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**
577 Bell St., Glastonbury, CT 06033 (FA# 10050975)

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 93' level of an existing 104' tower and a 12' x 20' equipment shelter. The tower and AT&T's shelter 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-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-in compound. The new generator and tank with be surrounded by a security fence and gate and will be placed on a 4' x 8' concrete pad. (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 Glastonbury. A copy of this submission is also being sent to Cox Connecticut Telcom, LLC, the property owner on which the tower is located.

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,

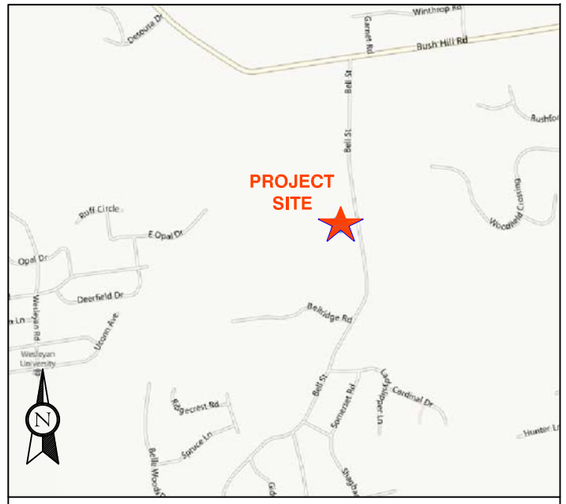
Matt Burke 508.930.0974
On behalf of AT&T
c/o Tower Resource Management, Inc.
16 Chestnut Street, Suite 220
Foxboro, MA 02035

cc: **Town of Glastonbury, CT**
Cox Connecticut Telcom, LLC

Exhibit 1

Site Plan

VICINITY MAP



LOCAL MAP

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

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

BACKUP POWER PROJECT

SITE IDENTIFICATION:

SITE NUMBER: 10050975

SITE NAME: GLASTONBURY BELL STREET.

SITE ADDRESS: 577 BELL STREET
GLASTONBURY, CT 06033

PROJECT DESCRIPTION:

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

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.

PROJECT TEAM

ENGINEER:
ADVANCED ENGINEERING GROUP, P.C.
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
TEL: 401-354-2403

APPLICANT:
AT&T MOBILITY
550 COCHITUATE ROAD
SUITES 13 & 14
FRAMINGHAM, MA 01701

CUSTOMER REPRESENTATIVE:
SABRE INDUSTRIES
PEGGY POOR
MARKET LEAD – AT&T NE GENERATOR PROGRAM
13010 MORRIS ROAD, 6TH FLOOR, BLDG 1
ALPHARETTA, GA 30004
CELL 770-990-0137

LANDLORD:
COX COMMUNICATIONS INC
BOB DEANGILIS
1400 LAKE HEARN DRIVE
NE ATLANTA GA 30319
PHONE: 401 615 1421

UTILITIES:
POWER COMPANY:
NORTHEAST UTILITIES (NU)
P.O. BOX 270
HARTFORD, CT 06141-0270
PHONE: 1-800-286-5000

PROJECT SUMMARY

GEOGRAPHIC COORDINATES:
LATITUDE: 41° 44' 01.08"
LONGITUDE: 72° 32' 58.80"

CODE BLOCK:
BUILDING CODE:
2009 INTERNATIONAL BUILDING CODE

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
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, POTABLE WATER OR TRASH DISPOSAL AS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.

PROJECT LOCATION DIRECTIONS

1. 550 COCHITUATE RD, FRAMINGHAM, MA 01701
2. DEPART LEGGAT MCCALL CONNECTOR RD TOWARD SPEEN ST
3. TURN RIGHT ONTO SPEEN ST
4. TURN RIGHT ONTO RT-30 / COCHITUATE RD
5. TAKE RAMP RIGHT FOR I-90 WEST TOWARD WORCESTER / SPRINGFIELD
6. AT EXIT 9, TAKE RAMP RIGHT FOR I-84 TOWARD NEW YORK CITY / HARTFORD
7. AT EXIT 59, TAKE RAMP RIGHT FOR I-384 EAST TOWARD SILVER LANE
8. AT EXIT 2, TAKE RAMP RIGHT TOWARD KEENEY STREET
9. TURN LEFT ONTO WETHERELL ST
10. TURN RIGHT ONTO KEENEY ST
11. TURN RIGHT ONTO BUSH HILL RD
12. TURN LEFT ONTO BELL ST
13. ARRIVE AT 577 BELL ST, GLASTONBURY, CT 06033

