

Matt Burke

16 Chestnut Street, Suite 220 Foxboro, MA 02035 Tel (508) 930-0974 Fax (774) 215-5423

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

Re: Notice of Exempt Modification - Emergency Backup Generator 400 Riley Mountain Road, Coventry, CT 06238 (FA# 10035434)

Dear Ms. Bachman:

American Telephone and Telegraph Company ("AT&T") currently maintains a wireless telecommunications facility at the above referenced address. AT&T's facility consists of antennas at the 120' level of an existing 150' tower and a 12' x 20' equipment shelter. The tower and AT&T's shelter are located within an existing, fenced-in compound area. AT&T does not currently maintain a generator at this cell site.

In an effort to further enhance multiple tenants' network reliability, AT&T intends to modify its facility by installing a new diesel-fueled generator outside in a designated 4' x 8' ground space. The generator incorporates a built-in fuel tank as part of the unit. The diesel fuel tanks are double walled for added safety and will be filled by a licensed fuel filling company. The proposed modification will remain within the existing fenced compound and within the limits of the lease area. The new generator and tank with be surrounded by a security fence and gate. (See Facility Compound Plan attached).

Please accept this letter as notification pursuant to R.C.S.A Section 16-50j-73, for construction that constitutes modification pursuant to R.C.S.A Section 16-50j-72(b)(2). In accordance with R.C.S.A Section 16-50j-73, a copy of this submission is being sent to the Town of Coventry. A copy of this submission is also being sent to James and Concetta Wallbeoff, trustees for the landowners of this site.

AT&T's Proposed Wireless Modifications Constitute An "Exempt Modification"

The proposed modification to the above mentioned Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

1) The proposed modification will not result in an increase in the height of the existing tower.

- 2) The generator and attached fuel tank will remain entirely within the limits of the leased area. The modifications therefore, will not require the extension of the boundary.
- 3) The proposed modification does not increase the noise levels at the boundary by six (6) decibels or more under normal conditions. Proposed modification is only used during emergency power failure.
- 4) The installation of a new generator and attached fuel tank will not change, in any way, radio frequency (RF) emissions at the facility.
- 5) The facility has received all municipal zoning approvals and building permits. (Regs., Conn. State Agencies Section 16-50j-72))

For all the foregoing reasons, American Telephone and Telegraph Company respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A Section 16-50j-72(b)(2)

Respectfully submitted,

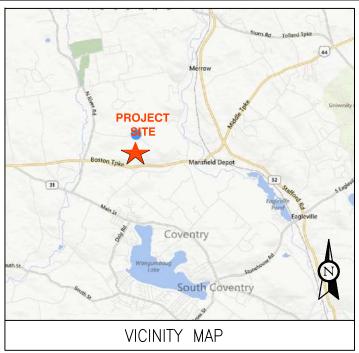
Matt Burke (508)930-0974

On behalf of AT&T c/o Tower Resource Management, Inc. 16 Chestnut Street, Suite 220 Foxboro, MA 02035

cc: **Town of Coventry, CT**James and Concetta Wallbeoff

Exhibit 1

Site Plan





BACKUP POWER PROJECT

SITE IDENTIFICATION:

SITE NUMBER: 10035434 SITE NAME: COVENTRY

SITE ADDRESS: 400 RILEY MOUNTAIN ROAD

COVENTRY, CT 06238



CONTRACTOR TO VERIFY EXISTING MUX LOCATION. IF MUX LOCATION IS OUTSIDE OF AT&T EQUIPMENT AREA, CONTRACTOR IS TO FIELD VERIFY THE PRESENCE OF EMERGENCY BACK-UP SERVICE TO THE MUX. IF

EMERGENCY BACK-UP SERVICE IS NOT PRESENT. CONTRACTOR IS TO

ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

FRAMINGHAM, MA 01701-4681

Sabre Industries 13010 MORRIS ROAD, 6TH FLOOR, BLDG 1

ENGINEERING GROUP, P.C. Civil Engineering - Site Development **Surveying - Telecommunications** 500 NORTH BROADWAY EAST PROVIDENCE, RI 02914 PH: 401-354-2403 FAX:

TOWER RESOURCE MANAGEMENT

16 CHESTNUT STREET, SUITE 220. FOXBORO, MA 02035 WWW.TRMCOM.COM

401-633-6354

SITE NUMBER:

10035434

COVENTRY

SITE ADDRESS: 400 RILEY MOUNTAIN RD COVENTRY, CT 06238

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TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION

| SHEET NUMBER: | REV. # |
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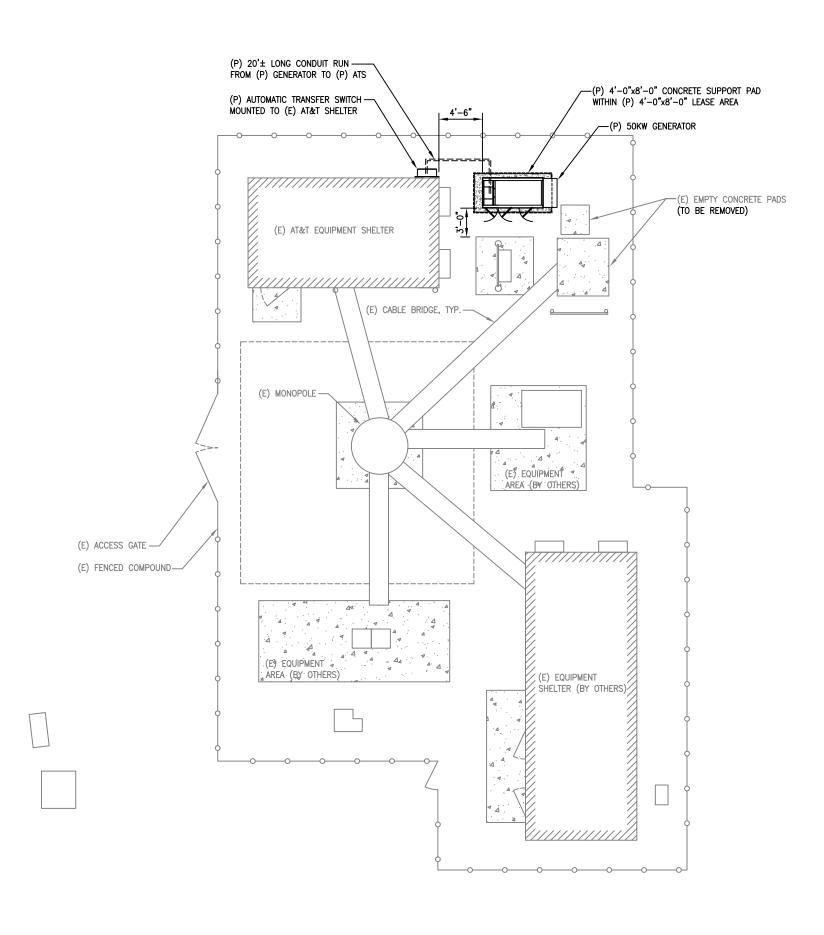
PROJECT DESCRIPTION:

THE PROPOSED PROJECT INCLUDES PLACING A 50 KW GENERATOR IN AN EXISTING CELLULAR TOWER COMPOUND.

