



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
94/96 East High St., East Hampton, CT 06424 (FA# 10035422)**

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 117-6' tower and a lease area housing equipment cabinets. The cabinets house 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 will 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 East Hampton. A copy of this submission is also being sent to Pauls and Sandys Too, Inc., 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

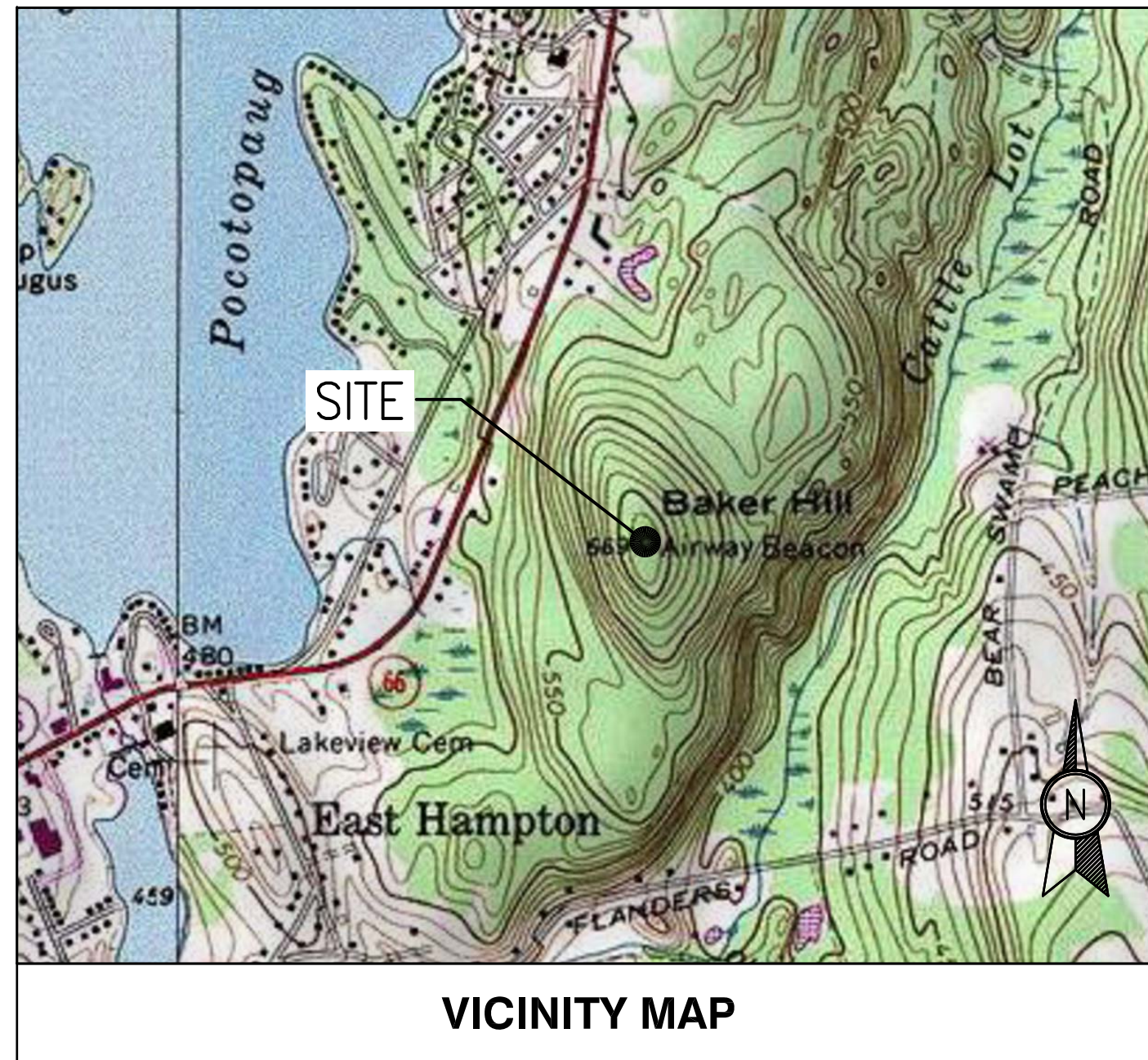
On behalf of AT&T

c/o Tower Resource Management, Inc.
16 Chestnut Street, Suite 220
Foxboro, MA 02035

cc: **Town of East Hampton, CT**
Pauls and Sandys Too, Inc.

Exhibit 1

Site Plan



VICINITY MAP



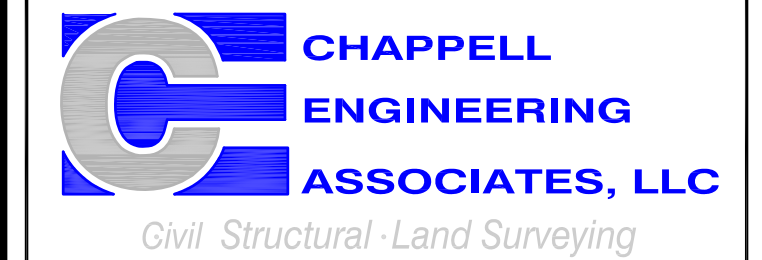
BACKUP POWER PROJECT

SITE IDENTIFICATION
SITE NUMBER: 10035422
SITE NAME: EAST HAMPTON

CROWN SITE # 876352
SITE ADDRESS: 96 EAST HIGH STREET
EAST HAMPTON, CT 06424



LOCAL MAP



Civil Structural - Land Surveying
 R.K. EXECUTIVE CENTRE
 201 BOSTON POST ROAD WEST,
 SUITE 301
 MARLBOROUGH, MA 01752
 (508) 481-7400
 www.chappellengineering.com



TOWER RESOURCE MANAGEMENT
 30 LYMAN STREET
 WESTBOROUGH, MA 01581
 PHONE: (508) 389-1731
 www.trmcom.com



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



Know what's below.
 Call before you dig.

