



November 17, 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
138 Main Street, Coventry, CT 06043
Lat.: 41.75194440; Long.: -072.26833330

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 138 Main Street in the Town of Coventry, Connecticut. The underlying property and tower are owned by Richard Pelletier (Pelle LLC). 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 the James Drumm, Town of Coventry Town Manager, Lisa Thomas, Town of Coventry Town Council Chair, Manuel Medina, Zoning Enforcement Officer, and Property and Tower Owner 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).

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:

James Drumm Town of Coventry Town Manager
1712 Main Street
Coventry, CT 06238
860-742-6324

Lisa Thomas, Town of Coventry Town Council Chair
1712 Main Street
Coventry, CT 06238
860-742-6324

Manuel Medina, Zoning Enforcement Officer
1712 Main Street
Coventry, CT 06238
860-742-4062

Richard Pelletier, Property & Tower Owner
138 Main Street
Coventry, CT 06238
860-742-5317

ATTACHMENT 1



at&t Mobility

SITE NAME: COVENTRY CT MAIN ST LTE
FA LOCATION CODE: 10113179

GENERATOR PROJECT
50KW GENERAC DIESEL GENERATOR
200A GENERAC ATS

138 MAIN STREET
TOLLAND, CT 06238



PREPARED FOR:



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.



 11/16/2023
Signature: Date:

VICINITY MAP



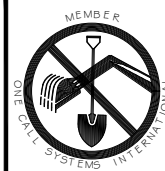
SCOPE OF WORK

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.

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



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.

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

SITE DATA:

SITE NAME: COVENTRY CT MAIN ST LTE
FA NUMBER: 10113179

PROPERTY OWNER:

PELLE LLC
138 MAIN STREET
COVENTRY, CT 06238

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

ADDRESS:

138 MAIN STREET
TOLLAND, CT 06238

COUNTY: TOLLAND

LAT.: 41.7519444°
LONG.: -72.2683333°

GROUND ELEVATION: 279 FT AMSL

APPLICANT INFORMATION:

AT&T MOBILITY
7150 STANDARD DR
HANOVER, MD 21076

DO NOT SCALE DRAWINGS:

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

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

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SIGNATURE BLOCK

AT&T MGR. _____ DATE _____

GENERAL DYNAMICS
CONSTRUCTION MGR. _____ DATE _____

SITE ACQUISITION _____ DATE _____

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023

PROJECT TITLE:

COVENTRY CT MAIN ST
LTE
FA ID # 10113179

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:

TITLE SHEET

SCALE: NONE

PROJECT NUMBER 57084

SHEET NUMBER T-1

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. 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)

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 (380 DEGREES TOTAL) EXIST IN A CONDUIT RUN.
2. ALL POWER AND CONTROL/INDICATION WIRING SHALL BE TYPE THHN/THWN 800V RATED 75 DEGREES CELSIUS, UNLESS NOTED OTHERWISE.

3. SCHEDULE 80 PVC CONDUIT SHALL BE USED ABOVE GROUND, WHERE ABOVE GRADE IS DEFINED AS THE GROUND OF THE TURN-UP
4. BELL END OR TERMINAL ADAPTER MUST BE INSTALLED ON END OF PVC CONDUIT PER NEC 352.46. 300.4 F, (3)
5. CONDUIT BENDS SHALL BE MADE IN ACCORDANCE WITH NEC TABLE 346-10. NO RIGHT ANGLE DEVICE OTHER THAN STANDARD CONDUIT ELBOWS WITH 1/2" 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 (AVC, 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:



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.



 Signature: 11/16/2023 Date:

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023

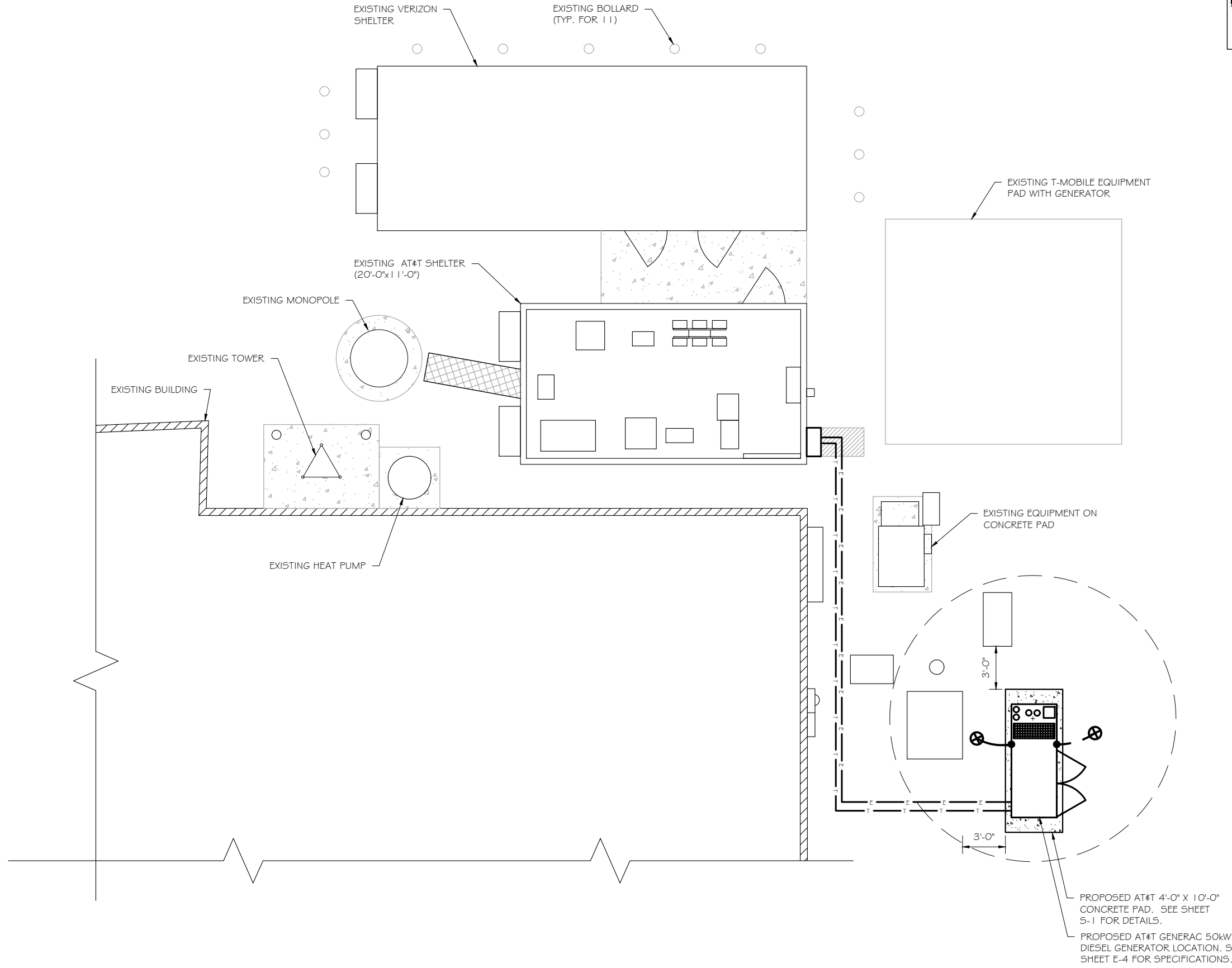
PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
GENERAL NOTES

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	N-1





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

PREPARED FOR:

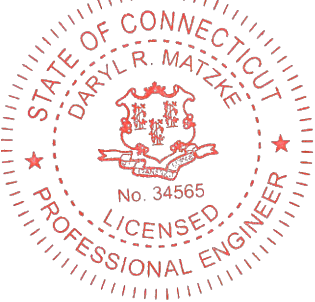


at&t
Mobility

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.



