRUCTION:
- BE CONSTRUCTED IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARD UL-142. BE CONSTRUCTED IN ACCORDANCE WITH FLAMMABLE & COMBUSTIBLE LIQUIDS CODE, NFPA 30; THE STANDARD FOR INSTALLATION & USE OF STATIONARY COMBUSTIBLE ENGINE & GAS TURBINES, NFPA 37; AND THE STANDARD FOR EMERGENCY & STANDBY POWER SYSTEMS, NFPA 110.
- ANCHORS MINIMUM (4) @ 5/8" FOR GEN-SET MOUNTING

SUB BASE TANK TESTING: PRIMARY TANK & SECONDARY CONTAINMENT BASIN SECTIONS SHALL BE PRESSURIZED AT 3-5 PSI AND LEAK-CHECKED TO ENSURE INTEGRITY OF SUB BASE WELD SEAMS PER UL-142 STANDARDS
FUEL FILL: 5 GALLON SPILL CONTAINMENT WITH ALARM
- 40% REMAINING FOR ALARM
- 20% REMAINING FOR SHUT-DOWN

FACTORY PRE-SET AT 95% FULL FOR ALARM
FUEL CONTAINMENT BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 110% OF THE TANK CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK RUPTURE. A FUEL CONTAINMENT BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.



SLIPJOINT DETAIL (4)
SCALE: NTS

STRUCTURAL GENERAL NOTES

1.0 GENERAL CONDITIONS
1.1 DESIGN & CONSTRUCTION OF ALL WORK SHALL CONFORM TO LOCAL BUILDING CODES, ACI 318-11. IN CASE OF CONFLICT BETWEEN THE CODES, STANDARDS, REGULATIONS, SPECIFICATIONS, GENERAL NOTES AND/OR MANUFACTURER'S REQUIREMENTS, USE THE MOST STRINGENT PROVISIONS.
1.2 IT IS THE EXPRESS INTENT OF PARTIES INVOLVED IN THIS PROJECT THAT THE CONTRACTOR OR SUBCONTRACTOR OR INDEPENDENT CONTRACTOR OR THE RESPECTIVE EMPLOYEES SHALL EXCULPATE THE ARCHITECT, THE ENGINEER, TECH. CONSTRUCTION MANAGER, THE OWNER, & THEIR AGENTS FROM ANY LIABILITY WHATSOEVER & HOLD THEM HARMLESS AGAINST LOSS, DAMAGES, LIABILITY OR ANY EXPENSE ARISING IN ANY MATTER FROM THE WRONGFUL OR NEGLIGENT ACT, OR FAILURE TO CARRY METHODS, TECHNIQUES OR PROCEDURES OR FAILURE TO CONFORM TO THE STATE SCAFFOLDING ACT IN CONNECTIONS WITH THE WORK.
1.3 DO NOT SCALE DRAWINGS
1.4 VERIFY ALL EQUIPMENT MOUNTING DIMENSIONS PER MANUFACTURER DRAWINGS
1.5 DESIGN LOADS ARE (GENERAC):

LIVE LOAD	: 100 PSF
EQUIPMENT SIZE	: 889.1" H, 106" W, 38" D
WEIGHT WITH WOODEN SHIPPING SKID ENCLOSED GENERATOR	: 3974 LBS

2.0 FOR DESIGN & ANALYSIS OF THE FOUNDATION, THE MINIMUM NET SOIL BEARING CAPACITY SHALL BE ASSUMED TO BE 2000 PSF.
3.0 CONCRETE
3.1 MEET OR EXCEED THE FOLLOWING CODES & STANDARDS:

DESIGN	: ACI318-11
CONSTRUCTION	: ACI301
DETAILING	: CRSI MANUAL OF STANDARD PRACTICE
REINF. STEEL	: ASTM A 615 GRADE 60, DEFORMED
MIXING	: ASTM C 94. READY MIX CONCRETE
AIR ENTRAINMENT	: ACI 318 AND ASTM C-260
AGGREGATE	: ASTM C 33 AND C 330 (FOR LIGHT WEIGHT)

3.2 CONCRETE STRENGTH AT 28 DAYS SHALL BE 4000 PSI MINIMUM
3.3 DO NOT FIELD BEND OR WELD TO GRADE 60 REINFORCED STEEL
3.4 PROVIDE AIR ENTRAINED CONCRETE WITH AIR CONTENT OF 5 TO 7% FOR ALL CONCRETE EXPOSED TO EARTH OR WEATHER.
3.5 MAXIMUM AGGREGATE SIZE: 3/4"
3.6 DO NOT USE IN ADMIXTURE, WATER OR OTHER CONSTITUENTS OF CONCRETE WHICH HAS CALCIUM CHLORIDE.
3.7 MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS SHOWN ON PLAN.
4.0 FOUNDATION & EXCAVATION NOTES
4.1 SLAB SHALL BE CONSTRUCTED UPON UNDISTURBED, NATURAL SUBGRADE OR COMPACTED GRANULAR FILL WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 1800 PSF.
4.2 ALL ORGANIC AND/OR OTHER UNSUITABLE MATERIAL SHALL BE REMOVED FRO FOUNDATION & SLAB SUBGRADE & BACKFILL AREAS, & THEN BACKFILLED WITH ACCEPTABLE GRANULAR FILL COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D1557).
4.3 THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY WATER, FROST, OR ICE FROM PENETRATING ANY FOOTING OR STRUCTURAL SUBGRADE BEFORE & AFTER PLACING OF CONCRETE, AND UNTIL SUCH CONCRETE HAS FULLY CURED.

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FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
FOUNDATION DETAILS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: S-1

