



Via FedEx and Email

Tracking #: 773410360217

September 7, 2023

Connecticut Siting Council
Attn: Melanie A. Bachman
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification
Facility Address: Chestnut Hill Road, Colchester, CT 06415
Facility Coordinates: 41.568944, -72.3037

Dear Ms. Bachman,

American Tower Corporation (ATC) currently maintains an existing Cellular Tower Facility (187' Monopole) at Chestnut Hill Rd, Colchester, CT. The property is owned by Colchester Realty LLC. ATC intends to install an 80 kW Diesel Generator within the leased and fenced ground space of the facility. The purpose of this generator installation is to allow for shared back up emergency power option for current and future wireless carrier tenants.

The Cellular Tower Facility was originally approved via Docket No. 112 on September 8, 1989. Documentation has been included.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the generator back up power facility will not increase radio frequency emissions at the facility to the level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

318 West Ave., Saratoga Springs, NY 12866
Office 518-306-1711 – Fax 518-306-1711
www.airosmithdevelopment.com





6. The existing structure and its foundation can support the proposed loading if the tower will be re-enforced to support them. <<< NOTE – This condition is N/A. The proposed Generator is based on the ground, and not associated or loaded onto the tower or foundation.

Because this proposed generator is with the existing, approved compound space, and the applicant is NOT requesting an expansion of the ground space beyond approved dimensions, please accept this letter as notification pursuant to Regulations of Connecticut State Agencies @16-50j-73, for construction that constitutes and exempt modification pursuant to R.C.S.A. @16-50j-72(b)(2). In accordance with R.C.S.A. @16-50j-73, a copy of this letter is being sent to Andreas Bisbikos as First Selectman of the Town of Colchester, Jason Nowosad as the Building Official of the Town of Colchester, Isabelle Kisluk Zoning Enforcement Officer of the Town of Colchester, Colchester Realty LLC as the underlying property owner, and American Tower Corporation as tower owner.

If you have any questions, please contact me at mfuentes@airosmithdevelopment.com or (585) 230-7891.

Sincerely,

Mark Fuentes

Mark Fuentes
Airosmith Development - *Authorized Agent for ATC*
3391 Cambier Road Marion, NY 14505
(585) 230-7891 phone
mfuentes@airosmithdevelopment.com // mfuentes@asdwireless.com

Enclosed: Check # 11515 for \$625.00 for Filing Fees
(3) Copies of Exempt Modification Notification and Supporting Documentation

cc: Andreas Bisbikos – First Selectman, Town of Colchester (*Via FedEx*)
Jason Nowosad – Building Official, Town of Colchester (*Via FedEx*)
Isabelle Kisluk – Zoning Enforcement Officer, Town of Colchester (*Via FedEx*)
Colchester Realty LLC – Property Owner (*Via FedEx*)
American Tower Corporation – Tower Owner (*Via Email*)

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSIEIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ATC CM PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE ATC CM PRIOR TO PROCEEDING.
11. EACH CONTRACTOR SHALL COOPERATE WITH THE ATC CM, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE ATC CONSTRUCTION MANAGER.
13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE ATC CONSTRUCTION MANAGER IMMEDIATELY.
15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
16. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
17. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
18. CONTRACTOR SHALL FURNISH ATC WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
19. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CM TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
20. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CONSTRUCTION MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY ATC. ALL REQUIRED PERMITS NOT OBTAINED BY ATC MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
21. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH ATC SPECIFICATIONS AND REQUIREMENTS.
22. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ATC FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
23. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO ATC SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
24. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
25. CONTRACTOR SHALL NOTIFY ATC CM A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
27. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS

REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

28. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE ATC CM. ANY WORK FOUND BY THE ATC CM TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
29. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

CONCRETE AND REINFORCING STEEL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. MIX DESIGN SHALL BE APPROVED BY ATC CM PRIOR TO PLACING CONCRETE.
3. CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-5" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI UNLESS OTHERWISE NOTED.
4. THE FOLLOWING MATERIALS SHALL BE USED:
 - PORTLAND CEMENT: ASTM C150, TYPE 2
 - REINFORCEMENT: ASTM A185, PLAIN STEEL WELDED WIRE FABRIC
 - REINFORCEMENT BARS: ASTM A615, GRADE 60, DEFORMED
 - NORMAL WEIGHT AGGREGATE: ASTM C33
 - WATER: ASTM C 94/C 94M
 - ADMIXTURES:
 - WATER-REDUCING AGENT: ASTM C 494/C 494M, TYPE A
 - AIR-ENTERING AGENT: ASTM C 260/C 260M
 - SUPERPLASTICIZER: ASTM C494, TYPE F OR TYPE G
 - RETARDING: ASTM C 494/C 494M, TYPE B
5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3".
6. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ATC CM APPROVAL WHEN DRILLING HOLES IN CONCRETE.
8. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.
9. DO NOT WELD OR TACK WELD REINFORCING STEEL.
10. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
13. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
14. FOR COLD-WEATHER(ACI 306) AND HOT-WEATHER(ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.
15. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."
16. UNLESS OTHERWISE NOTED:
 - A. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A 615M/A-996, GRADE 60.
 - B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
17. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
18. REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICED LENGTHS SHOWN IN THE

DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTORS FOR TOP STEEL, BAR SPACING, COVER AND THE LIKE.

19. DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).
20. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.
21. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.
22. SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".
23. BAR SUPPORTS SHALL BE ALL-GALVINIZED METAL WITH PLASTIC TIPS.
24. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.
25. SLAB ON GROUND:
 - A. COMPACT SUBGRADE AND ENSURE THERE IS PLACE 6" GRAVEL BENEATH SLAB.
 - B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROUND.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 - A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
 - B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
 - C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
 - D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
 - E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
 - A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
 - B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
 - C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
 - D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
 - E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
 - F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
 - G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.



THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	FER	08/08/23

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

SITE ADDRESS:
CHESTNUT HILL ROAD
COLCHESTER, CT 06415



Digitally Signed: 2023-08-08



DRAWN BY:	FER
DATE DRAWN:	08/08/23
ATC JOB NO:	14210012_M4

GENERAL NOTES

SHEET NUMBER: **G-002** REVISION: **0**

SITE PLAN NOTES:

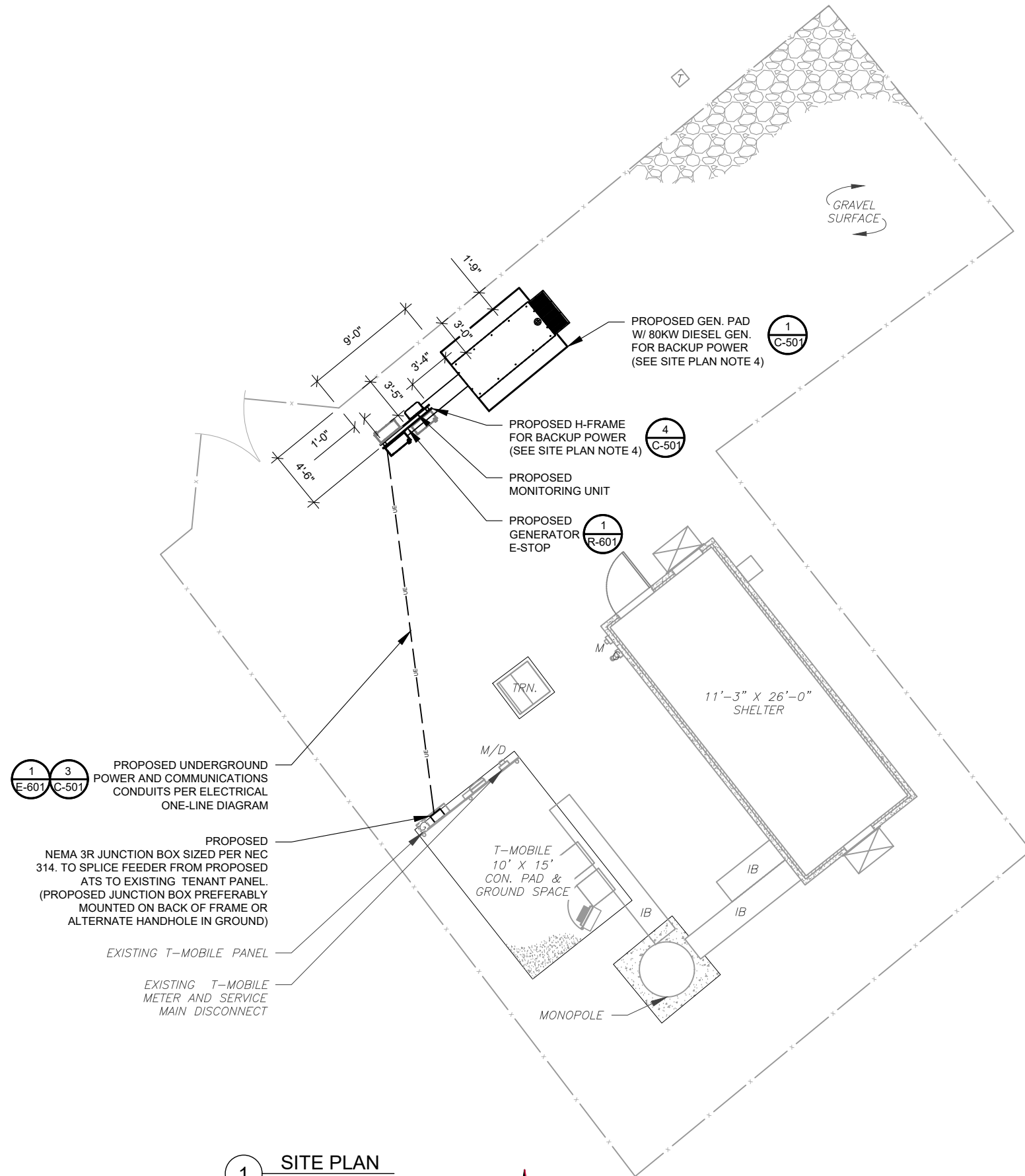
- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE ATC CONSTRUCTION MANAGER AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
- CONTRACTOR SHALL INSURE THAT ALL WORKING SPACE REQUIREMENTS ARE MET PER APPLICABLE CODES AND MANUFACTURER SPECIFICATIONS.
- ABOVE GROUND CONDUITS NEED TO BE SUPPORTED/FASTENED PER NEC 344, NEC 352, AND PER ATC CONSTRUCTION SPECIFICATIONS.
- THE FOLLOWING SIGNS SHALL BE INSTALLED AT TENANT SERVICE MAIN DISCONNECT PER NEC 702.7.
 - "CAUTION: TWO SOURCES OF SUPPLY STANDBY GENERATOR LOCATED OUTDOORS"
 - "WARNING: SHOCK HAZARD EXISTS IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE IS ENERGIZED"

RODENT CONTROL AROUND GENERATOR ENVELOPE:

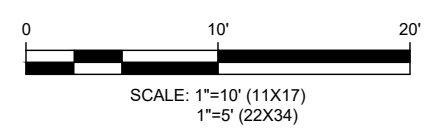
- INSTALL ALL PROVIDED SEALS, PLUGS, COVERS, ETC. IN GENERATOR AND FUEL TANK ENVELOPE. SEAL ALL REMAINING OPENINGS (EXCEPT NORMAL VENTING) WITH RODENT RESISTANT CONDUIT/DUCT SEALANT. NO OPENING SHALL BE LARGER THAN 1/4 INCH ANY DIMENSION.
- SEAL ALL CONDUITS ENTERING GENERATOR STUB UP AREA WITH RODENT RESISTANT CONDUIT/DUCT SEALANT.
- SEAL ALL CONDUIT ACCESS OPENINGS THROUGH CONCRETE PAD WITH CONCRETE.
- SLOPE GRAVEL BASE AT CONCRETE PAD PERIMETER FROM ABOVE PAD BASE TO EXISTING GRADE LEVEL TYPICAL ALL PERIMETER SIDES.

LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
— x —	CHAINLINK FENCE

APPROXIMATE TRENCH DISTANCES	
35'	POWER CONDUIT TRENCH



1 SITE PLAN




AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 PEC.0001553

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

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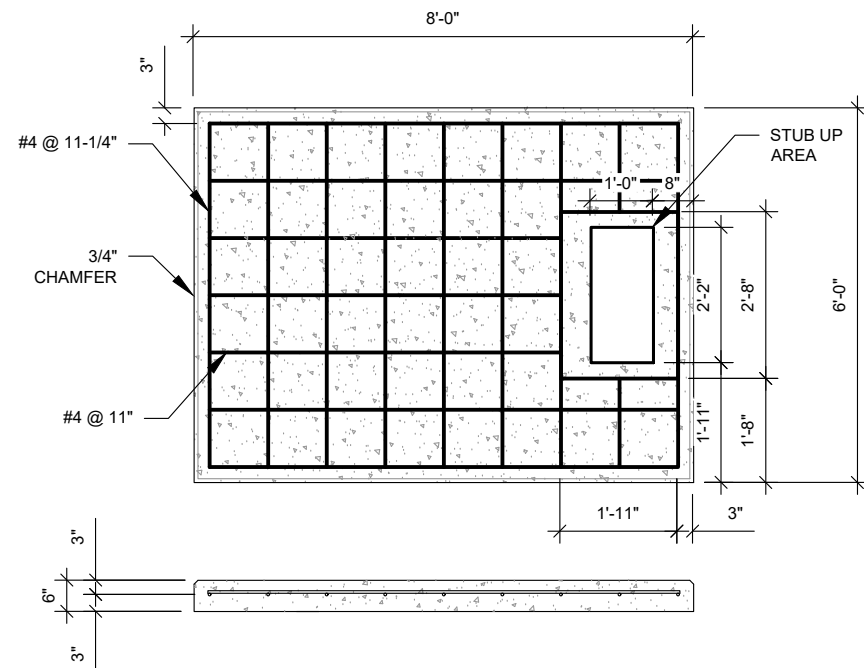
Digitally Signed: 2023-08-08



DRAWN BY:	FER
DATE DRAWN:	08/08/23
ATC JOB NO:	14210012_M4

SITE PLAN	
SHEET NUMBER: C-101	REVISION: 0

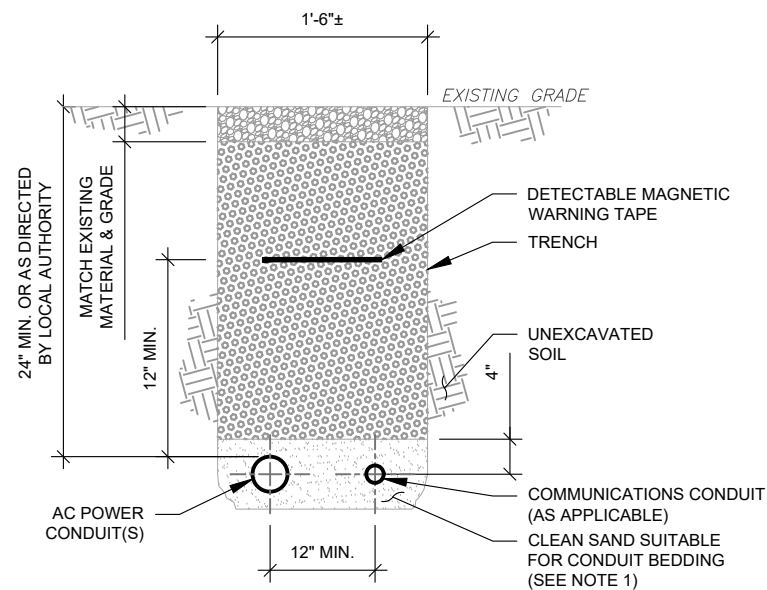
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PAD NOTES:

1. PADS SHALL BE PRE-CAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION.
2. PADS SHALL HAVE A MIN 28 DAY COMPRESSIVE STRENGTH AS SPECIFIED ON G-002, CONCRETE AND REINFORCING STEEL NOTES #3
3. REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET G-002 & ATC CONSTRUCTION SPECIFICATION 033000 FOR CAST-IN-PLACE PADS.
4. STUB UP AREA SHALL BE FILLED WITH QUIKRETE, OR APPROVED EQUAL, PRIOR TO FINAL SET OF GENERATOR ON PAD.
5. AFTER FINAL SET OF GENERATOR ON PAD, GROUT ALL EXTERIOR OPENINGS AT PAD INTERFACE SO THAT FINISHED MAXIMUM OPENING SHALL BE 1/4 INCH.
6. GROUT SHALL BE PER ATC CONSTRUCTION SPECIFICATION DIVISION 03, CONCRETE.

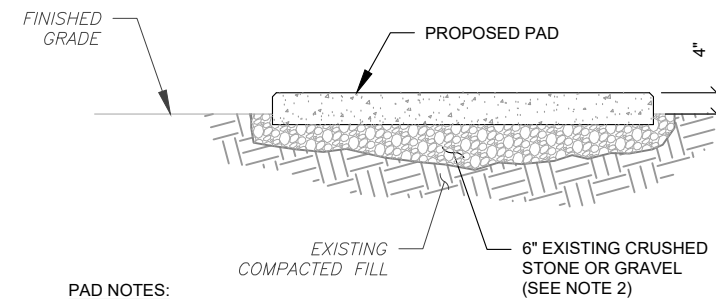
1 REINFORCED PAD LAYOUT
SCALE: N.T.S.



TRENCH NOTES:

1. IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL.
2. COMPACT IN 8" LIFTS USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING. SEE ATC CONSTRUCTION SPECIFICATION 312000 SECTION 3.15.
3. IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.
4. CONFIRM SPACING AND DEPTH WITH NEC OR LOCAL CODE REQUIREMENTS

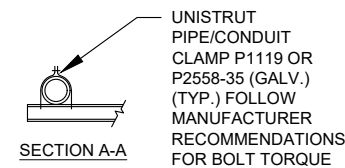
3 CONDUIT TRENCH DETAILS
SCALE: N.T.S.



PAD NOTES:

1. SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETERIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
2. MECHANICALLY COMPACT FOOTPRINT OF PAD PLUS 2' PERIMETER USING A MECHANICAL PLATE TAMPER, MIN 3 PASSES. SEE ATC CONSTRUCTION SPECIFICATION 312000 ACCESS ROAD AND EARTH WORK.
3. USE GALVANIZED HILTI EXPANSION ANCHORS OR, APPROVED EQUAL, FOR EQUIPMENT ANCHORAGE.
4. FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.

2 GRAVEL PREPARATION
SCALE: N.T.S.



SECTION A-A

UNISTRUT PIPE/CONDUIT CLAMP P1119 OR P2558-35 (GALV.) (TYP.) FOLLOW MANUFACTURER RECOMMENDATIONS FOR BOLT TORQUE

TRANSFER SWITCH (SEE NOTE 7)
ATC PANEL
240V, 60A, 3-WIRE, 1-PH,
40A M.C.B., 8 SP, 8CKT,
NEMA 3R LOAD CENTER

UNISTRUT (TO BE FIELD LOCATED)
CIRCUIT BREAKER
MEYERS HUB
(TYP ALL EQUIPMENT CONNECTIONS)

12"Ø CONCRETE FOOTING
(PRE-CAST WHERE ALLOWED
BY JURISDICTION)

H-FRAME NOTES:

1. IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST SHALL BE REQUIRED.
2. PROPOSED UNISTRUTS TO BE FIELD CUT AND SHALL NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
3. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER PROTECTIVE CAPS FOR SAFETY.
4. UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
5. ALL PROPOSED HARDWARE TO BE MOUNTED AND GROUNDED PER MANUFACTURERS SPECS
6. ALL ITEMS ARE PROPOSED UNLESS OTHERWISE NOTED.
7. LAYOUT H-FRAME & PROPOSED EQUIPMENT EXACTLY AS SHOWN TO ALLOW FOR FUTURE EQUIPMENT. ANY DEVIATIONS MUST BE APPROVED BY ATC CM, IN WRITING, NO EXCEPTIONS.
8. FOOTINGS SHALL BE ONE OF THE FOLLOWING: USS POLECRETE STABILIZER SYSTEM, PRECAST CONCRETE (WHERE ALLOWED BY JURISDICTION) OR CAST IN PLACE. FOR PRECAST FOOTINGS, CONTRACTORS SHALL THOROUGHLY COMPACT THE PERIMETER (2' MIN) OF FOOTING WITH MECHANICAL PLATE TAMPER.

4 H-FRAME
SCALE: N.T.S.

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	FER	08/08/23

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

SITE ADDRESS:
CHESTNUT HILL ROAD
COLCHESTER, CT 06415



Digitally Signed: 2023-08-08



DRAWN BY:	FER
DATE DRAWN:	08/08/23
ATC JOB NO:	14210012_M4

**CONCRETE PAD
DETAILS**

SHEET NUMBER: C-501	REVISION: 0
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THIS DESIGN ONLY APPLICABLE TO 240V 1 ϕ UTILITY SERVICE. FIELD VERIFY UTILITY SERVICE AND IF NOT 240V 1 ϕ , HALT CONSTRUCTION AND RE-PROCESS FOR RE-DESIGN

TERMINATE 120/208V OR 120/240V 3-WIRE CIRCUIT ON GENERATOR WIRING TERMINAL STRIP. VERIFY OR INSTALL AS FOLLOWS:
 1. BATTERY CHARGER - PRE-WIRED ON ONE 120V CIRCUIT.
 2. BLOCK HEATER - HARD WIRED 120V CIRCUIT

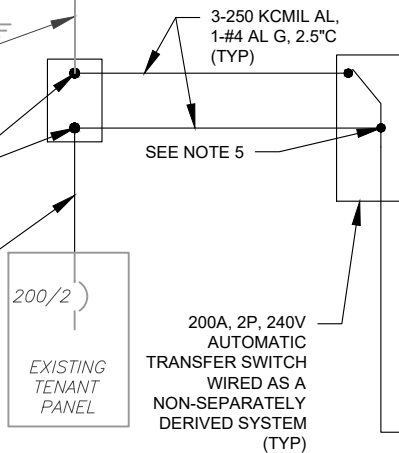
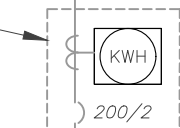
EXISTING METER SOCKET WITH TENANT CIRCUIT BREAKER SERVICE ENTRANCE RATED.

VERIFY GROUND PER NEC (MIN #2 SBTC)

UN-TERMINATE EXISTING AT TENANT PANEL, PULL BACK INTO PROPOSED SERVICE MAIN AND SPLICE AS SPECIFIED.

14"X20"X6" JUNCTION BOX. SPLICE OR FEED THROUGH AS REQUIRED (SEE NOTES 2 AND 3)

3-250 KCMIL AL, 1-#4 AL G, 2.5" C (TYP)



EMERGENCY POWER OFF (SEE NOTE 6)

BOND PER NEC (MIN #2 SBTC)

400/2 MAIN CIRCUIT BREAKER FOR 80KW 1 ϕ , 120/240V, 3W, OPTIONAL STANDBY GENERATOR. PROPOSED DOUBLE 250 KCMIL AL LUGS ON EACH POLE OF LOAD SIDE OF MCB - TOTAL 2 LUGS.

