



Salvatore D. Ianiero

16 Chestnut Street, Suite 220

Foxboro, MA 02035

Tel (401) 533-0728

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ORIGINAL

RECEIVED

FEB - 7 2014

CONNECTICUT
SITING COUNCIL

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

Re: **Notice of Exempt Modification - Emergency Backup Generator**
FA#: 10035284 / 1967 Saybrook Road, Middletown, CT 06457/ Project Code: 2051691488

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 137' mark of the existing 150' tower and an existing 11' x 20' AT&T equipment shelter. The tower and AT&T's shelter are located within an existing 50' x 47' x 29' x 68' 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 Middletown. A copy of this submission is also being sent to Sebastian G. Marino, 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,



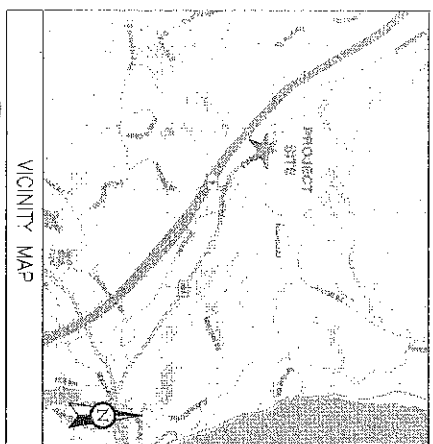
Sal Ianiero 401-533-0728

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

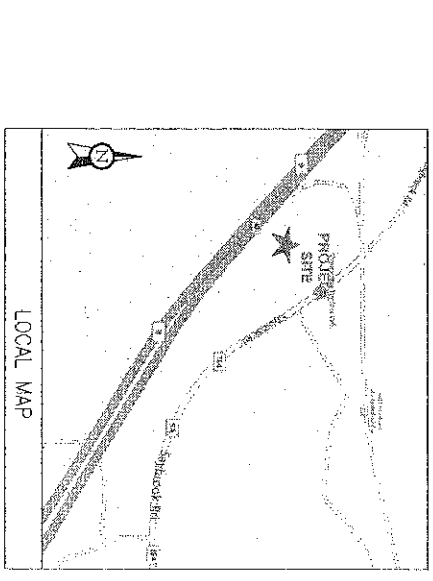
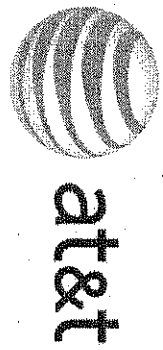
cc: **Town of Middletown, CT**
Sebastian G. Marino

Exhibit 1

Site Plan



BACKUP POWER PROJECT
 SITE IDENTIFICATION:
 SITE NUMBER: 10035294
 SITE NAME: MIDDLETOWN
 SAYBROOK RD
 SITE ADDRESS: 1967 SAYBROOK ROAD
 MIDDLETOWN, CT 06457



CONTRACTOR TO VERIFY EXISTING MARK LOCATIONS. IF MARK LOCATIONS ARE NOT FOUND, CONTRACTOR TO VERIFY THE PRESENCE OF BURIED BACK-UP SERVICE TO THE USER. IF BURIED SERVICE IS NOT PRESENT, CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

