



February 24, 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
100 Reef Road, Fairfield, CT 06824
Lat.: 41.13969190; Long.: -073.25779890

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 100 Reef Road in the Town of Fairfield, Connecticut. The underlying property is owned by the Town of Fairfield and the tower structure is owned by Crown Castle. AT&T submits this letter and enclosures to the Connecticut Siting Council (“Council”) to notify the Council of AT&T’s intent to perform modifications to the existing facility that do not have substantial adverse environmental effects and thus do not require a certificate pursuant to Section 16-50k of the Connecticut General Statutes.

AT&T intends to utilize existing generator, ATS and Routing, run conduit from existing power panel to ATS 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.

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.



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 Town of Fairfield First Selectwoman Brenda L. Kupchick and the Town of Fairfield Planning Director, Jim Wendt, Town of Fairfield Zoning Enforcement Officer, Matt Decker, as well as the property owner and structure owner identified 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, Ste. 100
Norristown, Pa 19403
(202) 568-0437 phone
catherine.conklin@gdit.com

GENERAL DYNAMICS
Information Technology

cc:

Ms. Brenda L. Kupchick, Town of Fairfield, First Selectwoman
Sullivan Independence Hall
725 Old Post Road, 2nd Floor
Fairfield, CT 06824

Jim Wendt, Planning Director
725 Old Post Road
Fairfield, CT 06824
203-256-3050

Matt Decker, Zoning Enforcement Officer
725 Old Post Road
Fairfield, CT 06824
203-256-3050

ATTACHMENT 1

SITE NAME: FAIRFIELD

FA CODE: 10108711

100 REEF ROAD
 FAIRFIELD, CT 06824
 FAIRFIELD COUNTY



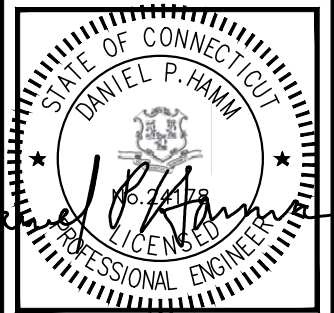
500 ENTERPRISE DRIVE, SUITE 3A
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GENERAL DYNAMICS
 3150 FAIRVIEW PARK DRIVE
 FALLS CHURCH, VA 22042



45 BEECHWOOD DRIVE TEL: (978) 557-5553
 N. ANDOVER, MA 01845 FAX: (978) 336-5886



CHECKED BY: SG

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	12/19/22	ISSUED FOR CONSTRUCTION	SG
B	11/07/22	ISSUED FOR REVIEW	JS
A	3/22/22	ISSUED FOR REVIEW	MB
0	01/17/22	ISSUED FOR REVIEW	ASK

SITE NAME:
 FAIRFIELD

SITE ADDRESS:
 100 REEF ROAD
 FAIRFIELD, CT 06824
 FAIRFIELD COUNTY

SHEET TITLE

TITLE SHEET
 (GENERATOR PROJECT)

SHEET NUMBER

T-1

GENERAL NOTES

THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF AT&T. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.

THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE AT&T NORTHEAST, LLC REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPLICABLE BUILDING CODE AND 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.

- BUILDING CODE: IBC 2012 WITH 2018 CT STATE BUILDING CODE AMENDMENTS.
- ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE (NFPA 70-2017).
- AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARDS FOR STEEL.
- TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS.



PROJECT SUMMARY

APPLICANT: AT&T
 550 COCHITUATE ROAD
 FRAMINGHAM, MA 01701

MARKET LEAD: BRIAN SILBERT
 GENERAL DYNAMICS
 WIRELESS SERVICES
 2586 INDUSTRY LN., STE. 100
 NORRISTOWN, PA 19403
 EMAIL: BRIAN.SILBERT@GDIT.COM

SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS FACILITY AT&T EQUIPMENT INSTALLATION

ZONING JURISDICTION: BASED ON INFORMATION PROVIDED BY AT&T, THIS TELECOMMUNICATIONS EQUIPMENT DEPLOYMENT IS AN ELIGIBLE FACILITY UNDER THE TAX RELIEF ACT OF 2012, 47 USC 1455(A), AND IS SUBJECT TO AN EXPEDITED ELIGIBLE FACILITIES REQUEST/REVIEW AND ZONING PRE-EMPTION FOR LOCAL DISCRETIONARY PERMITS (VARIANCE, SPECIAL PERMIT, SITE PLAN REVIEW).