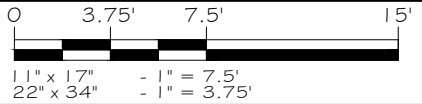
 11/16/2023
Signature: Date:

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023

PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
SITE PLAN



PROJECT NUMBER: **57084**
SHEET NUMBER: **A-1**

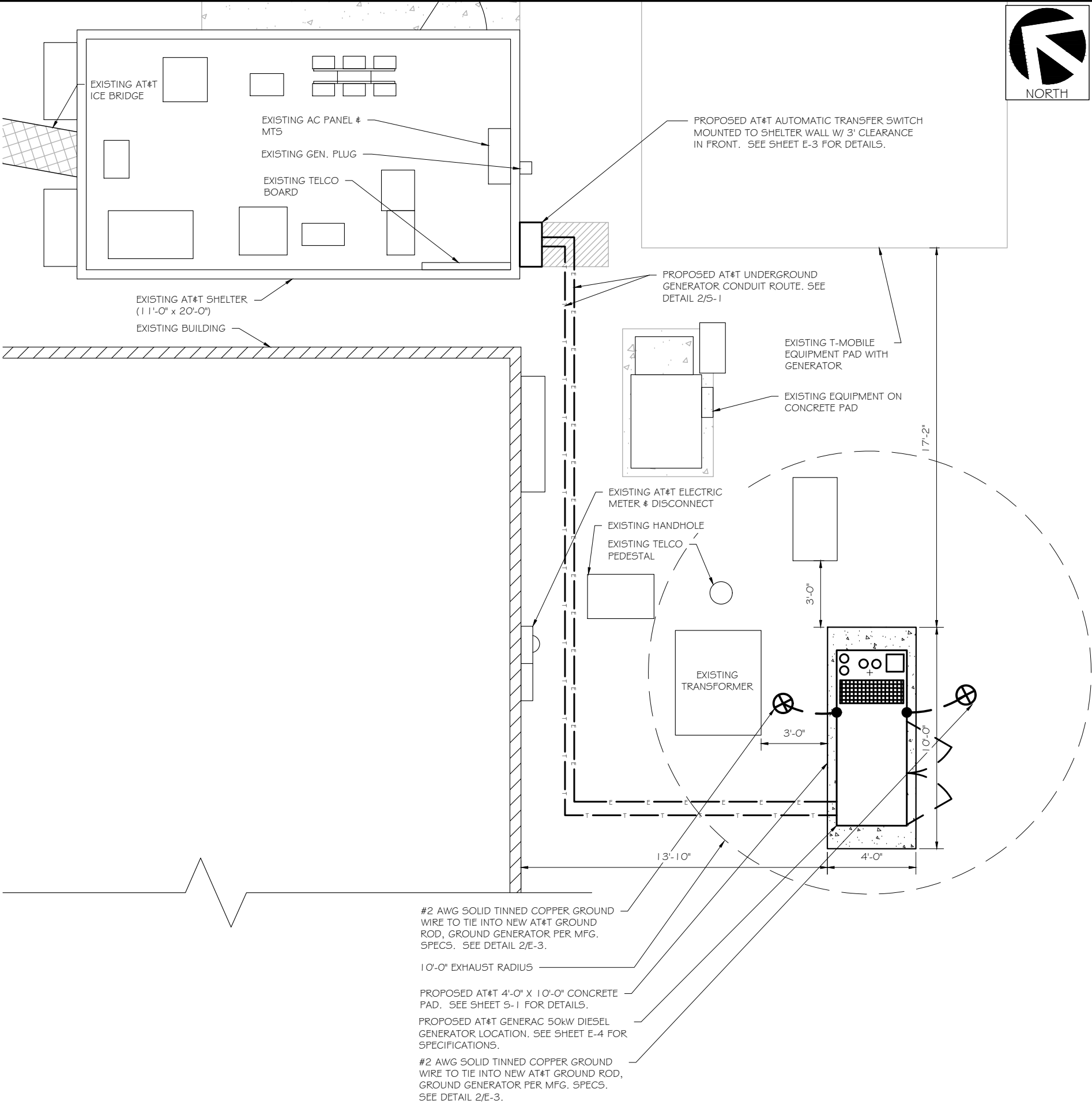
SITE PLAN
SCALE: 1" = 7.5' 1

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 & EQUIPMENT LAYOUT
SCALE: 1" = 5'


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PREPARED FOR:



CONSULTANT:
GENERAL DYNAMICS
Information Technology, Inc.

GENERAL DYNAMICS
101 STATION DR
WESTWOOD, MA 02090

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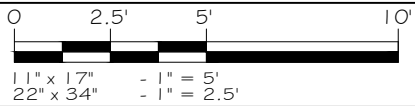

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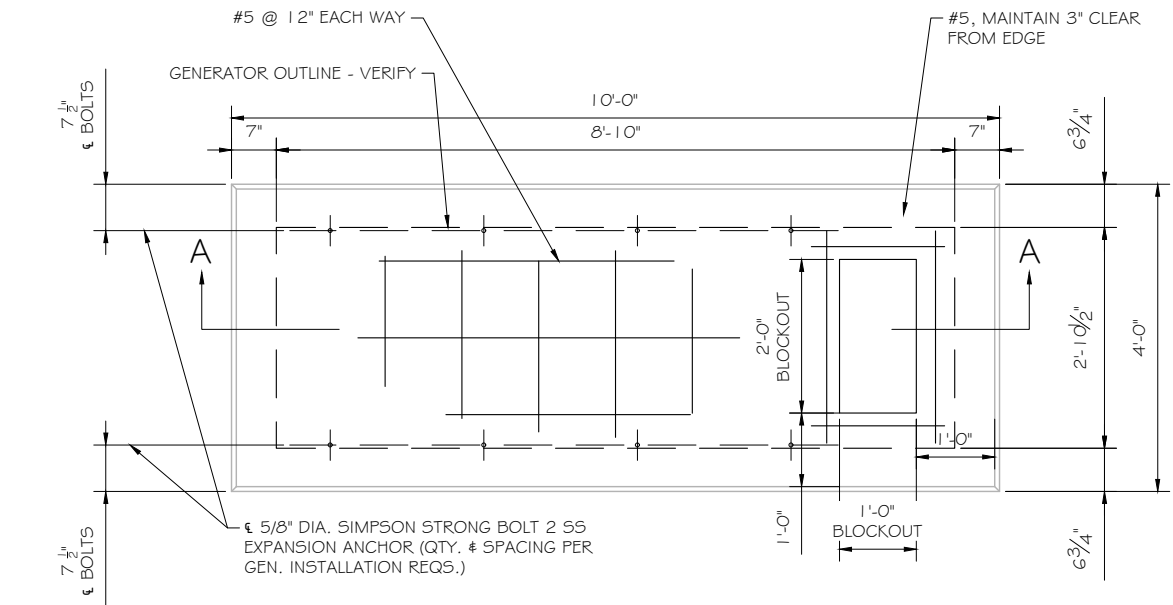
PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

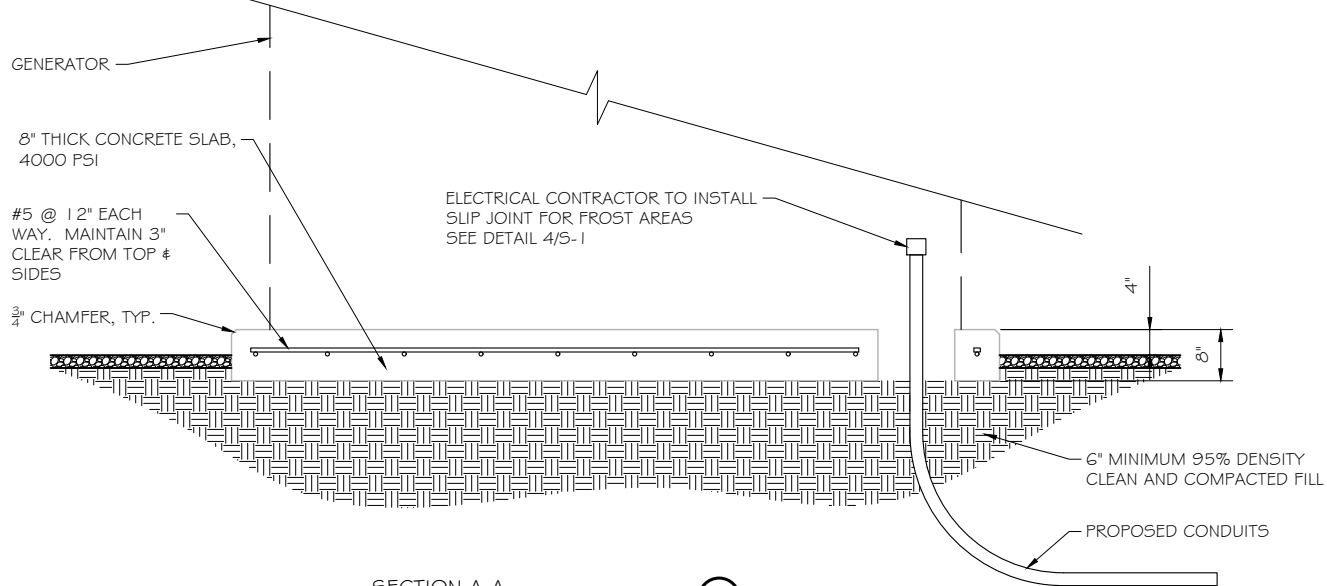
SHEET TITLE:
SITE PLAN & EQUIPMENT LAYOUT