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

PROJECT TEAM | **PROJECT SUMMARY** | **PROJECT NOTES** | **SHEET INDEX**

<p>ENGINEER: ADVANCED ENGINEERING GROUP, P.C. 2501 BROADWAY, SUITE 200 TEL: 401-351-2403</p> <p>APPLICANT: AT&T 2501 BROADWAY, SUITE 200 FARMINGTON, CT 06101</p> <p>CUSTOMER REPRESENTATIVE: SAGE INDUSTRIES 1000 W. MAIN ST., 1ST FLOOR, SUITE 100 WASHINGTON, PA 15301 TEL: 717-833-0337</p> <p>LANDLORD: GORDON SIGNAL ACQUISITIONS (CS) 1000 W. MAIN ST., 1ST FLOOR, SUITE 100 WASHINGTON, PA 15301 TEL: 717-833-0337</p> <p>UTILITIES: SOWER COMPANY 1000 W. MAIN ST., 1ST FLOOR, SUITE 100 WASHINGTON, PA 15301 TEL: 717-833-0337</p>	<p>GEOGRAPHIC COORDINATES: LATITUDE: 41° 37' 38" N LONGITUDE: 72° 30' 36" W</p> <p>CODE BLOCKS:</p> <p>BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE</p>	<p>PROJECT DESCRIPTION:</p> <ol style="list-style-type: none"> 1. THE FACILITY IS UNMANNED. 2. A RESERVATION WILL BE SET FOR THE SITE APPROPRIATELY 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, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. <p>PROJECT LOCATION DIRECTIONS</p> <p>DEPART RT-30 W / COORDINATE RD TOWARD BURN ST TURN BACK ON RT-30 E / COORDINATE RD SPRINGFIELD AT EXIT 9, TAKE RAMP RIGHT FOR I-84 TOWARD NEW YORK CITY / HARTFORD AT EXIT 57, TAKE RAMP LEFT FOR CT-15 SOUTH TOWARD CHARTER OAK BR / N.Y. CITY AT EXIT 88, TAKE RAMP RIGHT FOR I-81 SOUTH TOWARD NEW HAVEN / N.Y. CITY AT EXIT 225, TAKE RAMP LEFT FOR CT-9 SOUTH TOWARD OLD SAYBROOK / MIDDLETOWN AT EXIT 10, TAKE RAMP RIGHT FOR CT-154 SOUTH TOWARD HOSANNA BEAR RIGHT ONTO CT-94 / CT-154 / SAYBROOK RD</p>	<table border="1"> <thead> <tr> <th>SHT NO.</th> <th>DESCRIPTION:</th> <th>REV.</th> <th>DATE:</th> <th>BY:</th> </tr> </thead> <tbody> <tr> <td>1-1</td> <td>TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> <tr> <td>A-1</td> <td>COMPOUND PLAN</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> <tr> <td>A-2</td> <td>CONCRETE PAD DETAILS</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> <tr> <td>E-1</td> <td>WINDING DIAGRAM & STAIR CHAIRS</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> <tr> <td>E-2</td> <td>ELECTRICAL & AIR WORKING DETAILS</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> <tr> <td>E-3</td> <td>GROUNDING DETAILS</td> <td>2</td> <td>02-28-2014</td> <td>CLG</td> </tr> </tbody> </table>	SHT NO.	DESCRIPTION:	REV.	DATE:	BY:	1-1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION	2	02-28-2014	CLG	A-1	COMPOUND PLAN	2	02-28-2014	CLG	A-2	CONCRETE PAD DETAILS	2	02-28-2014	CLG	E-1	WINDING DIAGRAM & STAIR CHAIRS	2	02-28-2014	CLG	E-2	ELECTRICAL & AIR WORKING DETAILS	2	02-28-2014	CLG	E-3	GROUNDING DETAILS	2	02-28-2014	CLG
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ADVANCED ENGINEERING GROUP, P.C.
 Civil Engineering - Site Development
 Surveying - Telecommunications
 2501 BROADWAY, SUITE 200
 FARMINGTON, CT 06101
 TEL: 401-351-2403 FAX: 401-633-0339

TRM
 Convergent Network Solutions
 7000 WESTINGHOUSE AVENUE, SUITE 100
 FARMINGTON, CT 06101
 WWW.TRMCON.COM