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DIAGRAM CIRCUIT SCHEDULE

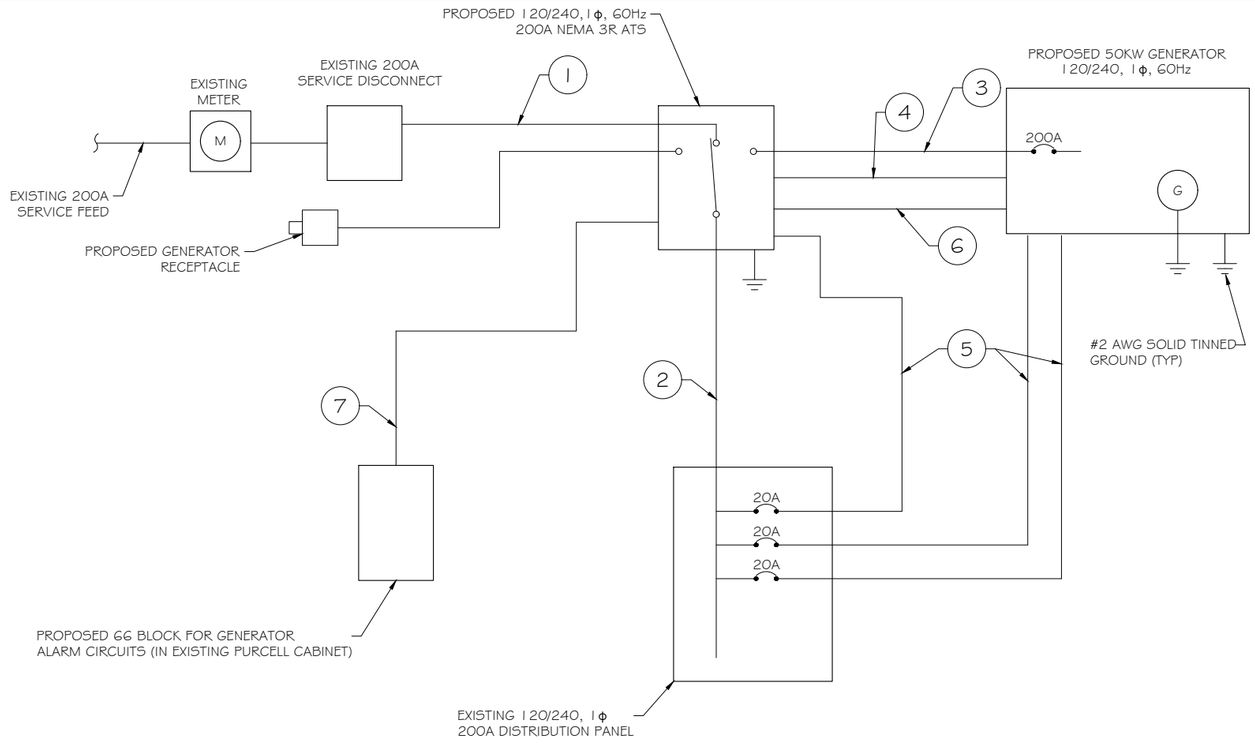
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	NORMAL POWER SOURCE	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4	2"	NORMAL POWER FEEDER TO ATS (CUT BACK EXISTING)
2	AUTOMATIC TRANSFER SWITCH	LOAD CENTER	(3) 3/0	(1) #4	2"	POWER FEEDER FROM ATS TO PANEL
3	GENERATOR	AUTOMATIC TRANSFER SWITCH	(3) 3/0	(1) #4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

CIRCUIT DETAIL (1)
SCALE: NTS

ALARM WIRE IDENTIFICATION CHART

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

ALARM WIRING IDENTIFICATION CHART (2)
SCALE: NTS



PROPOSED WIRING DIAGRAM (3)
SCALE: NTS

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FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
WIRING DETAILS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: E-1

AC Distribution Panel - Layout Diagram									
Breaker Position	Breaker Type	On/Off	Size	Circuit Label	Breaker Position	Breaker Type	On/Off	Size	Circuit Label
1	2P	ON	60	HVAC 1	2	2P	ON	60	HVAC 2
3					4				
5	1P	ON	20	RECEPT	6	1P	ON	15	IN & EXT LIGHTS
7	1P	ON	20		8	1P	ON	20	EXT RECEPT
9	1P	ON	20	VENT SYSTEM	10	1P	ON	15	SMOKE DET
11	1P	ON	20		12	1P	ON	20	BATT CHARGE
13	1P	OFF	20	BARD CONTROLLER	14	2P	ON	100	SUBPANEL
15					16				
17					18				
19					20				
21					22				
23					24				
25					26				
27					28				
29					30				
31					32				
33					34				
35					36				
37					38				
39					40				
41					42				

EXISTING PANEL SCHEDULE (1)
SCALE: NTS

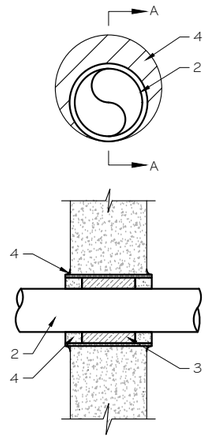
AC Distribution Panel - Layout Diagram									
Breaker Position	Breaker Type	On/Off	Size	Circuit Label	Breaker Position	Breaker Type	On/Off	Size	Circuit Label
1	2P	OFF		RECT 1	2	2P	OFF		RECT 2
3					4				
5	2P	OFF		RECT 3	6	2P	OFF		RECT 4
7					8				
9	2P	OFF		RECT 5	10	2P	ON		SHELF 1-2 POSITION 1
11					12				
13	2P	OFF			14	2P	ON		SHELF 1-2 POSITION 2
15					16				
17	2P	OFF			18	2P	ON		SHELF 1-2 POSITION 3
19					20				
21	1P	OFF			22	2P	ON		SHELF 3-4 POSITION 4
23	1P	OFF			24				
25	1P	OFF			26	2P	ON		SHELF 3-4 POSITION 5
27	1P	OFF			28				
29	1P	OFF			30	1P	OFF		
31					32				
33					34				
35					36				
37					38	**1P**	**ON**	**20**	**BATTERY CHARGER**
39					40	**1P**	**ON**	**20**	**BLOCK HEATER**
41					42	**1P**	**ON**	**20**	**ATS**

PROPOSED SUBPANEL SCHEDULE (1a)
SCALE: NTS

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

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

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



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.

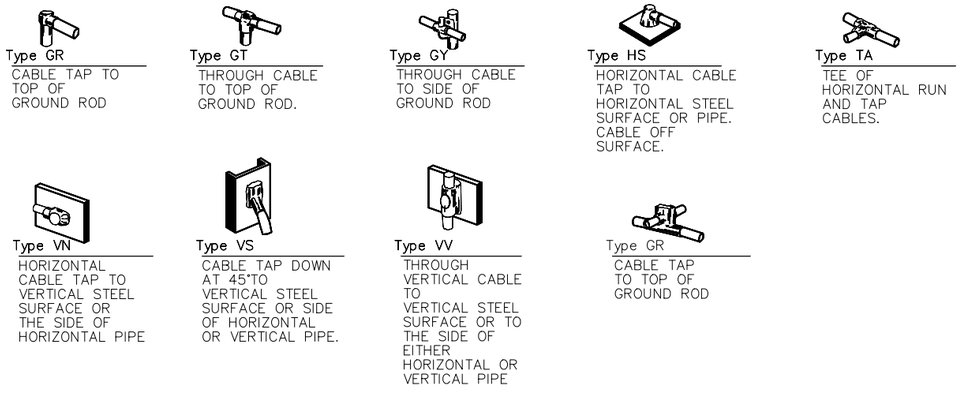
U.L. SYSTEM NO. C-AJ-1150
CONDUIT THROUGH BEARING WALL SIMILAR TO U.L. DESIGN NO. U902
F RATING = 3 HR
T RATING = 0 HR