SITE ADDRESS: 100 REEF ROAD
 FAIRFIELD, CT 06824

LATITUDE: 41° 08' 22.50" N

LONGITUDE: 73° 15' 26.50" W

JURISDICTION: CITY OF FAIRFIELD

EXISTING USE: TELECOMMUNICATIONS FACILITY

PROPOSED USE: TELECOMMUNICATIONS FACILITY

APPROVALS

PROJECT MANAGER	DATE
CONSTRUCTION	DATE
RF ENGINEERING	DATE
ZONING / SITE ACQ.	DATE
OPERATIONS	DATE
TOWER OWNER	DATE

72 HOURS



CALL
 BEFORE YOU DIG
 CALL TOLL FREE 1-888-DIG-SAFE
 OR CALL 811



UNDERGROUND SERVICE ALERT

DRAWING INDEX

SHEET NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	1
GN-1	GENERAL NOTES	1
A-1	BUILDING & EQUIPMENT PLANS	1
E-1	GENERATOR ONE-LINE DIAGRAM	1

GROUNDING NOTES

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
3. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
4. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
5. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
6. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
7. METAL CONDUIT SHALL BE MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
8. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HAVING 20 FT. OR MORE OF 1/2 IN. OR GREATER ELECTRICALLY CONDUCTIVE REINFORCING STEEL MUST HAVE IT BONDED TO THE GROUND RING USING AN EXOTHERMIC WELD CONNECTION USING #2 AWG SOLID BARE TINNED COPPER GROUND WIRE, PER NEC 250.50

GENERAL NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
 CONTRACTOR – GENERAL DYNAMICS INFORMATION TECHNOLOGY
 SUBCONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)
 OWNER – AT&T
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.
9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
10. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
11. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
13. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.

14. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
15. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF AT&T SITES."
17. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
18. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
19. APPLICABLE BUILDING CODES:
 SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
 BUILDING CODE: IBC 2021 WITH 2022 CT STATE BUILDING CODE AMENDMENTS
 ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE (NFPA 70-2020)
 LIGHTNING CODE: REFER TO ELECTRICAL DRAWINGS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

MANUAL OF STEEL CONSTRUCTION, ASD, FOURTEENTH EDITION;

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARDS FOR STEEL

EQUIPMENT AND ANTENNA SUPPORTING STRUCTURES; REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC ELECTRICAL STANDARDS.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS					
AGL	ABOVE GRADE LEVEL	EQ	EQUAL	REQ	REQUIRED
AWG	AMERICAN WIRE GAUGE	GC	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
BBU	BATTERY BACKUP UNIT	GRC	GALVANIZED RIGID CONDUIT	TBD	TO BE DETERMINED
BTCW	BARE TINNED SOLID COPPER WIRE	MGB	MASTER GROUND BAR	TBR	TO BE REMOVED
BGR	BURIED GROUND RING	MIN	MINIMUM	TBRR	TO BE REMOVED AND REPLACED
BTS	BASE TRANSCEIVER STATION	P	PROPOSED	TYP	TYPICAL
E	EXISTING	NTS	NOT TO SCALE	UG	UNDER GROUND
EGB	EQUIPMENT GROUND BAR	RAD	RADIATION CENTER LINE (ANTENNA)	VIF	VERIFY IN FIELD
EGR	EQUIPMENT GROUND RING	REF	REFERENCE		



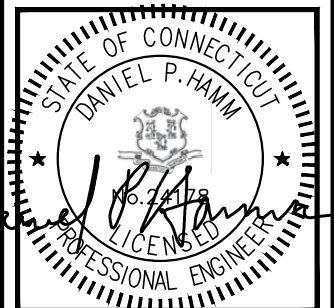
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067