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

PROJECT TEAM	PROJECT SUMMARY	PROJECT NOTES	SHEET INDEX				
<p>ENGINEER: CHAPPELL ENGINEERING ASSOCIATES, LLC 201 BOSTON POST ROAD WEST, SUITE 101 MARLBOROUGH, MA 01752 508-481-7400</p> <p>APPLICANT: AT&T MOBILITY 550 COCHITUATE ROAD SUITES 13 & 14 FRAMINGHAM, MA 01701</p> <p>CUSTOMER REPRESENTATIVE: SABRE INDUSTRIES PEGGY POOR MARKET LEAD - AT&T NE GENERATOR PROGRAM 13010 MORRIS ROAD, 6TH FLOOR, BLDG 1 ALPHARETTA, GA 30004 770-990-0137</p> <p>LANDLORD: CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317</p> <p>UTILITIES: POWER COMPANY: CONNECTICUT LIGHT & POWER P.O. BOX 270 HARTFORD, CT 06141 (800) 286-2000</p>	<p>GEOGRAPHIC COORDINATES: LATITUDE: N 41.587269° LONGITUDE: W 72.488731°</p> <p>CODE BLOCK: CT BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE</p> <p>AT&T OPS FOR POWER CUT OVER: NEED 24 HOUR NOTICE TO OPEN A TAP TICKET DIAL: 1-800-638-2822 SELECT OPTION 1, THEN OPTION 2</p> <p>MUX NOTE: 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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.</p>	<ol style="list-style-type: none"> THE FACILITY IS UNMANNED A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED HANDICAP ACCESS IS NOT REQUIRED <p>PROJECT LOCATION DIRECTIONS</p> <ul style="list-style-type: none"> - TAKE I-90 WEST TOWARDS SPRINGFIELD/ALBANY NY - TAKE EXIT 9 TO MERGE ONTO I-84 TOWARDS US-20 /HARTFORD/NEW YORK CITY - TAKE EXIT 55 ON LEFT ONTO CT-2 EAST TOWARD NORWICH - TAKE EXIT 13 ONTO CT-66 WEST - TURN LEFT ONTO LAKE VISTA DRIVE - SITE IS AT THE END 	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
			T-1	TITLE SHEET, VICINITY MAP & GENERAL INFORMATION	0	02/03/14	DKJ
			A-1	SITE PLAN	0	02/03/14	DKJ
			A-2	CONCRETE PAD DETAILS	0	02/03/14	DKJ
			E-1	GENERATOR WIRING DIAGRAM	0	02/03/14	DKJ
			E-2	ELECTRICAL DETAILS	0	02/03/14	DKJ
			E-3	GENERATOR CONTROL & ALARM WIRING	0	02/03/14	DKJ
			G-1	GROUNDING & TRENCH DETAILS	0	02/03/14	DKJ

SITE NUMBER:
 10035422

SITE NAME:
 EAST HAMPTON
 CROWN SITE # 876352

SITE ADDRESS:
 96 EAST HIGH STREET
 EAST HAMPTON, CT 06424

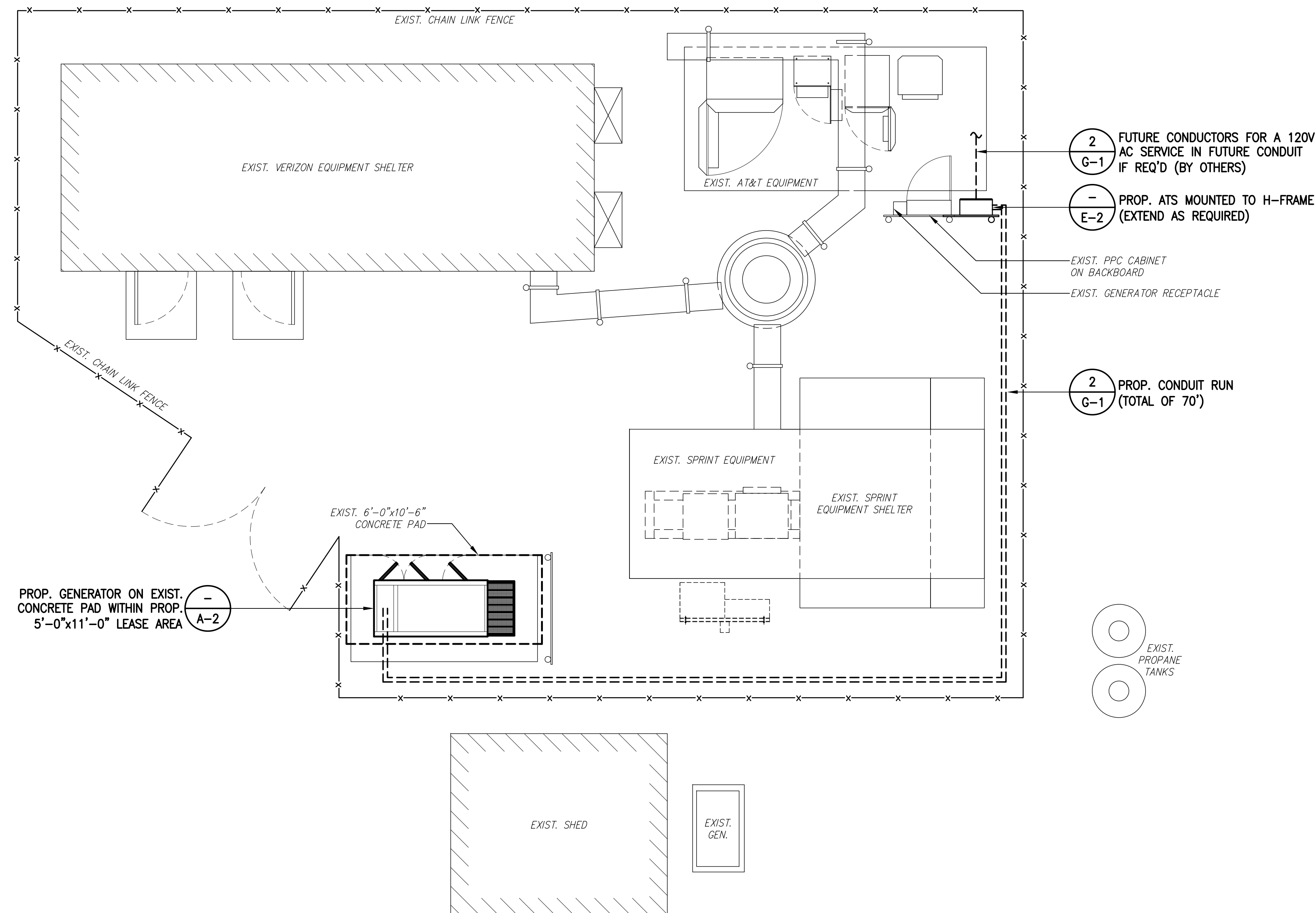
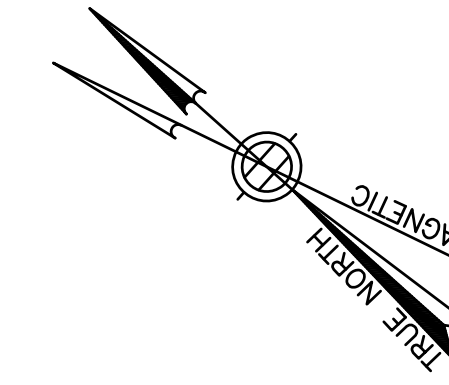
ENGINEER/LAND SURVEYOR	DATE
DRAWN BY: DKJ	
CHECKED BY: JMT	
DATE DRAWN: 02/03/14	
GEA JOB NUMBER: 1337.017	

DRAWING TITLE:
 TITLE SHEET
 VICINITY MAP &
 GENERAL INFO

DRAWING NO: T-1	REVISION: 0
---------------------------	-----------------------

NOTES:

1. A SITE VISIT/SURVEY WAS NOT CONDUCTED BY CHAPPELL ENGINEERING ASSOCIATES. SITE PLAN REFERENCED FROM DRAWINGS ENTITLED "EAST HAMPTON" BY DEWBERRY ENGINEERS, DATED 6/28/12.
2. ELECTRICAL CONTRACTOR SHALL MAINTAIN ALL MANUFACTURER'S REQUIRED CLEARANCES FOR GENERATOR AND AUTOMATIC TRANSFER SWITCH.
3. 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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.
4. CONTRACTOR TO MAINTAIN 3'-0" MINIMUM WORKING CLEARANCE ON ALL SIDES OF GENERATOR. CONTRACTOR TO CONTACT ENGINEER IF 3'-0" CLEARANCE CAN NOT BE MAINTAINED.