1. FLOOR OR WALL ASSEMBLY : MINIMUM 4-1/2" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAMETER OF OPENING IS 4". SEE CONCRETE BLOCKS (CAT2) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. THROUGH PENETRATIONS : ONE METALLIC PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE SHALL BE MINIMUM 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.
3. PACKING MATERIAL: MINIMUM 6" THICKNESS OF MIN 4.0 PCF MINERAL WOOL BATTING INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
4. FILL, VOID, OR CAVITY MATERIAL*: SEALANT: MINIMUM 1/4" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR AND WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN PIPE AND CONCRETE, A MINIMUM 1/2" DIAMETER BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE ON THE TOP SURFACE OF FLOOR AND ON BOTH SURFACES OF WALL. W RATING APPLIES ONLY WHEN 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

OUTER WALL PENETRATION DETAIL (IF APPLICABLE) (2)
SCALE: NTS



CADWELD DETAILS (3)
SCALE: NTS

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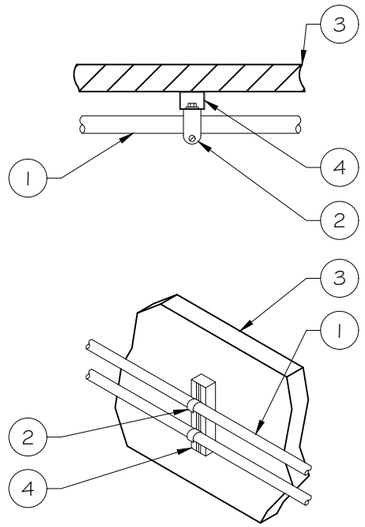
SHEET TITLE:
PANEL AND PENETRATION DETAILS

SCALE: NONE

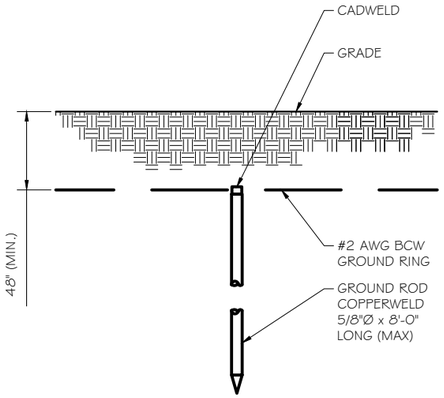
PROJECT NUMBER: 54160
SHEET NUMBER: E-2

1. CONDUIT (TYP)
2. BUTTERFLY CLAMP AS REQUIRED
3. EXISTING WALL/CEILING
4. VERTICAL "UNISTRUT" P1000 'T' SERIES LENGTH BASED ON NUMBER OF CONDUIT TO BE MOUNTED

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



CONDUIT WALL MOUNT 1
SCALE: NTS

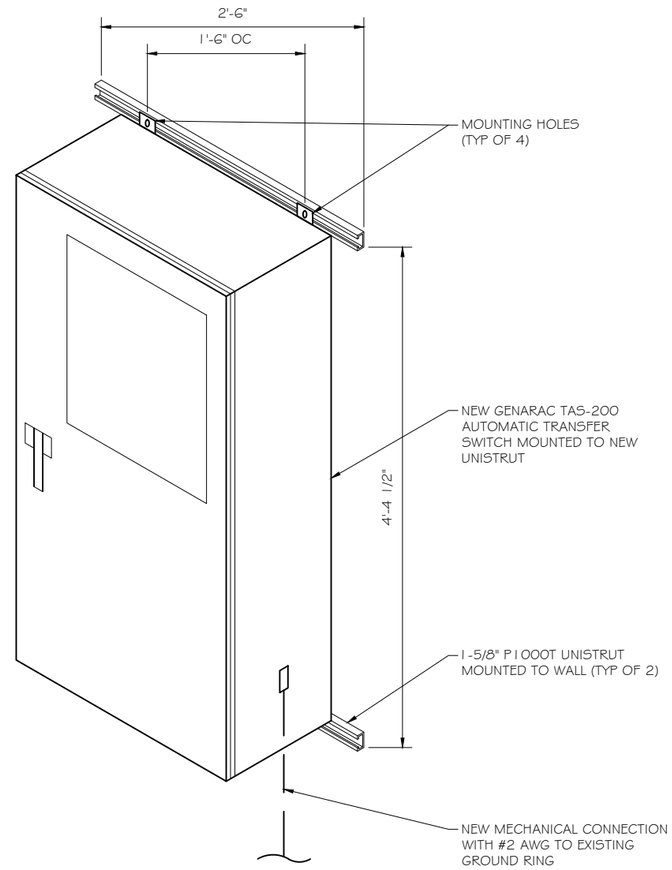


NOTE:
1. GROUND RODS MAY BE:
   - COPPER CLAD STEEL
   - SOLID COPPER
2. GROUND RODS SHALL HAVE A MAXIMUM SPACING TWICE THE LENGTH OF ROD
3. SEE RESISTIVITY REPORT FOR VERIFICATION AS AVAILABLE
4. A LARGER CONDUCTOR SHALL BE REQUIRED IN AREAS HIGHLY PRONE TO LIGHTNING AND/OR AREAS WITH HIGHLY ACIDIC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

GROUND ROD DETAIL 2
SCALE: NTS

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

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



GENERAC ATS MOUNTING DETAIL 3
SCALE: NTS

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PREPARED FOR:
at&t Mobility

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

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

STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
ATS, CONDUIT & GROUND ROD DETAILS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: E-3

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

Standby Power Rating
50 kW, 63 kVA, 60 Hz

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

ISO 9001:2008

USA ENGINEERED & BUILT* *Assembled in the USA using domestic and foreign parts

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

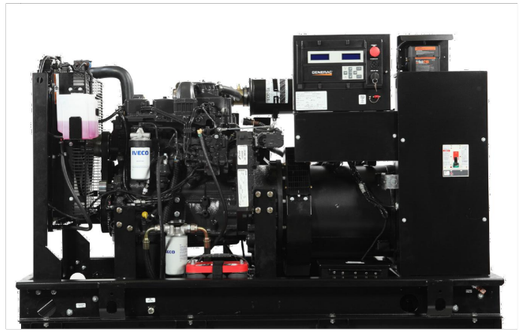

Image used for illustration purposes only

Codes and Standards

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

- UL2200, UL6200, UL1236, UL489, UL142
- CSA C22.2, ULC S601
- 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)

Powering Ahead

For over 60 years, Generac has provided innovative design and superior manufacturing.