PROJECT NUMBER	57084
SHEET NUMBER	A-2



FOUNDATION PLAN
SCALE: NTS



SECTION A-A
SCALE: NTS

DOUBLE WALL FUEL TANK BASE SPECIFICATION

REF: ATT 30KW 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

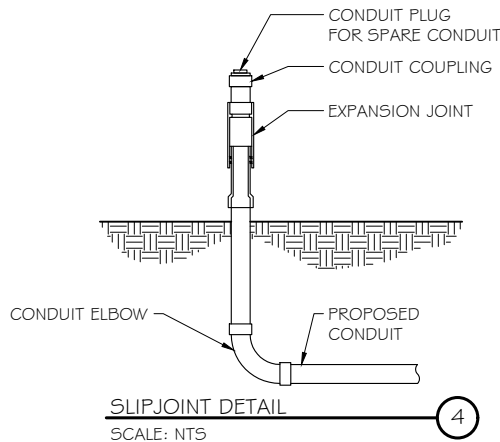
SUB BASE TANK TESTING: PRIMARY TANK & SECONDARY CONTAINMENT BASIN SECTIONS SHALL BE PRESSURIZED AT 3-5 PSI AND LEAK-CHECKED TO ENSURE INTEGRITY OF SUB BASE WELD SEAMS PER UL-142 STANDARDS

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

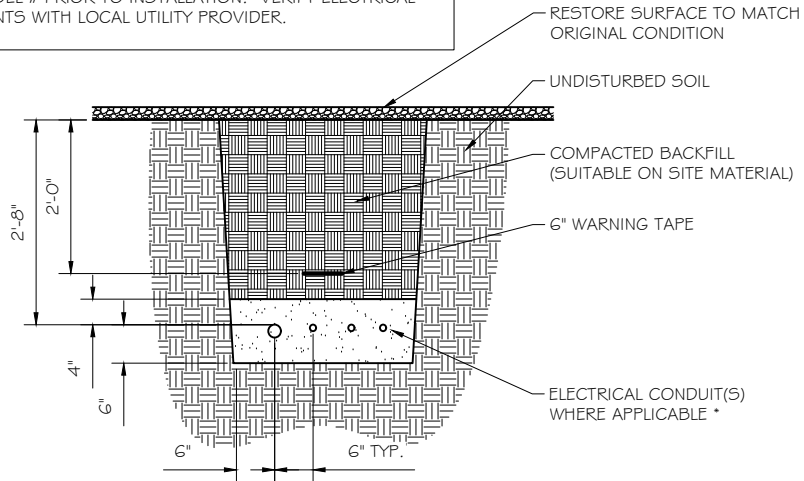
FUEL CONTAINMENT BASIN: SUB BASE TANK SHALL INCLUDE A WELDED STEEL CONTAINMENT BASIN, SIZED AT A MINIMUM OF 110% OF THE TANK CAPACITY TO PREVENT ESCAPE OF FUEL INTO THE ENVIRONMENT IN THE EVENT OF A TANK RUPTURE. A FUEL CONTAINMENT BASIN LEAK DETECTOR SWITCH SHALL BE PROVIDED.



SLIPJOINT DETAIL
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:

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

UTILITY CONDUIT TRENCH
SCALE: NTS

STRUCTURAL GENERAL NOTES

- GENERAL CONDITIONS
- 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.
- 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.
- DO NOT SCALE DRAWINGS
- VERIFY ALL EQUIPMENT MOUNTING DIMENSIONS PER MANUFACTURER DRAWINGS
- 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
- FOR DESIGN & ANALYSIS OF THE FOUNDATION, THE MINIMUM NET SOIL BEARING CAPACITY SHALL BE ASSUMED TO BE 2000 PSF.
- CONCRETE
- MEET OR EXCEED THE FOLLOWING CODES & STANDARDS:
 - DESIGN : ACI 318-11
 - CONSTRUCTION : ACI 301
 - 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)
- CONCRETE STRENGTH AT 28 DAYS SHALL BE 4000 PSI MINIMUM
- DO NOT FIELD BEND OR WELD TO GRADE 60 REINFORCED STEEL
- PROVIDE AIR ENTRAINED CONCRETE WITH AIR CONTENT OF 5 TO 7% FOR ALL CONCRETE EXPOSED TO EARTH OR WEATHER.
- MAXIMUM AGGREGATE SIZE: 3/4"
- DO NOT USE IN ADMIXTURE, WATER OR OTHER CONSTITUENTS OF CONCRETE WHICH HAS CALCIUM CHLORIDE.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS SHOWN ON PLAN.
- FOUNDATION & EXCAVATION NOTES
- SLAB SHALL BE CONSTRUCTED UPON UNDISTURBED, NATURAL SUBGRADE OR COMPACTED GRANULAR FILL WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 1800 PSF.
- 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 D 1557).
- 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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CONSULTANT:

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ISSUE PHASE	FINAL	DATE ISSUED	11/16/2023
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COVENTRY CT MAIN ST
LTE
FA ID # 10113179

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
FOUNDATION DETAILS

SCALE: NONE

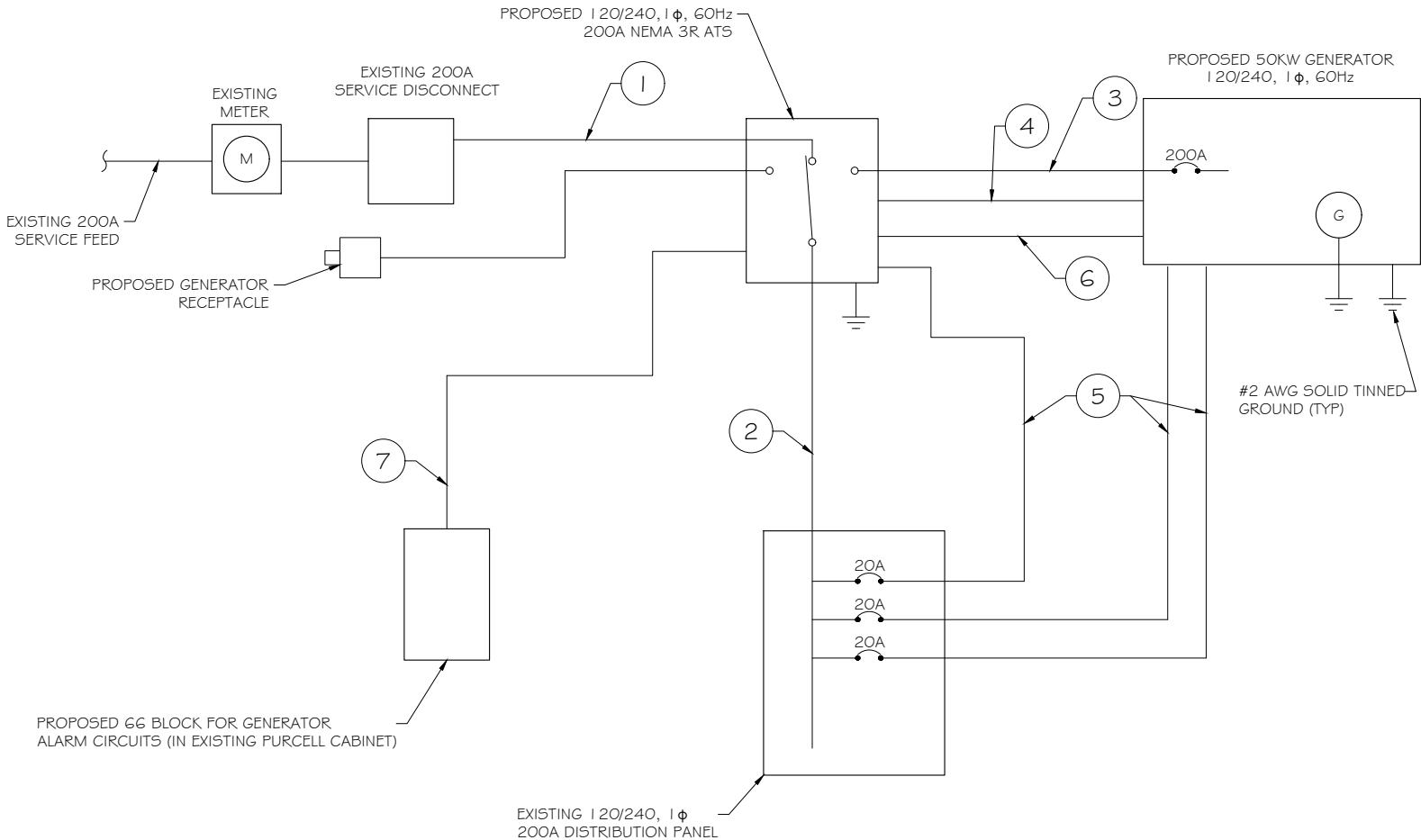
PROJECT NUMBER	57084
SHEET NUMBER	S-1

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
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
SCALE: NTS