SHEET INDEX

SHT NO:	DESCRIPTION:	REV:	DATE:	BY:
T-1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION	1	01-21-2014	CJG
A-1	COMPOUND PLAN	1	01-21-2014	CJG
A-2	CONCRETE PAD DETAILS	1	01-21-2014	CJG
E-1	WIRING DIAGRAM & SIZING CHARTS	1	01-21-2014	CJG
E-2	ELECTRICAL & ATS MOUNTING DETAILS	1	01-21-2014	CJG
G-1	GROUNDING DETAILS	1	01-21-2014	CJG

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at&t
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TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION

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T-1	1

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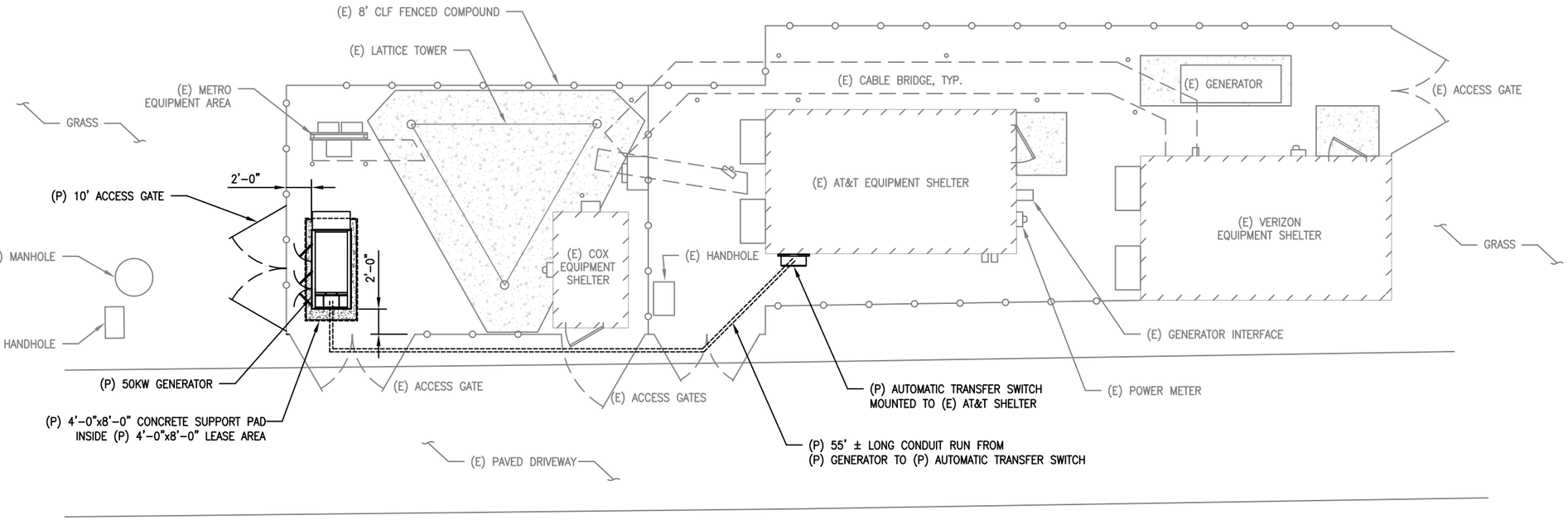

1 COMPOUND PLAN
SCALE: 1" = 10'-0"

0 5' 10' 20'