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

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

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

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

SPEC SHEET 1 of 6

SD050 | 4.5L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency
GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

ENGINE SYSTEM
- Engine Block Heater
- Oil Drain Extension
- Air Cleaner
- Level 1 Fan and Belt Guards (Open Set Only)
- Stainless Steel Flexible Exhaust Connection
- Radiator Duct Adapter (Open Set Only)

Fuel System
- Fuel Lockoff Solenoid
- Secondary Fuel Filter

Cooling System
- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- Radiator Drain Extension

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

ALTERNATOR SYSTEM
- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Brushless Excitation
- Sealed Bearing
- Full Load Capacity Alternator
- Protective Thermal Switch

GENERATOR SET
- Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Dual Breakers
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- 1 Year Limited Warranty (Prime Rated Units)

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

FUEL TANKS (If Selected)
- UL 142, ULC S601
- Double Wall
- 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 2 of 6

GENERAC 50KW GENERATOR SPECIFICATIONS (1)
SCALE: NTS

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(608) 643-4100 www.ramaker.com

PREPARED FOR:

at&t Mobility

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

Certification & Seal:
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STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAC 50KW GENERATOR SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: E-4

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- Oil Heater
- Industrial Silencer
- Level 1 Fan and Belt Guards (Enclosed Units Only)
- Critical Grade Silencer (Open Set Only)
- Air Filter Restriction Indication
- Radiator Stone Guard (Open Set Only)

FUEL SYSTEM

- NPT Flexible Fuel Line

ELECTRICAL SYSTEM

- Battery Heater
- 10A UL Listed Battery Charger

CIRCUIT BREAKER OPTIONS

- Main Line Circuit Breaker
- 2nd Circuit Breaker
- Shunt Trip Wand Auxiliary Contacts
- Electronic Trip Breakers

GENERATOR SET

- 8 Position Load Center
- Extended Factory Testing

ALTERNATOR SYSTEM

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

ENCLOSURE

- Weather Protected Enclosure
- Level 1 Sound Attenuated Enclosure
- Level 2 Sound Attenuated Enclosure
- Steel Enclosure
- Aluminum Enclosure
- IBC Seismic Certified
- AC/DC Enclosure Light Kits (Enclosed Units Only)
- Door Open Alarm Switch
- Pad Vibration Isolators
- Up to 200 MPH Wind Load Rating (Contact Factory for Availability)

CONTROL SYSTEM

- NFPA 110 Level 1 Compliant 21-Light Remote Annunciator
- Remote Relay Assembly (8 or 16)
- Oil Temperature Indication and Alarm
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- E-Stop Terminal
- Remote Communication - Modem
- 10A Engine Run Relay
- Ground Fault Annunciator
- 100 dB Alarm Horn
- 120V GFCI and 240V Outlets

WARRANTY (Standby Gensets Only)

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

FUEL TANKS (Size on Last Page)

- 8 in Fuel Extension
- 13 in Fuel Extension

ENGINEERED OPTIONS

ENGINE SYSTEM

- Coolant Heater Ball Valves
- Fluid Containment Pan

CONTROL SYSTEM

- Battery Disconnect Switch
- Battery Box

GENERATOR SET

- Special Testing
- Battery Box

ENCLOSURE

- Motorized Dampers
- Enclosure Heater

FUEL TANKS

- Overfill Protection Valve
- UL 2085 Tank
- Special Fuel Tanks
- External Vent Extensions
- Tank Risers
- 5 Gallon Spill Box
- Lockable Fuel Fill
- Pipe Flanges
- 90% High Fuel Alarm

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Iveco/FPT
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	4
Type	In-Line
Displacement - in^3 (L)	274 (4.5)
Bore - in (mm)	4.1 (105)
Stroke - in (mm)	5.2 (132)
Compression Ratio	17.5:1
Intake Air Method	Turbocharged
Cylinder Head Type	2-Valve
Piston Type	Aluminum
Crankshaft Type	Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear Driven
Oil Filter Type	Full-Flow Cartridge
Crankcase Capacity - qt (L)	14.4 (13.6)

Cooling System

Cooling System Type	Closed Recovery
Water Pump Type	Belt Driven Centrifugal
Fan Type	Pusher
Fan Speed - RPM	2,538
Fan Diameter - in (mm)	26 (660)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (Microns)	5
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line - in (mm)	0.5 (12.7) NPT
Fuel Return Line - in (mm)	0.5 (12.7) NPT

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	20 A
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	K0050124Y21
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5% (3-Phase Only)
Telephone Interference Factor (TIF)	<50
Standard Excitation	Synchronous Brushless
Bearings	One, Pre-Lubed and Sealed
Coupling	Direct via Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

GENERAC 50KW GENERATOR SPECIFICATIONS (1)
SCALE: NTS

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PREPARED FOR:

at&t Mobility

CONSULTANT:

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WESTWOOD, MA 02090

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STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: Date: 2/01/2024

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A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAC 50KW GENERATOR SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 54160

SHEET NUMBER: E-4.1

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

OPERATING DATA

POWER RATINGS

	Standby	
Single-Phase 120/240 VAC @1.0pf	50 kW	Amps: 208
Three-Phase 120/208 VAC @0.8pf	50 kW	Amps: 173
Three-Phase 120/240 VAC @0.8pf	50 kW	Amps: 150
Three-Phase 277/480 VAC @0.8pf	50 kW	Amps: 75
Three-Phase 346/600 VAC @0.8pf	50 kW	Amps: 60

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip

277/480 VAC	30%	208/240 VAC	30%
K0050124Y21	98	K0050124Y21	75
K0060124Y21	124	K0060124Y21	95

FUEL CONSUMPTION RATES*

Fuel Pump Lift- ft (m)	Diesel - gph (Lph)	
3 (1)	Percent Load	Standby
	25%	1.2 (4.4)
	50%	2.3 (8.5)
Total Fuel Pump Flow (Combustion + Return) - gph (Lph)	75%	3.2 (12.2)
13.6 (51.5)	100%	4.2 (15.8)

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

COOLING

		Standby
Coolant Flow	gpm (Lpm)	32.7 (123.8)
Coolant System Capacity	gal (L)	4.5 (17.4)
Heat Rejection to Coolant	BTU/hr (kW)	121,000 (35.5)
Inlet Air	scfm (m^3/min)	6,360 (180)
Maximum Operating Radiator Air Temperature	°F (°C)	122 (50)
Maximum Ambient Temperature (Before Derate)		See Bulletin No. 0199270SSD
Maximum Additional Radiator Backpressure	in H_2O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power - scfm (m^3/min)	205 (5.8)

ENGINE

		Standby
Rated Engine Speed	RPM	1,800
Horsepower at Rated kW**	hp	80
Piston Speed	ft/min (m/min)	1,559 (475)
BMEP	psi (kPa)	128.5 (886)

EXHAUST

		Standby
Exhaust Flow (Rated Output)	scfm (m^3/min)	497 (14.1)
Maximum Allowable Backpressure (Post Silencer)	inHg (kPa)	1.5 (5.1)
Exhaust Temperature (Rated Output - Post Turbo)	°F (°C)	850 (454)

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

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.
Standby - See Bulletin 10000018933
Prime - See Bulletin 10000018926

