



Salvatore D. Ianiero

**EM-AT&T-036-140127**

16 Chestnut Street, Suite 220  
Foxboro, MA 02035  
Tel (401) 533-0728  
Fax (774) 215-5423

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

**RECEIVED**  
JAN 27 2014  
CONNECTICUT  
SITING COUNCIL

Re: **Notice of Exempt Modification - Emergency Backup Generator**  
**FA#: 10070998/ 15 Pent Road, Deep River, CT 06417/ Project Code: 2051691257**

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 160' mark of the existing 178' tower and an existing AT&T equipment area. The tower and AT&T's area are located within an existing lease area. The shelter houses AT&T's equipment and space for a back-up generator. 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 generator outside in a designated 5' x 11' 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 within the limits of the existing lease area. The new generator and tank will 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 Deep River. A copy of this submission is also being sent to Robert R. Stalsburg Jr., the property owner on which the tower is located.

**ATCs' Proposed Wireless Modifications Constitutes 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 therefor, 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,

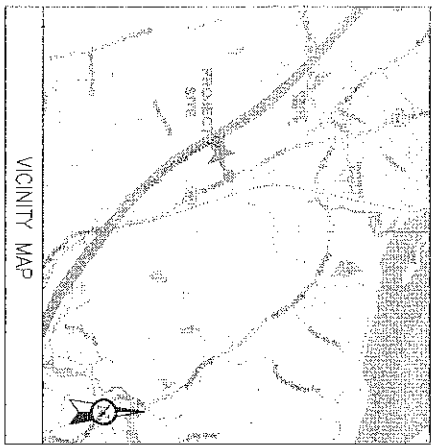
  
Sal Ianiero 401-533-0728

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

cc: **Town of Deep River, CT**  
**Robert R. Stalsburg Jr.**

Exhibit 1

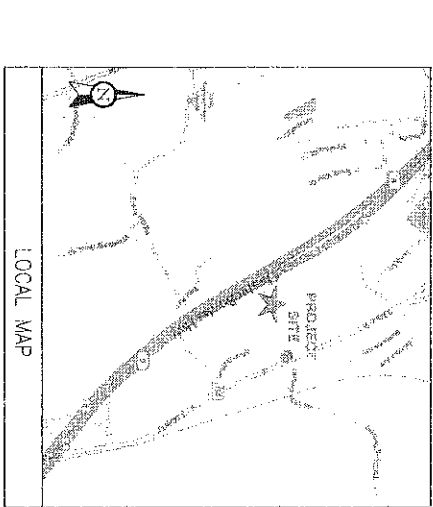
Site Plan



**BACKUP POWER PROJECT**

**SITE IDENTIFICATION:**

SITE NUMBER: 10070998  
 SITE NAME: DEEP RIVER EAST  
 SITE ADDRESS: 15 PENT ROAD  
 DEEP RIVER, CT 06417



**Know what's below.**  
 Call before you dig.

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

**PROJECT DESCRIPTION:**

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

CONTRACTOR TO VERIFY EXISTING UTIL LOCATION. IF UTIL LOCATION IS UNUSUAL OR ALTER EQUIPMENT AREA, CONTRACTOR IS TO FIELD VERIFY TO BE SURE. CONTRACTOR TO VERIFY ALL UTILS ARE NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM ALTER EQUIPMENT AREA.