GENERAL DYNAMICS
3150 FAIRVIEW PARK DRIVE
FALLS CHURCH, VA 22042



45 BEECHWOOD DRIVE TEL: (978) 557-5553
N. ANDOVER, MA 01845 FAX: (978) 336-5586



CHECKED BY: SG

APPROVED BY: DPH

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SITE NAME:
FAIRFIELD

SITE ADDRESS:
100 REEF ROAD
FAIRFIELD, CT 06824
FAIRFIELD COUNTY

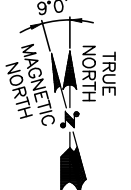
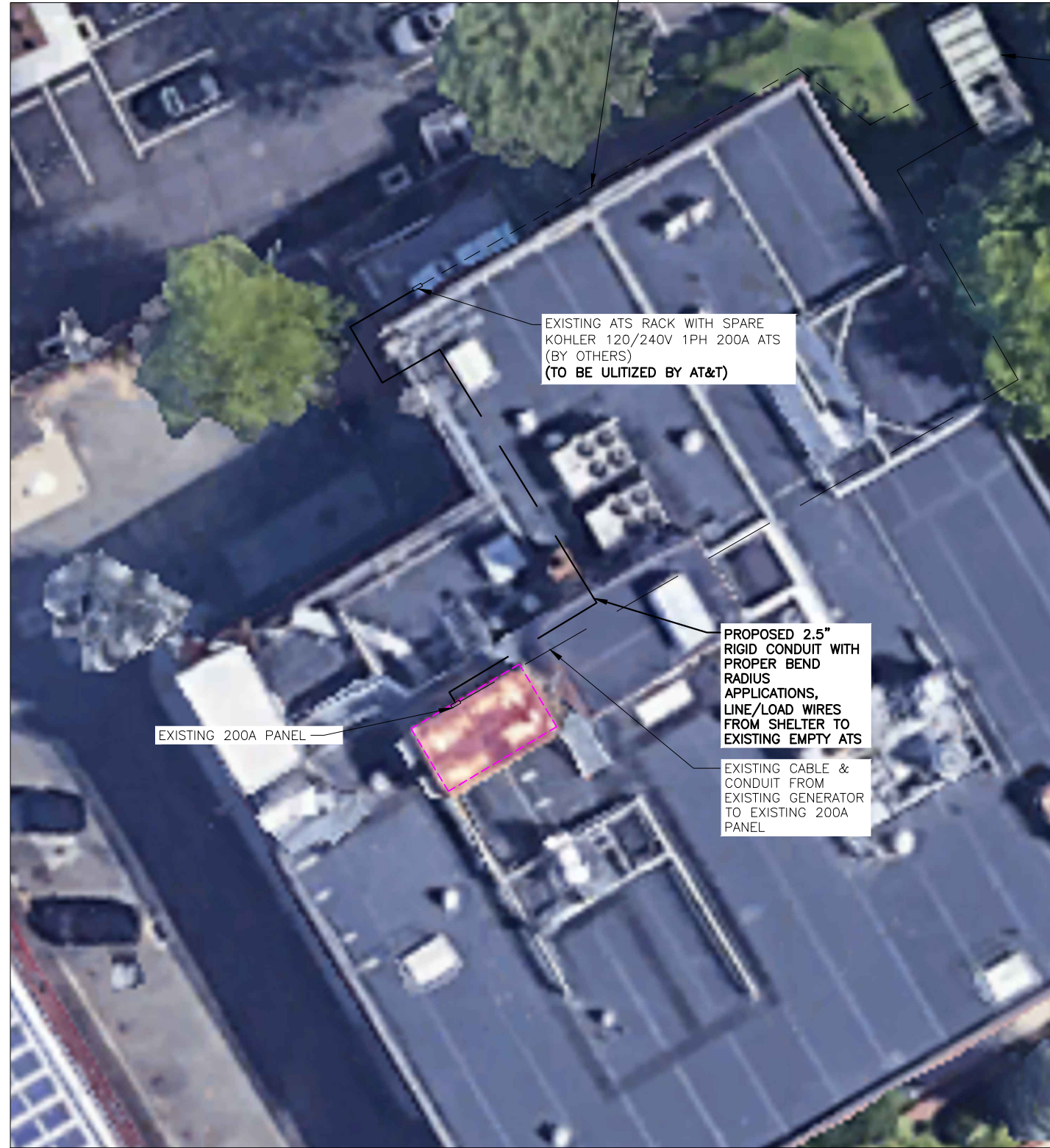
SHEET TITLE

GENERAL NOTES

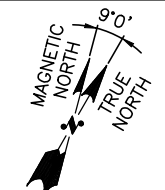
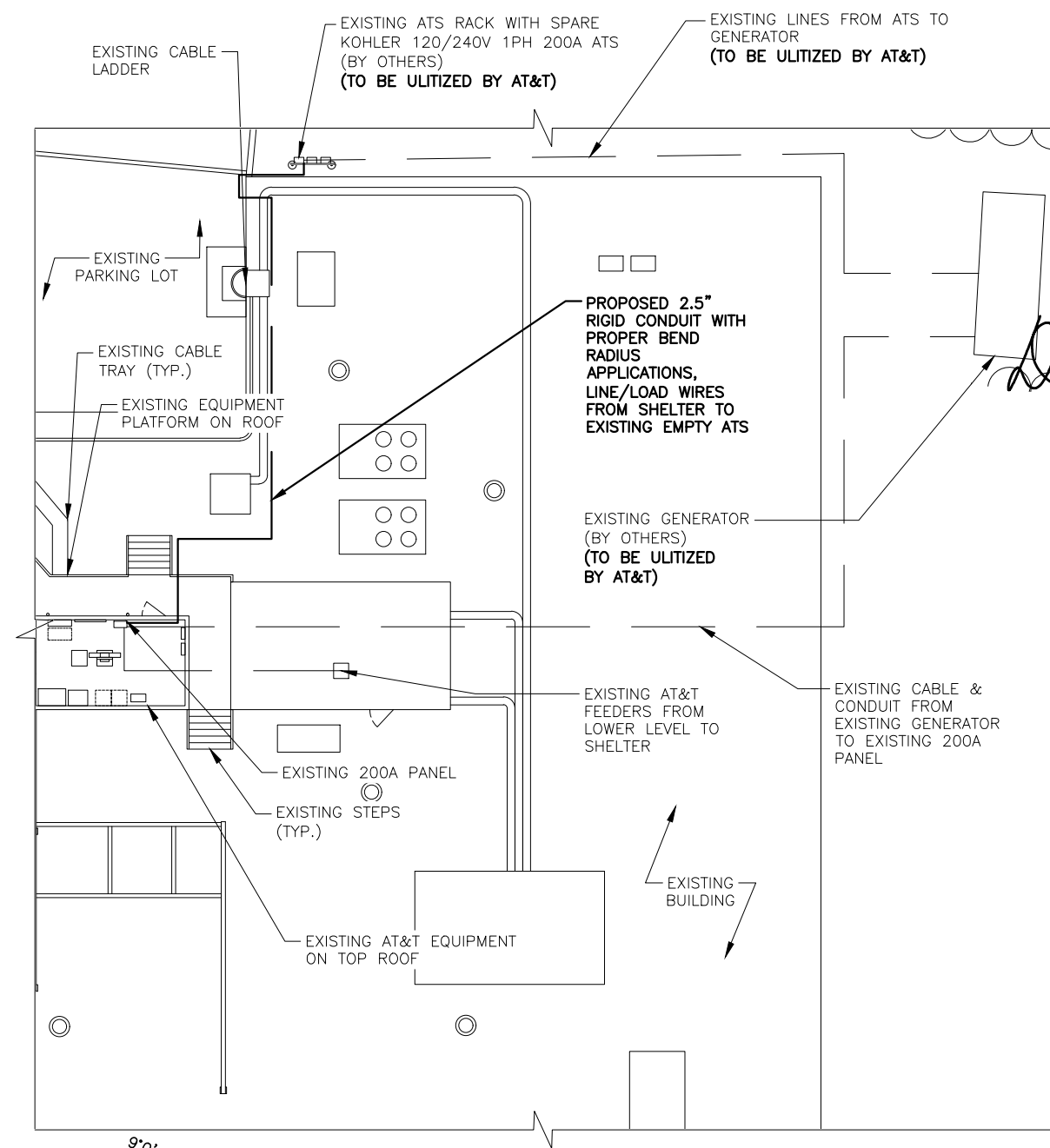
(GENERATOR PROJECT)