SEE TELCO AND POWER JOINT TRENCH CONDUIT ON C-501

(2) SETS OF (3) 250 KCMIL AL AND (1) #1 AWG AL G IN (2) 2.5" C WIRE WAY, 12" x 12" MINIMUM, LENGTH OF FRAME
 SPLICE WITH 3-PORT "POLARIS" TAPS OR APPROVED EQUAL, SECURELY WRAPPED WITH COMMERCIAL GRADE NYLON ELECTRICAL TAPE AFTER INSTALLATION IS COMPLETE. (TYP ALL CONNECTIONS)

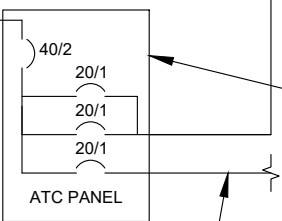
3-#2/0 AWG AL, 1-#4 AWG AL G, 2" C

3-#2/0 AWG AL, 1-#1 AWG AL G, 2" C

COMMUNICATIONS CABLE IN 1" C (SEE DETAIL 4/E-601)

(4) #12 AWG CU THWN
 (2) #12 AWG CU G IN 3/4" C

3-#8 AWG CU, 1-#6 AWG CU, 3/4" C



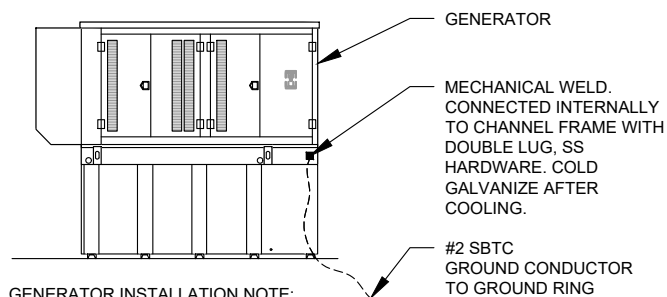
ATC PANEL 240V, 60A, 3-WIRE, 1-PH, 40A M.C.B, 8 SP, 8CKT, NEMA 3R LOAD CENTER. ALL BRANCH CIRCUIT BREAKERS SHALL BE GFCI RATED.

TO PROPOSED MONITORING UNIT (WHEN APPLICABLE, SEE 5/E601)

ONE-LINE NOTES:

- CONNECT CT'S PER HTS OWNERS MANUAL-SECTION 3.11.2 INSTRUMENT PACKAGE
- SPLICE WITH "POLARIS" TAPS OR APPROVED EQUAL, SECURELY WRAPPED WITH COMMERCIAL GRADE NYLON ELECTRICAL TAPE AFTER INSTALLATION IS COMPLETE.
- UTILIZE EXISTING ENCLOSURES FOR SPLICING (PER NEC 312.8) OR INSTALL NEW JUNCTION BOX AS APPLICABLE PER SITE CONDITIONS AND CODES. SIZE JUNCTION BOX AS PER NEC 314.28
- IF TAPPING AT TENANT EQUIPMENT, NO TAPS MAY BE MADE WITHIN THEIR EXISTING EQUIPMENT, INCLUDING PPC.
- TAP GENERATOR PANEL CIRCUIT TO LUGS ON T-TERMINALS (LOAD SIDE) WITH AUXILIARY TAP SCREW. TERMINATE CONDUCTOR ON EACH LUG WITH INSULATED RING TERMINAL PROPERLY SIZED.
- EMERGENCY POWER OFF PUSHBUTTON IN WEATHERPROOF ENCLOSURE FOR REMOTE SHUTDOWN OF GENERATOR ENCLOSURE. FURNISHED BY GENERATOR MANUFACTURER AND INSTALLED BY CONTRACTOR. CONNECT TO Y TERMINALS LOCATED NEAR TB2 VIA 2#18 AWG WIRES IN 1/2" LFMC.

1 ELECTRICAL ONE-LINE DIAGRAM SCALE: NOT TO SCALE

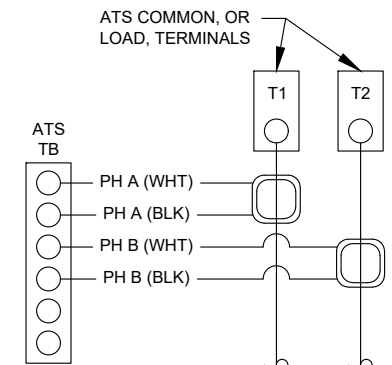


GENERATOR INSTALLATION NOTE:

INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESSORIES FOR THE EXHAUST SYSTEM, FUEL SYSTEM, ENCLOSURE INTEGRITY (CAPS, PLUGS, COVERS, ETC.), ELECTRICAL CONNECTIONS, AND GROUNDING CONNECTIONS.

2 GENERATOR GROUNDING SCALE: NOT TO SCALE

DEMAND LOAD CALCULATION	
GENERATOR LOADS	2.5 KW
TENANT PANEL DEMAND LOADS	25.0 KW
TOTAL DEMAND LOADS (KW)	27.5 KW
TOTAL DEMAND CURRENT (A) AT 120/240V, 1PH, 3W	114.5 A



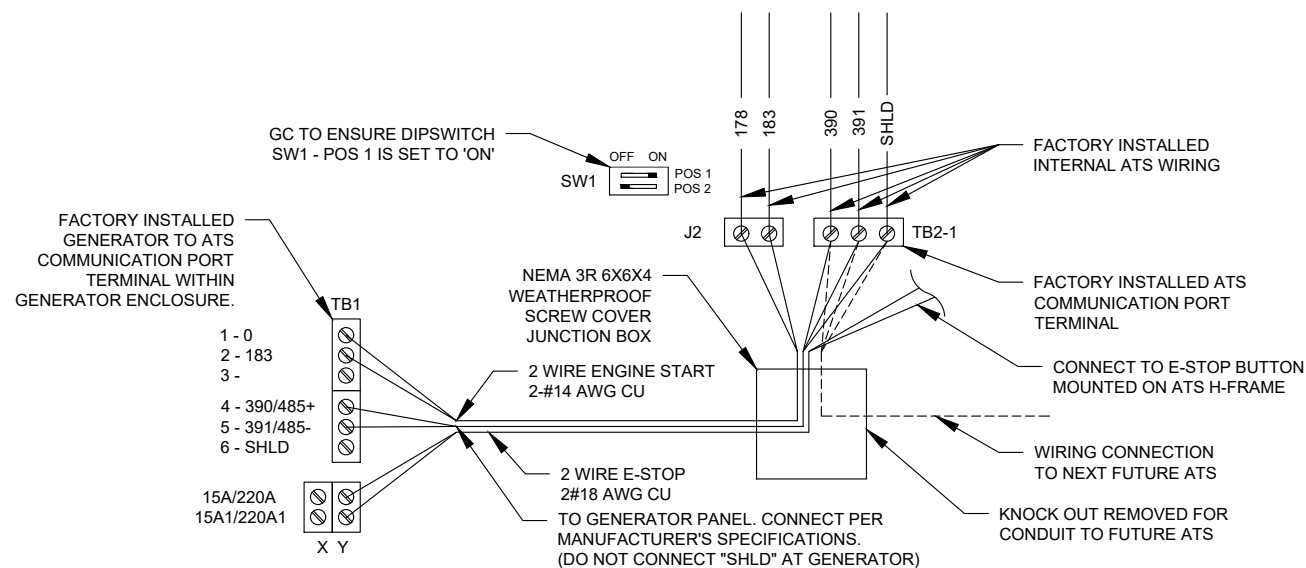
CT NOTES:

- CT'S FURNISHED BY GENERATOR MANUFACTURER WITH LEAD WIRE OPTION, 200:1 AMP RATIO.
- WIRING SHOWN FOR SINGLE PHASE TENANT LOAD ON PHASES A-B. ADJUST ACCORDINGLY FOR INDIVIDUAL SITES THAT ARE BALANCING THREE PHASE SERVICES.
- 1-PHASE: MOUNT ONE CT WITH WHITE DOT FACING AWAY FROM, AND OTHER CT WITH WHITE DOT FACING TOWARDS, THE ATS TERMINAL CONNECTIONS
- 3-PHASE: MOUNT ALL CT'S WITH WHITE DOTS ALL FACING AWAY FROM THE ATS TERMINAL CONNECTIONS

3 CT WIRING DIAGRAM SCALE: NOT TO SCALE

NOTES:

- INSTALL NETWORK OPERATING CENTER (NOC) MONITORING COMMUNICATION SYSTEM (RMC-700) ON MAIN UTILITY H-FRAME. THE RMC-700 IS FURNISHED BY ATC, COMPLETE WITH MOUNTING BRACKETS.
- INSTALL EXTERNAL ANTENNA KIT (FURNISHED BY ATC). ANTENNA MOUNTS TO KENTROX ENCLOSURE OR MOUNTED TO H-FRAME. FEED CABLE THROUGH RMC-700 ENTRY PORT #3 AND CONNECT TO ANTENNA PORT TX/RX. HAND TIGHTEN ONLY. LEAVE POWER AND DATA CABLES IN RMC-700 UNCONNECTED FOR COMMISSIONING TEAM
- BRANCH CIRCUIT WIRING FOR MONITORING DEVICE SHALL BE 2-#12 AWG CU, 1-#12 AWG CU G, IN 3/4" C.



4 COMMUNICATIONS CABLE DETAIL SCALE: NOT TO SCALE

5 PROPOSED MONITORING SCALE: NOT TO SCALE



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REV.	DESCRIPTION	BY	DATE
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ATC SITE NUMBER:
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SITE ADDRESS:
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COLCHESTER, CT 06415



Digitally Signed: 2023-08-08

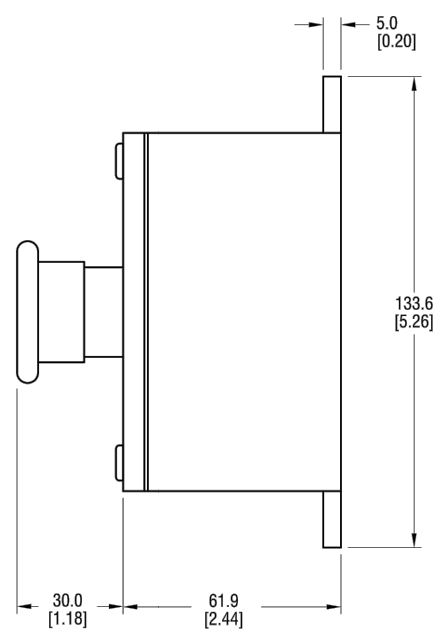
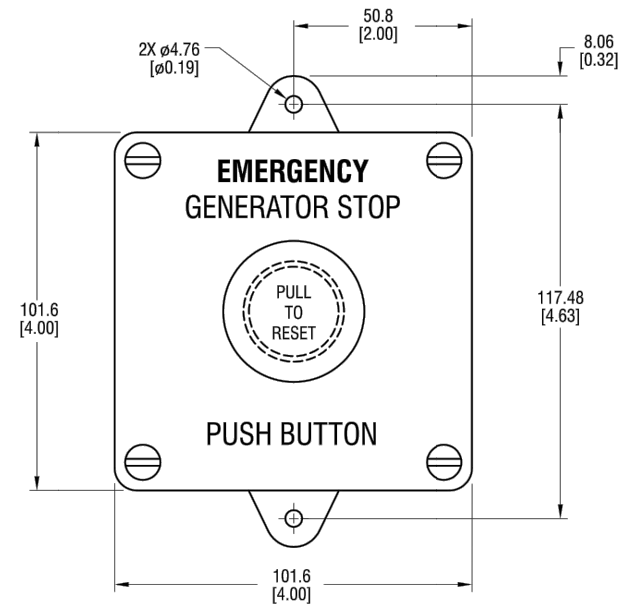