NOTE:
ALL AUDIBLE GENERATOR ALARMS MUST BE DISABLED

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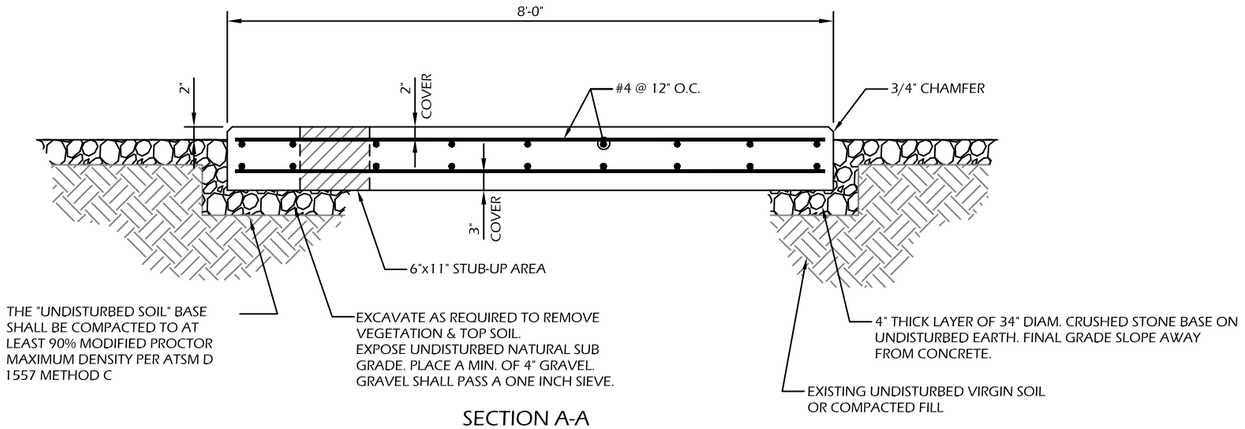
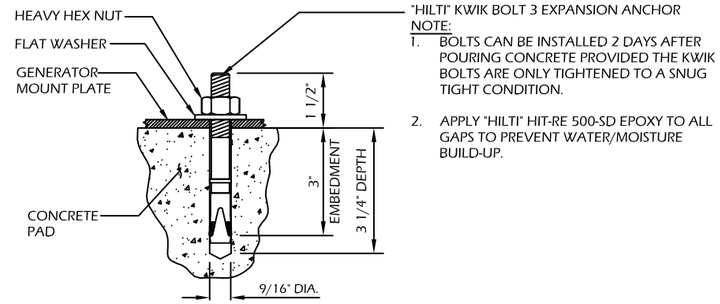
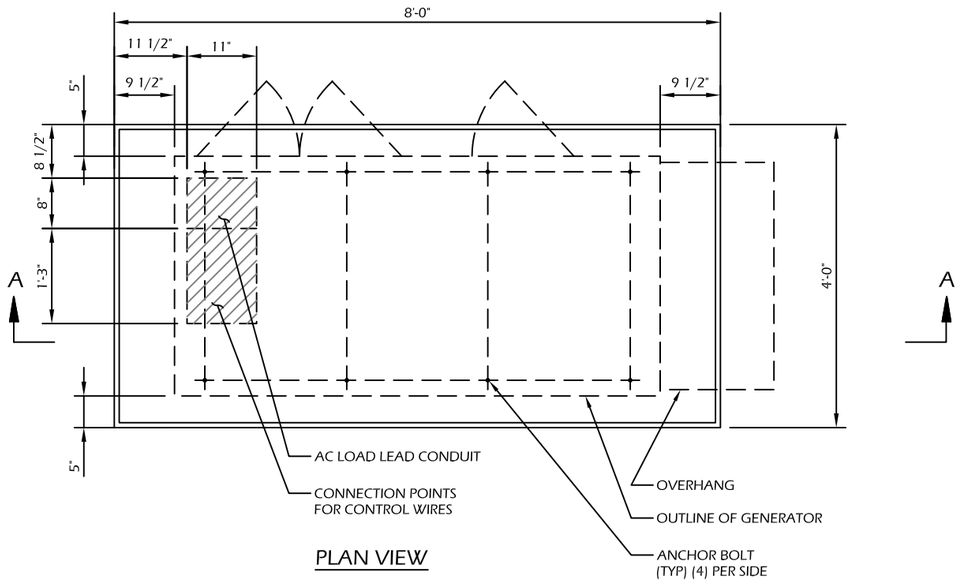


SECTION A-A



DETAIL A

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



PLAN VIEW

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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.