SHEET NUMBER

GN-1



BUILDING PLAN
 22x34 SCALE: 3/32"=1'-0"
 11x17 SCALE: 3/64"=1'-0"
 1 A-1



PROPOSED EQUIPMENT PLAN
 22x34 SCALE: 3/32"=1'-0"
 11x17 SCALE: 3/64"=1'-0"
 2 A-1

SCOPE OF WORK DETAILS

- GENERAL:
- UTILIZE EXISTING GENERATOR, ATS AND ROUTING.
 - RUN CONDUIT FROM EXISTING POWER PANEL TO ATS.



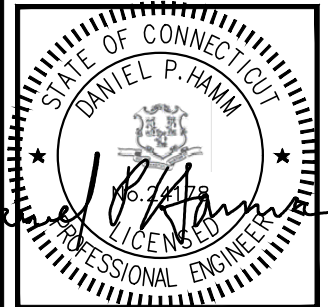
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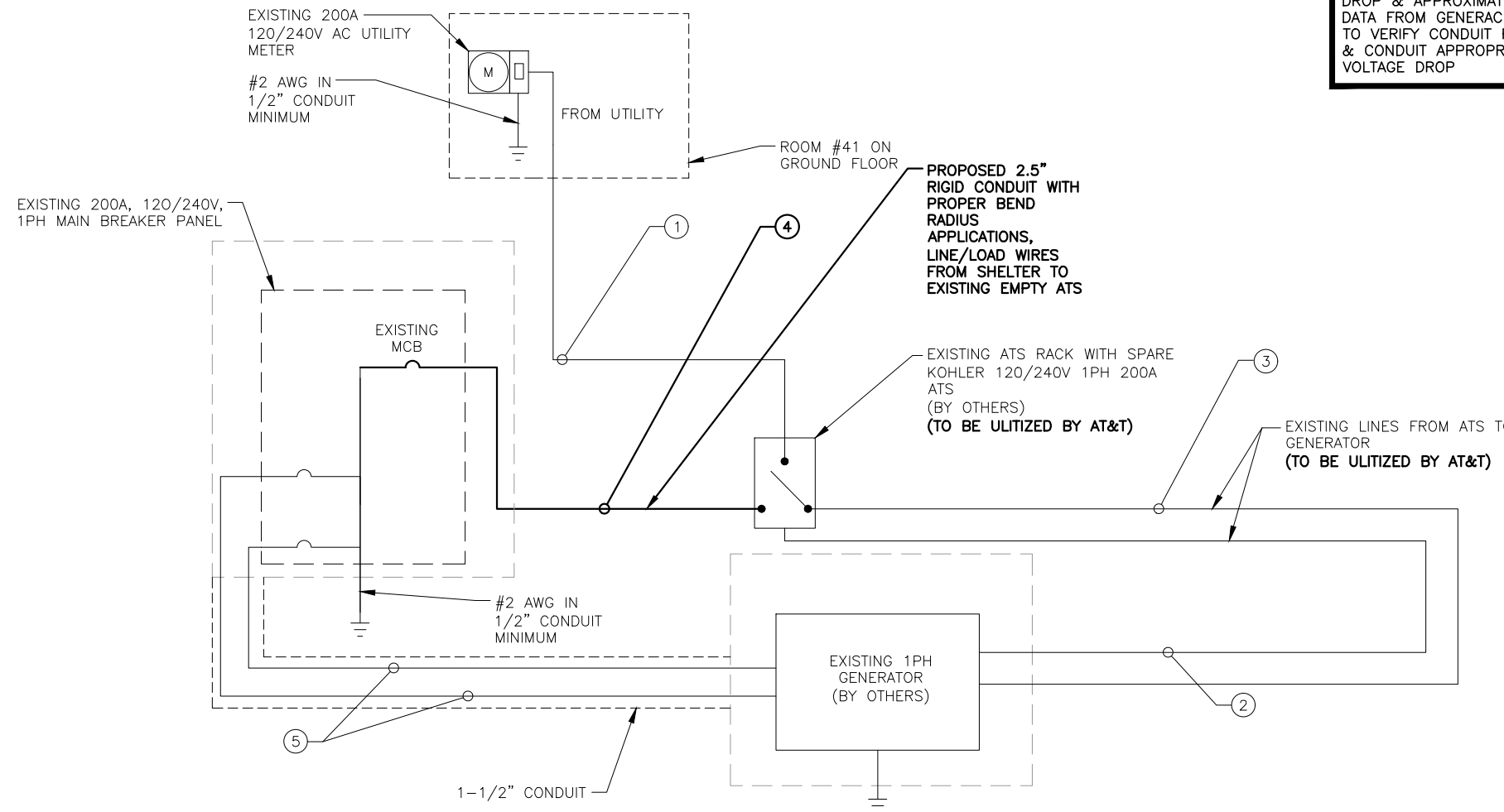
SHEET TITLE
 BUILDING &
 EQUIPMENT PLANS
 (GENERATOR PROJECT)