PROJECT TEAM		PROJECT SUMMARY		PROJECT NOTES		SHEET INDEX																																				
<b>ENGINEER</b> ADVANCED ENGINEERING GROUP, P.C. 300 NORTH BROADWAY, SUITE 1200 NEWTON, MA 02459 TEL: 617-552-4400		<b>GEOGRAPHIC COORDINATES:</b> LATITUDE: 41° 22' 27" N LONGITUDE: 72° 57' 04" W <b>CODE BLOCK:</b> BUILDING CODE: 2309 INTERNATIONAL BUILDING CODE		<b>OWNER REPRESENTATIVE:</b> SAGE INDUSTRIES 12010 ALBERTS ROAD, 6TH FLOOR, BLDG 1 WAREHOUSES, CA 95064 TEL: 925-880-0137		<b>PROJECT LOCATION DIRECTIONS:</b> DEPART RT-30 W / COUCHMAN RD TOWARD BURR ST TURN BACK ON RT-30 E / COUCHMAN RD TAKE RAMP RIGHT FOR I-90 WEST TOWARD WORCESTER / SPRINGFIELD TAKE RAMP RIGHT FOR I-90 SOUTH TOWARD ANDOVER / 2 TAKE RAMP RIGHT FOR I-90 SOUTH TOWARD STOP FOR TOLL BOOTH KEEP STRAIGHT ONTO I-93 S / GOVERNOR JOHN DAVIS LODGE TRG ON I-93 TAKE RAMP RIGHT FOR CT-154 NORTH TOWARD CT-154 / 2 TAKE RAMP RIGHT FOR CT-154 TOWARD MODERNEY TRG TURN LEFT ONTO CT-104 / S MAIN ST TURN LEFT ONTO RT-203 / DEEP RIVER ARIVE AT 15 PENT RD, DEEP RIVER, CT 06417		<b>SHEET NO.</b> <b>DESCRIPTION:</b> <b>REV.</b> <b>DATE:</b> <b>BY:</b>																																		
<b>LANDLORD:</b> STATE OF CONNECTICUT 2000 COMPAGNE DR CONNORSBURG, PA 15117		<b>UTILITIES:</b> EVERETT COMPANY WYCKOFF UTILITIES (NU) P.O. BOX 270 1000 W. STATE ST. PRINCETON, NJ 08542-0270 PHONE: 1-800-988-5500		<b>PROJECT DESCRIPTION:</b> 1. THE FACILITY IS UNUSUAL. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, PORTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED.		<table border="1"> <thead> <tr> <th>SHEET NO.</th> <th>DESCRIPTION:</th> <th>REV.</th> <th>DATE:</th> <th>BY:</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> <tr> <td>2</td> <td>GROUND PLAN</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> <tr> <td>3</td> <td>CONCRETE PAD DETAILS</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> <tr> <td>4</td> <td>WIRING DIAGRAM &amp; SIZING CHARTS</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> <tr> <td>5</td> <td>ELECTRICAL &amp; ANS WIRING DETAILS</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> <tr> <td>6</td> <td>GROUNDING DETAILS</td> <td>2</td> <td>0-11-2014</td> <td>JG</td> </tr> </tbody> </table>		SHEET NO.	DESCRIPTION:	REV.	DATE:	BY:	1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION	2	0-11-2014	JG	2	GROUND PLAN	2	0-11-2014	JG	3	CONCRETE PAD DETAILS	2	0-11-2014	JG	4	WIRING DIAGRAM & SIZING CHARTS	2	0-11-2014	JG	5	ELECTRICAL & ANS WIRING DETAILS	2	0-11-2014	JG	6	GROUNDING DETAILS	2	0-11-2014	JG
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**at&t**

CONVERGENT NETWORK SOLUTIONS  
 180-5000 WILSON ROAD, SUITE 1200  
 FORT WORTH, TEXAS 76150  
 WWW.ATANDT.COM

**TRM**

TRM CONSULTANTS  
 180-5000 WILSON ROAD, SUITE 1200  
 FORT WORTH, TEXAS 76150  
 WWW.TRMCONSULTANTS.COM

**ADVANCED ENGINEERING GROUP, P.C.**

Civil Engineering • Site Development  
 Site Planning • Telecommunications  
 500 NORTH BROADWAY  
 SUITE 1200  
 NEWTON, MA 02459  
 TEL: 617-552-4400 FAX: 617-552-4401

**Sabre Industries**

12010 ALBERTS ROAD, SUITE 1200  
 WAREHOUSES, CA 95064  
 TEL: 925-880-0137

SITE NAME: DEEP RIVER EAST

SITE NUMBER: 10070998

SITE ADDRESS: DEEP RIVER, CT 06417

STATE OF CONNECTICUT  
 PROFESSIONAL ENGINEER  
 162-28007  
 [Signature]

STAMP HERE:

DESIGNED BY: JIS

CHECKED BY: SMA

DATE: 01-11-14

JOB NO: 10070998

SHEET TITLE: TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION

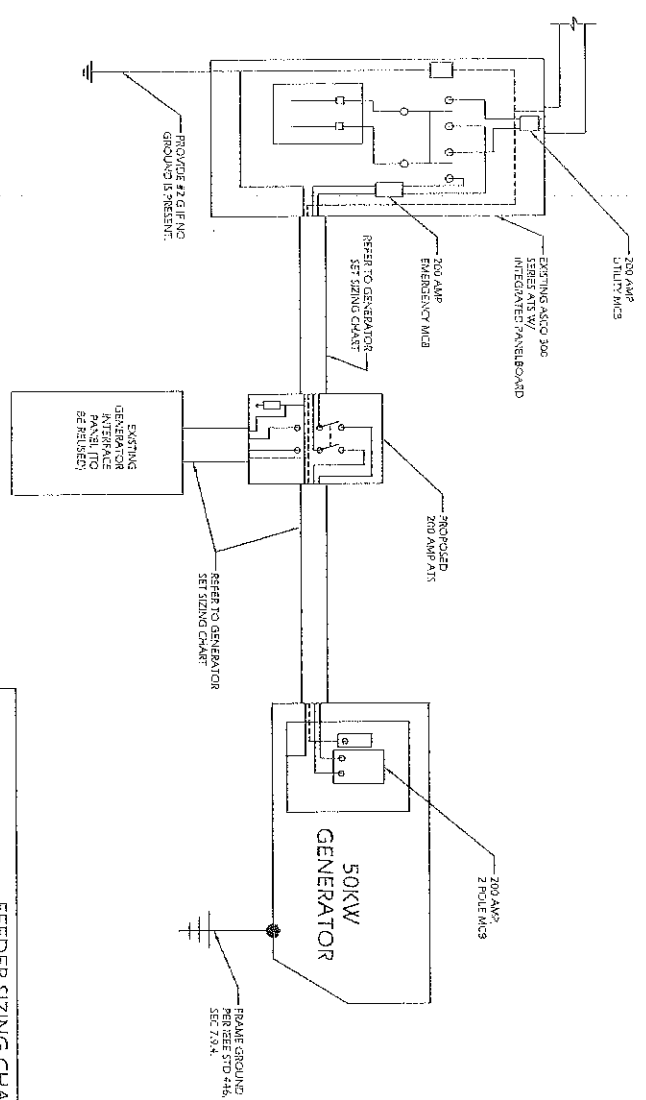
SHEET NUMBER: T-1

REV: /

2







**1 SINGLE CARRIER WIRING DIAGRAM**  
SCALE: NOT TO SCALE

**FEEDER SIZING CHART FOR GENERATOR**

GEN SET SIZE	VOLTS - PHASES	FRAME RATING KW - AMPS	SIZE OF RAISE GENERATION	MAIN BREAKER SIZE SIZING AND/OR TYPICAL TO GEN SET	FEEDER SIZES FROM GEN SET PER IEEE 240-2004 DISTRIBUTION PANEL/ATS
50KW	200/240V - 1PH-3	48KW - 230A	200A	200A 250/250A INTEGRAL TO GEN SET	300/300, 180/300, 90/200

- NOTES:**
1. SERVICE VOLTAGE FOR EACH CARRIER IS 120/240 1-PHASE AND SERVICE SIZES ARE TYPICAL 200A PER CARRIER.
  2. DISTRIBUTION PANELS US 800A, 120/240V 1-PHASE, WITH 200A CB FOR THE LISTED CARRIER OUTPUT. PANEL HAS IS 200A BREAKER SPACES.
  3. AUTOMATIC TRANSFER SWITCH (ATS) ARE 200A 2-POLE, 120/240V 1-PHASE WITH SOLID NEUTRAL PER CARRIER.
  4. ALL ELECTRICAL EQUIPMENT IS TO BE INSTALLED FOR THE CONNECTED LOAD.
  5. ALL ELECTRICAL EQUIPMENT IS TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
  6. ALL EQUIPMENT FURNISHED SHALL BE PROVIDED WITH EQUIPMENT RATED TO WITHSTAND FAULT CURRENT AVAILABLE AT PROJECT SITE.
  7. ALL WIRE AND PANEL BUSING SHALL BE COVERED UNLESS ALLOWED OTHERWISE IN THIS DOCUMENT SET. WIRE SIZE ARE BASED ON COPPER.
  8. A NEW SET OF PLANS WILL BE PROVIDED AND SUBMITTED FOR APPROVAL BY THE LOCAL PERMITS DEPARTMENT.
  9. FIRST OVER-CURRENT PROTECTION DEVICE IS TYPICAL TO GENERATOR. REFER SIZES INDICATED IN TABLE ABOVE ARE DOWNSTREAM OF THE FIRST OVER-CURRENT PROTECTION DEVICE.
  10. MAIN BREAKER AT GENERATOR IS FACTORY INSTALLED AND IS THE MANUFACTURER'S RECOMMENDED SIZE.
  11. MAIN BREAKER AT GENERATOR IS FACTORY INSTALLED AND IS THE MANUFACTURER'S RECOMMENDED SIZE.