PROPOSED WIRING DIAGRAM
SCALE: NTS



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PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
WIRING DETAILS

SCALE: NONE

PROJECT NUMBER	57084
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	50	HVAC #1	2	1P	OFF	20	SPARE
3					4	1P	ON	20	TELCO RECEPT.
5	1P	ON	20	INTERIOR LIGHTS	6	1P	ON	20	RECEPT. LEFT
7	1P	ON	20	GFCI	8				
9	1P	ON	20	EXTERIOR LIGHTS	10	2P	ON	50	HVAC #2
11	2P	ON	30	RECTIFIER #1	12	2P	ON	30	RECTIFIER #2
13					14				
15	2P	ON	30	RECTIFIER #3	16	2P	ON	30	RECTIFIER #4
17					18				
19	2P	ON	30	RECTIFIER #5	20	2P	ON	30	RECTIFIER #6
21					22				
23	2P	ON	30	RECTIFIER #7	24	2P	ON	30	RECTIFIER #8
25					26				
27	2P	ON	30	RECTIFIER #9	28	1P	ON	20	RECEPT. RIGHT
29					30	1P	OFF	20	SPARE
31	1P	OFF	20	SPARE	32	1P	ON	20	SMOKE DETECTOR
33	1P	OFF	20	SPARE	34	1P	ON	20	ATS
35				SPARE	36	1P	ON	20	BLOCK HEATER
37				SPARE	38	1P	ON	20	BATTERY CHARGER
39				SPARE	40				SPARE
41				SPARE	42				SPARE

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

EXISTING PANEL SCHEDULE

SCALE: NTS

1

Type GR

CABLE TAP TO TOP OF GROUND ROD

Type GT

THROUGH CABLE TO TOP OF GROUND ROD.

Type GY

THROUGH CABLE TO SIDE OF GROUND ROD

Type HS

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

Type TA

TEE OF HORIZONTAL RUN AND TAP CABLES.

Type VN

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

Type VS

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

Type VV

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

Type GR

CABLE TAP TO TOP OF GROUND ROD

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

CADWELD DETAILS

SCALE: NTS

3

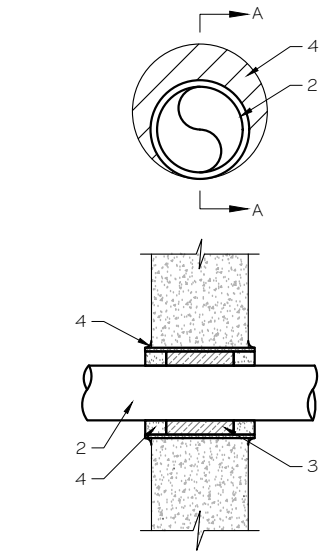
NOTE:

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

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)

SCALE: NTS

2



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 CP6015 OR CP604 SEALANT IS USED.

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

* BEARING THE UL CLASSIFICATION MARK



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PREPARED FOR:



at&t

Mobility

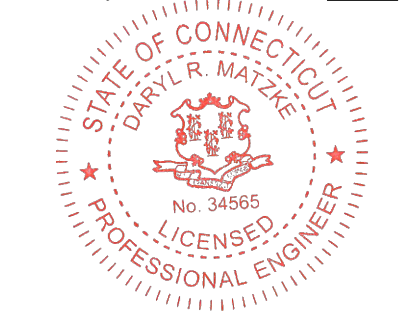
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PROJECT TITLE:
COVENTRY CT MAIN ST
LTE
FA ID # 10113179

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
PANEL AND PENETRATION
DETAILS

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	E-2

- 1

CONDUIT (TYP)
- 2

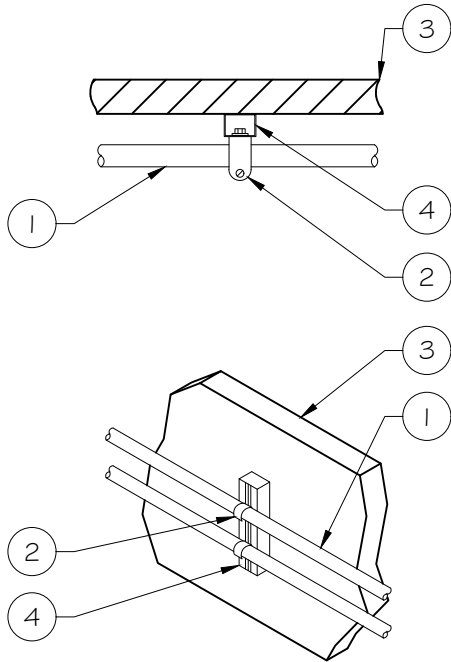
BUTTERFLY CLAMP AS REQUIRED
- 3

EXISTING WALL/CEILING
- 4

VERTICAL "UNISTRUT" P1000 "T" SERIES
LENGTH BASED ON NUMBER OF
CONDUIT TO BE MOUNTED

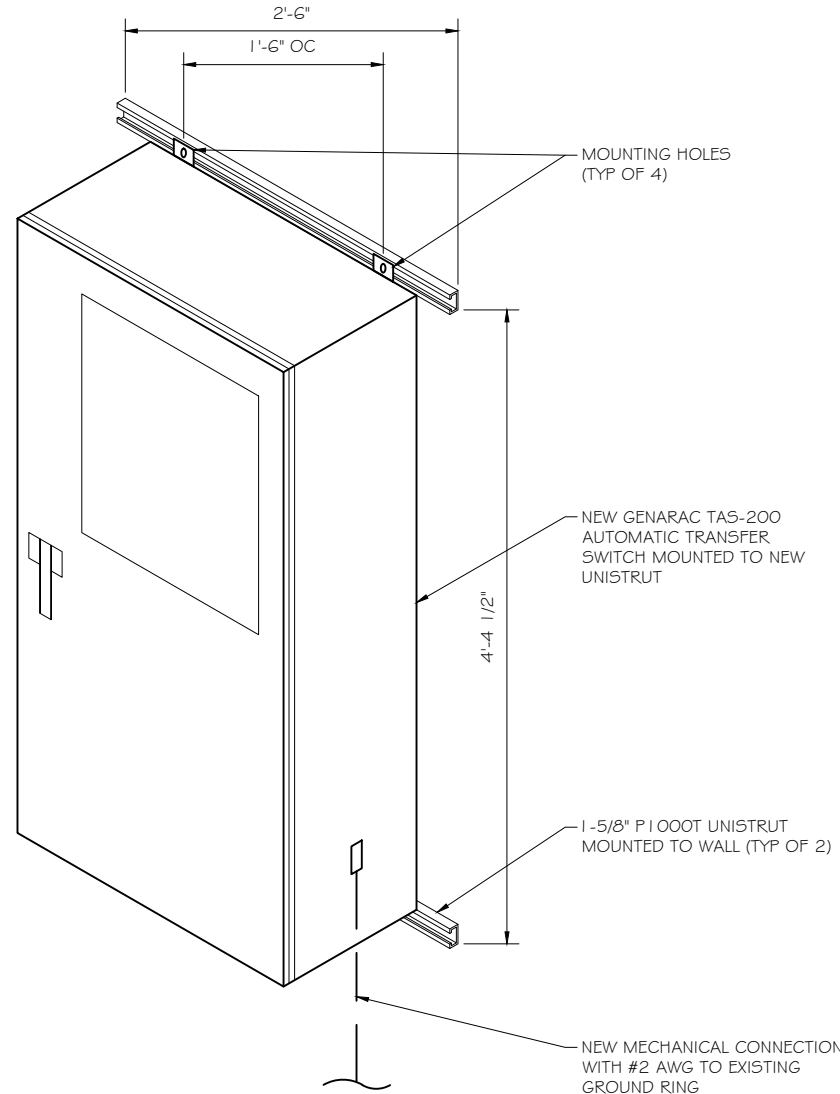
WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" DIA. TOGGLE BOLT
HOLLOW, AT STUD	3/8" DIA. LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" DIA. HILTI HY-20 WITH SCREEN, MINIMUM EMBEDMENT 2-1/2"
CONCRETE (SOLID)	3/8" DIA. HILTI HY-150 WITH SCREEN, MINIMUM EMBEDMENT 2-1/2"
NOTE: USE GALVANIZED OR STAINLESS STEEL HARDWARE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