SHEET NUMBER
A-1

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.
3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.
4. CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
5. ELECTRICAL AND TELCO WIRING EXPOSED TO WEATHER SHALL BE IN WATER TIGHT GALVANIZED RIGID STEEL CONDUITS OR SCHEDULE 80 PVC (AS PERMITTED BY CODE) AND WHERE REQUIRED IN LIQUID TIGHT FLEXIBLE METAL OR NONMETALLIC CONDUITS.
6. RIGID STEEL CONDUITS SHALL BE GROUNDED AT BOTH ENDS.
7. ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW OR THHN INSULATION.
8. RUN ELECTRICAL CONDUIT AND CABLE BETWEEN ELECTRICAL METER BANK AND PROPOSED CELL SITE POWER PEDESTAL AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE. COORDINATE INSTALLATION WITH UTILITY COMPANY.
9. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.

NOTE:
CABLE & CONDUIT SIZES BASED ON VOLTAGE DROP & APPROXIMATE CONDUIT RUN SIZES VIA DATA FROM GENERAC DYNAMICS. CONTRACTOR TO VERIFY CONDUIT RUN LENGTH & SIZE CABLE & CONDUIT APPROPRIATELY FOR UNDER 3% VOLTAGE DROP



GENERATOR ONE LINE DIAGRAM
SCALE: N.T.S.

LEGEND

- A AMPERE
- V VOLT
- KWH KILOWATT - HOUR
- C CONDUIT
- GRC GALVANIZED RIGID CONDUIT
- BGR BURIED GROUND RING
- BTCW BARE TINNED SOLID COPPER WIRE
- GND GROUND
- ⊕ GROUND
- GFI GROUND FAULT INTERRUPTER
- H.P HORSE POWER

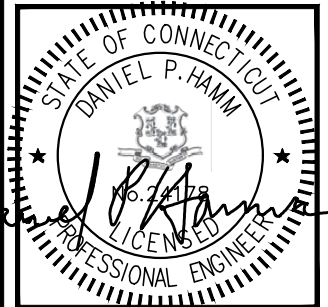
- MGB MASTER GROUND BAR
- MECHANICAL CONNECTION
- CADWELD CONNECTION
- EGB EQUIPMENT GROUND BAR
- G— GROUND COPPER WIRE, SIZE AS NOTED
- EXPOSED WIRING
- #6G AWG INSULATED STRANDED
- ⊙ COAXIAL CABLE/HYBRID CABLE
- 5/8"x8" COPPER CLAD STAINLESS STEEL GROUND ROD
- ⊛ GROUND ROD WITH TEST WELL
- EXOTHERMIC (CAD WELD) OR ○ MECHANICAL (COMPRESSION TYPE) CONNECTION
- NEC NATIONAL ELECTRIC CODE
- ∅ PHASE
- PPC POWER PROTECTION CABINET
- P POLE
- PVC POLYVINYL CHLORIDE
- UL UNDERWRITER LABORATORIES
- ⊗ OMNI-DIRECTIONAL ELECTRONIC MARKER SYSTEM (EMS) BALL

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

ALARM WIRING IDENTIFICATION CHART
SCALE: N.T.S.

DIAGRAM CIRCUIT SCHEDULE						
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	METER/PRIMARY DISCONNECT	PROPOSED ATS	(3) 3 / 0	(1) #4	2-1/2"	POWER FEED
2	PROPOSED ATS	PROPOSED GENERATOR	(2) #14		1"	2-WIRE START/STOP
3	PROPOSED GENERATOR	PROPOSED ATS	(3) 3 / 0	(1) #4	2-1/2"	POWER FEED
4	PROPOSED ATS	EXISTING INTEGRATED AC PANEL	(3) 3 / 0	(1) #4	2-1/2"	POWER FEED
5	EXISTING INTEGRATED PANEL	PROPOSED GENERATOR	(2) #12 (2) #12	(1) #12 (1) #12	1"	2-20 AMP CIRCUITS FOR (1) GENERATOR BLOCK HEATER & (2) BATTERY HEATER/CHARGER
6	PROPOSED ATS	EXISTING TELCO BOARD/ALARM	4-PAIR 24 AWG	N/A	1"	ALARM CABLES FROM ATS PROVIDE 10' OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH LABEL ALL WIRES.
7	PROPOSED GENERATOR	EXISTING TELCO BOARD/ALARM	12-PAIR 24 AWG	N/A	1"	ALARM CABLES FROM ATS PROVIDE 10' OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH LABEL ALL WIRES.