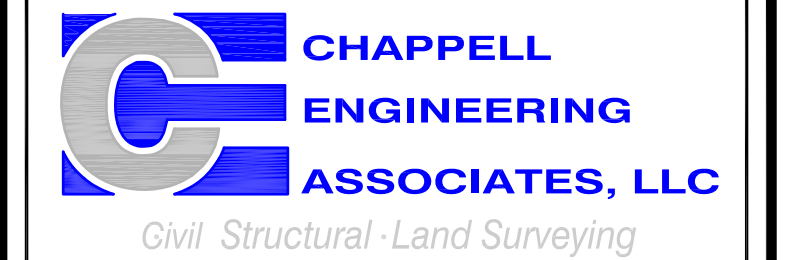


SITE PLAN

SCALE: 1/4" = 1'-0"



1
A-1



R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST,
SUITE 301
MARLBOROUGH, MA 01752
(508)481-7400
www.chappellengineering.com



TOWER RESOURCE MANAGEMENT
30 LYMAN STREET
WESTBOROUGH, MA 01581
PHONE: (508) 389-1731
www.trmcom.com



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

SITE NUMBER:

10035422

SITE NAME:

EAST HAMPTON
CROWN SITE # 876352

SITE ADDRESS:

96 EAST HIGH STREET
EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR DATE

DRAWN BY:	DKJ
CHECKED BY:	JMT
DATE DRAWN:	02/03/14
CEA JOB NUMBER:	1337.017

DRAWING TITLE:

SITE PLAN

DRAWING NO.:

A-1

REVISION:

0

SITE NUMBER:

10035422

SITE NAME:

EAST HAMPTON
CROWN SITE # 876352

SITE ADDRESS:

96 EAST HIGH STREET
EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR DATE

DRAWN BY:	DKJ
CHECKED BY:	JMT
DATE DRAWN:	02/03/14
GEA JOB NUMBER:	1337.017

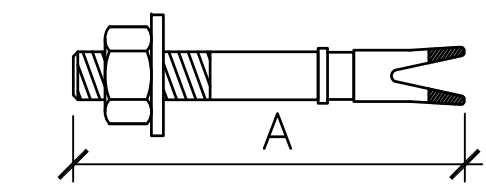
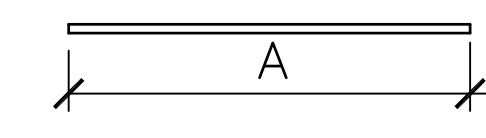
DRAWING TITLE:

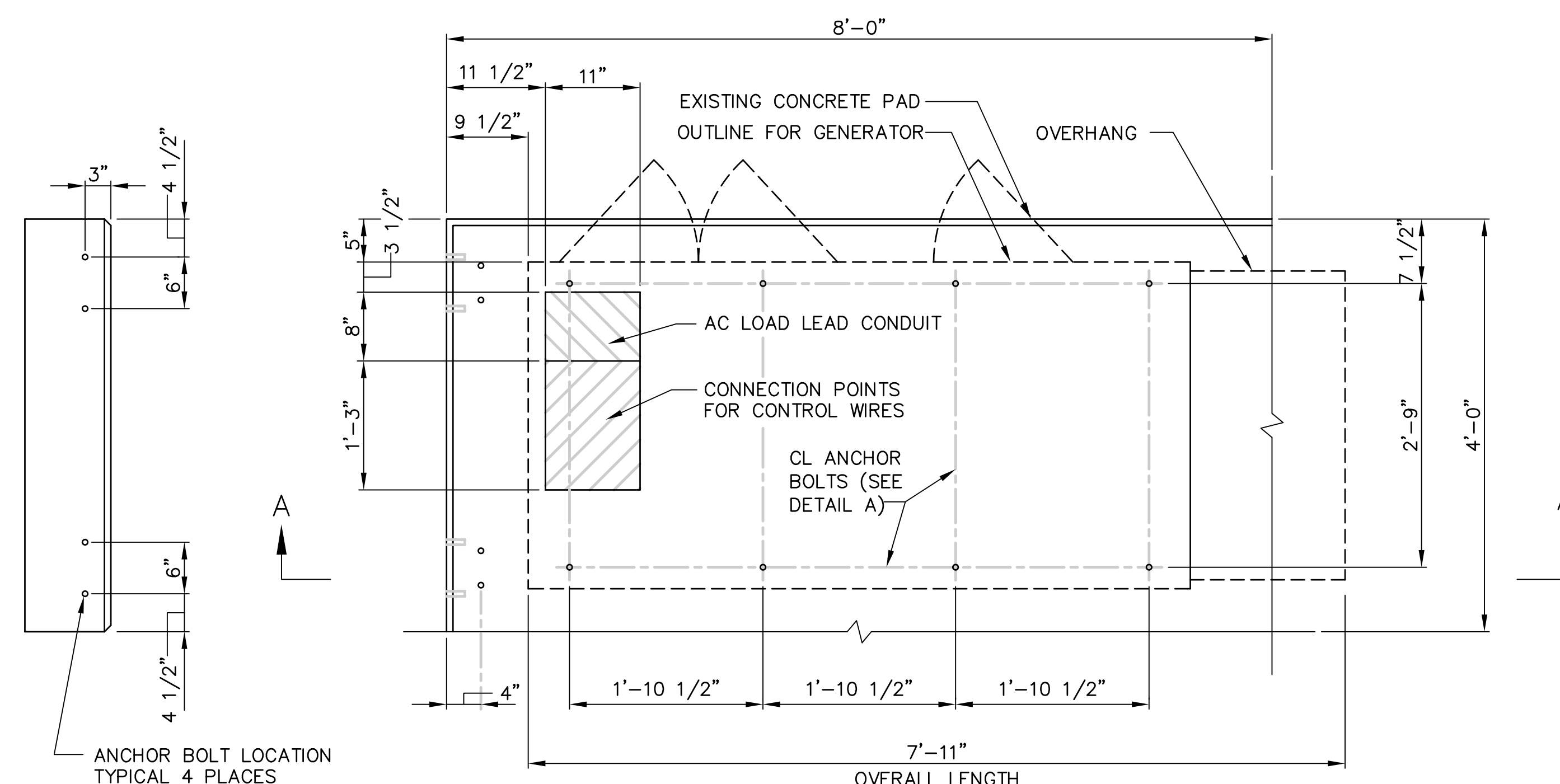
**CONCRETE PAD
DETAILS**

DRAWING NO. REVISION:

A-2

0

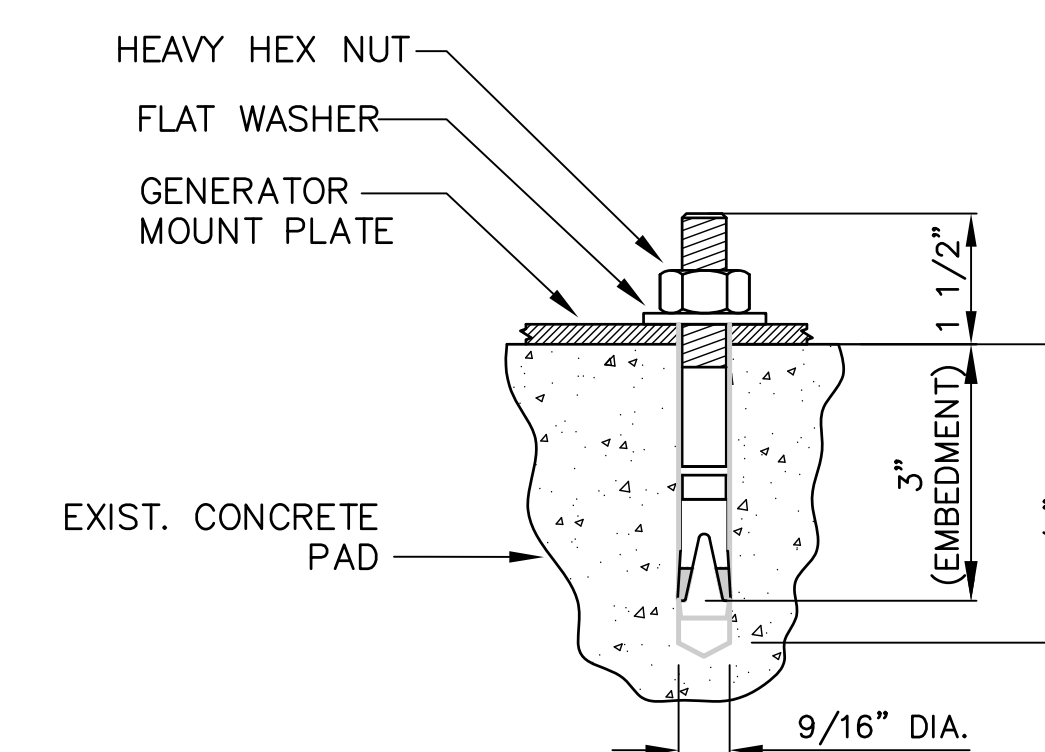
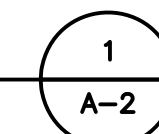
MATERIALS LIST (FOR ONE CONCRETE PAD)						
QTY REQ'D.	SIZE	TOTAL LENGTH	TOTAL WEIGHT (LBS)	TYPE	BENDING DIAGRAM	
					DIMENSION	
20	1/2"	4 1/2" LONG WITH 2 7/8" THREAD	--	"HILTI" KWIK BOLT 3 EXPANSION ANCHOR	A= 4 1/2"	
0	#4	9'-9 1/2"	78	STRAIGHT	A= 9'-9 1/2"	
0	#4	7'-9 1/2"	94		A= 7'-9 1/2"	
0	#4	7'-9 3/8"	21		A= 7'-9 3/8"	
0	#4	2'-7 1/2"	11		A= 2'-7 1/2"	
0	#4	0'-5 5/8"	2		A= 0'-5 5/8"	
STANDARD REBAR SIZES & WEIGHTS						
BAR NO	LBS PER FT.	DIA. INCHES	GRADE			
4	.6676	.500	60			



PLAN VIEW

CONCRETE SLAB (GENERATOR FOUNDATION)

SCALE: NOT TO SCALE



DETAIL A
SCALE: NOT TO SCALE

"HILTI" KWIK BOLT 3 EXPANSION ANCHOR NOTES:

- 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.

DESIGN

- MAXIMUM DESIGN BASIC WIND SPEED (3-SECOND GUST):
- 135 MPH FOR GENERATOR MODELS SD050 AND SD080.
- 115 MPH FOR GENERATOR MODELS SD130 AND SD150.

CONCRETE AND REINFORCING STEEL NOTES:

- ALL CONCRETE CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI 318-95) BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND (ACI 301) STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACIW301, ACIW318, ASTM A184 AND ASTM A185.
- MINIMUM ALLOWABLE CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 28 DAYS WHEN TESTED IN ACCORDANCE WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS METHODS STANDARDS ASTM C172, ASTM C31 AND ASTM C39 UNLESS NOTED OTHERWISE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDING WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE.
- DETAILING SHALL BE ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES (ACI STD-315-92).
- CHAMFER ALL EXPOSED EDGES OF CONCRETE 3/4" IN ACCORDANCE WITH ACI 301 SECTION 4.2.2 UNLESS OTHERWISE NOTED.
- REINFORCING STEEL SHALL BE IN ACCURATELY PLACED AND ADEQUATELY SECURED IN POSITION. LOCATION OF REINFORCEMENT SHALL BE INDICATED ON THE DRAWINGS. CONCRETE COVER SHALL BE 3" MINIMUM.
- TOP OF FOUNDATION TO HAVE A "BRUSH FINISH".
- EXPOSED FINISHED SURFACE IS NOT TO HOLD WATER.
- ALL SURFACES ARE TO BE CLEANED OF ANY RESIDUAL CONCRETE FROM SPLASHING OR SPILLS.

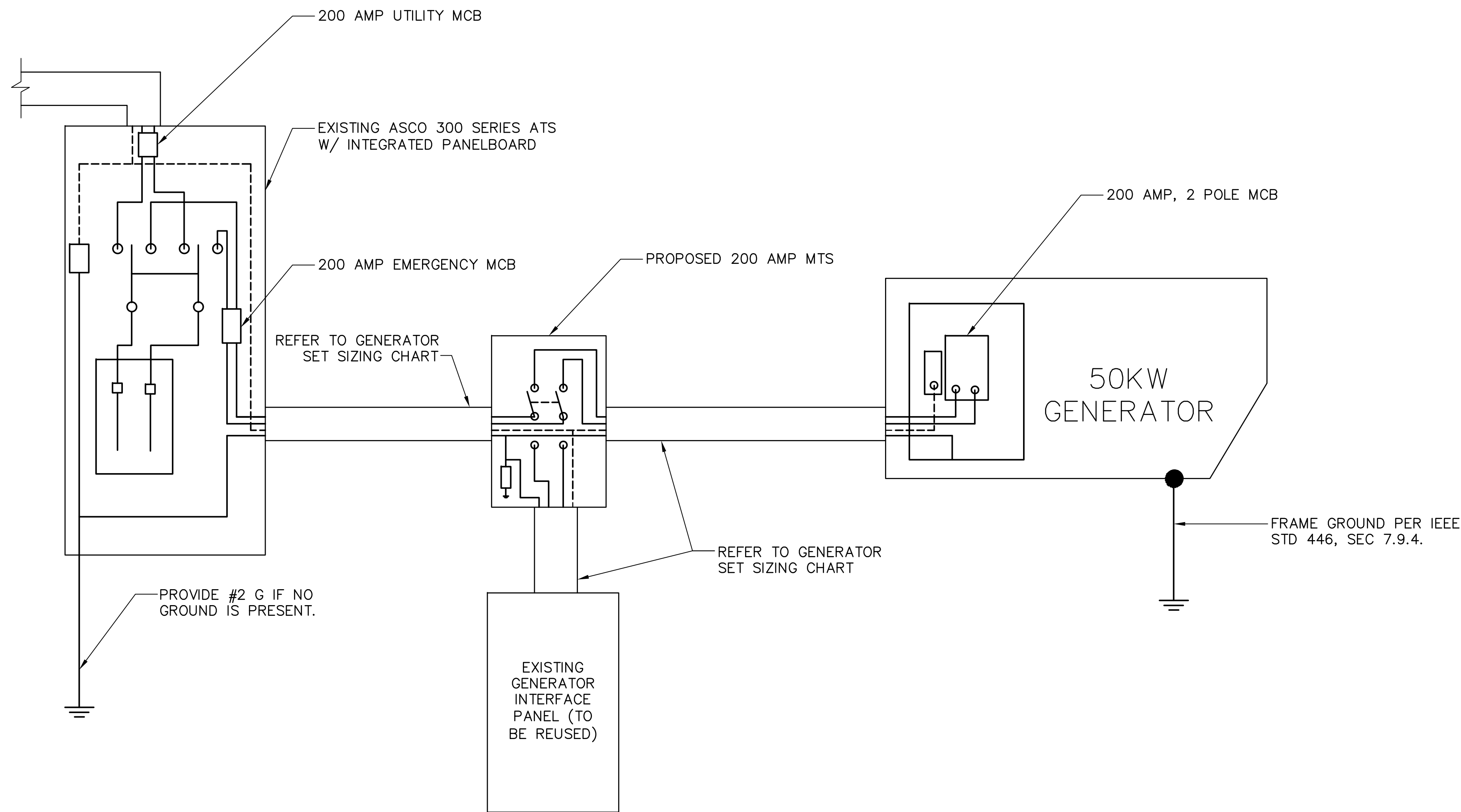
SOIL COMPACTION NOTES FOR SLAB ON GRADE:

- EXCAVATE AS REQUIRED TO REMOVE VEGETATION & TOPSOIL, EXPOSE UNDISTURBED NATURAL SUB GRADE AND PLACE CRUSHED STONE AS REQUIRED.
- COMPACTION CERTIFICATION: AN INSPECTION AND WRITTEN CERTIFICATION BY A QUALIFIED GEO TECHNICAL OR ENGINEER IS ACCEPTABLE.
- AS AN ALTERNATIVE TO INSPECTION AND WRITTEN CERTIFICATION, THE "UNDISTURBED SOIL" BASE SHALL BE COMPACTED WITH "COMPACTION EQUIPMENT", LISTED BELOW, TO AT LEAST 90% MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM D 1557 METHOD C.
- COMPACTED SUB BASE SHALL BE UNIFORM & LEVELED. PROVIDE 6" MINIMUM CRUSHED STONE OR GRAVEL COMPACTED IN 3" LIFTS ABOVE COMPACTED SOIL. GRAVEL SHALL BE NATURAL OR CRUSHED WITH 100% PASSING 1" SIEVE.
- AS AN ALTERNATIVE TO ITEMS 2 AND 3 PROOF ROLL THE SUB GRADE SOILS WITH 5 PASSES OF A MEDIUM SIZED VIBRATORY PLATE COMPACTOR (SUCH AS BOMAG BPR 30/38) OR HAND-OPERATED SINGLE DRUM VIBRATORY ROLLER (SUCH AS BOMAG BW 55E). ANY SOFT AREAS THAT ARE ENCOUNTERED SHOULD BE REMOVED AND REPLACED WITH A WELL-GRADED GRANULAR FILL AND COMPACTED AS STATED ABOVE.

COMPACTION EQUIPMENT:

- HAND OPERATED DOUBLE DRUM, VIBRATORY ROLLER, VIBRATORY PLATE COMPACTOR OR JUMPING JACK COMPACTOR.

MUX NOTE:
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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.



SINGLE CARRIER WIRING DIAGRAM
SCALE: NOT TO SCALE

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:
- SERVICE VOLTAGE FOR EACH CARRIER IS 120/240 1-PHASE, AND SERVICE SIZES ARE TYPICAL 200A PER CARRIER.
 - 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.
 - AUTOMATIC TRANSFER SWITCH (ATS) ARE 200A 2-POLES, 120/240V 1-PHASE WITH SOLID NEUTRAL PER CARRIER.
 - ALL ELECTRICAL EQUIPMENT IS NEMA 3R RATED.
 - THE GENERATOR ELECTRICAL LOADS ARE ADEQUATE FOR THE CONNECTED LOADS.
 - ALL EQUIPMENT FURNISHED SHALL BE PROVIDED WITH EQUIPMENT RATED TO WITHSTAND FAULT CURRENT AVAILABLE AT PROJECT SITE.
 - ALL WIRE AND PANEL BUSSING SHALL BE COPPER UNLESS ALLOWED ELSEWHERE IN THIS DOCUMENT SET, WIRE SIZES ARE BASED ON COPPER.
 - A NEW SET OF PLANS WILL BE PROVIDED AND SUBMITTED FOR ADDITIONAL CARRIERS.
 - ALL WORK SHALL CONFORM 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 DOWNSTREAM OF THE FIRST OVER-CURRENT PROTECTION DEVICE.
 - INLINE BREAKER AT GENERATOR IS FACTORY INSTALLED, AND IS THE MANUFACTURER'S RECOMMENDED SIZE.

GENERATOR SET SIZING CHARTS
SCALE: NOT TO SCALE

- NOTES:
- ALL UNDERGROUND CABLE TO BE BURIED AT 36" MIN. SHIELD TAPED AT 12" AND STUBBED OUT OF GROUND IN SCH 40 PVC CONDUIT.
 - LOW VOLTAGE CONTROL WIRE PROVIDED BY MONITORING PROVIDER IN SEPARATE 1/2" CONDUIT FROM ATS TO GENERATOR.
 - 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 TOWER.
 - 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.
 - 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.
 - GENERATOR CONTROLS AND SENSORS SHALL HAVE GFCI SENSING CAPABILITY PER NEC 700-6(D).

MUX NOTE:
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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

CHAPPELL ENGINEERING ASSOCIATES, LLC
Civil Structural - Land Surveying
R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST, SUITE 301
MARLBOROUGH, MA 01752
(508)481-7400
www.chappellengineering.com

TRM
TOWER RESOURCE MANAGEMENT
30 LYMAN STREET
WESTBOROUGH, MA 01581
PHONE: (508) 389-1731
www.trmcom.com

at&t
AT&T MOBILITY
550 COCHITUATE ROAD
SUITES 13 & 14
FRAMINGHAM, MA 01701

SITE NUMBER:
10035422
SITE NAME:
EAST HAMPTON
CROWN SITE # 876352
SITE ADDRESS:
96 EAST HIGH STREET
EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR	DATE
DRAWN BY: DKJ	
CHECKED BY: JMT	
DATE DRAWN: 02/03/14	
GEA JOB NUMBER: 1337.017	

DRAWING TITLE:
GENERATOR WIRING DIAGRAM

DRAWING NO: E-1	REVISION: 0
--------------------	----------------

MUX NOTE:
 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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

CHAPPELL ENGINEERING ASSOCIATES, LLC
Civil Structural Land Surveying
 R.K. EXECUTIVE CENTRE
 201 BOSTON POST ROAD WEST, SUITE 301
 MARLBOROUGH, MA 01752
 (508)481-7400
 www.chappellengineering.com