DRAWN BY:	FER
DATE DRAWN:	08/08/23
ATC JOB NO:	14210012_M4

ELECTRICAL ONE-LINE AND WIRING DETAILS

SHEET NUMBER: E-601	REVISION: 0
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REMOTE EMERGENCY STOP SWITCH SURFACE MOUNT, H-PANEL



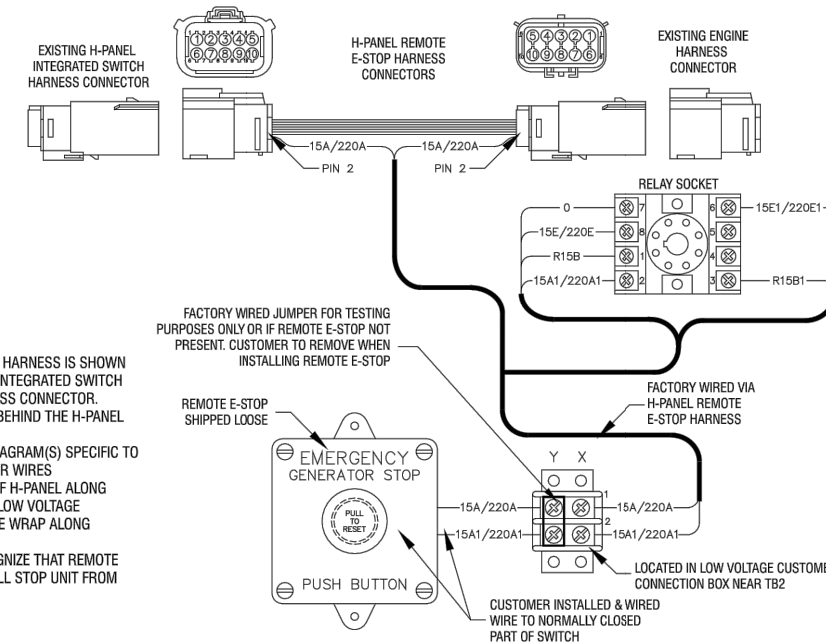
- MANUFACTURER: PILLA ELECTRICAL PRODUCTS, INC.
- MODEL SG120
- GENERAC PART NUMBER 061129E
- SURFACE MOUNT, NEMA 4X
- NONMETALLIC BACKBOX

DIMENSIONS: mm[INCHES]

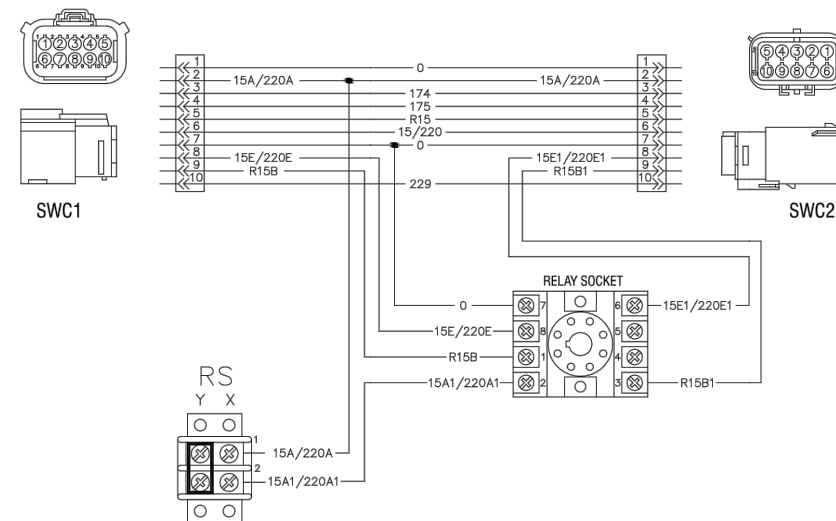
GENSET CONTROLS

1 OF 2

REMOTE EMERGENCY STOP SWITCH SURFACE MOUNT, H-PANEL



- NOTES:
- 1) THE H-PANEL REMOTE E-STOP HARNESS IS SHOWN IN POSITION BETWEEN EXISTING INTEGRATED SWITCH CONNECTOR AND ENGINE HARNESS CONNECTOR. CONNECTION POINT IS LOCATED BEHIND THE H-PANEL HINGED COVER
 - 2) SEE WIRING OR SCHEMATIC DIAGRAM(S) SPECIFIC TO UNIT FOR INFORMATION ON OTHER WIRES
 - 3) FACTORY RUNS WIRING OUT OF H-PANEL ALONG ENGINE HARNESS THAT ENTERS LOW VOLTAGE CUSTOMER CONNECTION BOX. TIE WRAP ALONG HARNESS AS NEEDED.
 - 4) THE H-PANEL WILL NOT RECOGNIZE THAT REMOTE E-STOP WAS ACTIVATED, BUT WILL STOP UNIT FROM RUNNING



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Part No. 0L6260
Rev A 10/15/15

GENSET CONTROLS

2 OF 2

SD080 | 4.5L | 80 kW
INDUSTRIAL DIESEL GENERATOR SET
 EPA Certified Stationary Emergency



STANDBY POWER RATING
 80 kW, 100 kVA, 60 Hz

PRIME POWER RATING*
 72 kW, 90 kVA, 60 Hz

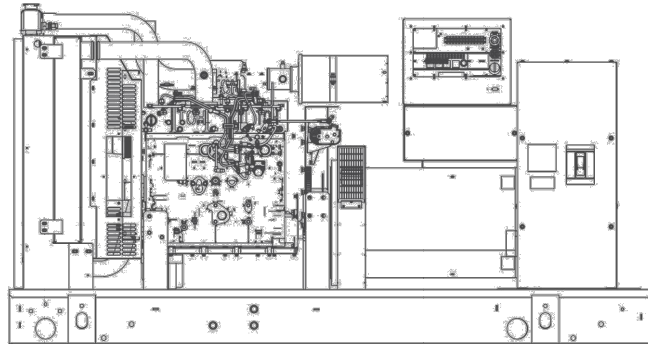


Image used for illustration purposes only



*Built in the USA using domestic and foreign parts

*EPA Certified Prime ratings are not available in the U.S. or its Territories.

**Certain options or customization may not hold certification valid.

CODES AND STANDARDS

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL498

NFPA70, 99, 110, 37

NEC700, 701, 702, 708

ISO9001, 8528, 3046, 7637, Pluses #2b, 4

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

POWERING AHEAD

For over 50 years, Generac has led the industry with 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's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

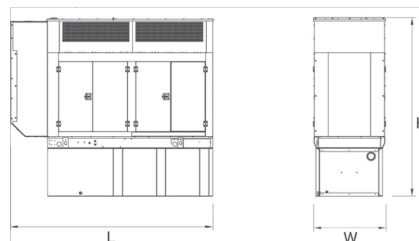
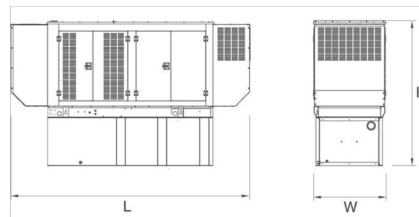
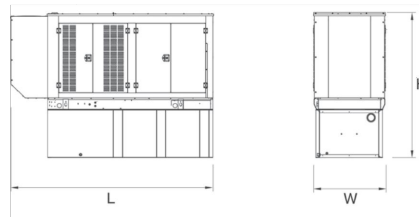
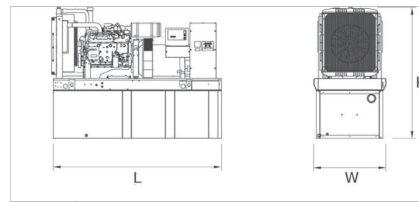
Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

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

SD080 | 4.5L | 80 kW
INDUSTRIAL DIESEL GENERATOR SET
 EPA Certified Stationary Emergency



DIMENSIONS AND WEIGHTS*



YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

OPEN SET

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Tank & Open Set	
			Steel	Aluminum
NO TANK	-	93 (2362.2) x 40 (1016) x 49 (1244.6)	2425 (1100)	
13	79 (299)	93 (2362.2) x 40 (1016) x 62 (1574.8)	2947 (1201)	
30	189 (715.4)	93 (2362.2) x 40 (1016) x 74 (1879.6)	3183 (1444)	
48	300 (1135.6)	93 (2362.2) x 40 (1016) x 86 (2184.4)	3407 (1545)	
56	350 (1325)	110 (2794) x 40 (1016) x 86 (2184.4)	NA	
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 86 (2184.4)	3790 (1719)	
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 86 (2184.4)	4269 (1936)	

STANDARD ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 56 (1422.4)		
13	79 (299)	112 (2844.8) x 41 (1041.4) x 69 (1752.6)		
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 81 (2057.4)		
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)	425 (193)	155 (70)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 93 (2362.2)		
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 93 (2362.2)		
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 93 (2362.2)		

LEVEL 1 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	130 (3302) x 41 (1041.4) x 56 (1422.4)		
13	79 (299)	130 (3302) x 41 (1041.4) x 69 (1752.6)		
30	189 (715.4)	130 (3302) x 41 (1041.4) x 81 (2057.4)		
48	300 (1135.6)	130 (3302) x 41 (1041.4) x 93 (2362.2)	450 (204)	285 (129)
56	350 (1325)	130 (3302) x 41 (1041.4) x 93 (2362.2)		
81	510 (1930.5)	130 (3302) x 47 (1193.8) x 93 (2362.2)		
93	589 (2229.6)	130 (3302) x 49 (1244.6) x 93 (2362.2)		

LEVEL 2 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112 (2844.8) x 41 (1041.4) x 69 (1752.6)		
13	79 (299)	112 (2844.8) x 41 (1041.4) x 82 (2082.8)		
30	189 (715.4)	112 (2844.8) x 41 (1041.4) x 94 (2387.6)		
48	300 (1135.6)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)	625 (284)	395 (180)
56	350 (1325)	112 (2844.8) x 41 (1041.4) x 106 (2692.4)		
81	510 (1930.5)	117 (2971.8) x 47 (1193.8) x 106 (2692.4)		
93	589 (2229.6)	128 (3251.2) x 49 (1244.6) x 106 (2692.4)		

*All measurements are approximate and for estimation purposes only. Sound dBA can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