PAIR #	COLORS	AT&T NOMENCLATURE	GENDYN CARDS NOMENCLATURE
1	BLUE WHITE	RBS GENERATOR RUPTURE BASIN	CRITICAL FAILURE
	WHITE		
2	ORANGE WHITE	RBS GENERATOR OVERFILL	FUEL LEAK/OVERFLOW
	WHITE		
3	GREEN WHITE	RBS GENERATOR RUNNING	GENERATOR RUNNING
	WHITE		
4	BROWN WHITE	RBS GENERATOR LOW FUEL	LOW FUEL
	WHITE		
5	SLATE WHITE	RBS GENERATOR SHUTDOWN	MAJOR FAULT
	WHITE		
6	RED BLUE	RBS GENERATOR COMMON	MINOR FAULT
	RED		
7	FROM ATS TO 66 BLOCK BLUE WHITE/WHITE	COMMERCIAL POWER FAIL	COMMERCIAL POWER FAIL
	WHITE	COMMERCIAL POWER FAIL	COMMERCIAL POWER FAIL



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A	3/22/22	ISSUED FOR REVIEW	MB
0	01/17/22	ISSUED FOR REVIEW	ASK

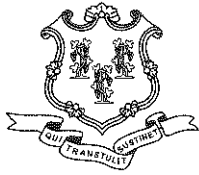
SITE NAME:
FAIRFIELD

SITE ADDRESS:
100 REEF ROAD
FAIRFIELD, CT 06824
FAIRFIELD COUNTY

SHEET TITLE
GENERATOR
ONE-LINE DIAGRAM
(GENERATOR PROJECT)

SHEET NUMBER
E-1

ATTACHMENT 2



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

January 6, 2012

Douglas L. Culp, Real Estate Consultant
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: **EM-CING-051-111223** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 100 Reef Road, Fairfield, Connecticut.

Dear Mr. Culp:

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

- The tower be modified in accordance with the construction drawings included in the (Revised) Structural Analysis Report prepared by Hudson Design Group dated December 20, 2011 and stamped by Gi Kai Wang; and
- Prior to antenna installation, a signed letter from a Professional Engineer duly licensed in the State of Connecticut shall be submitted to the Council to certify that the recommended modifications have been completed and the tower and foundation will not exceed 100 percent of the post-construction structural rating.
- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not less than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated December 22, 2011. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require



explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,



Linda Roberts

Executive Director

LR/CDM/laf

c: The Honorable Michael C. Tetreau, First Selectman, Town of Fairfield
Joseph E. Devonshuk, Town Planner, Town of Fairfield
Gary MacNamara, Chief, Fairfield Police Department

100 REEF ROAD

Location 100 REEF ROAD **Mblu** 182/ 670/ / /
Acct# 05288 **Owner** FAIRFIELD TOWN OF
Assessment \$4,450,390 **Appraisal** \$6,357,700
PID 16390 **Building Count** 2

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2015	\$4,826,700	\$1,531,000	\$6,357,700
Assessment			
Valuation Year	Improvements	Land	Total
2015	\$3,378,690	\$1,071,700	\$4,450,390

Owner of Record

Owner FAIRFIELD TOWN OF **Sale Price** \$0
Co-Owner **Certificate**
Address 725 OLD POST ROAD **Book & Page** 137/ 640
 FAIRFIELD, CT 06824 **Sale Date**

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
FAIRFIELD TOWN OF	\$0		137/ 640	

Building Information

Building 1 : Section 1

Year Built: 1975
Living Area: 24,580
Replacement Cost: \$5,708,959
Building Percent 68
Good:
Replacement Cost
Less Depreciation: \$3,882,100

Building Photo

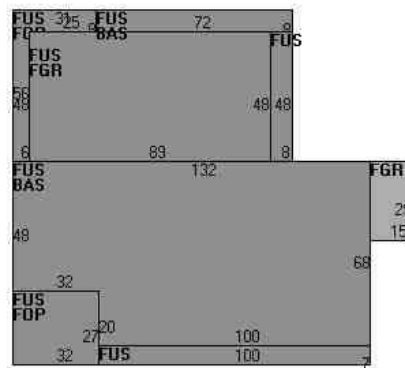
Building Attributes	
Field	Description
STYLE	Police Station
MODEL	Ind/Comm

Stories:	2
Occupancy	1
Exterior Wall 1	Brick/Masonry
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Rolled Compos
Interior Wall 1	Minim/Masonry
Interior Wall 2	Drywall
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	Carpet
Heating Fuel	Gas
Heating Type	Hot Water
AC Type	Central
Bldg Use	Police Dept
Total Rooms	
Total Bedrms	00
Total Baths	0
Liv Area	
Effect Area	
1st Floor Use:	9031
Heat/AC	Heat/AC Split
Frame Type	Fireprf Steel
Baths/Plumbing	Average



(<http://images.vgsi.com/photos/FairfieldCTPhotos//\02\05\41\59.jpg>)