at&t
 190 BROADWAY, SUITE 200, FARMINGTON, CT 06101
 1-800-451-4511

Sabre Industries
 1901 VICTORIA ROAD, SUITE 400B, N.Y.C.
 ALPHARETTA, GA 30004

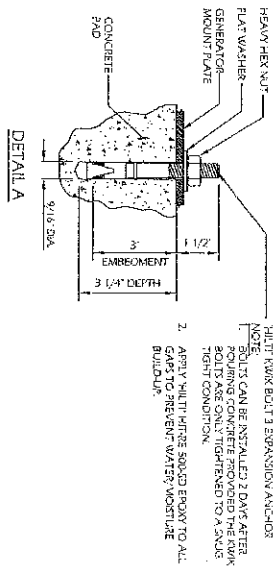
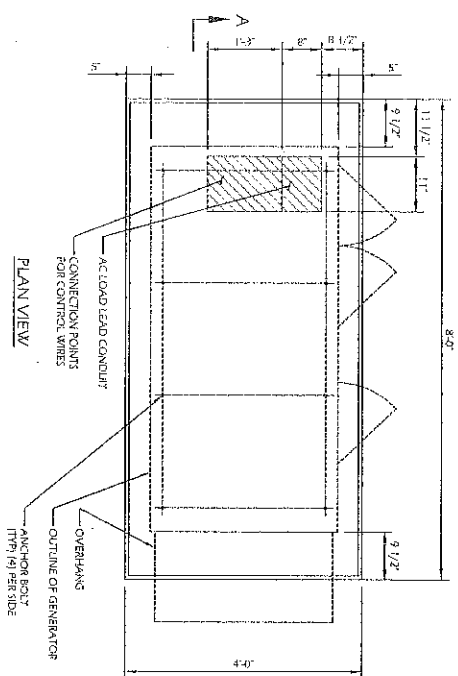
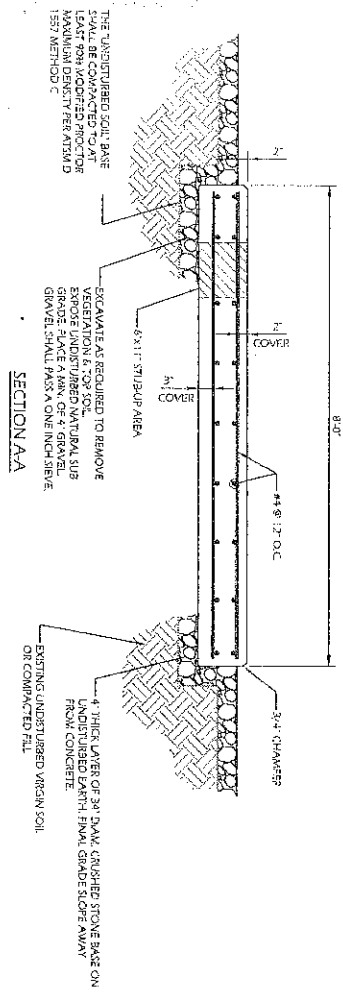
SITE NUMBER:
10035294
 SITE NAME:
**MIDDLETOWN
 SAYBROOK RD**
 SITE ADDRESS:
**1967 SAYBROOK ROAD
 MIDDLETOWN, CT 06457**

STATE OF CONNECTICUT
 PROFESSIONAL ENGINEER
 No. 26307

STAMP HERE:
 DRAWN BY: CLG
 CHECKED BY: SVA
 DATE DRAWN: 02-03-14
 JOB NO.: 10035294

TITLE SHEET VICINITY MAP AND GENERAL INFORMATION

SHEET NUMBER: T-1 OF 2



CONTRACTOR TO VERIFY EXISTING MAX. LOCATION IF MAX. LOCATION IS NOT SHOWN. THE PRESENCE OF HAZARDOUS MATERIALS OR THE LACK OF EMERGENCY BACK-UP SERVICE IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FLOW AROUND EQUIPMENT AREA.

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 (4-3 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 LEVELLED 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.

PRE-CAST GENERATOR PAD

ADVANCED
ENGINEERING GROUPS, P.C.
Civil, Mechanical, Electrical, & Structural
300 NORTH BROADWAY
Smyrna, TN 37159
PH: 615-884-2400 FAX: 615-884-2500

TRM
Convergent Network Solutions
10000 W. WALKER
MESA, AZ 85208
PH: 480-952-2200

at&t

Sabre Industries
450 OCCIDENTAL ROAD, SUITE 13 & 4
PSALMOPOLY, VA 20134
PH: 703-596-8000