CONTRACTOR TO VERIFY EXISTING MUX LOCATION. IF MUX LOCATION IS OUTSIDE OF HEAT 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, CONNECTION IS TO BE MADE FROM SERVICE FROM MUX TO EQUIPMENT AREA.

1. ALL UNDERGROUND CABLE TO BE BURIED AT 36" MIN. SHIELD CONDUIT. 1" AND STUBBED OUT ON SHEDDING END 45" PVC.
2. LOW VOLTAGE CONTROL WIRE PROVIDED BY MONITORING PROVIDER IN SEPARATE 1/2" CONDUIT FROM ATS TO GENERATOR. BITS SIZES: THE TENANT CONTRACTOR TO COMPLETE CUSTOMER ELECTRICAL CONDUIT TO CUSTOMER METER PER STANDARD CONNECTION INSTALL.
3. TENANT CONTRACTOR HAS NOTIFYING TO INSTALL OR COMPLETE FOR ATS SPARED GEN. DURING CUSTOMER COLLOCATION ON ATS TOWER.
4. ALL CONDUCTORS ARE GEEB FOR COPPER, BUT ALUMINUM CONDUCTORS ARE ALLOWED FOR FEEDERS PROVIDED THEY ARE UPGRADED PER NEC TABLE 310.16.
5. ALL ELECTRICAL WORK SHALL BE PER THE NATIONAL ELECTRICAL CODE (NEC) 90 AND ALL APPLICABLE LOCAL CODES.
6. MAINTAIN 36" CLEAR WORKSPACE IN FRONT OF METER TRANSFER SWITCH, GENERATOR, PANELS, ETC.
7. BOA PANELS HAVE A COMMON NEUTRAL BUS. NEUTRALS HAVE TO BE INSTALLED AND ARE SIZED ACCORDING TO THE DISTRIBUTION PANEL BRANCH BREAKER RATING. NEUTRALS IS BOUND AT THE PRIMARY SERVICE MAIN BONDING JUNCTION ONLY.
8. GENERATOR CONTROLS AND SENSORS SHALL HAVE GFCI SENSING CAPABILITY PER NEC 210.8(D).

**2 GENERATOR SET SIZING CHARTS**

**ADVANCED ENGINEERING GROUP, P.C.**  
Civil Engineering, Site Development  
Surveying - 3D point cloud  
501 East Providence, R 02814  
PH: 401-354-2403 FAX:  
401-883-9304