PRE-CAST GENERATOR PAD

ADVANCED ENGINEERING GROUP, P.C.
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CONCRETE PAD DETAILS

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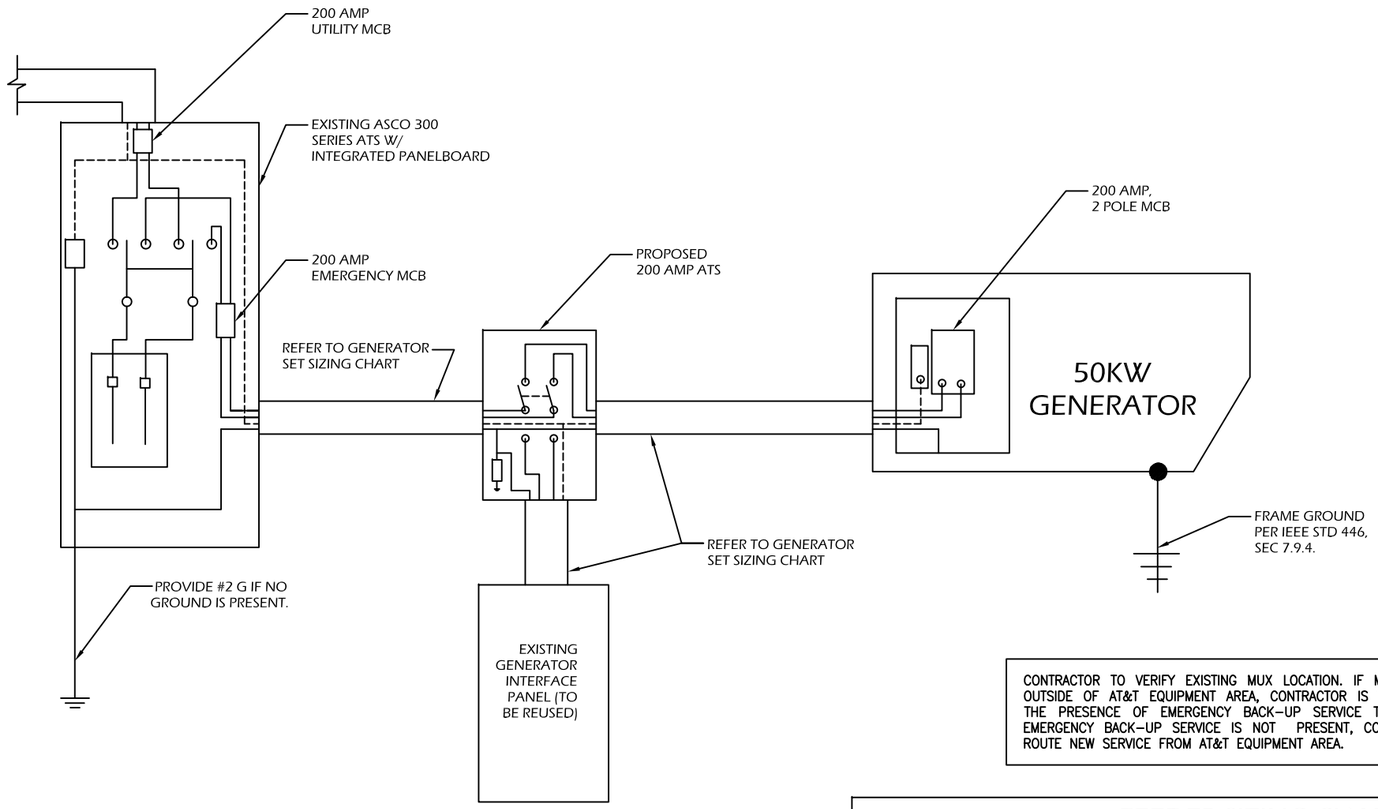

1 SINGLE CARRIER WIRING DIAGRAM
SCALE: NOT TO SCALE

NOTES:

1. ALL UNDERGROUND CABLE TO BE BURIED AT 36" MIN. SHIELD TAPED AT 12" AND STUBBED OUT OF GROUND IN SCH 40 PVC CONDUIT.
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.
4. TENANT CONTRACTOR HAS NOTHING TO INSTALL OR COMPLETE FOR ATC SHARED GEN DURING CUSTOMER COLLOCATION ON ATC TOWER.
5. ALL CONDUCTORS ARE SIZED FOR COPPER, BUT ALUMINUM CONDUCTORS ARE ALLOWED FOR FEEDERS PROVIDED THEY ARE UPSIZED PER NEC TABLE 310.16.
6. ALL ELECTRICAL WORK SHALL BE PER THE NATIONAL ELECTRICAL CODE (NFPA 70) AND ALL APPLICABLE LOCAL CODES.
7. MAINTAIN 36" CLEAR WORKSPACE IN FRONT OF METER, TRANSFER SWITCH, GENERATOR, PANELS, ETC.
8. 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.
9. GENERATOR CONTROLS AND SENSORS SHALL HAVE GFCI SENSING CAPABILITY PER NEC 700-6(D).

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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 FOR FUTURE CARRIERS.
3. AUTOMATIC TRANSFER SWITCH (ATS) ARE 200A 2-POLES, 120/240V 1-PHASE WITH SOLID NEUTRAL PER CARRIER.
4. ALL ELECTRICAL EQUIPMENT IS NEMA 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.

2 GENERATOR SET SIZING CHARTS

ADVANCED ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, RI 02914
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SHEET TITLE:
WIRING DIAGRAM & SIZING CHARTS

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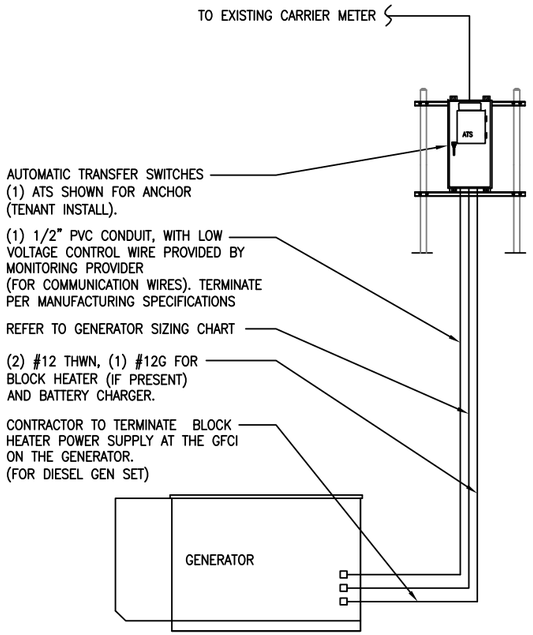
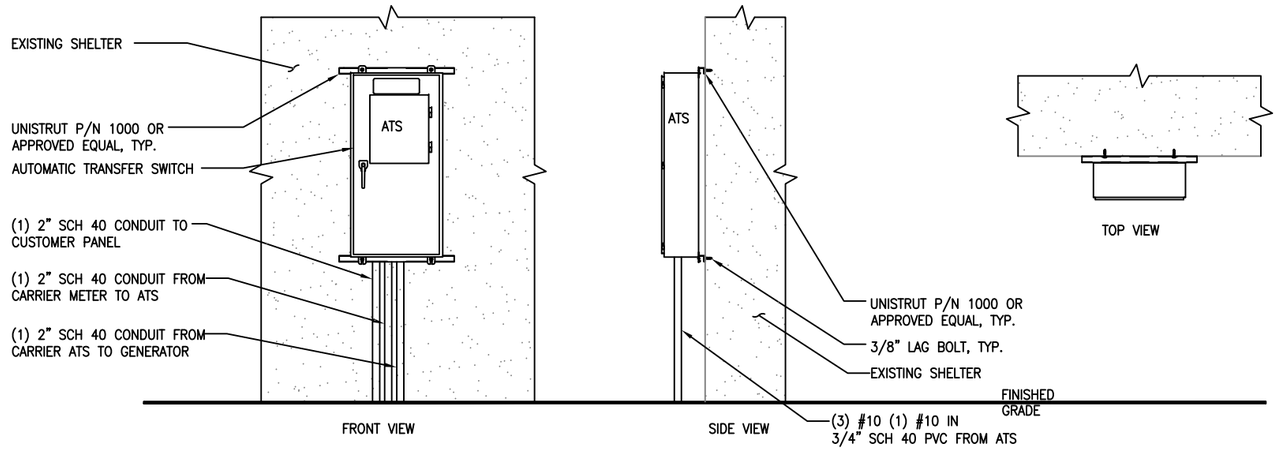
E-1	1

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.