PROJECT TEAM PROJECT SUMMARY PROJECT NOTES SHEET INDEX SHT ENGINEER GEOGRAPHIC COORDINATES: **DESCRIPTION:** REV: DATE: BY: THE FACILITY IS UNMANNED. NO: ADVANCED ENGINEERING GROUP, P.C. LATITUDE: 41° 47' 56" N 500 NORTH BROADWAY A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE LONGITUDE: 72° 19' 56" W EAST PROVIDENCE, RI 02914 T-1 TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION 12-13-2013 JG A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. TEL: 401-354-2403 CODE BLOCK: THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT COMPOUND PLAN 12-13-2013 A-1 1 JG **CUSTOMER REPRESENTATIVE:** LAND DISTURBANCE OR EFFECT OF STORM WATER SABRE INDUSTRIES CONCRETE PAD DETAILS A-2 12-13-2013 JG 2009 INTERNATIONAL BUILDING CODE PEGGY POOR MARKET LEAD — AT&T NE GENERATOR PROGRAM 13010 MORRIS ROAD, 6TH FLOOR, BLDG 1 4. NO SANITARY SEWER, POTABLE WATER OR TRASH E-1 WIRING DIAGRAM & SIZING CHARTS 12-13-2013 JG 1 DISPOSAL AS REQUIRED ALPHARETTA, GA 30004 ELECTRICAL & ATS MOUNTING DETAILS E-2 12-13-2013 JG CELL 770-990-0137 5. HANDICAP ACCESS IS NOT REQUIRED. GROUNDING DETAILS G-1 12-13-2013 JG LANDLORD: PROJECT LOCATION DIRECTIONS CROWN CASTLE USA 2000 CORPORATE DR CANONSBURG, PA 15317 DEPART RT-30 W / COCHITUATE RD TOWARD BURR ST TURN BACK ON RT-30 E / COCHITUATE RD **UTILITIES:** TAKE RAMP RIGHT FOR I-90 WEST TOWARD WORCESTER / **POWER COMPANY:** SPRINGFIELD AT EXIT 9, TAKE RAMP RIGHT FOR I-84 TOWARD NEW NORTHEAST UTILITIES (NU) YORK CITY / HARTFORD P.O. BOX 270 STOP FOR TOLL BOOTH HARTFORD, CT 06141-0270 AT EXIT 69, TAKE RAMP RIGHT FOR CT-74 TOWARD PHONE: 1-800-286-5000 TURN LEFT ONTO CT-74 / TOLLAND TPKE KEEP RIGHT ONTO PHELPS WAY BEAR RIGHT ONTO CT-32 / RIVER RD TURN RIGHT ONTO US-44 / BOSTON TPKE / MIDDLE TURN RIGHT ONTO N RIVER RD TURN RIGHT ONTO RILEY MOUNTAIN RD LINPAVED ROAD ARRIVE AT 400 RILEY MOUNTAIN RD, COVENTRY, CT 06238



THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND FCC REGULATORY REQUIREMENTS.

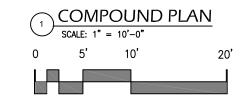


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NOTES:

A SITE VISIT/SURVEY WAS NOT CONDUCTED BY
ADVANCED ENGINEERING GROUP, P.C.
SITE INFORMATION AND PLANS ARE BASED UPON
INFORMATION PROVIDED BY CLIENT







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550 COCHITUATE ROAD, SUITE 13 & 14 FRAMINGHAM, MA 01701-4681



ALPHARETTA, GA 30004

SITE NUMBER:

10035434

SITE NAME:

COVENTRY

SITE ADDRESS: 400 RILEY MOUNTAIN RD COVENTRY, CT 06238

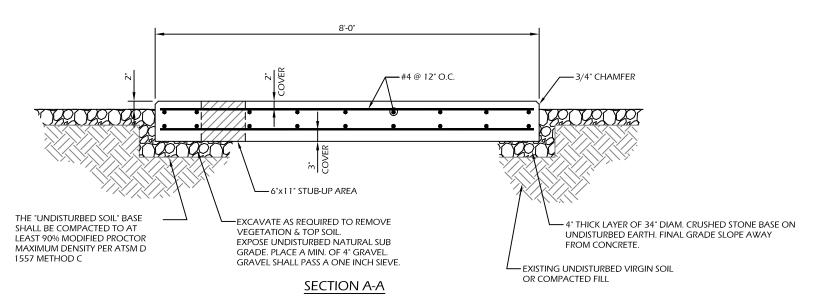
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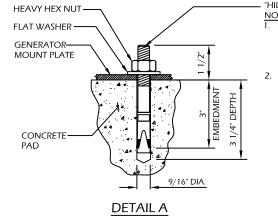
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COMPOUND PLAN

| | SHEET | NUMBER: | REV. # |
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- "HILTI" KWIK BOLT 3 EXPANSION ANCHOR

- BOLTS CAN BE INSTALLED 2 DAYS AFTER
 POURING CONCRETE PROVIDED THE KWIK
 BOLTS ARE ONLY TIGHTENED TO A SNUG
 TIGHT CONDITION.
- . APPLY "HILTI" HIT-RE 500-SD EPOXY TO ALL GAPS TO PREVENT WATER/MOISTURE BUILD-UP.