**TRM**  
Charger Network Solutions  
15 Cabernet Street, Suite 100  
Riverton, UT 84403  
www.trm.com

**at&t**  
550 Connecticut Road, Suite 111, 14  
Riverton, UT 84403  
www.atandt.com

**Sabre Industries**  
1000 N. 1000 E. Ste. 1000, Riverton, UT 84403  
ALP@SABRE.COM

SIZE NUMBER:  
**10070998**

SITE NAME:  
**DEEP RIVER  
EAST**

SITE ADDRESS:  
49 PEBBLE ROAD  
DEEP RIVER, UTAH 84401

STATE OF UTAH  
WORK & MERIT  
PROFESSIONAL ENGINEER  
LICENSE NO. 6628307

DATE DRAWN: 01-17-14  
JOB NO.: 10070998

SHEET TITLE:  
**WIRING DIAGRAM  
& SIZING CHARTS**

SHEET NUMBER: **E-1** OF **2**

SCALE: NOT TO SCALE

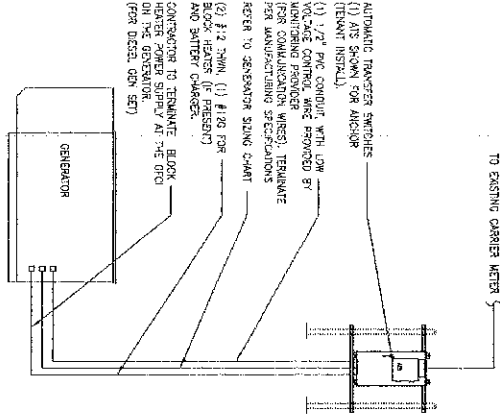
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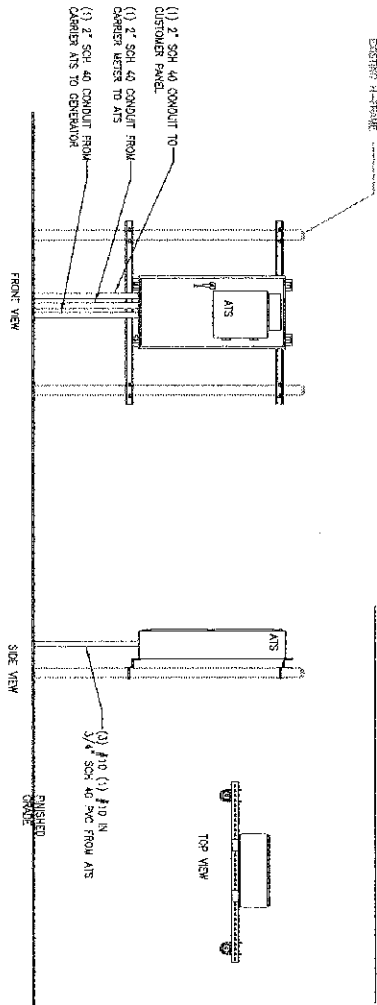
SHEET NUMBER: **E-1** OF **2**

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 LOAD 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 TRANSFER SWITCH TO SUPPLY POWER (UTILITY AND BACK-UP POWER) TO EXISTING SHELTER.

1 METER CONFIGURATION

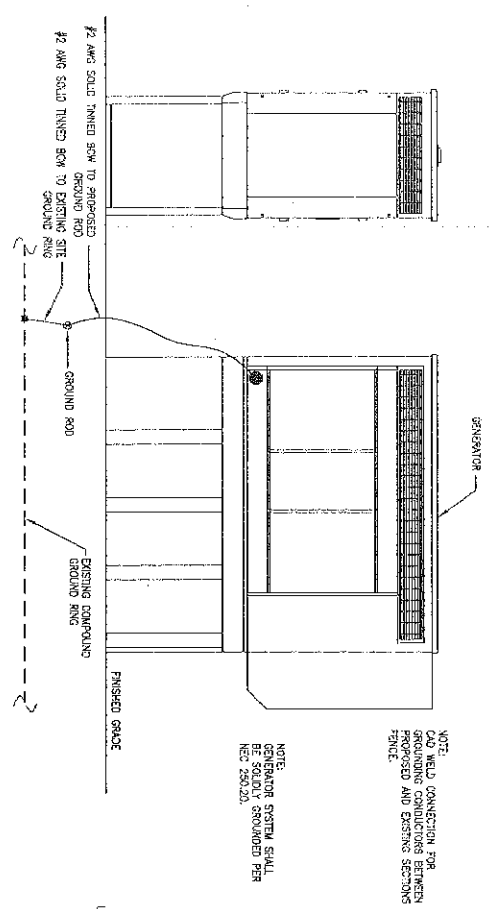


CONTRACTOR TO VERIFY EXISTING MIX LOCATION. IF MIX LOCATION IS OUTSIDE OF AT&T EQUIPMENT AREA, CONTRACTOR IS TO FIELD VERIFY THE PRESENCE OF EMERGENCY BACK-UP SERVICE TO THE MIX. IF EMERGENCY BACK-UP SERVICE IS NOT PRESENT, CONTRACTOR IS TO ROUTE NEW SERVICE FROM MIX EQUIPMENT AND.