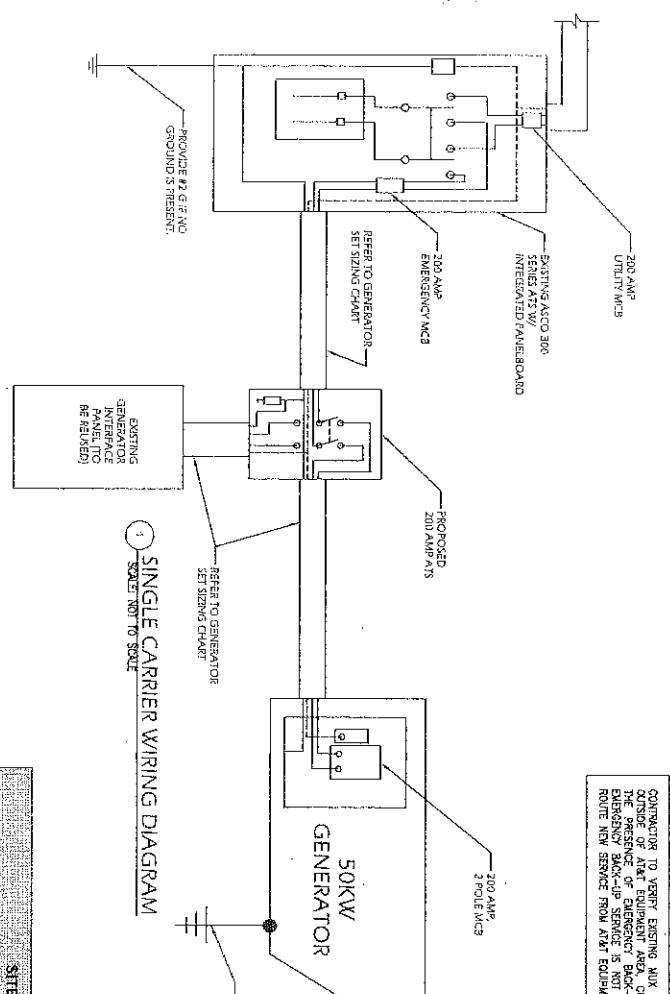
SITE NUMBER:
10035294

SITE NAME:
**MIDDLETOWN
SAYBROOK RD**

SITE ADDRESS:
1987 SAYBROOK ROAD
MIDDLETOWN, CT 06457

STATE OF CONNECTICUT
PROFESSIONAL ENGINEER
NO. 26287

DRAWN BY:	CSG
CHECKED BY:	SNA
DATE DRAWN:	02-03-14
JOB NO.:	10035294
SHEET TITLE:	CONCRETE PAD DETAILS
SHEET NUMBER:	REV #
A-2	2



1 SINGLE CARRIER WIRING DIAGRAM

FEEDER SIZING CHART FOR GENERATOR

GEN SET SIZE	VOLTS	PHASE RATING	SIZE OF INCLUDE BREAKERS (AT GENERATOR)	MAX BREAKER SIZE SENSING FUNCTION (EQUIPMENT)	FEEDER SIZE FROM GEN SET BREAKER TO DISTRIBUTION PANEL (ATS)
50kW	120/240V	48kW - 200A	Z20A	Z20A	300A 2P @ INTEGRAL TO GEN SET
150kW	120/240V	144kW - 200A	Z20A	Z20A	300A 2P @ INTEGRAL TO GEN SET

- NOTES:**
- SERVICE VOLTAGE FOR EACH CARRIER IS 120/240V, 1-PHASE AND SERVICE SIZE ARE TYPICAL 75% PER CARRIER.
 - DISTRIBUTION PANEL IS 800A, 120/240V 1-PHASE WITH 200A CB FOR THE LISTED CARRIER OUTPUT. PANEL IS 25' X 20" 3-PHASE SPACE FOR 3-PHASE CARRIERS.
 - AUTOMATIC TRANSFER SWITCH (ATS) ARE 200A 2-POLE, 120/240V 1-PHASE WITH SOLID NEUTRAL PER CARRIER.
 - ALL ELECTRICAL EQUIPMENT IS NEMA 3R RATED.
 - ALL ELECTRICAL EQUIPMENT IS NEMA 3R RATED.
 - ALL EQUIPMENT TERMINALS SHALL BE PROVIDED WITH EQUIPMENT RATED TO WITHSTAND FAULT CURRENT AVAILABLE AT PROJECT SITE.
 - ALL WIRE AND PANEL BUILDING SHALL BE COPPER UNLESS ALLOWED ELSEWHERE IN THE DOCUMENT SET. WIRE SIZE ARE BASED ON 75°C TEMPERATURE.
 - ALL WIRE AND PANEL BUILDING SHALL BE COPPER UNLESS ALLOWED ELSEWHERE IN THE DOCUMENT SET. WIRE SIZE ARE BASED ON 75°C TEMPERATURE.
 - ALL WORK SHALL COMPLY WITH THE CURRENT VERSION OF THE NEC AND ALL OTHER APPLICABLE CODES.
 - FIRST OVER-CURRENT PROTECTION DEVICE IS INTEGRAL TO GENERATOR. FEEDER SIZES INDICATED IN TABLE ABOVE ARE DOMESTIC RATED. GENERATOR IS FACTORY INSTALLED AND IS THE MANUFACTURER'S RECOMMENDED SIZE.
 - INDICATE BREAKER AT GENERATOR IS FACTORY INSTALLED AND IS THE MANUFACTURER'S RECOMMENDED SIZE.