1 METER CONFIGURATION



2 ATS MOUNTING DETAIL

SCALE: NOT TO SCALE

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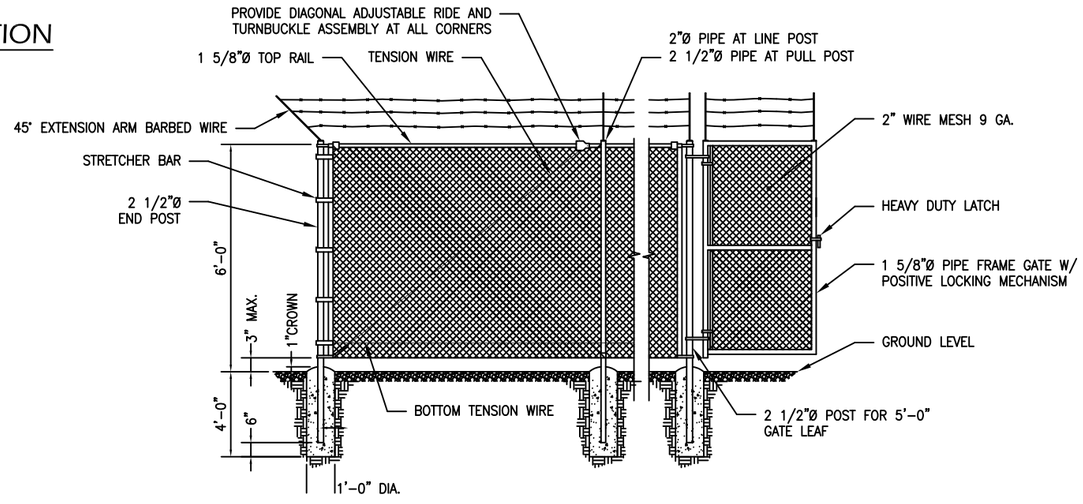
3 TYP. FENCE DETAIL

N.T.S.



FENCE NOTES:

1. INSTALL FENCING PER ASTM F-567, SWING GATE PER ASTM F-900.
2. ALL END POSTS, LINE POSTS, PULL POSTS, POSTS FOR GATE LEAF, PIPES FOR GATE FRAME AND TOP RAILS SHALL BE SCHEDULE 40 PIPE PER ASTM F-1083.
3. FABRIC SHALL BE 12 GA. CORE WIRE SIZE 2" MESH CONFORMING TO ASTM A-392.
4. TENSION WIRE SHALL BE 7 GA. GALV. STEEL.
5. TIE WIRE SHALL BE 11 GA. GALV. STEEL (MIN.) AT POSTS AND RAILS. A SINGLE WRAP FABRIC TIE AT TENSION WIRE BY HOG RINGS SPACED MAX. OF 24" INTERVALS
6. BARBED WIRE SHALL BE DOUBLE STRAND 12 1/2" O.D. TWISTED WIRE TO MATCH W/FABRIC 14 GA., 4 PT. BARBS SPACES AT APPROXIMATELY 5" O.C.
7. COMPLY WITH LOCAL ORDINANCES OF BARBED WIRE PERMIT REQUIREMENTS, IF REQUIRED.
8. STEEL FENCE SYSTEM SHALL INCLUDE THE FENCE POSTS, FABRIC, GATE SYSTEM AND ALL NECESSARY ERECTION ACCESSORIES, FITTINGS AND FASTENINGS. ALL FENCE SYSTEM COMPONENTS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153. GATES SHALL BE SWING GATES WITH 5'-0" LEAFS. REFER TO TYPICAL FENCE DETAIL FOR ADDITIONAL INFORMATION. INSTALL FENCE AFTER CONCRETE HAS ATTAINED 75% OF 28 DAY DESIGN STRENGTH.