CONDUIT WALL MOUNT
SCALE: NTS

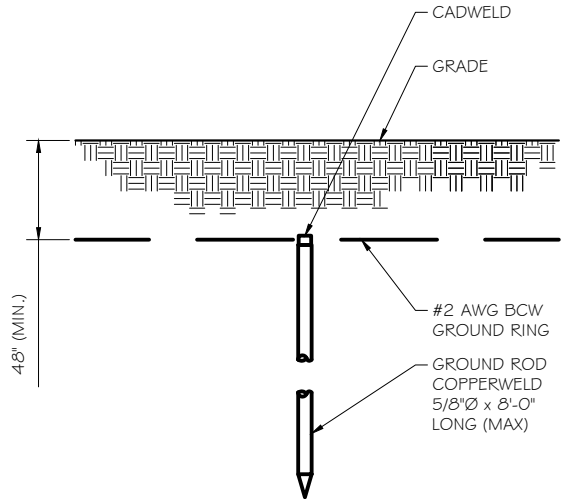


WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" DIA. TOGGLE BOLT
HOLLOW, AT STUD	3/8" DIA. LAG SCREW
CONCRETE BLOCK (HOLLOW)	7/16" DIA. HILTI HY-20 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"
CONCRETE (SOLID)	7/16" DIA. HILTI HY-150 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"

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



GENERAC ATS MOUNTING DETAIL
SCALE: NTS



GROUND ROD DETAIL
SCALE: NTS

- NOTE:
- 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-G)
 - PROVIDE (1) GROUND LEAD TO EACH SIDE OF THE GENERATOR


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PREPARED FOR:



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PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
**ATS, CONDUIT & GROUND ROD
DETAILS**

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	E-3

C:\Users\vguerrero\AppData\Local\Temp\AcPublish_1574857084_10113179_COVENTRY CT MAIN ST LITE_GENERATOR ATT CD's.dwg Printed by: rguerrero on Nov 16, 2023 - 5:04pm Copyright 2022 - Ramaker & Associates, Inc. - All Rights Reserved DRAWN BY: TRB CHECKED BY: MJR

SD050 | 4.5L | 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



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

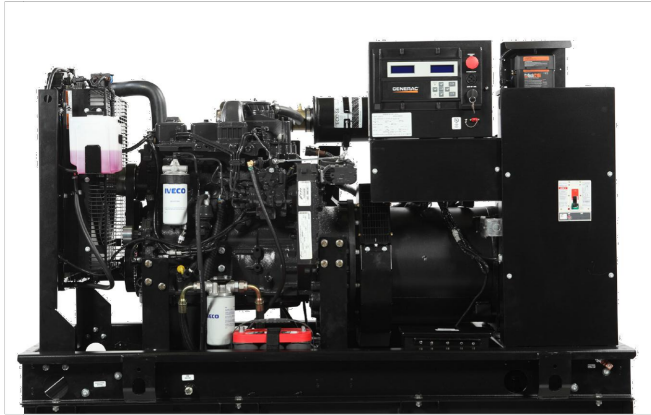


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Codes and Standards

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
		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.

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency



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

Alarms and Warnings

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

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PREPARED FOR:



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.



MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023

PROJECT TITLE:
**COVENTRY CT MAIN ST
LTE
FA ID # 10113179**

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
**GENERAC 50KW GENERATOR
SPECIFICATIONS**

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	E-4

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SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

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 Auxilliary 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

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

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%

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

SPEC SHEET

3 of 6



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PREPARED FOR:



CONSULTANT:

GENERAL DYNAMICS

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WESTWOOD, MA 02090

Certification & Seal:

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Signature: _____

Date: 11/16/2023

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ISSUE PHASE	FINAL	DATE ISSUED 11/16/2023

PROJECT TITLE:

COVENTRY CT MAIN ST

LTE

FA ID # 10113179

PROJECT INFORMATION:

138 MAIN STREET

TOLLAND, CT 06238

SHEET TITLE:

GENERAC 50KW GENERATOR

SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	E-4.1

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

* 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 (m³/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 ₂ O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

Standby
Flow at Rated Power - scfm (m³/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 (m³/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.

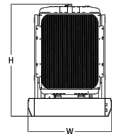
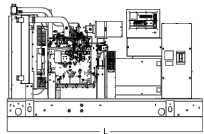
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.
Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.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



SD050 | 4.5L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET

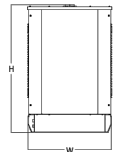
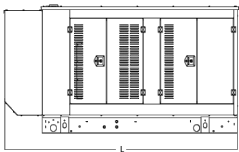
EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



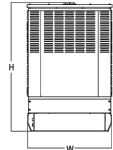
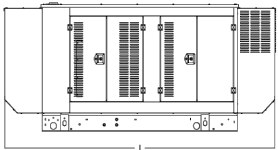
OPEN SET

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 (1,283 - 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)



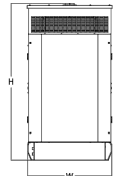
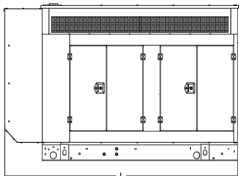
WEATHER PROTECTED ENCLOSURE

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 - 1,568) 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.

Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189
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Part No. 0191740SBY
Rev. F 04/14/2020



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PREPARED FOR:



CONSULTANT:
GENERAL DYNAMICS
Information Technology, Inc.

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WESTWOOD, MA 02090

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COVENTRY CT MAIN ST
LTE
FA ID # 10113179

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
GENERAC 50KW GENERATOR
SPECIFICATIONS

SCALE: NONE

PROJECT NUMBER: 57084
SHEET NUMBER: E-4.2

SPEC SHEET

5 of 6

GENERAC 50KW GENERATOR SPECIFICATIONS
SCALE: NTS



SPEC SHEET

6 of 6

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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:



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
Mounting Options	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

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	



employee-owned

(608) 643-4100 www.ramaker.com

PREPARED FOR:

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.

11/16/2023
Date:

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023
PROJECT TITLE:		
COVENTRY CT MAIN ST LTE FA ID # 10113179		
PROJECT INFORMATION: 138 MAIN STREET TOLLAND, CT 06238		

SHEET TITLE:

SCALE: NONE

PROJECT NUMBER	57084
SHEET NUMBER	

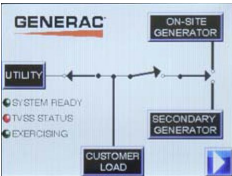
C:\Users\rguerrero\AppData\LocalTemp\AcPublish_1574857084_10113179_COVENTRY CT MAIN ST LTE_GENERATOR ATT CD's.dwg Printed by: rguerrero on Nov 16, 2023 - 5:04pm © Copyright 2022 - Ramaker & Associates, Inc. - All Rights Reserved DRAWN BY: TRB CHECKED BY: MJR

TTS Control Systems

TAS200

3 of 3

Touch Screen Interface



INDICATORS AND BUTTONS

<ul style="list-style-type: none">System Ready indicatorStandby Operating indicatorUtility Available indicatorGEN/UTIL Switch Position indicatorTVSS status	<ul style="list-style-type: none">Normal Test buttonFast Test buttonReturn to Normal buttonReset buttonExercising 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 voltageOver Voltage: 105%-125% of nominal voltagePickup (hysteresis): fixed at 5 voltsDelay time: 0-60sUtility Interrupt Delay: 0-60sReturn to Utility Timer: 1-30 minutesTransfer:<ul style="list-style-type: none">In-phase, orTime-Delay-Neutral at 0.0-10.0s in 1 second increments	<p>Exercise Settings:</p> <ul style="list-style-type: none">Time of dayDay of weekExercise:<ul style="list-style-type: none">Exercise with/without loadExercise once every 1, 2, or 4 weeks.Exercise time-of-dayExercise day of weekExercise duration: 15-30 minutes
	<p>Screen Settings:</p> <ul style="list-style-type: none">Brightness & Contrast buttonScreen Calibration buttonStartup/Clean screen
	<p>Diagnostics:</p> <ul style="list-style-type: none">Digital I/O bits statusVoltage A/D readings
<p>Engine Settings:</p> <ul style="list-style-type: none">Engine Warm-up timer: 0-20 minutesGenerator Load Accept:<ul style="list-style-type: none">Time-Delay-Neutral at 0.0-10.0s in 1 second incrementsVoltage: 85-95% of nominalFrequency: 85-95% of nominalEngine Minimum Run Timer: 5-30 minutesEngine Cooldown Timer: 0-20 minutes	<p>Mimic Diagram:</p> <ul style="list-style-type: none">System ReadyTransfer switch positionUtility availableStandby availableMaintenance/Auto switch positionGenerator source TS positionTVSS status

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



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.