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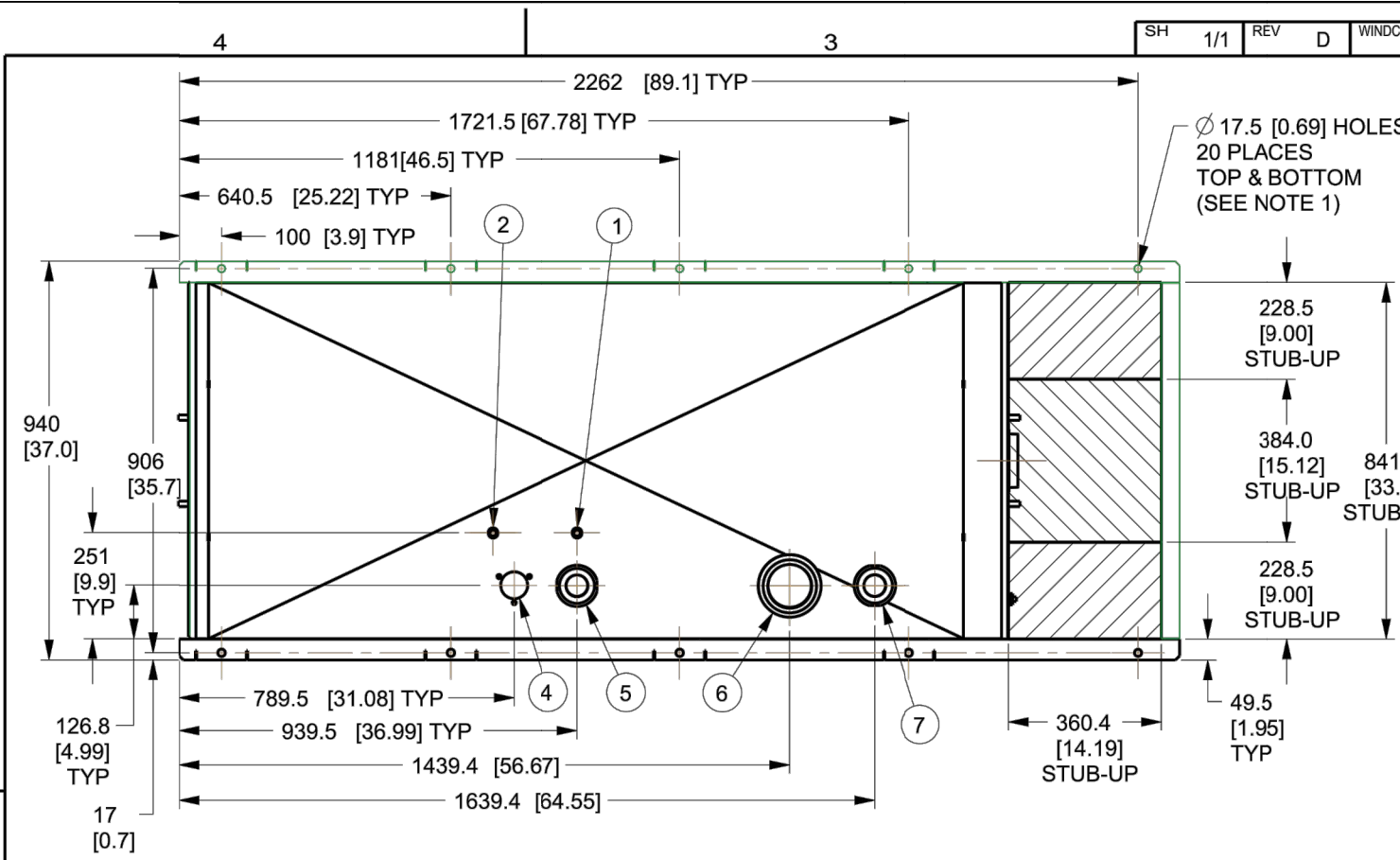
Part No 0K5092
 Rev. F 01/26/17

SPEC SHEET

1 OF 6

SPEC SHEET

6 OF 6

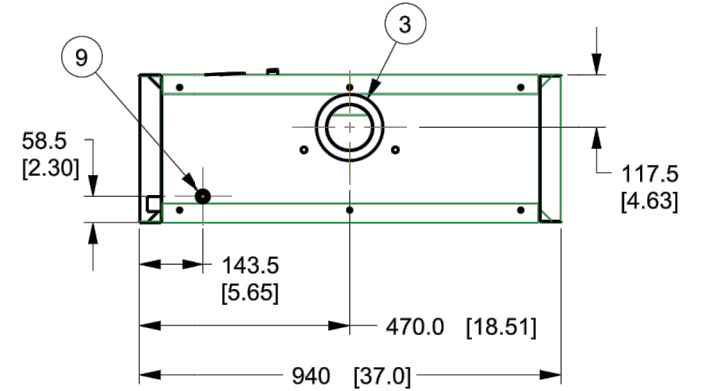
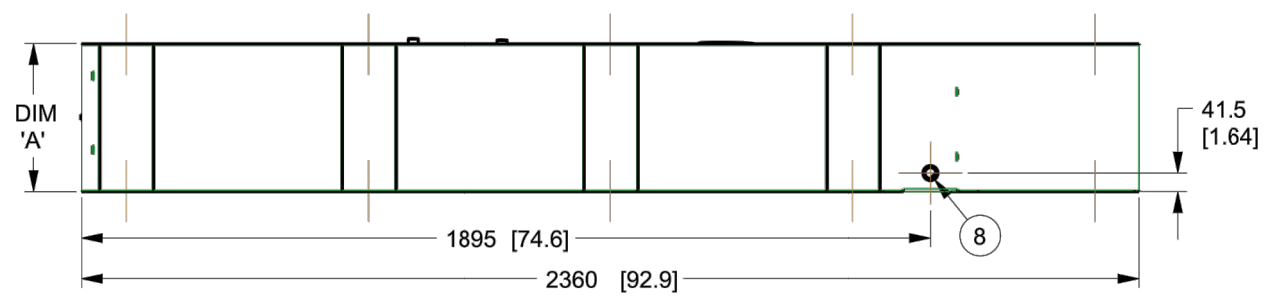


I/N	TANK FITTING	FUNCTION
1	3/8" NPT COUPLING	FUEL SUPPLY
2	3/8" NPT COUPLING	FUEL RETURN
3	4" NPT WELD FLANGE	EMERGENCY VENT
4		FUEL VENT
5	2" NPT WELD FLANGE	FUEL FILL
6	4" NPT WELD FLANGE	EMERGENCY VENT (INNER)
7	2" NPT WELD FLANGE	VENT
8	3/4" NPT COUPLING	DRAIN
9	Ø 22 MM HOLE	LEAK DETECTOR

CAPACITY SHOWN: LITER [GALLONS]
 WEIGHT SHOWN: KILOGRAMS [POUNDS]
 LENGTH SHOWN: MM [INCH]
 UL #142 LISTED
 ULC-S601 LISTED

NOTES:
 1. MOUNTING BOLTS OR STUDS TO MOUNT BASETANK TO CONCRETE SHALL BE 5/8-11 GRADE 5. (USE STANDARD SAE TORQUE SPECS)

- LOW VOLTAGE STUB-UP
- HIGH VOLTAGE STUB-UP



TANK P/N	OJ18430ST03	OJ18440ST03	OJ18450ST03
DIM 'A'	330 [13]	635 [25]	940 [37]
TOTAL TANK CAPACITY	318 [84]	734 [194]	1154 [305]
USABLE TANK CAPACITY	299 [79]	716 [189]	1134 [300]
DRY WEIGHT (EST)	237 [522]	344 [758]	445 [982]

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

GENERAC

TITLE: INSTALL B-GROUP BASETANKS

ISSUE DATE: 02/04/11

SIZE	CAGE NO	DWG NO	REV
B	N/A	OJ4211	D
SCALE	0.075	WT-KG	240.954
		SHEET	1 of 1

INSTALLATION DRAWING

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL

1 GENERAC STANDARD TANK SPEC

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT REQUEST WITHOUT EDIT. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY.

SUPPLEMENTAL

SHEET NUMBER: R-603
 REVISION: 0



AMERICAN TOWER®
CORPORATION

LETTER OF AUTHORIZATION FOR PERMITTING

ATC SITE#/NAME/PROJECT: 302496 / Clch - Colchester / ATC2703375

SITE ADDRESS: Chestnut Hill Road, Colchester, CT 06415-2906

APN: COLC M:04W B:001 L:007-000-TWR

LICENSEE: T-MOBILE d/b/a T-MOBILE NORTHEAST LLC

SITE ACQUISITION VENDOR: Airosmith Development

I, Margaret Robinson, Vice President, UST Legal for American Tower*, owner of the tower facility located at the address identified above (the “Tower Facility”), do hereby authorize T-MOBILE d/b/a T-MOBILE NORTHEAST LLC, Airosmith Development, their successors and assigns, and/or their agent, (collectively, the “Licensee”) to act as American Tower’s non-exclusive agent for the sole purpose of filing and consummating any land-use, building, or electrical permit application(s) as may be required by the applicable permitting authorities for Licensee’s telecommunications’ installation on the Tower Facility.

I understand that these applications may be approved with conditions. The above authorization is limited to the acceptance by Licensee only of conditions related to Licensee’s installation and any such conditions of approval or modifications will be Licensee’s sole responsibility.

Signature: _____

Margaret Robinson, Vice President, UST Legal
US Tower Division

NOTARY BLOCK

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex

This instrument was acknowledged before me by Margaret Robinson, Vice President, UST Legal for American Tower* (Tower Facility owner and/or operator), personally known to me (or proved to me based on satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same.

WITNESS my hand and official seal, this 6th day of June 2023.

NOTARY SEAL



GERARD T. HEFFRON
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 9, 2024

Notary Public

My Commission Expires: August 9th, 2024

* American Tower is defined as American Tower Corporation and any of its affiliates or subsidiaries.



Town of Colchester, CT

Property Report

Map Block Lot

4W-01/007-000/TW

PID **105114**

Building # **1**

Section # **1**

Account

11AT0004

Property Information

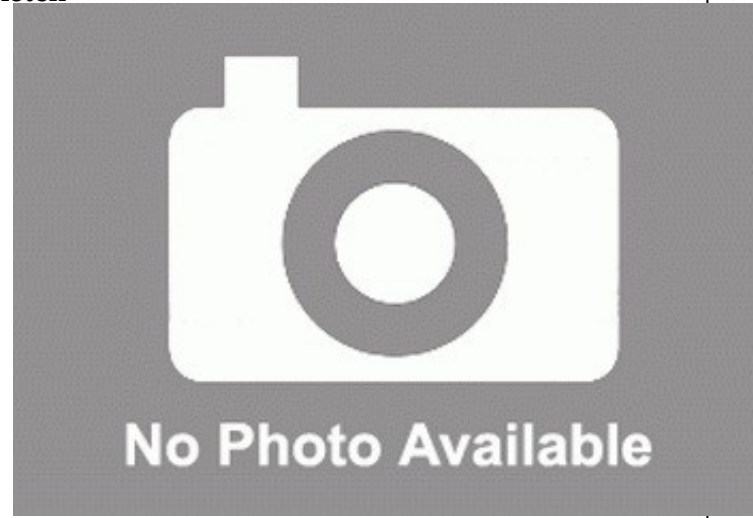
Property Location	CHESTNUT HILL RD
Owner	AT&T MOBILITY LLC
Co-Owner	ATTN PROP TAX DEPT
Mailing Address	1010 PINE 9E-L-01 ST. LOUIS MO 63101
Land Use	4310 Tel Rel Tw
Land Class	I
Zoning Code	FD
Census Tract	

Neighborhood	
Acreage	0
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Additional Info	

Photo



Sketch



Primary Construction Details

Year Built	0
Stories	
Building Style	UNKNOWN
Building Use	Vacant
Building Condition	
Interior Floors 1	
Interior Floors 2	NA
Total Rooms	0
Basement Garages	
Occupancy	
Building Grade	

Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Bath Style	
Kitchen Style	
Roof Style	
Roof Cover	
AC Type	
Fireplaces	0

Exterior Walls	
Exterior Walls 2	NA
Interior Walls	
Interior Walls 2	NA
Heating Type	
Heating Fuel	
Sq. Ft. Basement	
Fin BSMT Quality	
Extra Kitchens	