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A M. AC LOAD LEAD CONDUIT CONNECTION POINTS FOR CONTROL WIRES OUTLINE OF GENERATOR

PLAN VIEW

ANCHOR BOLT

(TYP) (4) PER SIDE

8'-0"

11 1/2"

11"

CONCRETE PAD CONSTRUCTION NOTES

- 1. ALL REBAR (HORIZONTAL & VERTICAL) SHALL BE SECURELY WIRE TIED TO PREVENT DISPLACEMENT DURING POURING OF CONCRETE.
- 2. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
- 3. REINFORCED CONCRETE CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH ACI STANDARDS 318.
- 4. MINIMUM CONCRETE COVER OVER REBAR IS 2 1/2".
- 5. REINFORCING MATERIAL SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATION A615-85.

CONCRETE PAD AND EMBEDMENT TOLERANCES

- 1. CONCRETE DIMENSIONS: PLUS OR MINUS 1/4".
- 2. REINFORCING STEEL PLACEMENT: PLUS OR MINUS 1/4" INCLUDING CONCRETE COVER.

NOTES

- 1. FOUNDATION WAS DESIGNED BY ASSUMING ALLOWABLE SOIL BEARING CAPACITY OF 1000 PSI. THE SOIL BEARING CAPACITY FOR EACH SITE MUST BE VERIFIED USING THE SITE SPECIFIC GEOTECH REPORT. IF SHALLOW GROUNDWATER (≤3 FT.) WAS REPORTED, A FURTHER REVIEW OF THE DESIGN OR SPECIAL DESIGN MAY BE REQUIRED.
- 2. THE SOIL UNDERNEATH THE CONCRETE PAD MUST BE FREE OF ORGANIC MATTER OR OTHER DELETERIOUS SUBSTANCES, AND SHOULD BE COMPACTED AND LEVELED BEFORE PLACING THE FOUNDATION.
- 3. CONCRETE SLUMPS: 1"~3".
- 4. CONCRETE VOLUME: 2.4 CUBIC YARDS.

DESIGN

1. MAXIMUM DESIGN BASIC WIND SPEED (3-SECOND GUST): 155 MPH FOR GENERATOR MODELS SD050 AND SD080.

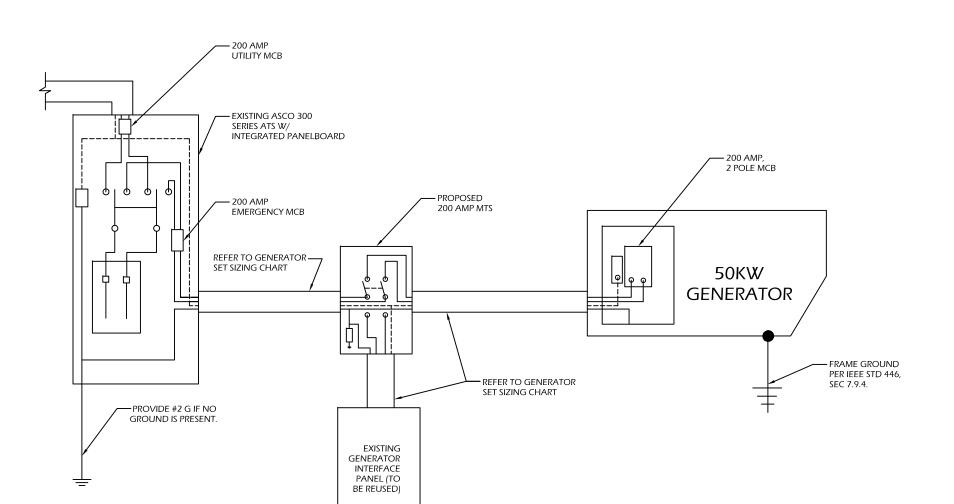
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CONCRETE PAD DETAILS