Signature: [Signature] Date: 11/16/2023

MARK	DATE	DESCRIPTION
ISSUE	FINAL	DATE ISSUED 11/16/2023

PROJECT TITLE:
COVENTRY CT MAIN ST
LTE
FA ID # 10113179

PROJECT INFORMATION:
138 MAIN STREET
TOLLAND, CT 06238

SHEET TITLE:
GENERAC ATS SPECIFICATIONS

SCALE: NONE

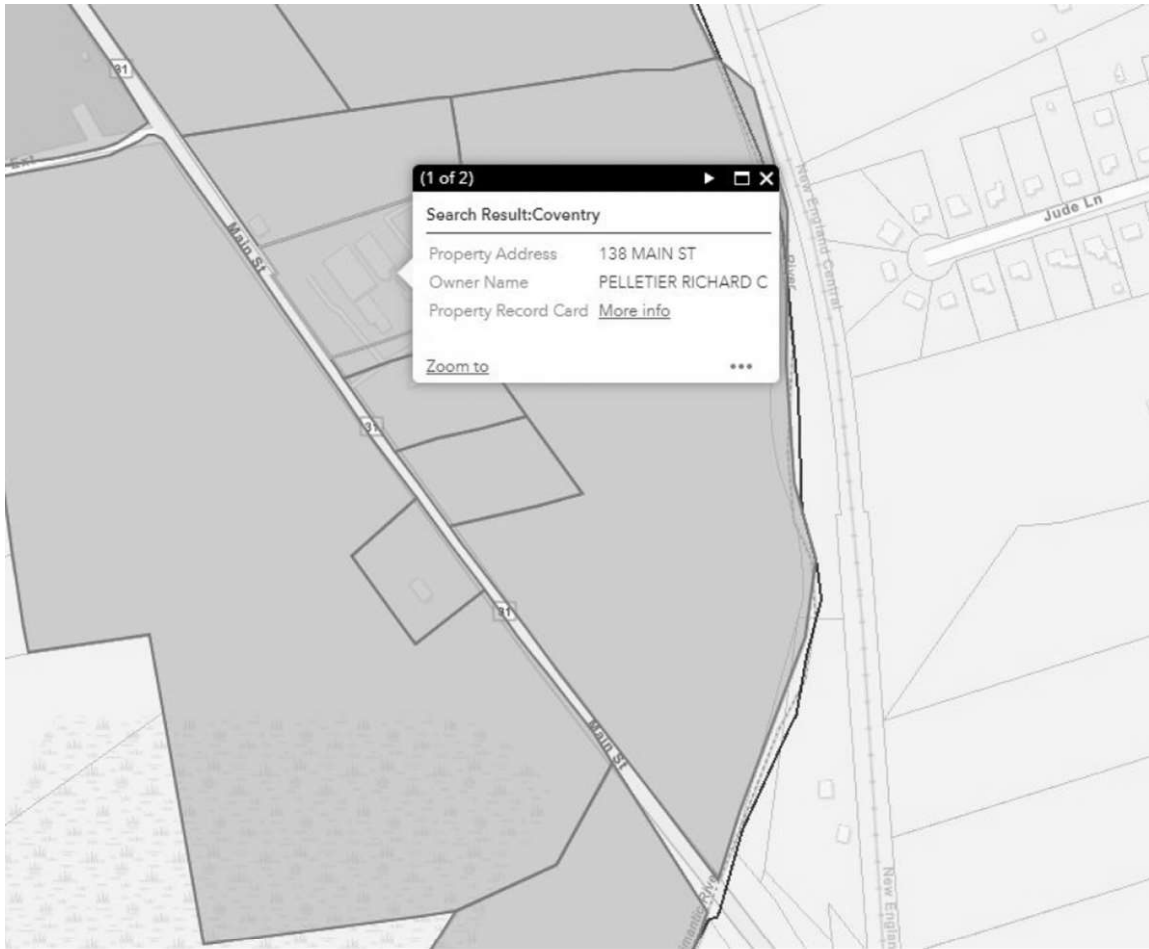
PROJECT NUMBER	57084
SHEET NUMBER	E-5.1

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ATTACHMENT 2

Exhibit C

Property Card



138 MAIN ST

Location 138 MAIN ST

Mblu 49/ / 37/ /

Acct# R04401

Owner PELLETIER RICHARD C

PBN

Assessment \$826,900

Appraisal \$1,181,000

PID 4210

Building Count 2

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$434,600	\$746,400	\$1,181,000
Assessment			
Valuation Year	Improvements	Land	Total
2019	\$304,400	\$522,500	\$826,900

Owner of Record

Owner PELLETIER RICHARD C
Co-Owner
Address 138 MAIN ST
COVENTRY, CT 06238

Sale Price \$0
Certificate
Book & Page 0167/0180
Sale Date 06/07/1976
Instrument 29

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PELLETIER RICHARD C	\$0		0167/0180	29	06/07/1976

Building Information

Building 1 : Section 1

Year Built: 1988
Living Area: 9,938
Replacement Cost: \$486,863
Building Percent Good: 70

Replacement Cost
Less Depreciation: \$340,800

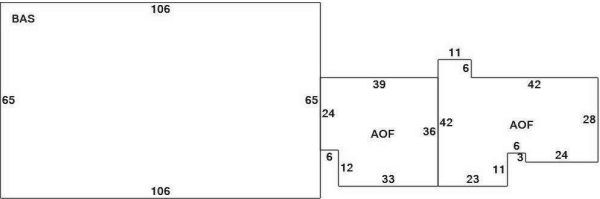
Building Attributes	
Field	Description
Style	Office/Warehs
Model	Comm/Ind
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Stucco on Mas.
Exterior Wall 2	Pre-finsh Metl
Roof Structure	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	Drywall
Interior Wall 2	Minimum
Interior Floor 1	Cement
Interior Floor 2	Asphalt Tile
Heating Fuel	Gas
Heating Type	Forced Air
AC Type	None/partial
Struct Class	
Bldg Use	Commercial Improv
Total Rooms	0
Usrflid 216	
Total Baths	
Usrflid 218	
Usrflid 219	
1st Floor Use:	201
Heat/AC	HEAT ONLY
Frame Type	MASONRY
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & MIN WL
Rooms/Prtns	AVERAGE
Wall Height	16.00
% Comn Wall	0.00
Usrflid 100	
Usrflid 302	
Usrflid 301	
Usrflid 303	
Usrflid 103	
Usrflid 107	

Building Photo



(http://images.vgsi.com/photos/CoventryCTPhotos/\A00\00\69\65.jpg)

Building Layout



(ParcelSketch.ashx?pid=4210&bid=4210)

Building Sub-Areas (sq ft)			<u>Legend</u>
Code	Description	Gross Area	Living Area
BAS	First Floor	6,890	6,890
AOF	Office, (Average)	3,048	3,048
		9,938	9,938

Usrflid 304	
Usrflid 104	
Usrflid 105	
Usrflid 101	
Usrflid 225	
Usrflid 300	
Usrflid 220	
Usrflid 221	
Usrflid 102	
Usrflid 701	
Usrflid 106	
Usrflid 305	
Usrflid 900	No
Usrflid 901	No

Building 2 : Section 1

Year Built: 1988
Living Area: 3,640
Replacement Cost: \$99,992
Building Percent Good: 56
Replacement Cost Less Depreciation: \$56,000