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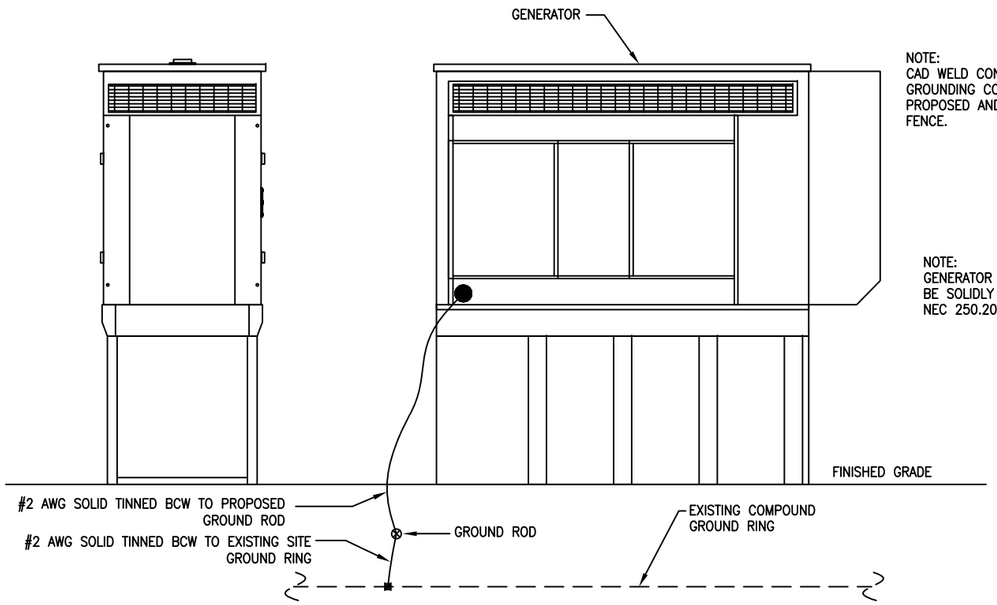


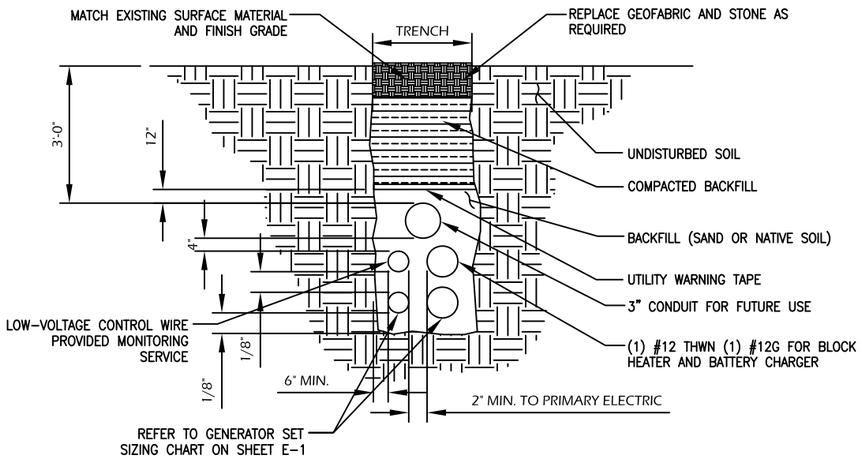
NOTE:
CAD WELD CONNECTION FOR GROUNDING CONDUCTORS BETWEEN PROPOSED AND EXISTING SECTIONS OF FENCE.

NOTE:
GENERATOR SYSTEM SHALL BE SOLIDLY GROUNDED PER NEC 250.20.

1 GENERATOR ELEVATION

NOTES:

1. CONTRACTOR TO HAND DIG ALL NEW TRENCHES INSIDE COMPOUND.
2. SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.



2 TRENCH DETAIL
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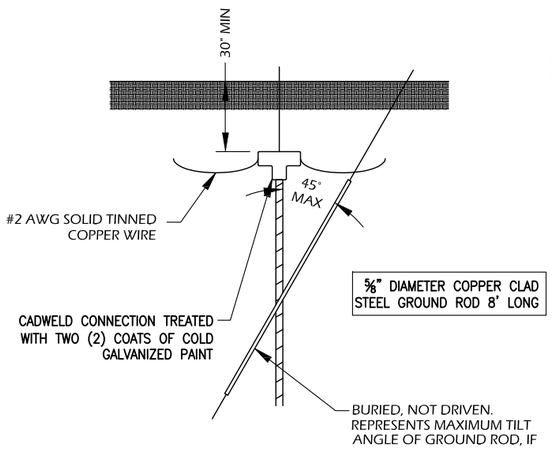
NOTES:

1) GENERATOR TO BE CONNECTED TO EXISTING GROUNDING RING (MIN 1 LOCATION).