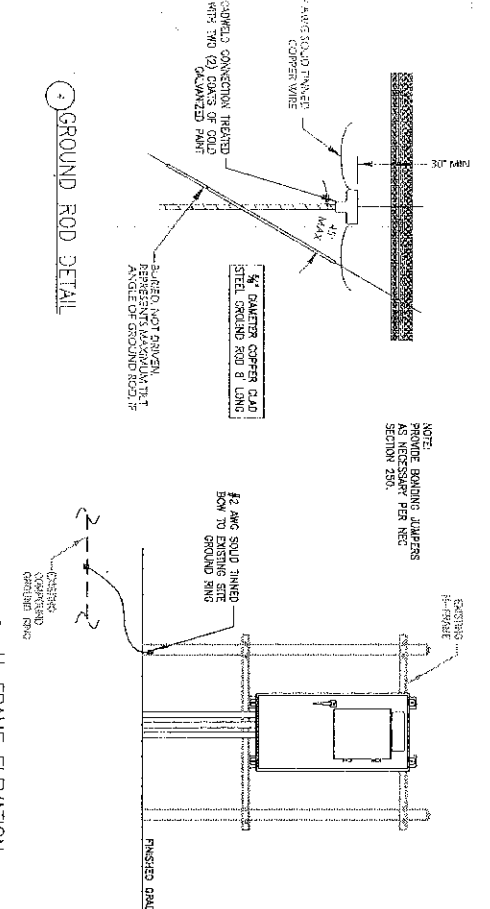
2 HERAME LAYOUT  
SCALE: NOT TO SCALE

 Sabre Industries 5071 FORT BRADSHAW, STE. 5000 ALPHARETTA, GA 30201	SITE NUMBER: <b>10070998</b>	 at&t 800-333-3333 10000 WOODBRIDGE BLVD WASHINGTON, VA 22002 WWW.AT&T.COM	 TRM Convergent Network Solutions 10000 WOODBRIDGE BLVD WASHINGTON, VA 22002 WWW.TRMSOLUTIONS.COM	 ADVANCED ENGINEERING GROUP P.C. Civil Engineering - Site Development Surveying - Telecommunications 807 NORTH PROSPER AVENUE SUITE 200 FORT WORTH, TX 76104 TEL: 817-351-2200 FAX: 817-351-0354
STATE OF CONNECTICUT REGISTERED PROFESSIONAL ENGINEER No. 26307  JTO	SITE ADDRESS: 45957 ROAD DEEP RIVER, CT 06417	SITE NAME: <b>DEEP RIVER EAST</b>	DRAWN BY: JTO CHECKED BY: SMA DATE DRAWN: 01-17-14 JOB NO.: 10070998	SHEET TITLE: <b>ELECTRICAL &amp; ATS MOUNTING DETAILS</b>
SHEET NUMBER <b>E-2</b>	REV. # <b>2</b>			