Town of Colchester, CT

Property Report

Map Block Lot

4W-01/007-000

PID 4760

Building # 1

Section # 1

Account

S0499700

Property Information

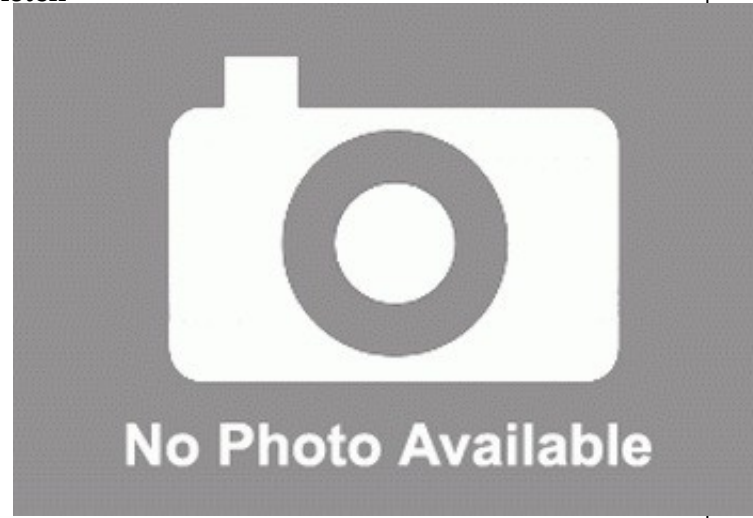
Property Location	CHESTNUT HILL RD
Owner	COLCHESTER REALTY LLC
Co-Owner	C/O ACRE GROUP
Mailing Address	2 CENTRAL AVE NEW HARTFORD CT 06057
Land Use	3900 Comm Vac
Land Class	C
Zoning Code	FD
Census Tract	

Neighborhood	
Acreage	26.17
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Additional Info	

Photo



Sketch



Primary Construction Details

Year Built	0
Stories	
Building Style	UNKNOWN
Building Use	Vacant
Building Condition	
Interior Floors 1	
Interior Floors 2	NA
Total Rooms	0
Basement Garages	
Occupancy	
Building Grade	

Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Bath Style	
Kitchen Style	
Roof Style	
Roof Cover	
AC Type	
Fireplaces	0

Exterior Walls	
Exterior Walls 2	NA
Interior Walls	
Interior Walls 2	NA
Heating Type	
Heating Fuel	
Sq. Ft. Basement	
Fin BSMT Quality	
Extra Kitchens	

DOCKET NO. 112 - An application of SNET Cellular, Inc., for a Certificate of Environmental Compatibility and Public Need for a cellular telephone tower and associated equipment in the Town of Colchester, Connecticut.

CONNECTICUT
SITING **ORIGINAL**
COUNCIL
September 8, 1989

FINDINGS OF FACT

1. SNET Cellular, Inc. (SNET) in accordance with the provisions of Sections 16-50g to 16-50z of the Connecticut General Statutes (CGS) applied to the Connecticut Siting Council (Council) on April 14, 1989, for a Certificate of Environmental Compatibility and Public Need (Certificate) for the construction, maintenance, and operation of a telecommunications tower and associated equipment to provide domestic public cellular radio telecommunication service (cellular service) in the Town of Colchester within the New London New England County Metropolitan Area (New London NECMA). (Record)
2. The Council and its staff made an inspection of the proposed Colchester site on June 13, 1989. This inspection was publicly noticed in the Hartford Courant, the New London Day, the Norwich Bulletin, and the Colchester Regional Standard. During the field review, SNET flew a balloon at the proposed site to simulate the height of the proposed tower. (Record)
3. Pursuant to Section 16-50m of the CGS, the Council, after giving due notice thereof, held a public hearing on the proposed tower site on June 13, 1989, beginning at 3:00 P.M., and continuing at 6:30 P.M., the same day. The hearing was held in the gymnasium of the Salem Elementary School, Salem, Connecticut. (Record)

4. The parties in the proceeding are the applicant and those persons and organizations whose names are listed in the Decision and Order which accompanies these Findings of Fact. (Record)
5. The Department of Environmental Protection (DEP) filed written comments with the Council pursuant to Section 16-50j of the CGS on June 2, 1989. (Record)
6. Cellular service consists of small, overlapping broadcast regions, two to ten miles in diameter, known as cells. Each cell is served by a transmitter limited by the Federal Communications Commission (FCC) to no more than 100 watts effective radiated power per channel. Each cell is connected to a central switching point containing electronic apparatus uniting the cells into a system. Mobile units are limited by the FCC to a maximum of seven watts of effective radiated power. (SNET 1, Section II, pp. 1-2)
7. The FCC has determined that the public interest requires two licenses for cellular service be made available in each market of each NECMA. (SNET 1, p. 3)
8. Applicants for FCC cellular system authorizations are not required to demonstrate a public need for the service, since the FCC has pre-empted this issue through the exercise of its primary jurisdiction. (SNET 1, Section III, p. 3)
9. The FCC has pre-empted the States' regulation of cellular service in three major areas: technical standards to assure technical integrity of systems and nationwide compatibility, market structure, and state certification prior to federal application for a construction permit. (SNET 1, Section III, pp. 3-4)

10. The FCC granted SNET cellular radio authorization for the New London NECMA on July 25, 1986. On April 14, 1989, SNET applied to the FCC to construct the proposed Colchester site as an expansion of the New London NECMA. (SNET 1, pp. 3-4; Section VI, p. 32)
11. As part of SNET's overall system, the proposed site in Colchester is planned to overlap with SNET's existing cellular coverage from sites in Norwich and Glastonbury. (SNET 1, Section III, p. 35; SNET 2, Q-5, p. 2)
12. The coverage from the proposed Colchester tower site would include Routes 2, 11, 16, 149, 85, and 354 within the towns of Colchester, East Haddam, Columbia, Hebron, Lebanon, and Marlborough. (SNET 1, Section III, p. 35; SNET 2, Q. 5, p. 2)
13. In its search for a tower site, SNET considered and rejected eight potential sites in the Colchester area. SNET contacted the Connecticut State Police regarding the use of the existing 320-foot State Police tower on Windham Avenue in Colchester. The State Police plan to add four dish antennas and two whip antennas to this tower. To adequately support the additional SNET antennas, a new tower and foundation would be required to replace the existing two-year old tower at a cost of \$200,000. The existing tower would be overloaded if the SNET antennas were added. Neither the State Police nor SNET deemed it financially prudent to make this investment and replace a tower in service less than two years. (SNET 1, Section III, pp.4-5)

14. SNET considered an existing 160-foot tower owned by the Algonquin Gas Company (Algonquin) on Munn Road and requested to lease a portion of Algonquin's 7.6 acre site for an additional tower, but Algonquin declined, citing possible future needs. An existing 200-foot tower on Buckley Hill in Colchester was considered, but a tower at this site would not provide the required coverage along Route 2 to connect with existing coverage from the Norwich site. A parcel of land on Westchester Road was considered, but would not provide coverage along Route 2. The Town of Colchester suggested the use of town-owned property on Halls Hill which contains water tanks of 50 feet and 80 feet. SNET determined that this site would require a 180-foot tower, but rejected the site because it is in a residential area. A 140-foot existing tower at the State Police barracks on Old Hartford Road, was considered, but rejected due to low elevation and inability to provide adequate coverage. An existing 40-foot Department of Transportation tower was evaluated, but rejected due to low elevation and insufficient coverage. (SNET 1, Section VI, pp. 5-7, p. 10)
15. The proposed Colchester tower site is a 100-foot by 100-foot parcel 660 feet west of Chestnut Hill Road on a 72 acre site owned by Stelco Industries. The proposed site is zoned General Commercial. (SNET 1, Section VI, p. 3, p. 7, p. 20)
16. The proposed site is adjacent to and south of Route 2. Most of the proposed site is heavily treed. (SNET 1, Section VI, p. 3)
17. The owner of the 72 acre site is proposing to develop a portion of the site for a lumber and building supply business. (SNET 1, Section VI, p. 3)

18. SNET would construct a new 600-foot access road from Chestnut Hill Road into the proposed site. The access road would be 14 feet in width and surfaced with processed stone. Utilities would be brought into the proposed site above ground. (SNET 1, Section VI, p. 20; Tr., p. 45, p. 52)
19. The proposed site has an elevation of 550 feet above mean sea level. The coordinates of the proposed site are $41^{\circ} 34' 05''$ latitude, and $72^{\circ} 18' 20''$ longitude. (SNET 1, Section VI, p. 33)
20. There are two homes and a church within a 1000-foot radius of the proposed site. The nearest home is 680 feet from the proposed site. (SNET 2, Q. 1)
21. The proposed monopole tower would be a 180-foot monopole to which a triangular platform would be attached. Between four and six omnidirectional whip antennas would be mounted at the corners of this platform. The antennas and support platform would add 17 feet to the overall height of the tower, thereby resulting in a total structure height of 197 feet. (SNET 1, Section V, pp. 2-4)
22. The proposed tower would be painted a mixed blue-grey color. (SNET 1, Section V, p. 3)
23. Within the proposed site, SNET would construct a single-story 12-foot by 26-foot equipment building to house electronic equipment. Security and fire alarms would be installed within this building. (SNET 1, Section V, p. 1, Section VI, p. 36; Tr. p. 47)
24. An eight-foot high chain link fence would surround the proposed tower and equipment building. (SNET 1, Section VI, p. 36; SNET 2, Q. 12)
25. The distance from the base of the proposed tower to the nearest travel portion of Route 2 would be 156 feet. The only building within the fall zone of the proposed tower would be the electronic equipment building. Approximately 24 feet of tower's 180 foot fall zone would extend on to Route 2. (SNET 2, Q. 6, Q. 12)

26. The proposed tower would be visible from nearby portions of Route 2 and from the Bible Baptist Church on Chestnut Hill Road. The tower would not be visible from the cul-de-sac on Edgewood Drive, or from the intersection of Norwich Road and Chestnut Hill Road. (SNET 2, Q. 11)
27. There are no inland wetlands on the proposed site or route of the access road. However, a point of the western portion of the proposed site boundary touches a wetland and approximately two-thirds of the proposed site is within 75 feet of this wetlands boundary. The Town of Colchester's wetlands regulations consider any construction conducted within this 75-foot area to be a regulated activity. (SNET 2, Q. 2, Q. 14)
28. SNET approached the owner of the proposed site regarding moving the 100-foot by 100-foot parcel farther from the wetlands. The owner refused to consider moving the tower site, citing possible intrusions on his plans to develop the rest of the 72-acre site. (Tr; p. 17)
29. In the construction of the proposed site and access road, SNET would remove 77 trees with a diameter of less than six inches, and 51 trees with a diameter of greater than six inches. (SNET 2, Q. 3)
30. The proposed site is approximately 1500 feet south of a private landing strip, used during daylight hours. This landing strip is oriented in an east to west direction and has an approach approximately 90 degrees from the proposed site. This landing strip was not identified by SNET on any Federal Aviation Administration (FAA) maps. (Tr; p. 30, p. 35, p. 38; SNET Late File 4)
31. SNET requested FAA approval for the proposed site on March 29, 1989. On June 22, 1989, SNET formally notified the FAA of the existence of the private landing strip. To date, SNET had not received any response from the FAA regarding the proposed tower. (SNET Late File 4)

32. Reducing the height of the proposed tower from 180 feet to 150 feet would result in the loss of 1.1 miles of coverage along Route 11, the loss of 2.5 miles along Route 2, the loss of .25 miles on Route 85, the loss of .30 miles on Route 16, the loss of .10 miles on Route 354, and the loss of 2.9 miles on Route 149. (Tr., pp. 19-20)
33. Based on conservative assumptions, the worst case electromagnetic radio frequency power density (power density) level would be 0.070787 mW/cm^2 at the base of the proposed tower. The American National Standards Institute (ANSI) safety standard for the proposed frequency level is 2.933 mW/cm^2 . (SNET 1, Section IV, p. 8, Section VI, p. 28)
34. The General Assembly has directed that the Commissioner of the DEP shall by regulation adopt the standards recommended by the ANSI with respect to human exposure to radio frequency electromagnetic fields. (CGS 22a-162(a))
35. Other than the climate control equipment, the proposed tower and equipment building would not be a source of noise. (SNET 1, Section VI, pp. 22-23)
36. There are no existing records of federally endangered or threatened species or Connecticut species of special concern occurring at the proposed tower site. (SNET 2, Q. 10)
37. Construction of the proposed tower and associated equipment building would have no effect on historic, architectural, or archaeological resources listed on or eligible for the National Register of Historic Places. (SNET 2, Q. 9)

38. Facility costs at the proposed Colchester tower site were estimated as follows:

Radio Equipment	\$179,515.00
Antenna Equipment and Mast	47,880.00
Power and Common Equipment	171,570.00
Land and Building	156,000.00
Miscellaneous (including site preparation and installation)	77,700.00
	<hr/>
Total Cost	\$632,665.00

(SNET 1, Section VI, p. 29)

3356E

DOCKET NO. 112 - An application of SNET Cellular, Inc., for a Certificate of Environmental Compatibility and Public Need for a cellular telephone tower and associated equipment in the Town of Colchester, Connecticut.