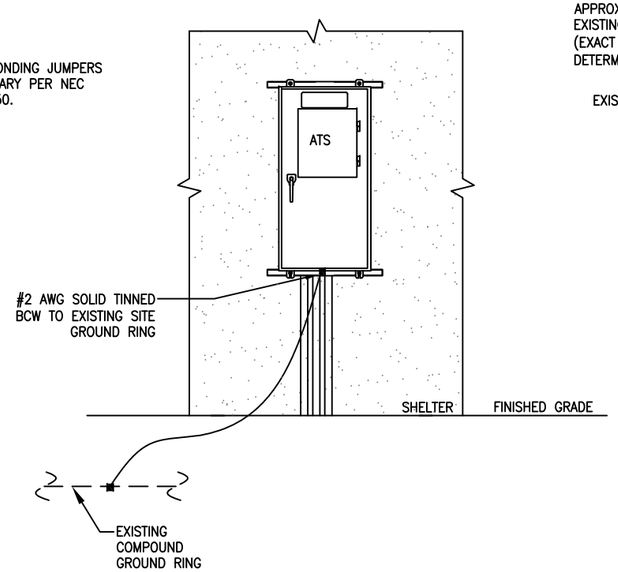
2) ALL EXISTING FENCE POST/EQUIPMENT WITHIN 6' OF PROPOSED EQUIPMENT IS TO BE GROUNDED TO EXISTING GROUNDING RING. (CADWELD CONNECTIONS)

3) GENERATOR SYSTEM SHALL BE SOLIDLY GROUNDED PER NEC 250.20.

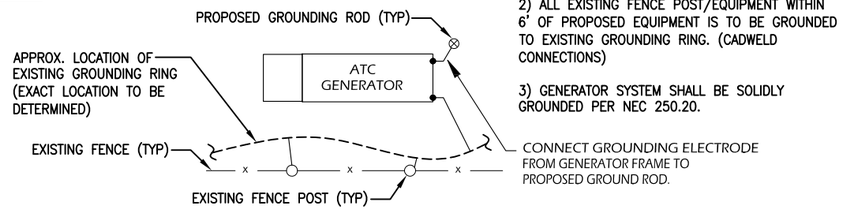


4 GROUND ROD DETAIL

NOTE:
PROVIDE BONDING JUMPERS AS NECESSARY PER NEC SECTION 250.



3 ATS ELEVATION



5 GENERATOR GROUND RING DETAIL

NOTES:

1. ELECTRICIAN SHALL VERIFY THAT GENERATOR IS INSTALLED SO THAT ELECTRICAL BACK-FEEDS ARE NOT POSSIBLE.
2. ELECTRICIAN SHALL VERIFY THAT GROUNDING IS INSTALLED SO THAT NO CIRCULATING CURRENTS ARE POSSIBLE BY FOLLOWING DETAIL 3 SO GROUNDING IS CONNECTED TO EXISTING TOWER GROUND FIELD.
3. ALL LIGHTNING GROUNDING SHALL BE FREE OF KINKS AND SHALL HAVE LONG RADIUS BENDS (MINIMUM 8").
4. ALL GROUNDING SHOULD BE INSTALLED PER CURRENT NEC, SECTION 250.
5. USE #2 AWG SOLID TINNED COPPER WIRE TO EXISTING (2) FENCE POSTS AND CADWELD FROM GENERATOR GROUND RING

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SITE NUMBER:
10050975

SITE NAME:
GLASTONBURY BELL ST.

SITE ADDRESS:
577 BELL STREET
GLASTONBURY, CT 06033

STAMP HERE:	
DRAWN BY:	CJG
CHECKED BY:	SNA
DATE DRAWN:	01-21-2014
JOB NO:	10050975

SHEET TITLE:
GROUNDING DETAILS

SHEET NUMBER:	REV. #
G-1	1