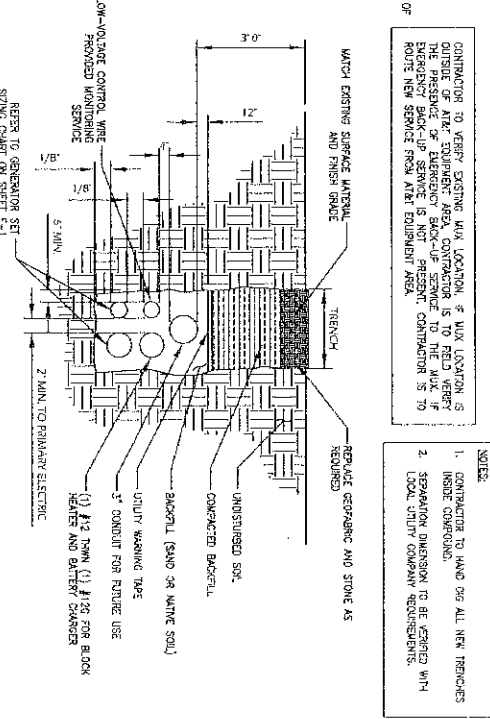




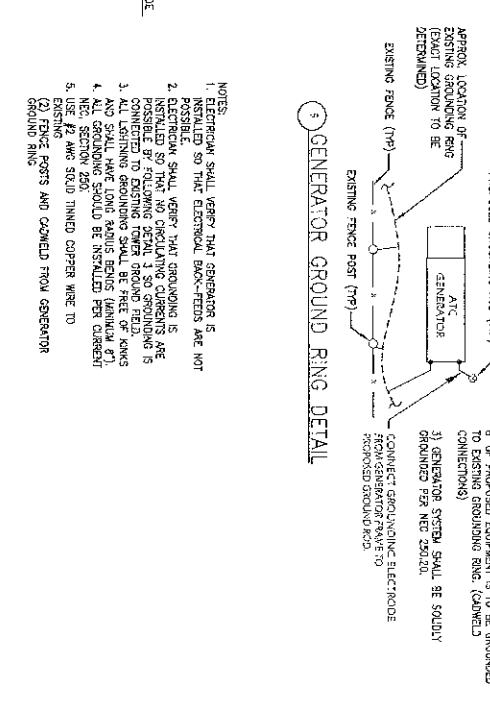
1 GENERATOR ELEVATION



3 H-FRAME ELEVATION



2 TRENCH DETAIL



3 GENERATOR GROUND RING DETAIL

<p>STATE OF VIRGINIA          PROFESSIONAL ENGINEER          LICENSE NO. 15488107          N.A. 288107</p>		<p>NOTE: ALL EXISTING FENCE POST/EQUIPMENT WITHIN 6' OF PROPOSED EQUIPMENT IS TO BE GROUNDED TO EXISTING GROUNDING RING (CONFIELD CONNECTIONS).</p>		<p>NOTES:</p> <ol style="list-style-type: none"> <li>GENERATOR TO BE CONNECTED TO EXISTING GROUNDING RING (SEE LOCATION).</li> <li>ALL EXISTING FENCE POST/EQUIPMENT WITHIN 6' OF PROPOSED EQUIPMENT IS TO BE GROUNDED TO EXISTING GROUNDING RING (CONFIELD CONNECTIONS).</li> <li>GENERATOR SYSTEM SHALL BE SOLIDLY GROUNDED PER NEC 250.20.</li> <li>CONNECT GROUNDING ELECTRODE FROM GENERATOR TO REMOVED BACKFILL.</li> </ol>		<p>NOTE: FIELD CONNECTION PER PROPOSED CONDUCTORS BETWEEN PROPOSED AND EXISTING SECTIONS OF FENCE.</p>	
<p>STAMP HERE:</p> <p>DRAWN BY: JIG</p> <p>CHECKED BY: SMA</p> <p>DATE DRAWN: 01-17-14</p> <p>JOB NO.: 10070998</p> <p>SHEET TITLE: GROUNDING DETAILS</p>		<p>SITE NAME: DEEP RIVER EAST</p> <p>SITE ADDRESS: 715 E. T. ROAD DEEP RIVER, CT 06417</p> <p>SITE NUMBER: 10070998</p>		<p>CONTRACTOR TO VERIFY EXISTING WALK LOCATION &amp; WALK LOCATION IS NOT OBSTRUCTED BY ANY CONDUITS TO THE AREA. IF EXISTING BACK-UP SERVICE IS NOT PRESENT, CONTRACTOR IS TO ROUTE NEW SERVICE FROM ATRT EQUIPMENT AREA.</p>		<p>NOTES:</p> <ol style="list-style-type: none"> <li>CONTRACTOR TO HAND DIG ALL NEW TRENCHES INSIDE CONFOUND.</li> <li>SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.</li> </ol>	
<p>SHEET NUMBER: G-1</p>		<p>REV # 2</p>		<p>CONTRACTOR TO VERIFY EXISTING WALK LOCATION &amp; WALK LOCATION IS NOT OBSTRUCTED BY ANY CONDUITS TO THE AREA. IF EXISTING BACK-UP SERVICE IS NOT PRESENT, CONTRACTOR IS TO ROUTE NEW SERVICE FROM ATRT EQUIPMENT AREA.</p>		<p>NOTES:</p> <ol style="list-style-type: none"> <li>CONTRACTOR TO HAND DIG ALL NEW TRENCHES INSIDE CONFOUND.</li> <li>SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.</li> </ol>	