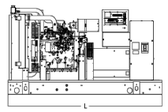
SPEC SHEET 5 of 6

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

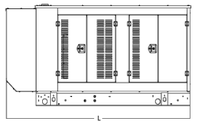
EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



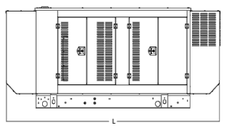
OPEN SET

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	76.5 (1,942) x 37.4 (950) x 52.6 (1,335)	2,141 - 2,488 (941 - 1,128)
12	54 (204)	76.5 (1,942) x 37.4 (950) x 65.6 (1,665)	2,621 - 2,968 (1,159 - 1,346)
31	132 (500)	76.5 (1,942) x 37.4 (950) x 77.6 (1,970)	2,851 - 3,198 (1,263 - 1,450)
50	211 (799)	76.5 (1,942) x 37.4 (950) x 89.6 (2,275)	3,060 - 3,407 (1,358 - 1,545)
71	300 (1,136)	92.9 (2,360) x 37.4 (950) x 93.1 (2,364)	3,123 - 3,470 (1,386 - 1,573)
121	510 (1,931)	116.5 (2,960) x 46.5 (1,180) x 95.0 (2,411)	3,506 - 3,853 (1,562 - 1,749)



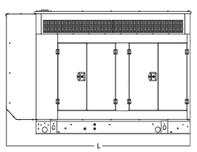
WEATHER PROTECTED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	94.8 (2,409) x 38.0 (965) x 49.5 (1,258)	Steel: 2,588 - 3,017 (1,174 - 1,368) Aluminum: 2,366 - 2,748 (1,073 - 1,246)
12	54 (204)	94.8 (2,409) x 38.0 (965) x 62.5 (1,588)	Steel: 3,068 - 3,497 (1,392 - 1,586) Aluminum: 2,846 - 3,228 (1,291 - 1,464)
31	132 (500)	94.8 (2,409) x 38.0 (965) x 74.5 (1,893)	Steel: 3,298 - 3,727 (1,496 - 1,690) Aluminum: 3,076 - 3,458 (1,395 - 1,568)
50	211 (799)	94.8 (2,409) x 38.0 (965) x 86.5 (2,198)	Steel: 3,507 - 3,936 (1,591 - 1,785) Aluminum: 3,285 - 3,667 (1,490 - 1,663)
71	300 (1,136)	94.8 (2,409) x 38.0 (965) x 90.0 (2,287)	Steel: 3,570 - 3,999 (1,619 - 1,813) Aluminum: 3,348 - 3,730 (1,518 - 1,691)
121	510 (1,931)	116.5 (2,960) x 46.5 (1,180) x 91.9 (2,334)	Steel: 3,953 - 4,382 (1,795 - 1,989) Aluminum: 3,731 - 4,113 (1,694 - 1,867)



LEVEL 1 SOUND ATTENUATED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	112.5 (2,857) x 38.0 (965) x 49.5 (1,258)	Steel: 2,668 - 3,178 (1,210 - 1,441) Aluminum: 2,366 - 2,748 (1,073 - 1,246)
12	54 (204)	112.5 (2,857) x 38.0 (965) x 62.5 (1,588)	Steel: 3,148 - 3,658 (1,428 - 1,659) Aluminum: 2,846 - 3,228 (1,291 - 1,464)
31	132 (500)	112.5 (2,857) x 38.0 (965) x 74.5 (1,893)	Steel: 3,378 - 3,888 (1,532 - 1,763) Aluminum: 3,076 - 3,458 (1,395 - 1,568)
50	211 (799)	112.5 (2,857) x 38.0 (965) x 86.5 (2,198)	Steel: 3,587 - 4,097 (1,627 - 1,858) Aluminum: 3,285 - 3,667 (1,490 - 1,663)
71	300 (1,136)	112.5 (2,857) x 38.0 (965) x 90.0 (2,287)	Steel: 3,650 - 4,160 (1,655 - 1,886) Aluminum: 3,348 - 3,730 (1,518 - 1,691)
121	510 (1,931)	116.5 (2,960) x 46.5 (1,180) x 91.9 (2,334)	Steel: 4,033 - 4,543 (1,831 - 2,062) Aluminum: 3,731 - 4,113 (1,694 - 1,867)



LEVEL 2 SOUND ATTENUATED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	94.8 (2,409) x 38.0 (965) x 62.0 (1,573)	Steel: 2,820 - 3,306 (1,297 - 1,499) Aluminum: 2,466 - 2,872 (1,118 - 1,303)
12	54 (204)	94.8 (2,409) x 38.0 (965) x 75.0 (1,903)	Steel: 3,300 - 3,786 (1,497 - 1,717) Aluminum: 2,946 - 3,352 (1,336 - 1,521)
31	132 (500)	94.8 (2,409) x 38.0 (965) x 87.0 (2,208)	Steel: 3,530 - 4,016 (1,601 - 1,821) Aluminum: 3,176 - 3,582 (1,440 - 1,625)
50	211 (799)	94.8 (2,409) x 38.0 (965) x 99.0 (2,513)	Steel: 3,739 - 4,225 (1,696 - 1,916) Aluminum: 3,385 - 3,791 (1,535 - 1,720)
71	300 (1,136)	94.8 (2,409) x 38.0 (965) x 102.5 (2,602)	Steel: 3,802 - 4,288 (1,724 - 1,944) Aluminum: 3,448 - 3,854 (1,563 - 1,748)
121	510 (1,931)	116.5 (2,960) x 46.5 (1,180) x 104.4 (2,649)	Steel: 4,185 - 4,671 (1,900 - 2,120) Aluminum: 3,831 - 4,237 (1,739 - 1,924)

* 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 6 of 6

Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189
P: (262) 544-4811 ©2020 Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice.
Part No. 0191740SBY
Rev. F 04/14/2020

GENERAC 50KW GENERATOR SPECIFICATIONS
SCALE: NTS
1

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

PREPARED FOR:

at&t Mobility

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

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

STATE OF CONNECTICUT
DARYL R. MATZKE
No. 34565
LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAC 50KW GENERATOR SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: E-4.2

TTS Series Switches

200 Amps 600 VAC

GENERAC® | INDUSTRIAL POWER

TAS200

200A Automatic Transfer Switch

TAS200 TAS200

1 of 3 2 of 3

The Generac TAS200 Automatic Transfer Switch

Flexibility for multiple application installations

Multiple generator support with 3 source panel

Designed with a 6 inch touch screen controller for improved user interface

Camlock functionality for mobile generator sources

Image used for illustration purposes only.