Building Layout



Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
FUS	Upper Story, Finished	15,668	15,668
BAS	First Floor	8,912	8,912
FGR	Garage	4,707	0
FOP	Porch, Open, Finished	1,400	0
		30,687	24,580

Building 2 : Section 1

Year Built: 1953
Living Area: 8,000
Replacement Cost: \$1,119,760
Building Percent Good: 56
Replacement Cost Less Depreciation: \$627,100

Building Attributes : Bldg 2 of 2	
Field	Description
STYLE	Office
MODEL	Ind/Comm
Stories:	2
Occupancy	1

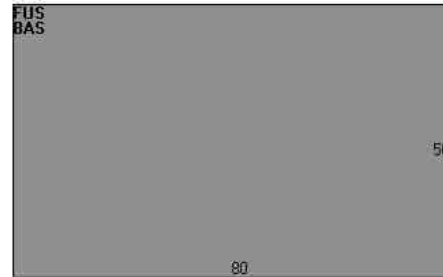
Building Photo

Exterior Wall 1	Brick/Masonry
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Rolled Compos
Interior Wall 1	Plastered
Interior Wall 2	Minim/Masonry
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	
Heating Fuel	Gas
Heating Type	Hot Water
AC Type	Central
Bldg Use	Police Dept
Total Rooms	
Total Bedrms	00
Total Baths	0
Liv Area	
Effect Area	
1st Floor Use:	9031
Heat/AC	None
Frame Type	Masonry
Baths/Plumbing	Average



(<http://images.vgsi.com/photos/FairfieldCTPhotos//\00\00\14\66.jpg>)

Building Layout



Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
BAS	First Floor	4,000	4,000
FUS	Upper Story, Finished	4,000	4,000
		8,000	8,000

Extra Features

Extra Features				
Code	Description	Size	Value	Bldg #
MEZ1	MEZZANINE-UNF	1760 S.F.	\$27,500	1
SPR1	SPRINKLERS-WET	8000 S.F.	\$10,300	2
ELV1	PASS ELEV	2 STOPS	\$39,200	2
VLT1	VAULT-AVG	84 S.F.	\$19,100	1
ELV1	PASS ELEV	2 STOPS	\$47,600	1
ELV2	FREIGHT ELEV	2 STOPS	\$34,000	1

Land

Land Use

Use Code 9031

Land Line Valuation

Size (Acres) 1.50

Description	Police Dept	Depth	0
Zone	R3	Assessed Value	\$1,071,700
Neighborhood	C3	Appraised Value	\$1,531,000
Alt Land Appr	No		
Category			

Outbuildings

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
LT1	LIGHTS-IN W/PL			9 UNITS	\$6,500	1
FN3	FENCE-6' CHAIN			300 L.F.	\$2,700	1
PAV1	PAVING-ASPHALT			40000 S.F.	\$126,000	1
SHD2	W/LIGHTS ETC			300 S.F.	\$4,600	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2015	\$4,826,700	\$1,531,000	\$6,357,700
2014	\$3,157,900	\$1,420,700	\$4,578,600
2013	\$3,157,900	\$1,420,700	\$4,578,600

Assessment			
Valuation Year	Improvements	Land	Total
2015	\$3,378,690	\$1,071,700	\$4,450,390
2014	\$2,210,530	\$994,490	\$3,205,020
2013	\$2,210,530	\$994,490	\$3,205,020

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ATTACHMENT 3

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

SHIP DATE: 24FEB23
ACT WGT: 2.00 LB
CAD: 105486753/NET4580

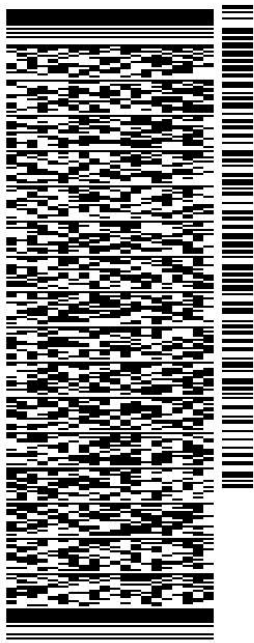
UNITED STATES US

BILL SENDER

TO **MATT DECKER, ZEO**
TOWN OF FAIRFIELD
725 OLD POST ROAD

FAIRFIELD CT 06824

REF: (203) 256-3050
INV/ PO: DEPT:



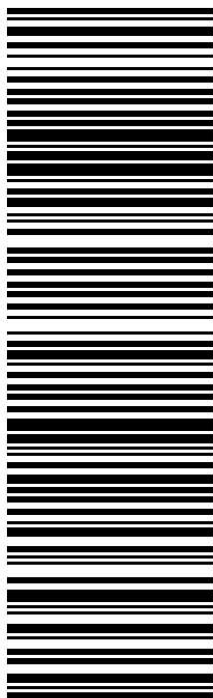
J231023011101uv

TRK# 0201 7714 0046 6497

MON - 27 FEB 10:30A
PRIORITY OVERNIGHT

XE OXCA

06824
CT-US BDL



581J1/BB02/FE2D

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March 01, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 771400466497

Delivery Information:

Status:	Delivered	Delivered To:	
Signed for by:	Signature release on file	Delivery Location:	725 OLD POST RD
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		FAIRFIELD, CT, 06824
		Delivery date:	Feb 27, 2023 08:35