2 GENERATOR SET SIZING CHARTS

SITE GENERATOR CONTROL & ALARMS RECEPTACLE

Distributor for Datasheet: www.datasheet.com
 Contact: Melissa Walker (800) 222-1238 melissa@datasheet.com

GENSET FUNCTION	RECEPTACLE #	TYPE & PART #	CONNECTING CABLE	WIRE COLOR	WIRE SIZE	RECEPTACLE LEVEL	REMARKS
(CONTROL)	1	557-002	10' (10 Conductor)	BLACK	12 AWG	12	ATC
AUTOMATIC START/STOP	2	557-002	10' (10 Conductor)	WHITE	12 AWG	12	ATC
GENERATOR RUNNING	3	557-002	10' (10 Conductor)	WHITE	12 AWG	12	ATC
(ALARM)	4	557-002	10' (10 Conductor)	WHITE	12 AWG	12	ATC
GENERATOR LOW FUEL	5	557-002	10' (10 Conductor)	RED	12 AWG	12	ATC
(ALARM)	6	557-002	10' (10 Conductor)	GREEN	12 AWG	12	ATC
GENERATOR FAIL - MAIN DR (SHUTDOWN)	7	557-002	10' (10 Conductor)	BROWN	12 AWG	12	ATC
(ALARM)	8	557-002	10' (10 Conductor)	BLUE	12 AWG	12	ATC
GENERATOR FAIL - MAIN DR (SHUTDOWN)	9	557-002	10' (10 Conductor)	CRANES	12 AWG	12	ATC
(ALARM)	10	557-002	10' (10 Conductor)	YELLOW	12 AWG	12	ATC
GENERATOR MISSING - MAIN DR (SHUTDOWN)	11	557-002	10' (10 Conductor)	PURPLE	12 AWG	12	ATC
(ALARM)	12	557-002	10' (10 Conductor)	ORANGE	12 AWG	12	ATC

3 SITE GENERATOR CONTROL & ALARMS RECEPTACLE

ADVANCED ENGINEERING GROUP, P.C.
 Civil Engineering - Site Development
 Surveying - Topographical
 200 NORTH BROADWAY
 SUITE 400
 WASHINGTON, DC 20004
 202-462-1234

TRM
 Convergent Network Solutions
 17000 W. BROADWAY, SUITE 200
 WASHINGTON, DC 20004
 202-462-1234

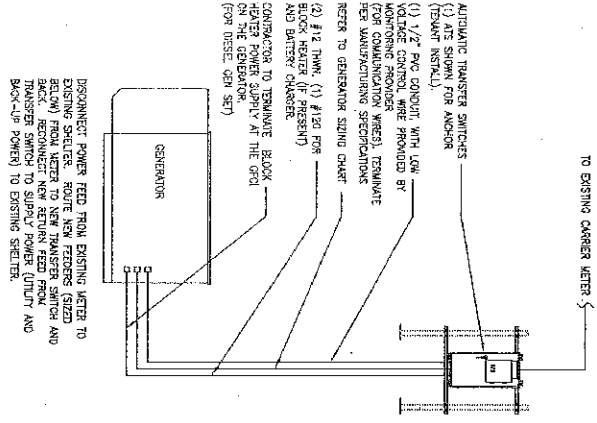
at&t
 400 OCCIDENTAL ROAD, SUITE 112-1
 FROEDERICK, MARYLAND 21704
 410-326-7000