Features

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

Optional Features

- **EXTENDED WARRANTY**
- **THREE-PHASE VOLTAGE CONFIGURATIONS**

Codes and Standards

Generac products are designed to the following standards:

c UL us LISTED — UL1008, UL508, UL50, CSA C22.2 No. 178

nec — NEC 700, 701 and 702

NEMA — NEMA 250

Application and Engineering Data

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

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

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

GENERAC ATS SPECIFICATIONS
SCALE: NTS
1

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

PREPARED FOR:

at&t Mobility

CONSULTANT:
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101 STATION DR
WESTWOOD, MA 02090

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STATE OF CONNECTICUT · DARYL R. MATZKE · No. 34565 · LICENSED PROFESSIONAL ENGINEER

Signature: 2/01/2024 Date:

MARK	DATE	DESCRIPTION
A	10/02/23	REVISED PCDs

ISSUE PHASE: FINAL DATE ISSUED: 02/01/2024

PROJECT TITLE:
OVERLAY - MIDDLEBURY STRAITS TPKE
FA ID # 10035253

PROJECT INFORMATION:
1021 STRAITS TURNPIKE
MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAC ATS SPECIFICATIONS

SCALE: NONE

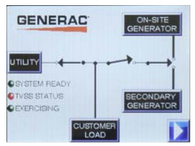
PROJECT NUMBER: 54160
SHEET NUMBER: E-5

GENERAC | INDUSTRIAL POWER

TTS Control Systems

TAS200

Touch Screen Interface



INDICATORS AND BUTTONS

• System Ready indicator • Standby Operating indicator • Utility Available indicator • GEN/UTIL Switch Position indicator • TVSS status	• Normal Test button • Fast Test button • Return to Normal button • Reset button • Exercising indicator

DETAILS SCREEN

System Settings:

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

Engine Settings:

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

Exercise Settings:

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

Screen Settings:

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

Diagnostics:

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

Mimic Diagram:

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

Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com

GENERAC ATS SPECIFICATIONS (1)
SCALE: NTS

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

PREPARED FOR:
at&t Mobility

CONSULTANT:
GENERAL DYNAMICS
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ISSUE PHASE: FINAL
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MIDDLEBURY, CT 06762

SHEET TITLE:
GENERAC ATS SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 54160
SHEET NUMBER: E-5.1

ATTACHMENT 2

16981

APPLICATION FOR PERMIT — TOWN OF MIDDLEBURY

LOCATION OF JOB

4-06 (MAP) 425 (LOT) (BLOCK)

1021 (NO.) Straits Turnpike (STREET NAME)

Middlebury (TOWN) CT (STATE) 06762 (ZIP)

FEE SCHEDULE

BUILDING OFFICIAL MAY REQUIRE AFFIDAVIT OF ACTUAL VALUE

TYPE OF JOB

_ BUILDING _ ELECTRIC
_ PLUMBING _ MECHANICAL

_ NEW ✓ ADDITION
_ REPAIR _ ALTERATION
_ DEMOLITION
_ CHANGE OF USE

OWNER

Town of Middlebury (LAST NAME / FIRST NAME)

PO Box 392 (NO. / STREET NAME)

Middlebury (TOWN) CT (STATE) 06762 (ZIP)

VALUE - FEE

$100,000 CONSTRUCTION VALUE

$800.00 FEE AMOUNT

REQUIREMENTS

_ ZONING _ HEALTH DEPT.
_ FIRE MARSHAL _ PLOT PLAN
_ INSURANCE PROOF (W. C.)
_ HISTORICAL APPROVAL
_ FLOOD PLAIN APPROVAL
_ TWO SETS OF PLANS

APPLICANT

Nextel Communications (LAST NAME / FIRST NAME)

100 Corporate Place (NO. / STREET NAME)

Rocky Hill (TOWN) CT (STATE) 06067 (ZIP)

DECISION

APPLICATION IS HEREBY

_ APPROVED

_ DISAPPROVED

Sept. 3 1999 (DATE) LJJ (CODE OFFICIAL)

TYPE OF BUILDING

CONSTRUCTION TYPE 3C - MASONRY

USE GROUP UTILITY

BUILDER / CONTRACTOR INFORMATION

Flynn Conway's Bldg. Co Inc (NAME)

953 Putnam Pike (NO. / STREET NAME)

Chepachet (TOWN) RI (STATE) 02814 (ZIP)

00900617 LICENSE OR REGISTRATION NUMBER AND CLASS

6/30/2000 EXPIRATION DATE

(401) 567-0600 CONTRACTOR TELEPHONE

CONTRACTOR SIGNATURE

Need + Insurance Certificate

PERMITS EXPIRE ONE YEAR FROM DATE OF ISSUE

REMARKS OR A BRIEF DESCRIPTION OF WORK PROPOSED:

Installation of an unmanned wireless telecommunications facility at an existing Omnipoint Communications site. A 10'x20' pre-fabricated concrete equipment shelter and 12 wireless panel antennas will be installed. New telco. and electric services will be run from the existing demarc. and meter bank.

THIS IS TO CERTIFY THAT I AM THE OWNER OR AUTHORIZED AGENT FOR THE OWNER. ALL WORK COVERED BY THIS APPLICATION HAS BEEN AUTHORIZED BY THE OWNER OF THE ABOVE DESCRIBED PROPERTY AND WILL BE DONE ACCORDING TO THE CONNECTICUT BASIC BUILDING CODE. AS THE APPLICANT I UNDERSTAND THAT A FINAL INSPECTION AND A CERTIFICATE OF USE AND OR OCCUPANCY IS REQUIRED BEFORE OCCUPANCY OR USE.

FEE PAID BY:

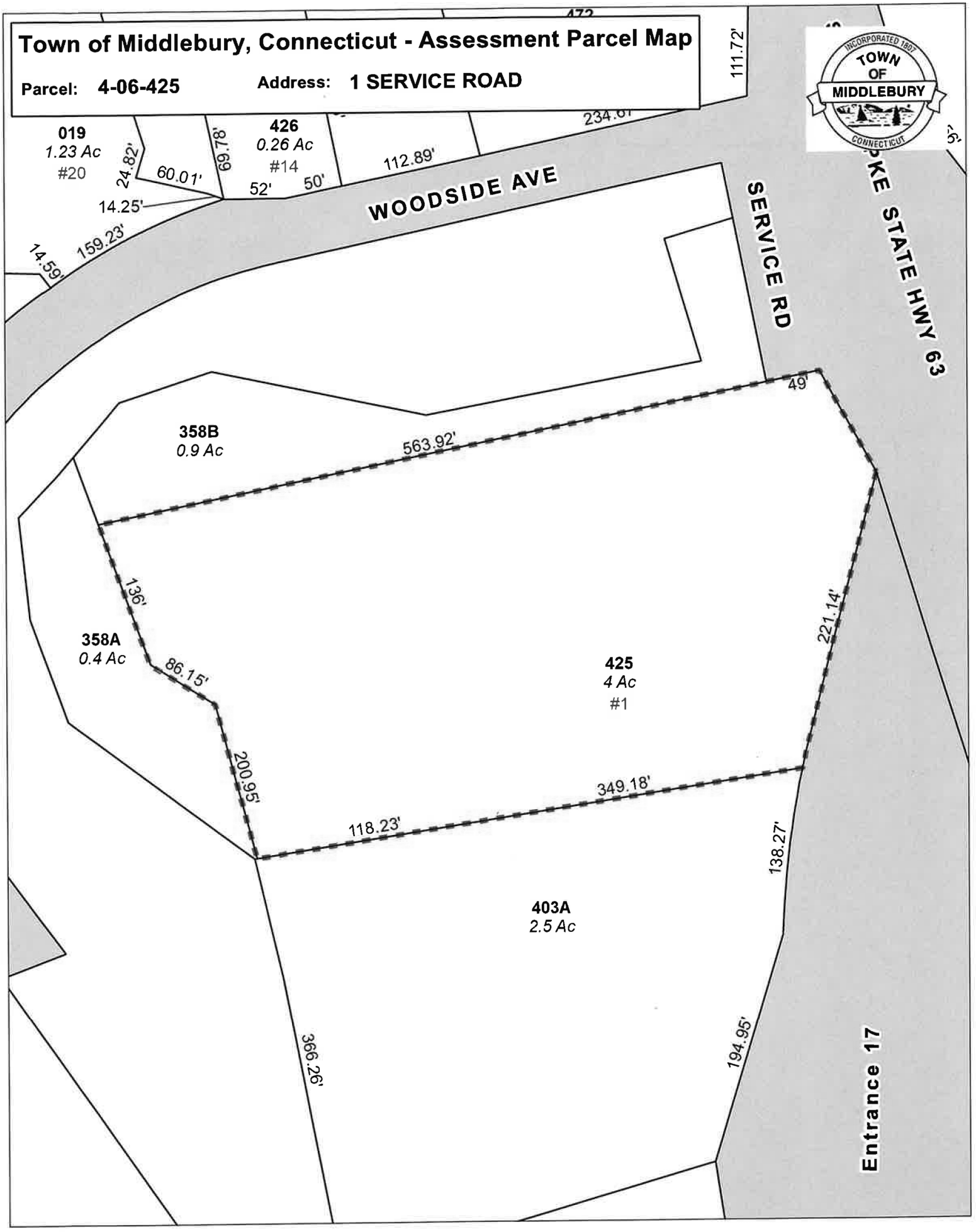
CK NO. 22225

AMOUNT $800.00

8/24/99 (DATE)

Jenny M. Chasé, P.E. (APPLICANT SIGNATURE)

Dep 10.00 pd ck # 22279



Map Produced May 2020

Approximate Scale: 1 inch = 100 feet

1 SERVICE ROAD

Location	1 SERVICE ROAD	**Mblu**	4-06/ / 425/ /
Acct#	M0336100	**Owner**	MIDDLEBURY TOWN OF
Assessment	$1,438,700	**Appraisal**	$2,055,100
PID	2352	**Building Count**	3

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$1,463,100	$592,000	$2,055,100
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$1,024,300	$414,400	$1,438,700

Owner of Record

Owner	MIDDLEBURY TOWN OF	**Sale Price**	$0
Co-Owner	(TOWN GARAGE/DOG POUND/TRANSFER/PUBLIC W	**Certificate**	1944
Address	1 SERVICE RD 1212 WHITTEMORE RD MIDDLEBURY, CT 06762	**Book & Page**	0040/0013
		Sale Date	.07/21/1944
		Instrument	XX

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
MIDDLEBURY TOWN OF	$0	1944	0040/0013	XX	07/21/1944

Building Information

Building 1 : Section 1

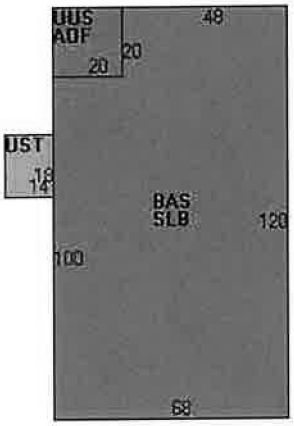
Year Built:	1991
Living Area:	8,160
Replacement Cost:	$244,244
Building Percent Good:	75
Replacement Cost Less Depreciation:	$183,200

Building Attributes	
Field	**Description**
Style	Pre-Eng Garage
Model	Comm/Ind
Grade	C
Stories	1 Story
Occupancy	1.00
Exterior Wall A	Pre-finsh Metl
Exterior Wall B	
Roof Structure	Gable
Roof Cover	Enam Metal
Interior Wall A	Minimum
Interior Wall B	
Interior Floor A	Concrete
Interior Floor B	
Heating Fuel	Gas
Heating Type	Hot Air-No Duc
AC Type	Partial
Struct Class	
Bldg Use	Mun Bldg Com
Bedrooms	
Full Baths	
Half Baths	
1st Floor Use	
Heat/AC	NONE
Frame Type	STEEL
Baths/Plumbing	AVERAGE
Ceiling/Walls	NONE
Rooms/Prtns	AVERAGE
Wall Height	16.00
% Comn Wall	

Building Photo

(https://images.vgsi.com/photos/MiddleburyCTPhotos/\00\00\66\05.jpg)

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	7,760	7,760
AOF	Office	400	400
SLB	Slab	7,760	0
UST	Utility Storage	252	0
UUS	Unfinished Upper Story	400	0
		16,572	8,160

Building 2 : Section 1

Year Built: 1991
Living Area: 952
Replacement Cost: $114,326
Building Percent Good: 75
Replacement Cost Less Depreciation: $85,700

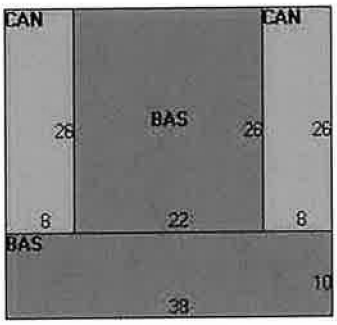
Building Attributes : Bldg 2 of 3	
Field	**Description**

Style	Vets Office
Model	Commercial
Grade	D+
Stories	1 Story
Occupancy	1.00
Exterior Wall A	Pre-finsh Metl
Exterior Wall B	Concr/Cinder
Roof Structure	Gable
Roof Cover	Enam Metal
Interior Wall A	Minimum
Interior Wall B	Drywall
Interior Floor A	Concrete
Interior Floor B	Vinyl
Heating Fuel	Gas
Heating Type	Hot Air-No Duc
AC Type	Central
Struct Class	
Bldg Use	Mun Bldg Com
Bedrooms	
Full Baths	
Half Baths	
1st Floor Use	
Heat/AC	HEAT/AC PKGS
Frame Type	MASONRY
Baths/Plumbing	AVERAGE
Ceiling/Walls	NONE
Rooms/Prtns	AVERAGE
Wall Height	16.00
% Comn Wall	