SHEET NUMBER: REV. #



- ALL UNDERGROUND CABLE TO BE BURIED AT 36" MIN. SHIELD TAPED AT 12" AND STUBBED OUT OF GROUND IN SCH 40 PVC
- 2. LOW VOLTAGE CONTROL WIRE PROVIDED BY MONITORING PROVIDER IN SEPARATE 1/2" CONDUIT FROM ATS TO GENERATOR.
- 3. BTS SITES: THE TENANT CONTRACTOR TO COMPLETE CUSTOMER ELECTRICAL CONDUIT TO CUSTOMER METER PER STANDARD COLLOCATION INSTALL.
- TENANT CONTRACTOR HAS NOTHING TO INSTALL OR COMPLETE FOR ATC SHARED GEN DURING CUSTOMER COLLOCATION ON ATC
- 5. ATC SHARED GEN INSTALL IS COMPLETED AFTER CUSTOMER TOWER COLLOCATION IS COMPLETE WITH LOAD ON CUSTOMER METER.
- ALL CONDUCTORS ARE SIZED FOR COPPER, BUT ALUMINUM CONDUCTORS ARE ALLOWED FOR FEEDERS PROVIDED THEY ARE UPSIZED PER NEC TABLE 310.16.
- 7. ALL ELECTRICAL WORK SHALL BE PER THE NATIONAL ELECTRICAL CODE (NFPA 70) AND ALL APPLICABLE LOCAL CODES.
- MAINTAIN 36" CLEAR WORKSPACE IN FRONT OF METER, TRANSFER SWITCH, GENERATOR, PANELS, ETC.
- 800A PANEL HAS A COMMON NEUTRAL BUS. NEUTRALS BACK TO EACH CARRIER METER ARE SIZED ACCORDING TO THE DISTRIBUTION PANEL BRANCH BREAKER RATING. NEUTRAL IS BONDED AT THE PRIMARY SERVICE MAIN BONDING JUMPER ONLY.
- 10. GENERATOR CONTROLS AND SENSORS SHALL HAVE GFCI SENSING CAPABILITY PER NEC 700-6(D).

SINGLE CARRIER WIRING DIAGRAM

| FEEDER SIZING CHART FOR GENERATOR | | | | | |
|-----------------------------------|-----------------|---------------------------|---|---|--|
| GEN SET SIZE | VOLTS - PHASE | PRIME RATING KW - AMPS | SIZE OF INLINE BREAKER (AT GENERATOR) | MAIN BREAKER SIZE SERVING ANCHOR TENANT: | FEEDER SIZES FROM GEN SET BREAKER TO DISTRIBUTION PANEL / ATS. |
| 50KW | 120/240V - 1-PH | 48KW - 200A | 200A | 200A 2-P C/B INTEGRAL TO GEN SET | 3#3/0, 1#6G, IN 2°C |

NOTES:

- 1. SERVICE VOLTAGE FOR EACH CARRIER IS 120/240 1-PHASE. AND SERVICE SIZES ARE TYPICAL 200A PER CARRIER.
- 2. DISTRIBUTION PANEL IS 800A, 120/240V 1-PHASE, WITH 200A C/B FOR THE LISTED CARRIER OUTPUT. PANEL HAS (3) 200A BREAKER SPACES
- 3. AUTOMATIC TRANSFER SWITCH (ATS) ARE 200A 2-POLES, 120/240V 1-PHASE WITH SOLID NEUTRAL PER CARRIER.
- 4. ALL ELECTRICAL EQUIPMENT IS NEMÁ 3R RATED.
- 5. THE GENERATOR ELECTRICAL LOADS ARE ADEQUATE FOR THE CONNECTED LOADS.
- 6. ALL EQUIPMENT FURNISHED SHALL BE PROVIDED WITH EQUIPMENT RATED TO WITHSTAND FAULT CURRENT AVAILABLE AT PROJECT SITE.
 7. ALL WIRE AND PANEL BUSSING SHALL BE COPPER UNLESS ALLOWED ELSEWHERE IN THIS DOCUMENT SET, WIRE SIZES ARE BASED ON COPPER.
- 8. A NEW SET OF PLANS WILL BE PROVIDED AND SUBMITTED FOR ADDITIONAL CARRIERS.
- 9. ALL WORK SHALL CONFORM WITH THE CURRENT VERSION OF THE NEC AND ALL OTHER APPLICABLE CODES.
- 10. FIRST OVER-CURRENT PROTECTION DEVICE IS INTEGRAL TO GENERATOR. FEEDER SIZES INDICATED IN TABLE ABOVE ARE DOWNSTREAM OF THE FIRST OVER-CURRENT PROTECTION DEVICE.
- 11. INLINE BREAKER AT GENERATOR IS FACTORY INSTALLED, AND IS THE MANUFACTURER'S RECOMMENDED SIZE.





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13010 MORRIS ROAD, 6TH FLOOR, BLDG 1

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COVENTRY

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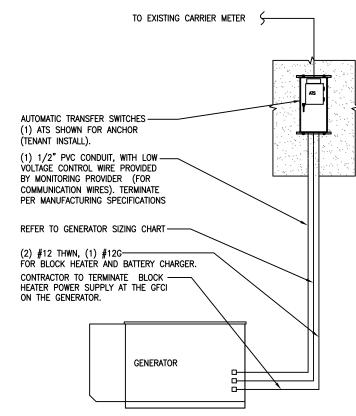
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SHEET TITLE:

WIRING DIAGRAM & SIZING CHARTS

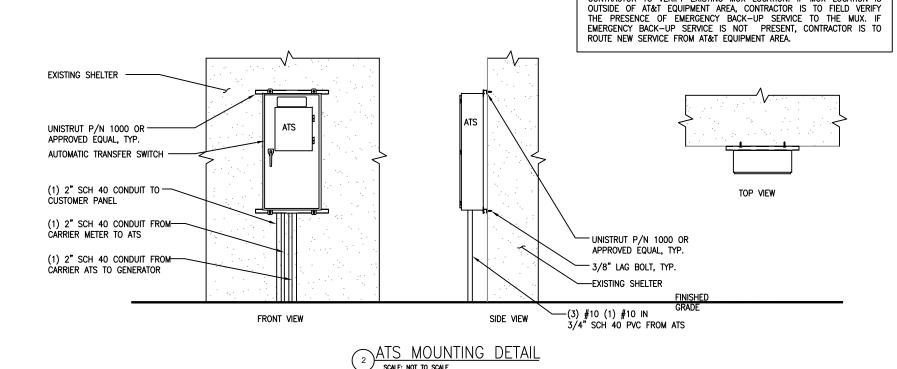
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NOTE: UTILITY POWER FEEDS SHALL BE CONNECTED TO THE TRANSFER SWITCH FROM THE LOAD SIDE OF THE EXISTING SERVICE DISCONNECT. NO MODIFICATIONS SHALL BE MADE ON THE LINE SIDE OF THE EXISTING SERVICE DISCONNECT.



DISCONNECT POWER FEED FROM EXISTING METER TO EXISTING SHELTER. ROUTE NEW FEEDERS (SIZED BELOW) FROM METER TO NEW TRANSFER SWITCH AND BACK. RECONNECT NEW RETURN FEED FROM TRANSFER SWITCH TO SUPPLY POWER (UTILITY AND BACK—UP POWER) TO EXISTING SHELTER.