TRM
 TOWER RESOURCE MANAGEMENT
 30 LYMAN STREET
 WESTBOROUGH, MA 01581
 PHONE: (508) 389-1731
 www.trmcom.com

at&t
 AT&T MOBILITY
 550 COCHITUATE ROAD
 SUITES 13 & 14
 FRAMINGHAM, MA 01701

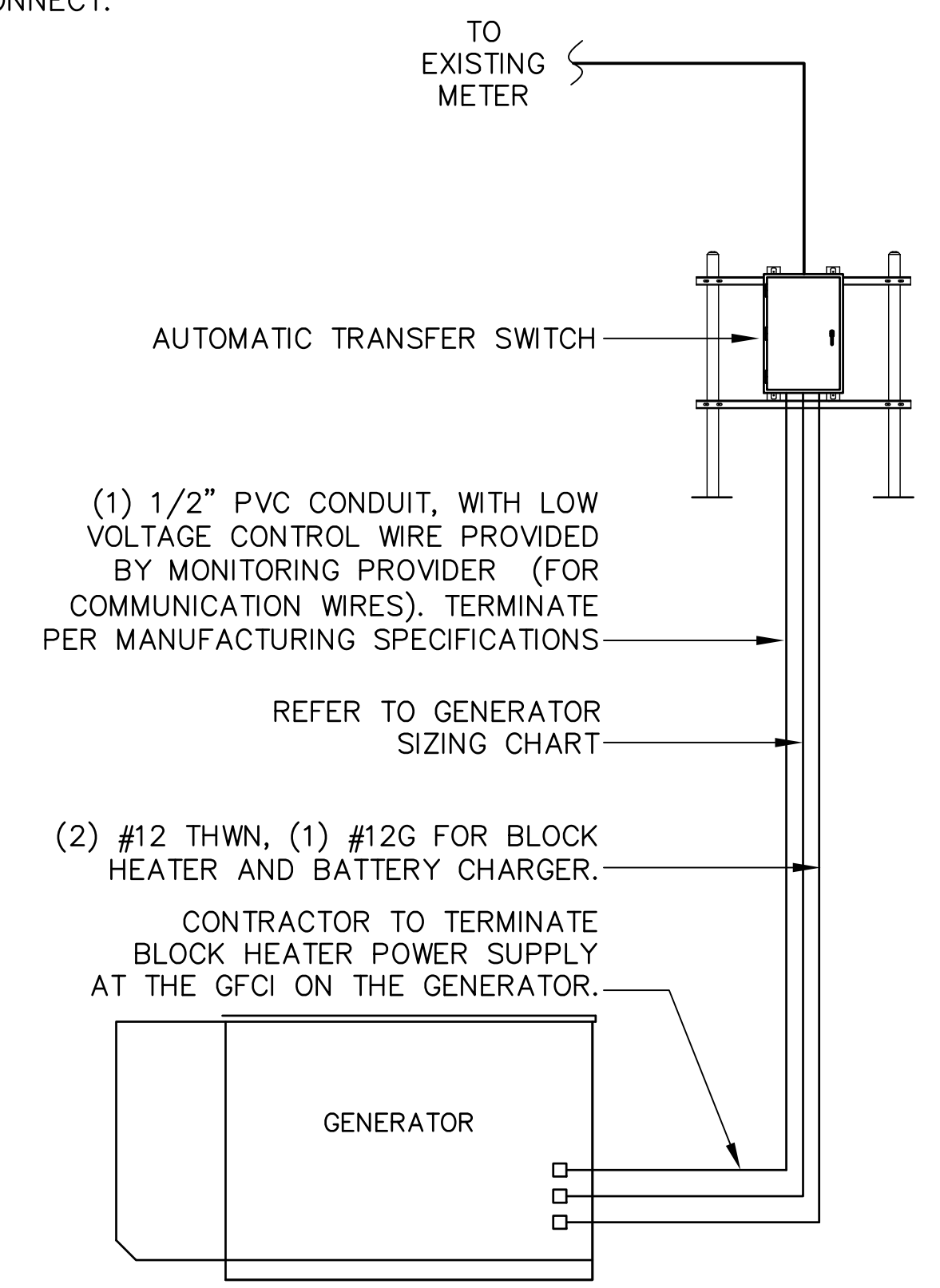
SITE NUMBER:
 10035422
 SITE NAME:
 EAST HAMPTON
 CROWN SITE # 876352
 SITE ADDRESS:
 96 EAST HIGH STREET
 EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR	DATE
DRAWN BY: DKJ	
CHECKED BY: JMT	
DATE DRAWN: 02/03/14	
CEA JOB NUMBER: 1337.017	

DRAWING TITLE:
 ELECTRICAL
 DETAILS

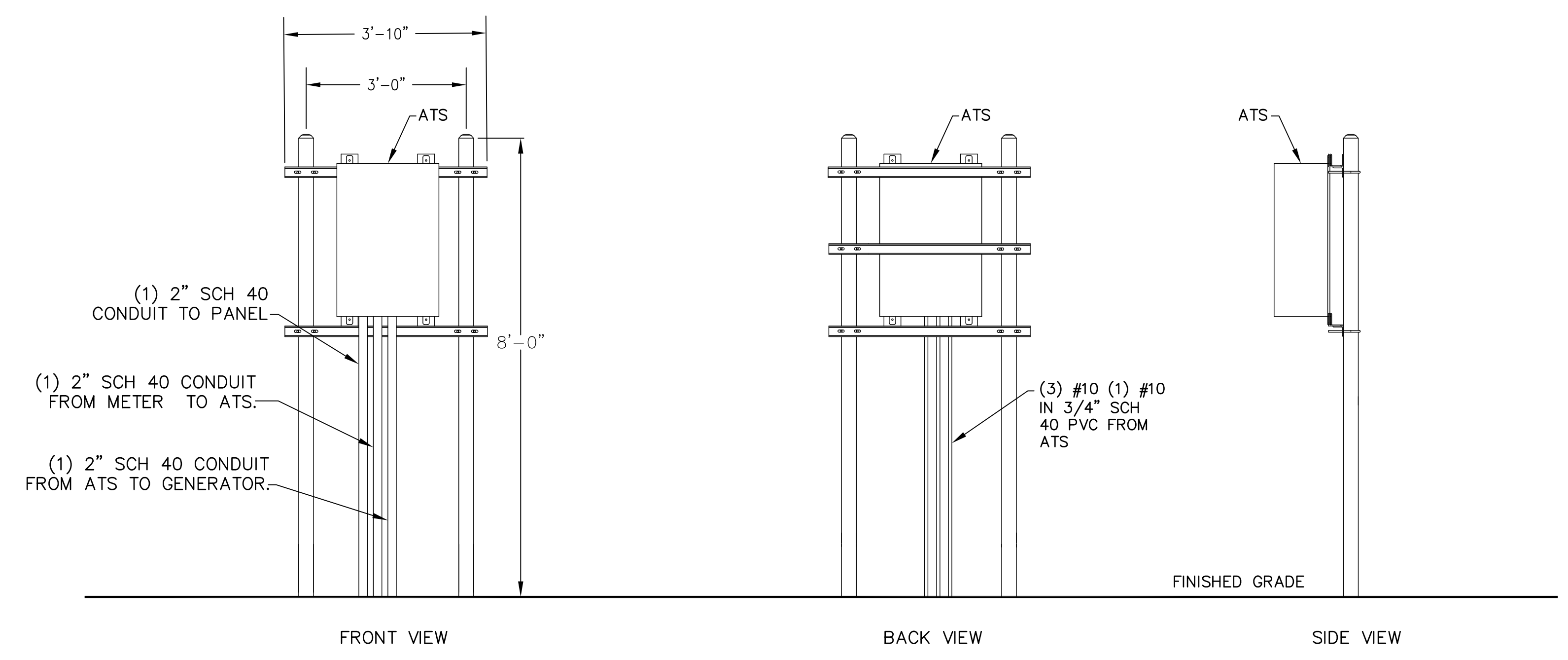
DRAWING NO: E-2	REVISION: 0
--------------------	----------------