Building Photo

(https://images.vgsi.com/photos/MiddleburyCTPhotos/\00\00\66\06.jpg)

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	952	952
CAN	Canopy	416	0
		1,368	952

Building 3 : Section 1

Year Built: 1991
Living Area: 17,640
Replacement Cost: $868,374
Building Percent Good: 75
Replacement Cost Less Depreciation: $651,300

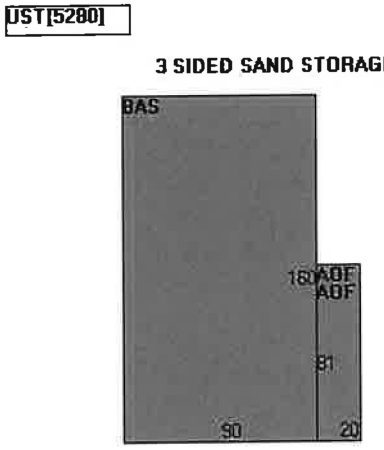
Building Attributes : Bldg 3 of 3	
Field	Description
Style	Pre-Eng Warehs
Model	Commercial
Grade	B

Stories	1 Story
Occupancy	1.00
Exterior Wall A	Pre-finsh Metl
Exterior Wall B	
Roof Structure	Gable
Roof Cover	Enam Metal
Interior Wall A	Drywall
Interior Wall B	
Interior Floor A	Concrete
Interior Floor B	Vinyl
Heating Fuel	Gas
Heating Type	Hot Air-No Duc
AC Type	Partial
Struct Class	
Bldg Use	Mun Bldg Com
Bedrooms	
Full Baths	
Half Baths	
1st Floor Use	
Heat/AC	HEAT/AC SPLIT
Frame Type	STEEL
Baths/Plumbing	AVERAGE
Ceiling/Walls	NONE
Rooms/Prtns	AVERAGE
Wall Height	25.00
% Comn Wall	

Building Photo

(https://images.vgsi.com/photos/MiddleburyCTPhotos/\00\00\66\07.jpg)

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	14,400	14,400
AOF	Office	3,240	3,240
UST	Utility Storage	6,400	0
		24,040	17,640

Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
A/C	Partial AC	3242.00 S.F.	$3,600	3
SPR1	Sprinklers- Wet	17621.00 S.F.	$27,800	3
SPR1	Sprinklers- Wet	952.00 S.F.	$1,500	2
SPR1	Sprinklers- Wet	8160.00 S.F.	$12,900	1
SOL	Solar Panels	0.00 Units	$0	1
GEN3	Perm Bkup Generator 30kw	1.00 Units	$800	1

GEN3	Perm Bkup Generator 30kw	1.00 Units	$800	3

Land

Land Use

Use Code	931
Description	Mun Garage
Zone	CA40
Neighborhood	C100
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	4
Frontage	0
Depth	0
Assessed Value	$414,400
Appraised Value	$592,000

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
ANTG	Guyed Tower	C	Cellular	295.00 L.F.	$36,800	2
IMP	Implement Shed			286.00 S.F.	$1,500	1
FN1	4' Chain Fence			5000.00 L.F.	$26,300	2
IMP	Implement Shed			360.00 S.F.	$1,900	1
IMP	Implement Shed			200.00 S.F.	$1,100	1
PAV1	Paving-Asphalt			20000.00 S.F.	$20,000	3
TWR	Cell Tower			1.00 Units	$378,000	1
KSK3	Kiosk - Office			128.00 S.F.	$10,100	1
KSK3	Kiosk - Office			160.00 S.F.	$7,600	1
GCAN	Gas Canopy			814.00 S.F.	$12,200	3

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,450,300	$592,000	$2,042,300
2019	$1,450,300	$592,000	$2,042,300
2018	$1,450,300	$592,000	$2,042,300

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,015,300	$414,400	$1,429,700
2019	$1,015,300	$414,400	$1,429,700
2018	$1,015,300	$414,400	$1,429,700

ATTACHMENT 3

ORIGIN ID:GAIA
CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET
ROCKVILLE, MD 20853
UNITED STATES US

(301) 266-0258

SHIP DATE: 31OCT23
ACTWGT: 1.00 LB
CAD: 105486753/INET4535

BILL SENDER

TO **EDWARD B. ST. JOHN, FIRST SELECTMAN**
TOWN OF MIDDLEBURY
1212 WHITTEMORE ROAD

MIDDLEBURY CT 06762
(203) 758-2439
INV:
PO:
REF:
DEPT:

583J4/C5BD/9AE3

J234023101501uv

FedEx Express

WED - 01 NOV 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7739 2721 8036**

EB BNHA

06762

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.

February 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 773927218036

Delivery Information:			
Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	M.LUCKOWSKI	**Delivery Location:**	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Feb 5, 2024 10:06

Shipping Information:			
Tracking number:	773927218036	**Ship Date:**	Feb 2, 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:GAIA
CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET
ROCKVILLE, MD 20853
UNITED STATES US

(301) 266-0258

SHIP DATE: 31OCT23
ACTWGT: 1.00 LB
CAD: 105486753/INET4535

BILL SENDER

TO **MIKE MOONEY**
PHOENIX TOWER INTERNATIONAL
999 YAMATO ROAD
SUITE 100
BOCA RATON FL 33431
(561) 257-0557
INV:
PO:
REF:
DEPT:

583J4/C5BD/9AE3

J234023101501uv

FedEx Express

WED - 01 NOV 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7739 2729 1500**

XS PHKA

33431
FL-US FLL

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.

February 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 773927291500

Delivery Information:			
Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	H.CRUZ	**Delivery Location:**	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Feb 5, 2024 08:47

Shipping Information:			
Tracking number:	773927291500	**Ship Date:**	Feb 2, 2024
		Weight:	1.0 LB/0.45 KG

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:GAIA
CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET
ROCKVILLE, MD 20853
UNITED STATES US

(301) 266-0258

SHIP DATE: 31OCT23
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CAD: 105486753/INET4535

BILL SENDER

TO **CURTIS BOSCO, ZEO**
TOWN OF MIDDLEBURY
1212 WHITTEMORE ROAD

MIDDLEBURY CT 06762
(203) 577-4162
INV:
PO:
REF:
DEPT:

583J4/C5BD/9AE3

J234023101501uv

FedEx Express

WED - 01 NOV 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7739 2725 9974**

EB BNHA

06762

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.

February 05, 2024

Dear Customer,

The following is the proof-of-delivery for tracking number: 773927259974

Delivery Information:			
Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	M.LUCKOWSKI	**Delivery Location:**	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		
		Delivery date:	Feb 5, 2024 10:06

Shipping Information:			
Tracking number:	773927259974	**Ship Date:**	Feb 2, 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