Sabre Industries
 5000 WASHINGTON BLVD, SUITE 100
 ALEXANDRIA, VA 22304

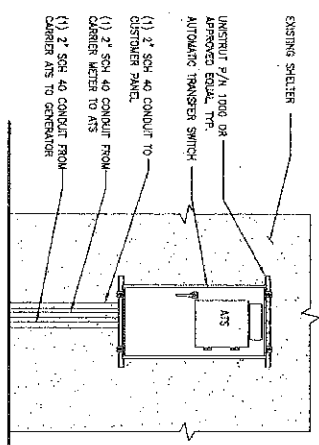
SITE NUMBER: 100335294
 SITE NAME: MIDDLETOWN SAYBROOK RD
 SITE ADDRESS: 1087 SAYBROOK ROAD MIDDLETOWN, CT 06457

DATE DRAWN: 02-03-14
 DRAWN BY: SJA
 CHECKED BY: SJA
 SHEET TITLE: WIRING DIAGRAM & SIZING CHARTS
 SHEET NUMBER: E-1
 REV # 2

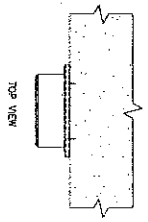
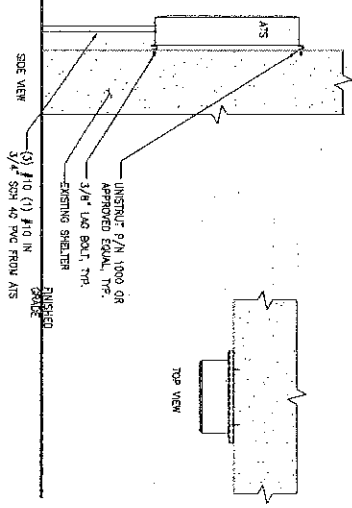
NOTE: LINE FEED POWER FEEDS SHALL BE CONVERTED TO THE TRANSFER SWITCH FROM THE 100 AMP SERVICE TO THE EXISTING SERVICE DISCONNECT. NO MODIFICATIONS SHALL BE MADE ON THE LINE SIDE OF THE EXISTING SERVICE DISCONNECT.



1 METER CONFIGURATION

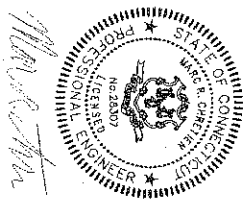


2 ATS MOUNTING DETAIL



CONTRACTOR TO VERIFY EXISTING ROOF LOCATION. IF NULL, LOCATION IS TO BE DETERMINED BY CONTRACTOR. CONTRACTOR IS TO VERIFY THE PRESENCE OF SHELTER BACK-UP SERVICE. CONTRACTOR IS TO ROUTE NEW SERVICE FROM ATEP EQUIPMENT AREA.

STAMP HERE:	
DRAWN BY:	CJS
CHECKED BY:	SMA
DATE DRAWN:	02-01-14
JOB NO.:	1002934
SHEET TITLE:	ELECTRICAL & ATS MOUNTING DETAILS
SHEET NUMBER:	E-2
REV. #:	2



SITE NAME:
MIDDLETOWN
SAYBROOK RD
SITE ADDRESS:
1287 SAYBROOK ROAD
MIDDLETOWN, CT 06457

SITE NUMBER:
100335294

Sabre Industries
100 WASHINGTON ROAD, SUITE 100
MIDDLETOWN, CT 06457

at&t
500 CORPORATE BLVD, SUITE 15 & 14
FARMINGTON, CT 06030

TRM
Convergent Network Solutions
10655 REDBONE MANAGEMENT
15 ONEBENT STREET, SUITE 120
MIDDLETOWN, CT 06457
WWW.TRM.COM

ADVANCED
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
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MIDDLETOWN, CT 06457
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