METER CONFIGURATION





CONTRACTOR TO VERIFY EXISTING MUX LOCATION. IF MUX LOCATION IS

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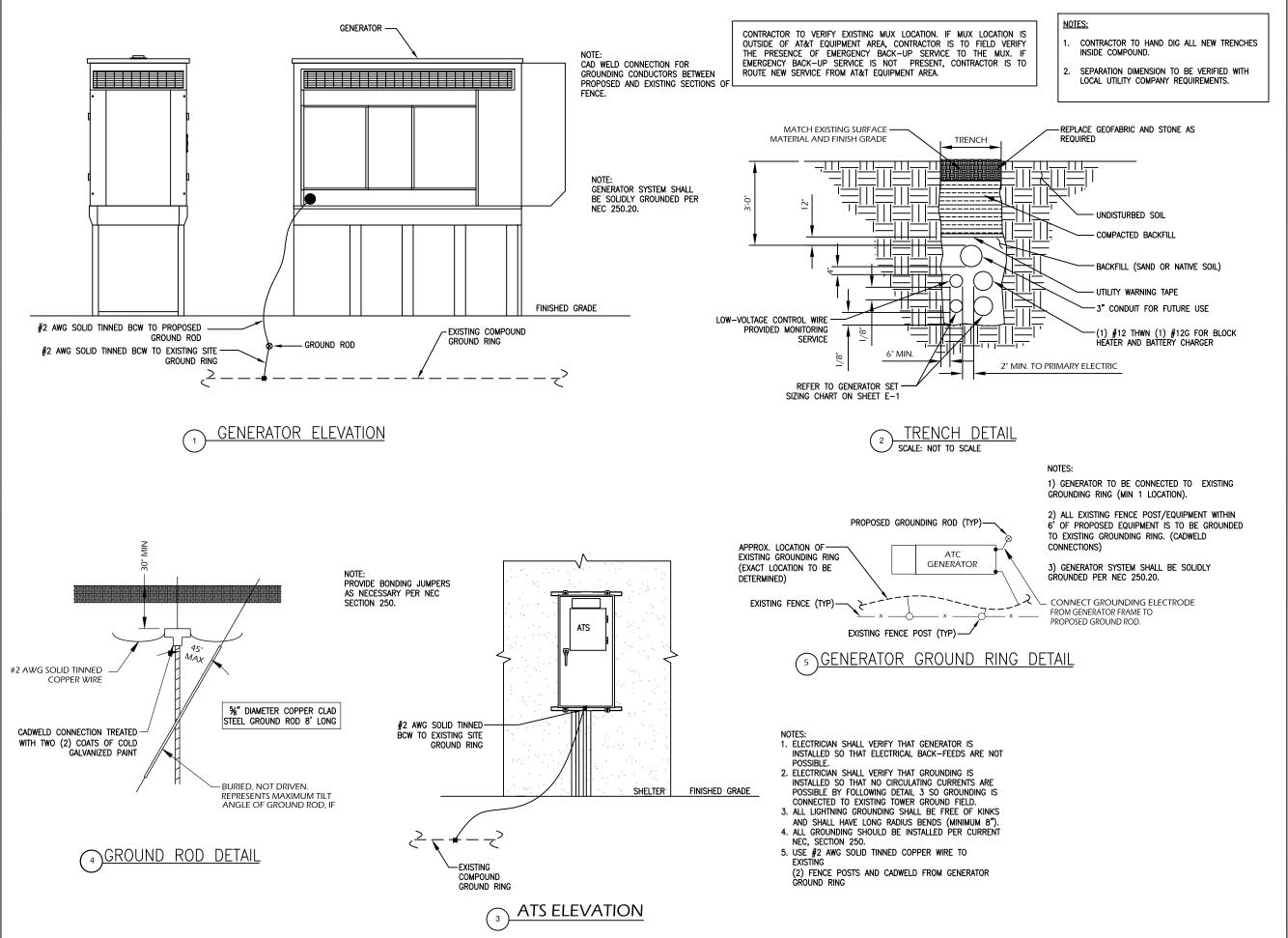
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SHEET TITLE:

ELECTRICAL & ATS MOUNTING DETAILS

| SHEET NUMBER: | REV. # |
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| E-2 | 1 |



GADVANCED ENGINEERING GROUP, P.C

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SHEET TITLE:

GROUNDING DETAILS

SHEET NUMBER: REV. #