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 1
 SCALE: NOT TO SCALE E-2



AUTOMATIC TRANSFER SWITCH LAYOUT 2
 SCALE: NOT TO SCALE E-2

SITE GENERATOR CONTROL & ALARMS RECEPTACLE								
Distributor for Deutsch connectors is LADD Industries. Contact: Melissa Watkins (800)-223-1236 melissaw@laddinc.com			LADD website: LADD Industries- Deutsch IPD Electrical Connectors					
GENERATOR FUNCTION	DEUTSCH DTM0412PA-L012 SITE RECEPTACLE FOR GENERATOR ALARMS & CONTROL		CONNECTING CABLE			SITE CONNECTIONS	NOTES	
	SOCKET PART #	PIN #	TYPE & PART #	SIZE	COLOR			
(CONTROL) AUTOMATIC START/STOP	#16 AWG 1062-20-0122	1	SJTO (2 Conductor) ANIXTER #4BT-1602	#16 AWG	BLACK	AUTO TRANSFER SWITCH ENGINE CONTROL LEADS (FOR CINGULAR STANDARD: INTERSECT/ASCO USE TB 14 & 15 - SEE CONTROL WIRING WORKSHEET)	"CLOSE" = ENGINE START (NO)	
	#16 AWG 1062-20-0122	2		#16 AWG	WHITE			
(ALARM) GENERATOR RUNNING	#22 AWG 0462-201-20141	3	(10 Conductor) BELDEN 8456	#22 AWG	BLACK	SITE EXTERNAL ALARM BLOCK (GENERATOR RUNNING-MAJOR)	"CLOSE" = ALARM (NO)	
	#22 AWG 0462-201-20141	4		#22 AWG	WHITE			
(ALARM) GENERATOR LOW FUEL	#22 AWG 0462-201-20141	5		#22 AWG	RED	SITE EXTERNAL ALARM BLOCK (GENERATOR LOW FUEL-CRITICAL)	"CLOSE" = ALARM (NO)	
	#22 AWG 0462-201-20141	6		#22 AWG	GREEN			
(ALARM) GENERATOR FAIL - MAJOR (SHUTDOWN)	#22 AWG 0462-201-20141	7		#22 AWG	BROWN	SITE EXTERNAL ALARM BLOCK (GENERATOR FAIL - CRITICAL)	"CLOSE" = ALARM (NO)	
	#22 AWG 0462-201-20141	8		#22 AWG	BLUE			
(ALARM) GENERATOR MISSING (THEFT)	#22 AWG 0462-201-20141	9		#22 AWG	ORANGE	SITE EXTERNAL ALARM BLOCK (GENERATOR MISSING - MAJOR)	"OPEN" = ALARM (NC)	
	#22 AWG 0462-201-20141	10		#22 AWG	YELLOW			
(ALARM) GENERATOR WARNING - MINOR (NON-SHUTDOWN)	#22 AWG 0462-201-20141	11		#22 AWG	PURPLE	SITE EXTERNAL ALARM BLOCK (GENERATOR WARNING - MAJOR)	"CLOSE" = ALARM (NO)	
	#22 AWG 0462-201-20141	12		#22 AWG	GRAY			
NA	WM-12S	RECEPTACLE WEDGE LOCK		NA	NA	NA	NA	NA

MUX NOTE:
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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

CHAPPELL ENGINEERING ASSOCIATES, LLC
Civil Structural - Land Surveying
R.K. EXECUTIVE CENTRE
201 BOSTON POST ROAD WEST,
SUITE 301
MARLBOROUGH, MA 01752
(508)481-7400
www.chappellengineering.com

TRM
TOWER RESOURCE MANAGEMENT
30 LYMAN STREET
WESTBOROUGH, MA 01581
PHONE: (508) 389-1731
www.trmcom.com

at&t
AT&T MOBILITY
550 COCHITUATE ROAD
SUITES 13 & 14
FRAMINGHAM, MA 01701

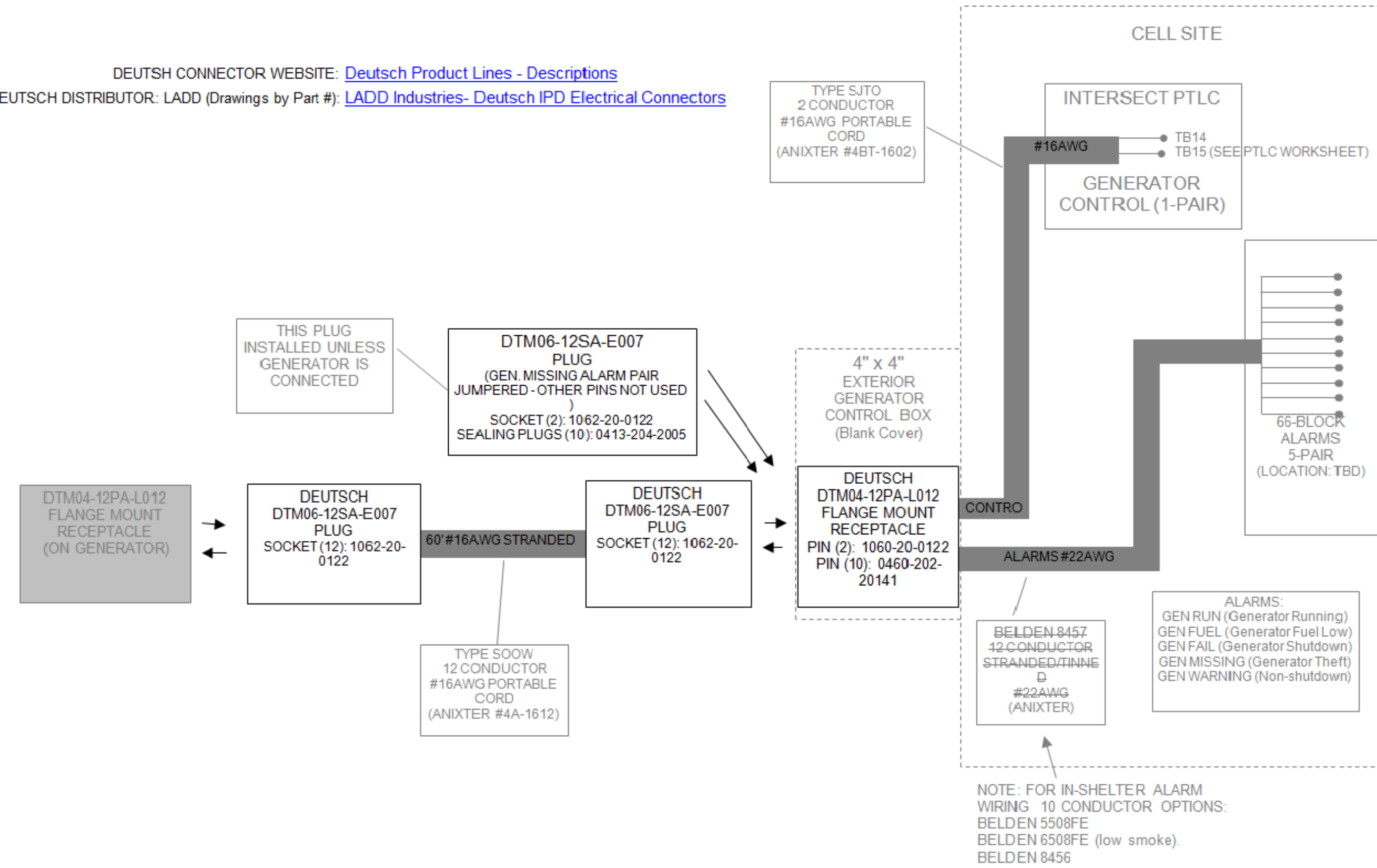
60' GENERATOR ALARM & CONTROL CABLE MATERIALS LIST			
DEUTSCH DTM0612SA-E007 CABLE PLUG FOR GENERATOR ALARMS & CONTROL		CONNECTING CABLE	DEUTSCH DTM0612SA-E007 CABLE PLUG FOR GENERATOR ALARMS & CONTROL
PIN PART #	PIN #	TYPE & PART #	PIN #
#16 AWG 1060-20-0122	1	60' SOOW 12 conductor #16 AWG Generator Alarm Cable ANIXTER #4A-1612	1
#16 AWG 1060-20-0122	2		2
#16 AWG 1060-20-0122	3		3
#16 AWG 1060-20-0122	4		4
#16 AWG 1060-20-0122	5		5
#16 AWG 1060-20-0122	6		6
#16 AWG 1060-20-0122	7		7
#16 AWG 1060-20-0122	8		8
#16 AWG 1060-20-0122	9		9
#16 AWG 1060-20-0122	10		10
#16 AWG 1060-20-0122	11		11
#16 AWG 1060-20-0122	12		12
WM-12P	PLUG WEDGE LOCK	NA	PLUG WEDGE LOCK WM-12P