Shipping Information:

Tracking number:	771400466497	Ship Date:	Feb 24, 2023
		Weight:	2.0 LB/0.91 KG

Recipient:
Matt Decker, ZEO, Town of Fairfield
725 Old Post Road
FAIRFIELD, CT, US, 06824

Shipper:
Catherine Conklin, General Dynamics
4603 Kemper Street
ROCKVILLE, MD, US, 20853

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

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

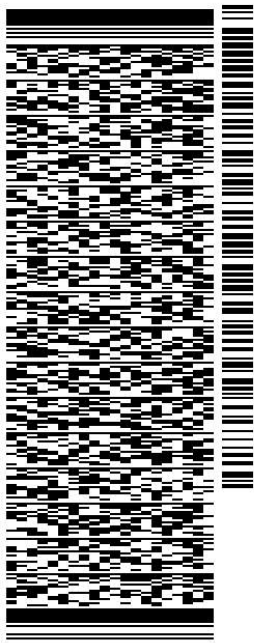
SHIP DATE: 24FEB23
ACT WGT: 2.00 LB
CAD: 105486753/INET4580

BILL SENDER

TO **JIM WENDT, PLANNING DIRECTOR**
TOWN OF FAIRFIELD
725 OLD POST ROAD

FAIRFIELD CT 06824

REF: (203) 256-3050
INV/ PO: DEPT:



J231023011101uv

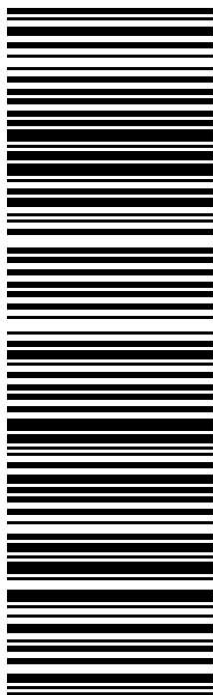
581J1/BB02/FE2D

TRK# 7714 0044 9586
0201

MON - 27 FEB 10:30A
PRIORITY OVERNIGHT

XE OXCA

06824
CT-US BDL



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March 01, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 771400449586

Delivery Information:

Status:	Delivered	Delivered To:	
Signed for by:	Signature release on file	Delivery Location:	725 OLD POST RD
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		FAIRFIELD, CT, 06824
		Delivery date:	Feb 27, 2023 08:35

Shipping Information:

Tracking number:	771400449586	Ship Date:	Feb 24, 2023
		Weight:	2.0 LB/0.91 KG

Recipient:
Jim Wendt, Planning Director, Town of Fairfield
725 Old Post Road
FAIRFIELD, CT, US, 06824

Shipper:
Catherine Conklin, General Dynamics
4603 Kemper Street
ROCKVILLE, MD, US, 20853

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

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

SHIP DATE: 24FEB23
ACTWGT: 2.00 LB
CAD: 105486753/NET4580

UNITED STATES US

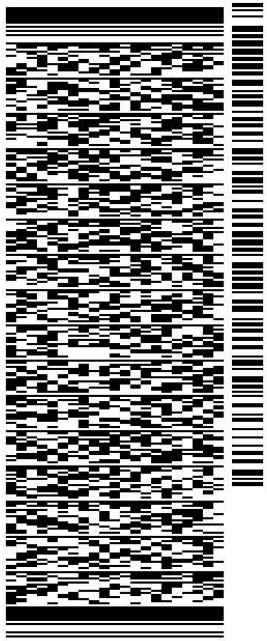
BILL SENDER

TO **BRENDA KUPCHICK, FIRST SELECTWOMAN**

TOWN OF FAIRFIELD
725 OLD POST ROAD
2ND FLOOR

FAIRFIELD CT 06824

REF: (203) 256-3050
INV/ PO: DEPT:



J231023011101uv

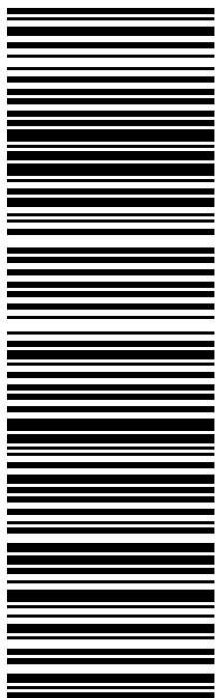
581J1/BB02/FE2D

TRK# 7714 0043 2786
0201

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PRIORITY OVERNIGHT

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06824
CT-US BDL



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March 01, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 771400432786

Delivery Information:

Status:	Delivered	Delivered To:	
Signed for by:	Signature release on file	Delivery Location:	725 OLD POST RD
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		FAIRFIELD, CT, 06824
		Delivery date:	Feb 27, 2023 08:35

Shipping Information:

Tracking number:	771400432786	Ship Date:	Feb 24, 2023
		Weight:	2.0 LB/0.91 KG

Recipient:
Brenda Kupchick, First Selectwoman, Town of Fairfield
725 Old Post Road
2nd Floor
FAIRFIELD, CT, US, 06824

Shipper:
Catherine Conklin, General Dynamics
4603 Kemper Street
ROCKVILLE, MD, US, 20853

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