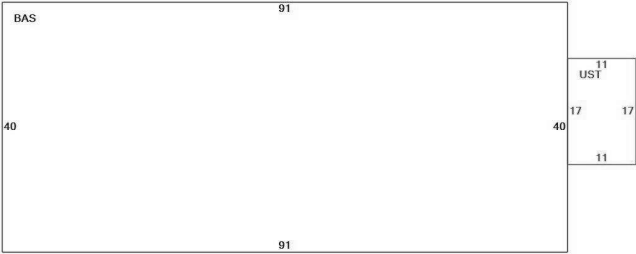
Building Attributes : Bldg 2 of 2	
Field	Description
Style	Warehouse
Model	Comm/Ind
Grade	D+
Stories:	1
Occupancy	1.00
Exterior Wall 1	Pre-finsh Metl
Exterior Wall 2	
Roof Structure	Shed
Roof Cover	Metal/Tin
Interior Wall 1	Minimum
Interior Wall 2	
Interior Floor 1	Cement
Interior Floor 2	
Heating Fuel	None
Heating Type	None
AC Type	None/partial
Struct Class	
Bldg Use	Commercial Improv

Building Photo



(<http://images.vgsi.com/photos/CoventryCTPhotos/\00\00\51\35.jpg>)

Building Layout



(ParcelSketch,ashx?pid=4210&bid=20065)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	3,640	3,640
UST	Utility, Storage, Unfinished	187	0

Total Rooms	0
Usrflid 216	
Total Baths	
Usrflid 218	
Usrflid 219	
1st Floor Use:	201
Heat/AC	HEAT ONLY
Frame Type	STEEL
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & MIN WL
Rooms/Prtns	AVERAGE
Wall Height	10.00
% Comn Wall	0.00
Usrflid 100	
Usrflid 302	
Usrflid 301	
Usrflid 303	
Usrflid 103	
Usrflid 107	
Usrflid 304	
Usrflid 104	
Usrflid 105	
Usrflid 101	
Usrflid 225	
Usrflid 300	
Usrflid 220	
Usrflid 221	
Usrflid 102	
Usrflid 701	
Usrflid 106	
Usrflid 305	
Usrflid 900	No
Usrflid 901	No

		3,827	3,640
--	--	-------	-------

Extra Features

Extra Features				<u>Legend</u>
Code	Description	Size	Value	Bldg #
A/C	Air Condition	1716.00 S.F.	\$2,400	1
MEZ1	Mezzanine-Unf	144.00 S.F.	\$800	1

Land

Land Use

Use Code

201

Description

Commercial Improv

Zone

RD

Neighborhood

C

Alt Land Appr

No

Category

Land Line Valuation

Size (Acres)

1.83

Frontage

Depth

Assessed Value

\$522,500

Appraised Value

\$746,400

Outbuildings

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
PAV1	Paving			15700.00 S.F.	\$19,800	1
SHD1	Shed			225.00 S.F.	\$2,100	1
FN9	Fence- Average			800.00 S.F.	\$2,700	1
TNK1	Elevated Tank			6000.00 GALS	\$10,000	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$392,800	\$746,400	\$1,139,200
2018	\$392,800	\$746,400	\$1,139,200
2017	\$392,800	\$746,400	\$1,139,200

Assessment			
Valuation Year	Improvements	Land	Total
2018	\$275,000	\$522,500	\$797,500
2018	\$275,000	\$522,500	\$797,500
2017	\$275,000	\$522,500	\$797,500

ORIGINAL

PETITION NO. 779

CUDDY & FEDER LLP
90 MAPLE AVENUE
WHITE PLAINS, NEW YORK 10601-5196

WILLIAM V. CUDDY
1971-2000

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THOMAS R. BEIRNE (also DC)
STEPHANIE BORTNYK (also NJ)
JOSEPH P. CARLUCCI
LUCIA CHIOCCIO (also CT)
KENNETH J. DUBROFF
ROBERT FEDER
CHRISTOPHER B. FISHER (also CT)
CINDY M. FOX (also NJ & DC)
ANTHONY B. GIOFFRE III (also CT)
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NORWALK, CONNECTICUT

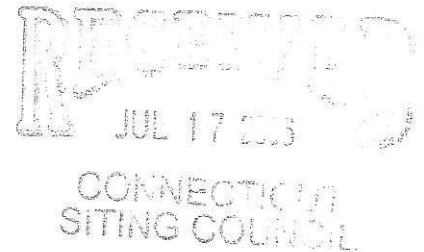
EON S. NICHOLS (also CT)
WILLIAM S. NULL
ELISABETH N. RADOW
PAMELA B. RICHARDSON (also NJ)
NEIL T. RIMSKY
RUTH E. ROTH
ANDREW P. SCHRIEVER (also MA)
JENNIFER L. VAN TUYL
CHAUNCEY L. WALKER (also CA)

Of Counsel
ANDREW A. GLICKSON (also CT)
KAREN G. GRANIK
ROBERT L. OSAR (also TX)
MARYANN M. PALERMO
ROBERT C. SCHNEIDER

July 13, 2006

Mr. S. Derek Phelps
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, Connecticut 06051

Re: Petition of Cingular
Replacement of Existing Tower
138 Main Street, Coventry, Connecticut



Dear Mr. Phelps:

Enclosed please find the petition of Cingular for a declaratory ruling with respect to the above referenced matter. I will follow up directly with Council staff next week in anticipation of the need to schedule a site visit with a Council member prior to the full Council's consideration of the Petition. Should you or your staff have any questions in the interim, please do not hesitate to contact me.

Very truly yours,

Christopher B. Fisher

Encs.

cc: John A. Elsesser, Town Manager
Eric M. Trott, Director of Planning & Development
Richard Pelletier
Michele Briggs, Cingular
Steve Levine, Cingular

CONNECTICUT SITING COUNCIL

PETITION OF NEW CINGULAR WIRELESS PCS,)	
LLC TO THE CONNECTICUT SITING COUNCIL)	PETITION NO. ____
FOR A DECLARATORY RULING THAT NO)	
CERTIFICATE OF ENVIRONMENTAL)	
COMPATIBILITY AND PUBLIC NEED)	JULY 13, 2006
IS REQUIRED TO REPLACE AN EXISTING)	
TOWER IN COVENTRY, CONNECTICUT)	

PETITION FOR DECLARATORY RULING REPLACEMENT OF AN EXISTING TOWER 138 MAIN STREET, COVENTRY, CONNECTICUT

I. Introduction

New Cingular Wireless PCS, LLC ("Cingular") hereby petitions the Connecticut Siting Council ("Council") pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies ("R.C.S.A.") for a declaratory ruling that a Certificate of Environmental Compatibility and Public Need ("Certificate") is not required under the provisions of Connecticut General Statutes ("C.G.S.") § 16-50k in order for Cingular to replace an existing lattice tower located at 138 Main Street in the Town of Coventry, Connecticut (the "Tower"). As such, Cingular respectfully requests a declaratory ruling that its modifications to the Tower and related site improvements do not require a Certificate and full docket review by the Council.

II. Existing Facility

The subject property fronts on Main Street (State Route 31) and is classified in the Town's LI (Light Industrial) zoning district at the southernmost portion of Coventry. The property supports several buildings that are used in conjunction with the owner's construction business. The existing tower facility installation consists of a 92.8' lattice Tower with antennas extending to 102' and other equipment at grade. (Coordinates of the existing Tower are (NAD

83) N 41° 45' 07" and W 72° 16' 06"). The property owner currently uses the existing Tower for communications in its business. The Coventry Planning and Zoning Commission recently re-approved a Special Permit to validate the existing Tower at its existing height (apparently there was some question regarding the approved height dating back to the 1970's and the current height of the existing Tower). See Town of Coventry Planner's Letter dated June 13, 2006 annexed hereto as Exhibit A.

III. Proposed Cingular Modifications

The existing Tower does not have the structural capacity to support Cingular's proposed antennas. See structural letter from URS Corporation annexed hereto as Exhibit B. As shown on the plans enclosed in Exhibit C, including a site plan and elevation, Cingular proposes to replace the existing 92.8' lattice Tower with a 93' monopole and relocate it approximately 12'± from the existing Tower. Cingular will install six panel antennas at 90' AGL and relocate the property owner's existing antenna onto the replacement Tower at the same height it now occupies. An existing construction trailer will be relocated by the property owner in order to accommodate Cingular's 11.5' x 20' equipment shelter. The design of the replacement Tower will allow for co-location by other competing wireless carriers.