: Connecticut

: Siting

: Council

: September 8, 1989

ORIGINAL

OPINION

On April 14, 1989, SNET Cellular, Inc. (SNET) applied to the Connecticut Siting Council (Council) for a Certificate of Environmental Compatibility and Public Need (Certificate) to construct, operate, and maintain a cellular telephone tower site within the Town of Colchester, Connecticut.

The public need for cellular telephone facilities has been pre-empted by the Federal Communications Commission (FCC). The Council must therefore balance the need to develop the proposed site as a cellular telephone facility with the need to protect the environment and minimize damage to the State's scenic, historic, and recreational values.

In finding a proposed site, an applicant must locate a site offering the desired coverage; adequately distant from homes, wetlands, and public recreation areas; and available for lease or sale by a land owner. These requirements narrow the field of potential tower sites considerably.

While the Council remains concerned about the potential environmental impacts of the construction of the proposed tower, the Council is of the opinion that there are no feasible or prudent alternatives to the proposed site, that this cell site is necessary to provide coverage to the Colchester area, and that it will help meet the FCC mandate to provide adequate cellular telephone service within the New London NECMA.

Tower visibility is an issue of significant concern to people living in the vicinity of a proposed cellular tower. The nearest home is 600 feet from the proposed site, and there is only one other home within a 1000-foot radius of the proposed site. Most of the visibility of the tower would be along Route 2.

Approximately 128 trees would have to be removed during the construction of the tower site and the 600-foot access road leading to it. The development and management plan (D & M Plan) should address the issue of tree removal by developing a plan which would minimize tree removal as much as possible, and leave a buffer strip of trees between the site, the access road, and Route 2.

The western portion of the tower site touches a boundary of existing wetlands on the 72-acre property on which the 100-foot by 100-foot tower site sits. The owner of the 72-acre site has refused to consider moving the tower site to another portion of his land, away from the wetlands. The Council will therefore require SNET to stipulate that the tower site and access route are not within an inland wetlands as identified by a certified soil scientist. In addition, a detailed erosion and sedimentation control plan to protect the wetland areas will be required as an element of the D&M Plan.

Although the Council urges the applicant to have a determination from the FAA available to date, SNET has not received any approval from the Federal Aviation Administration (FAA) for tower construction, or a determination whether this tower must be obstruction-marked and lighted, or what effect, if any, a private landing strip 1500 feet south of the proposed site would have on this tower. Consequently, the exact tower height, marking, lighting, and location in regards to airports and landing strips are unclear. In order to clarify these uncertainties, the Council will condition its certification upon approval by the FAA.

Electromagnetic radio frequency power densities are a concern to residents living in the vicinity of any broadcast facility. In the present case, however, the power density levels at the base of the tower would be well below the American National Standards Institute safety standards for the proposed frequencies.

The proposed site is zoned General Commercial, and the owner plans to develop the remainder of the parcel as a lumber and building supply business. The tower and equipment building would not interfere with such development. However, the installation of overhead utilities might cause conflicts with the development. The Council will therefore require SNET to explore possible underground utility installation.

The base of the proposed tower is 156 feet from the nearest travel portion of Route 2. The Council is concerned about this major state highway being within the fall zone of this 197-foot tower structure. The Council will therefore attempt to have SNET either lower the height of the tower or move the site farther back from Route 2 to a location out of the fall zone of the tower.

There are no existing records of federally endangered or threatened species or Connecticut species of special concern occurring in the area of the proposed site. Construction of this tower and equipment building would not have a significant effect on historic or archaeological resources listed on or eligible for the National Register of Historic Places.

In rendering this decision, the Council considered the site, surrounding land uses, zoning, and the information provided by local residents.

Based on its record in this proceeding, the Council finds that the effects associated with the construction, operation, and maintenance of a cellular tower and associated equipment building at the proposed site, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife, are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application.

Therefore the Council will issue a Certificate for the construction of the proposed Colchester tower site. The Council will require the applicant to submit a D & M Plan for approval to the Council prior to the commencement of any construction or clearing at the proposed site. This D & M Plan shall include detailed plans for erosion and sediment control, seeding, loaming, and landscaping around the tower site and equipment building.

DOCKET NO. 112 - An application of
SNET Cellular, Inc., for a Certificate
of Environmental Compatibility and
Public Need for a cellular telephone
tower and associated equipment in the
Town of Colchester, Connecticut.

: Connecticut
: Siting
: Council

ORIGINAL

:September 8, 1989

DECISION AND ORDER

Pursuant to the foregoing Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a cellular monopole tower and associated equipment building at the proposed Colchester site, including effects on the natural environment; ecological balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife, are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the Connecticut General Statutes (CGS) be issued to SNET Cellular, Inc., (SNET) for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the proposed site on Chestnut Hill Road in Colchester, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record on this matter, and subject to the following conditions:

1. The tower shall be a monopole no taller than necessary to provide the proposed service, and in no event shall the structure exceed a total height of 197 feet, including antennas.

2. No part of the tower site or access road shall be within an inland wetland as defined by CGS 22a-38(15) and identified by a certified soil scientist.
3. The facility shall be constructed in accordance with applicable sections of the State of Connecticut Basic Building Code.
4. Unless necessary to comply with conditions of the Federal Aviation Administration, no lights shall be installed on this tower.
5. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M Plan shall include detailed plans for erosion and sediment control along the access road and at the tower site, plans for permanent evergreen screening along the outside perimeter of the eight-foot fence surrounding the site, plans for loaming and seeding the site and side of the access road following completion of construction, and, to the greatest extent possible, plans to shift the tower site and/or reduce the height of the tower to prevent an overlap of the tower fall zone with the nearest traveled portion of Route 2. The access road shall be constructed in a manner to minimize erosion and tree clearing as much as possible. The Certificate Holder shall consult with the Town of Colchester in the preparation of the D&M Plan. Utilities shall be installed underground if it is found overhead utilities would interfere with the development of land adjacent to the site.

6. The Certificate Holder or its successor shall permit public or private entities to share space on the tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
7. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application are added to this facility.
8. If this facility does not provide, or permanently ceases to provide, cellular service following the completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council and a Certificate granted before any such new use is made.
9. The Certificate Holder shall comply with any future radio frequency (RF) standard, promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.
10. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

Pursuant to Section 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below. A notice of issuance shall be published in the Hartford Courant, the New London Day, the Norwich Bulletin, and the Colchester Regional Standard.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of State Agencies.

The parties or intervenors to this proceeding are:

PARTY

SNET Cellular, Inc.
227 Church Street
New Haven, CT 06506

ITS REPRESENTATIVE

SNET Cellular, Inc.
c/o Peter J. Tyrrell
Senior Attorney
227 Church Street
Room 1021
New Haven, CT 06506

INTERVENOR

Metro Mobile CTS of
Hartford, Inc.
100 Corporate Drive
Windsor, CT 06095

ITS REPRESENTATIVE

Kenneth I. Friedman, Esq.
David W. Bogan, Esq.
Byrne, Slater, Sandler
Shulman & Rouse, P.C.
330 Main Street
P.O. Box 3216
Hartford, CT 06103


CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 112 or read the record thereof, and that we voted as follows:


Dated at New Britain, Connecticut the 8th day of September, 1989.

Council Members

Vote Cast


Gloria Dibble Pond
Chairperson

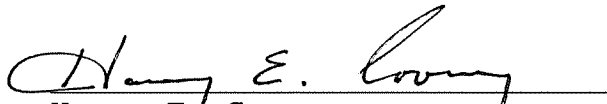
YES


Commissioner Peter Boucher
Designee: Robert A. Pulito

NO

Commissioner Leslie Carothers
Designee: Brian Emerick

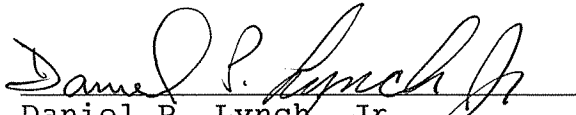
ABSENT


Harry E. Covey

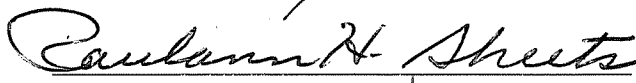
ABSTAIN


Mortimer A. Gelston

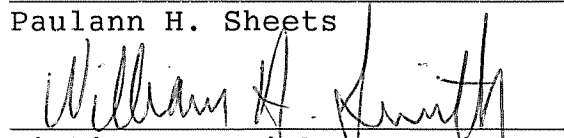
YES


Daniel P. Lynch, Jr.

YES


Paulann H. Sheets

NO


William H. Smith

YES


Colin C. Tait

NO

ORIGIN ID:GFLA (585) 230-7891
MARK FUENTES
AIROSMITH DEVELOPMENT INC.
318 WEST AVENUE
SARATOGA SPGS, NY 12866
UNITED STATES US

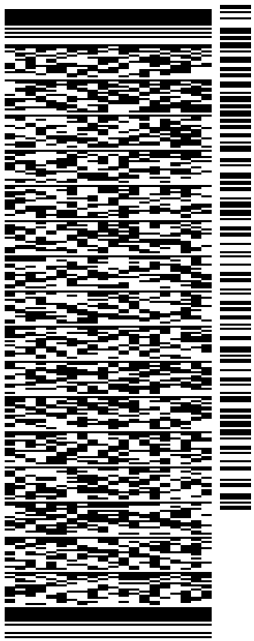
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ACTWGT: 1.00 LB
CAD: 10763113/IN/ET4640

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TO ANDREAS BISBIKOS - FIRST SELECTMAN
TOWN OF COLCHESTER
127 NORWICH AVENUE

COLCHESTER CT 06415

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INV: DEPT:
PO:



J233123073101uv

583J3/CEED9AE3

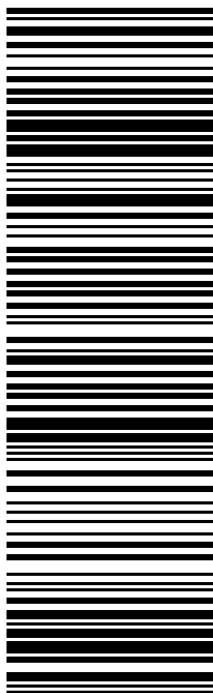
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NORWICH, CT

9/11/23 7:40 AM

OUT FOR DELIVERY

NORWICH, CT

9/11/23 7:44 AM

DELIVERED

COLCHESTER, CT US

Delivered

9/11/23 at 9:52 AM

[↓ View travel history](#)

Want updates on this shipment? Enter your email and we will do the rest!