IV. Municipal Interest in Future Shared Use of the Replacement Tower

Representatives of Cingular attended the Town of Coventry Planning & Zoning Commission meeting in June of 2006 at which the property owner's application to reissue a special permit for the facility was approved. At that time, Cingular advised the Commission of its intent to replace the lattice Tower with a monopole and seek Council approval for same. The Town acknowledged same and requested that space be reserved at the top of the replacement Tower for future use by the Town's emergency communications purposes. As such, the enclosed

plans show the potential for an additional whip antenna to be installed at the top of the replacement Tower by the Town, though no current use is proposed by the Town.

**V. The Proposed Modifications Will Not Have
 A Substantial Adverse Environmental Effect**

The proposed modifications involve replacement of an existing lattice Tower with a monopole in kind which will not cause a substantial adverse environmental impact. The replacement Tower with appurtenances will be the same height as the existing Tower, including appurtenances. Photosimulations and existing site condition photographs are included in Exhibit D and demonstrate the lack of any overall change in areas of visibility.

Moreover, the proposed relocation of the replacement Tower approximately 12'± from the site of the existing tower and construction of the equipment shelter will have a de minimus effect on the surrounding area which is already disturbed and supports a construction business. The limits of disturbance of all construction activities will be confined to the minimum extent possible with erosion and sediment control measures installed in accordance with the "Connecticut Guidelines for Soil Erosion and Sediment Control" (Revised 1988) and amendments, as published by the Connecticut Council on Soil and Water Conservation.

Current access to the site is sufficient for Cingular's required service visits and no new access driveway is proposed. No clearing or grading will be required. In addition, the color and texture of the new equipment shelter will be designed to match the existing buildings on site. We note also that neither the existing Tower nor the replacement Tower requires FAA registration, lighting or marking. See TOWAIR results in Exhibit E.

The operation of Cingular's antennas will not increase the total radio frequency electromagnetic power density at the site to a level at or above the applicable standards. As set

forth in a Power Density Report prepared by Cingular, annexed hereto as Exhibit F, the total radio frequency electromagnetic radiation power density at ground level beside the Tower will not be increased to or above the standard adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and the MPE limits established by the Federal Communications Commission.

VI. Public Need

Annexed hereto in Exhibit G are coverage plots prepared by Cingular's radiofrequency engineers which demonstrate the need for this replacement Tower facility to provide service along State Route 31 between Route 6 and the village center area of Coventry.

VII. Conclusion

Cingular will not need to construct an entirely new telecommunications tower facility to provide coverage in this area of Coventry if the Council approves the replacement Tower facility. The proposed replacement Tower and other modifications are consistent with legislative findings outlined in Section 16-50g and 16-50aa of the General Statutes of Connecticut that seek to avoid the unnecessary proliferation of towers in the State.

For all the foregoing reasons, Cingular petitions the Council for a determination that the proposed replacement Tower and other improvements do not require a Certificate of Environmental Compatibility and Public Need and that the Council issue an order approving same.

Respectfully Submitted,

A handwritten signature in dark ink, appearing to read 'C. Fisher', with a long horizontal flourish extending to the right.

Christopher B. Fisher

On behalf of New Cingular Wireless PCS, LLC

cc: John A. Elsesser, Town Manager
Eric M. Trott, Director of Planning & Development
Richard Pelletier
Michele Briggs, Cingular
Steve Levine, Cingular

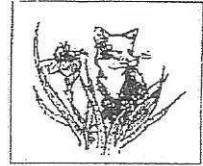


Town of Coventry

Land Use Office

1712 Main Street • Coventry, CT 06238

Planning • Zoning • Wetlands • Economic Development • Conservation
Phone: 860 742-4062 Fax: 860 742-8911 Web: coventryct.org



CERTIFIED MAIL # 7002 1940 0004 5210 6866

June 13, 2006

Richard Pelletier
138 Main Street
Coventry CT 06238

Dear Mr. Pelletier:

At its regular meeting on June 12, 2006, the Coventry Planning and Zoning Commission made the following decision:

Approved the special permit application 06-09S of Richard Pelletier to validate an existing radio tower on property located at 138 Main Street (Assessor's Map 29, Block 55, Lot 18-5); LI Zone.

Reason for decision: The application complies with the applicable criteria.

The Commission also approved the waiver for filing the Mylar per Section 4.3.c.7.

Please see the attached information regarding the filing of the 8-3d form of approval with the Town Clerk's office.

Sincerely,

Eric M. Trott
Director of Planning and Development

EMT/lpe

ATTACHMENT 3

ORIGIN ID:GAMA (301) 266-0258
CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET
ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 17NOV23
ACTWGT: 1.00 LB
CAD: 105486753/INET4535

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TOWN OF COVENTRY, ZEO
1712 MAIN STREET

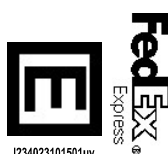
COVENTRY CT 06238

REF: (800) 742-4062

INV:

PO:

DEPT:

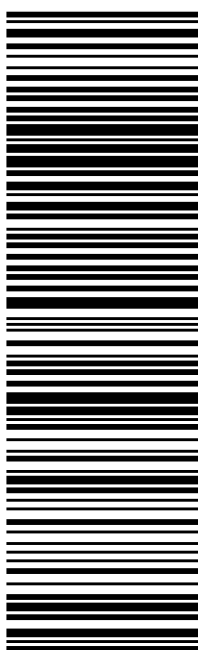


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020T

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PRIORITY OVERNIGHT

XS GONA
06238
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CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET
ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 17NOV23
ACTWGT: 1.00 LB
CAD: 105486753/INET4535

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TO **LISA THOMAS**
TOWN OF COVENTRY, TOWN COUNCIL
1712 MAIN STREET

COVENTRY CT 06238

REF: (800) 742-6324

INV:

PO:

DEPT:



J234023101501uv

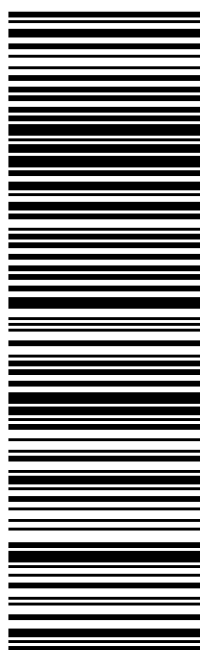
TRK# 7741 5006 6686
020T

MON - 20 NOV 12:00P
PRIORITY OVERNIGHT

XS GONA

06238

CT-US BDL



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

SHIP DATE: 17NOV23
ACTWGT: 1.00 LB
CAD: 105486753/INET4535

BILL SENDER

TO **JAMES DRUM**

TOWN OF COVENTRY, TOWN MANAGER
1712 MAIN STREET

COVENTRY CT 06238

REF: (860) 742-6324

INV:

PO:

DEPT:



J234023101501uv

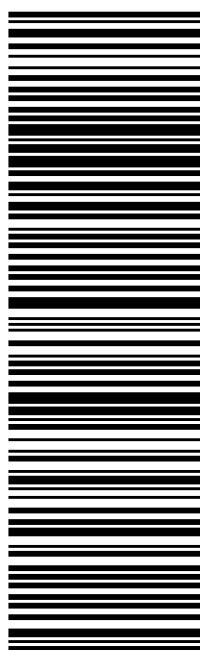
TRK# 7741 5004 5232
020T

MON - 20 NOV 12:00P
PRIORITY OVERNIGHT

XS GONA

06238

CT-US BDL



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CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

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2. Place label in shipping pouch and affix it to your shipment.

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ORIGIN ID:GAMA (301) 266-0258

CATHERINE CONKLIN
GENERAL DYNAMICS
4603 KEMPER STREET

ROCKVILLE, MD 20853
UNITED STATES US

SHIP DATE: 17NOV23

ACTWGT: 1.00 LB
CAD: 105486753/INET4535

BILL SENDER

TO **RICHARD PELLETIER**

PROPERTY/TOWER OWNER
138 MAIN STREET

COVENTRY CT 06238

REF: (860) 742-5317

INV:

DEPT:



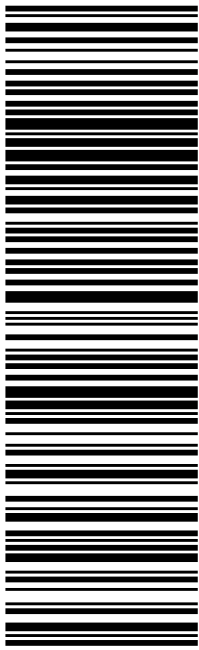
J234023101501uv

TRK# 7741 5074 5952

MON - 20 NOV 12:00P
PRIORITY OVERNIGHT

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