YOUR EMAIL**SUBMIT****MORE OPTIONS**

Shipment facts

Shipment overview

TRACKING NUMBER 773311057514

DELIVERED TO Receptionist/Front Desk

SHIP DATE  9/7/23

STANDARD TRANSIT  9/11/23 before 5:00 PM

ACTUAL DELIVERY 9/11/23 at 9:52 AM

Services

SERVICE FedEx 2Day

TERMS Shipper

SPECIAL HANDLING SECTION Deliver Weekday

Package details

WEIGHT 1 lbs / 0.45 kgs

DIMENSIONS 13x11x3 in.

TOTAL PIECES 1

TOTAL SHIPMENT WEIGHT 1 lbs / 0.45 kgs

PACKAGING FedEx Envelope

[↑ Back to top](#)

Travel history

Ascending

Local Scan Time

ORIGIN ID:GFLA (585) 230-7891
MARK FUENTES
AIROSMITH DEVELOPMENT INC.
318 WEST AVENUE
SARATOGA SPGS, NY 12866
UNITED STATES US

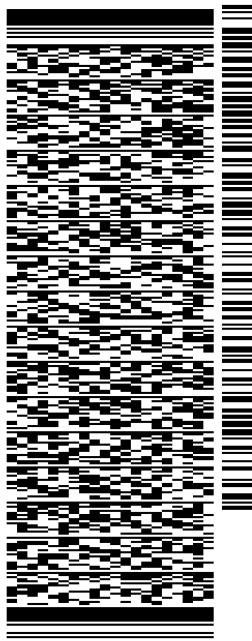
SHIP DATE: 07SEP23
ACTWGT: 1.00 LB
CAD: 10763113/IN/ET4640

BILL SENDER

TO JASON NOWOSAD - BUILDING OFFICIAL
TOWN OF COLCHESTER
127 NORWICH AVENUE

COLCHESTER CT 06415

(860) 537-7285 REF: P-50669 QLQH-COLCHESTER CT
INV/ PO: DEPT:



J233123073101uv

583J3/CEED9AE3

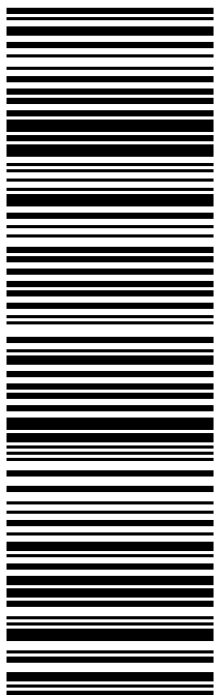
TRK# 7733 1120 1458
0201

MON - 11 SEP 5:00P

** 2DAY **

SE SKKA

06415
CT-US BDL



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

FedEx® Tracking

**DELIVERED**

Monday

9/11/23 at 9:52 AM

Signed for by: K.FORTIER

[↓ Obtain proof of delivery](#)**DELIVERY STATUS**

Delivered

TRACKING ID

773311201458

FROM

SARATOGA SPGS, NY US

Label Created

9/5/23 3:14 PM

WE HAVE YOUR PACKAGE

MENANDS, NY

9/7/23 4:08 PM

IN TRANSIT

NORWICH, CT

9/11/23 7:46 AM

OUT FOR DELIVERY

NORWICH, CT

9/11/23 7:51 AM

DELIVERED

COLCHESTER, CT US

Delivered

9/11/23 at 9:52 AM

[↓ View travel history](#)

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YOUR EMAIL**SUBMIT****MORE OPTIONS**

Manage Delivery



Shipment facts

 Shipment overview**TRACKING NUMBER** 773311201458**DELIVERED TO** Receptionist/Front Desk**SHIP DATE**  9/7/23**STANDARD TRANSIT**  9/11/23 before 5:00 PM**ACTUAL DELIVERY** 9/11/23 at 9:52 AM Services**SERVICE** FedEx 2Day**TERMS** Shipper**SPECIAL HANDLING SECTION** Deliver Weekday Package details**WEIGHT** 1 lbs / 0.45 kgs**DIMENSIONS** 11x14x2 in.**TOTAL PIECES** 1**TOTAL SHIPMENT WEIGHT** 1 lbs / 0.45 kgs**PACKAGING** FedEx Envelope[↑ Back to top](#)

Travel history

Ascending

Local Scan Time

ORIGIN ID:GFLA (585) 230-7891
MARK FUENTES
AIROSMITH DEVELOPMENT INC.
318 WEST AVENUE
SARATOGA SPGS, NY 12866
UNITED STATES US

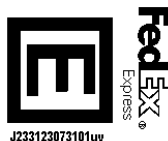
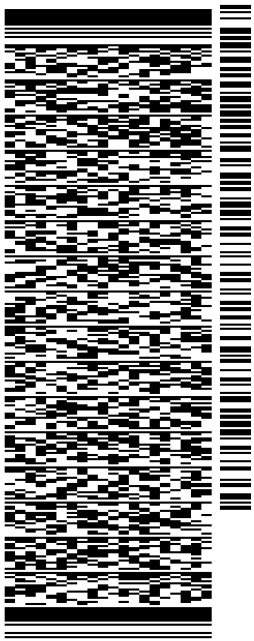
SHIP DATE: 07SEP23
ACTWGT: 1.00 LB
CAD: 10763113JNET4640

BILL SENDER

TO ISABELLE KISLUK - ZONING ENFORCEMEN
TOWN OF COLCHESTER
127 NORWICH AVENUE

COLCHESTER CT 06415

(860) 537-1278 REF: P50669 QLQH-COLCHESTER CT
INV: DEPT:



J233123073101uv

583J3/CEED9AE3

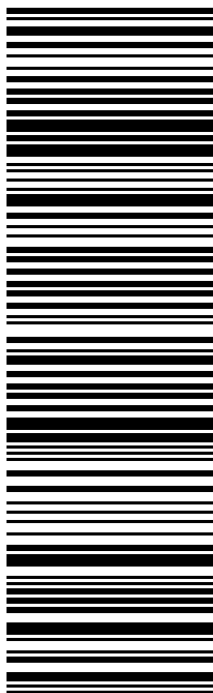
TRK# 7733 1135 6230
#0201

MON - 11 SEP 5:00P

** 2DAY **

SE SKKA

06415
CT-US BDL



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FedEx® Tracking

**DELIVERED**

Monday

9/11/23 at 9:52 AM

Signed for by: K.FORTIER

[↓ Obtain proof of delivery](#)**DELIVERY STATUS**

Delivered

TRACKING ID

773311356230

FROM

SARATOGA SPGS, NY US

Label Created

9/5/23 3:22 PM

WE HAVE YOUR PACKAGE

MENANDS, NY

9/7/23 4:08 PM

IN TRANSIT

NORWICH, CT

9/11/23 7:47 AM

OUT FOR DELIVERY

NORWICH, CT

9/11/23 7:53 AM

DELIVERED

COLCHESTER, CT US

Delivered

9/11/23 at 9:52 AM

[↓ View travel history](#)

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Manage Delivery



Shipment facts

 Shipment overview**TRACKING NUMBER** 773311356230**DELIVERED TO** Receptionist/Front Desk**SHIP DATE**  9/7/23**STANDARD TRANSIT**  9/11/23 before 5:00 PM**ACTUAL DELIVERY** 9/11/23 at 9:52 AM Services**SERVICE** FedEx 2Day**TERMS** Shipper**SPECIAL HANDLING SECTION** Deliver Weekday Package details**WEIGHT** 1 lbs / 0.45 kgs**DIMENSIONS** 13x11x3 in.**TOTAL PIECES** 1**TOTAL SHIPMENT WEIGHT** 1 lbs / 0.45 kgs**PACKAGING** FedEx Envelope[↑ Back to top](#)

Travel history

Ascending

Local Scan Time

ORIGIN ID:GFLA (585) 230-7891
MARK FUENTES
AIROSMITH DEVELOPMENT INC.
318 WEST AVENUE

SARATOGA SPGS, NY 12866
UNITED STATES US

SHIP DATE: 07SEP23
ACTWGT: 1.00 LB
CAD: 10763113/IN/ET4640

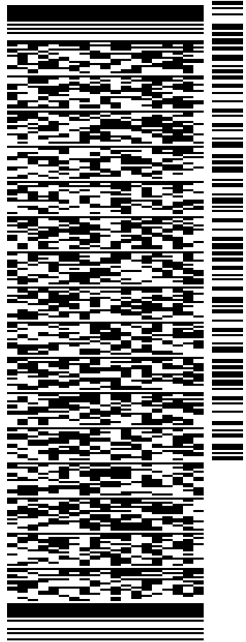
BILL SENDER

TO COLCHESTER REALTY LLC

2 CENTRAL AVENUE

NEW HARTFORD CT 06057

(860) 738-2222 REF: P-50669 QLQH-COLCHESTER CT
INV: DEPT:
PO:



583J3/CEED9AE3

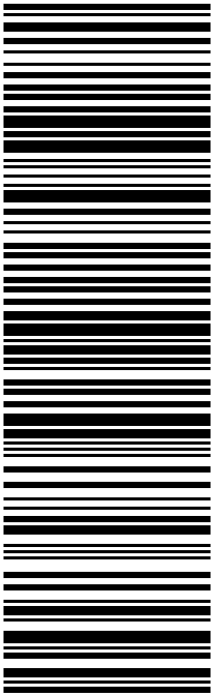
TRK# 7733 1152 6450
0201

MON - 11 SEP 5:00P

** 2DAY **

SE HFDA

06057
CT-US BDL



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FedEx® Tracking

**DELIVERED**

Wednesday

13/09/2023 at 14:46

Signed for by: M.GOLAC

[↓ Obtain proof of delivery](#)**DELIVERY STATUS**

Delivered

TRACKING ID

773311526450

FROM

SARATOGA SPGS, NY US

Label Created

05/09/2023 15:30

WE HAVE YOUR PACKAGE

MENANDS, NY

07/09/2023 16:08

IN TRANSIT

WATERTOWN, CT

13/09/2023 08:17

OUT FOR DELIVERY

WATERTOWN, CT

13/09/2023 08:19

DELIVERED

NEW HARTFORD, CT US

Delivered

13/09/2023 at 14:46

[↓ View travel history](#)

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Manage Delivery



Shipment facts

 Shipment overview**TRACKING NUMBER** 773311526450**DELIVERED TO** Receptionist/Front Desk**SHIP DATE**  07/09/2023**STANDARD TRANSIT**  11/09/2023 before 17:00**ACTUAL DELIVERY** 13/09/2023 at 14:46 Services**SERVICE** FedEx 2Day**TERMS** Shipper**SPECIAL HANDLING SECTION** Deliver Weekday Package details**WEIGHT** 1 lbs / 0.45 kgs**TOTAL PIECES** 1**TOTAL SHIPMENT WEIGHT** 1 lbs / 0.45 kgs**PACKAGING** FedEx Envelope[↑ Back to top](#)

Travel history

Ascending

Local Scan Time