DEUTSCH DTM0612SA-E007 SITE PLUG FOR GENERATOR MISSING ALARM BYPASS	
PIN PART #	PIN #
DTM SEALING PIN 0413-204-2005	1
DTM SEALING PIN 0413-204-2005	2
DTM SEALING PIN 0413-204-2005	3
DTM SEALING PIN 0413-204-2005	4
DTM SEALING PIN 0413-204-2005	5
DTM SEALING PIN 0413-204-2005	6
DTM SEALING PIN 0413-204-2005	7
DTM SEALING PIN 0413-204-2005	8
#16 AWG 1060-20-0122	9
#16 AWG 1060-20-0122	10
DTM SEALING PIN 0413-204-2005	11
DTM SEALING PIN 0413-204-2005	12
WM-12P	PLUG WEDGE LOCK

JUMPER PINS 9 & 10 USING #16 AWG

GENERATOR CONTROL & ALARM WIRING

DEUTSCH CONNECTOR WEBSITE: Deutsch Product Lines - Descriptions
DEUTSCH DISTRIBUTOR: LADD (Drawings by Part #: LADD Industries- Deutsch IPD Electrical Connectors)



Cingular Wireless Central Region BTS Planning & Standards
DRAFT - 03/06/2006

NOTE: FOR IN-SHELTER ALARM WIRING 10 CONDUCTOR OPTIONS:
BELDEN 5508FE
BELDEN 6508FE (low smoke).
BELDEN 8456

SITE NUMBER:
10035422

SITE NAME:
EAST HAMPTON
CROWN SITE # 876352

SITE ADDRESS:
96 EAST HIGH STREET
EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR	DATE
DRAWN BY: DKJ	
CHECKED BY: JMT	
DATE DRAWN: 02/03/14	
CEA JOB NUMBER: 1337.017	

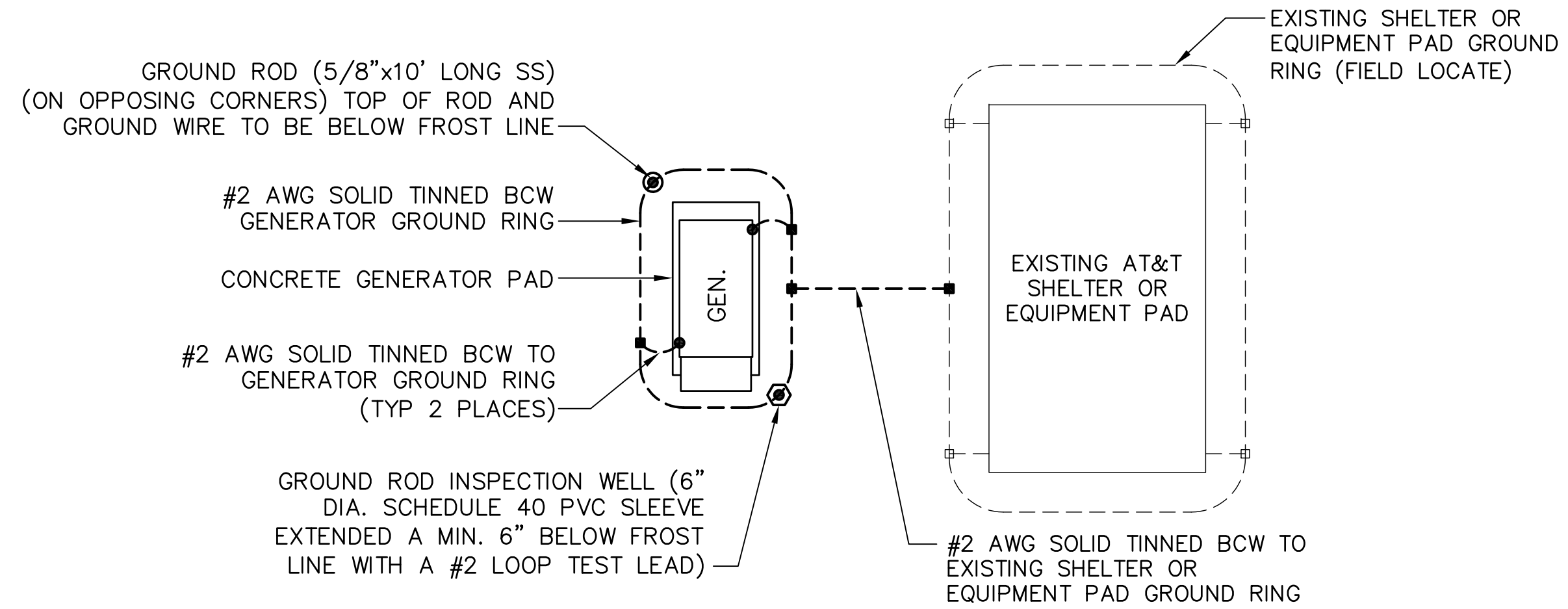
DRAWING TITLE:
GENERATOR CONTROL & ALARM WIRING

DRAWING NO: E-3	REVISION: 0
---------------------------	-----------------------

MUX NOTE:
 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 IS NOT PRESENT. CONTRACTOR IS TO ROUTE NEW SERVICE FROM AT&T EQUIPMENT AREA.

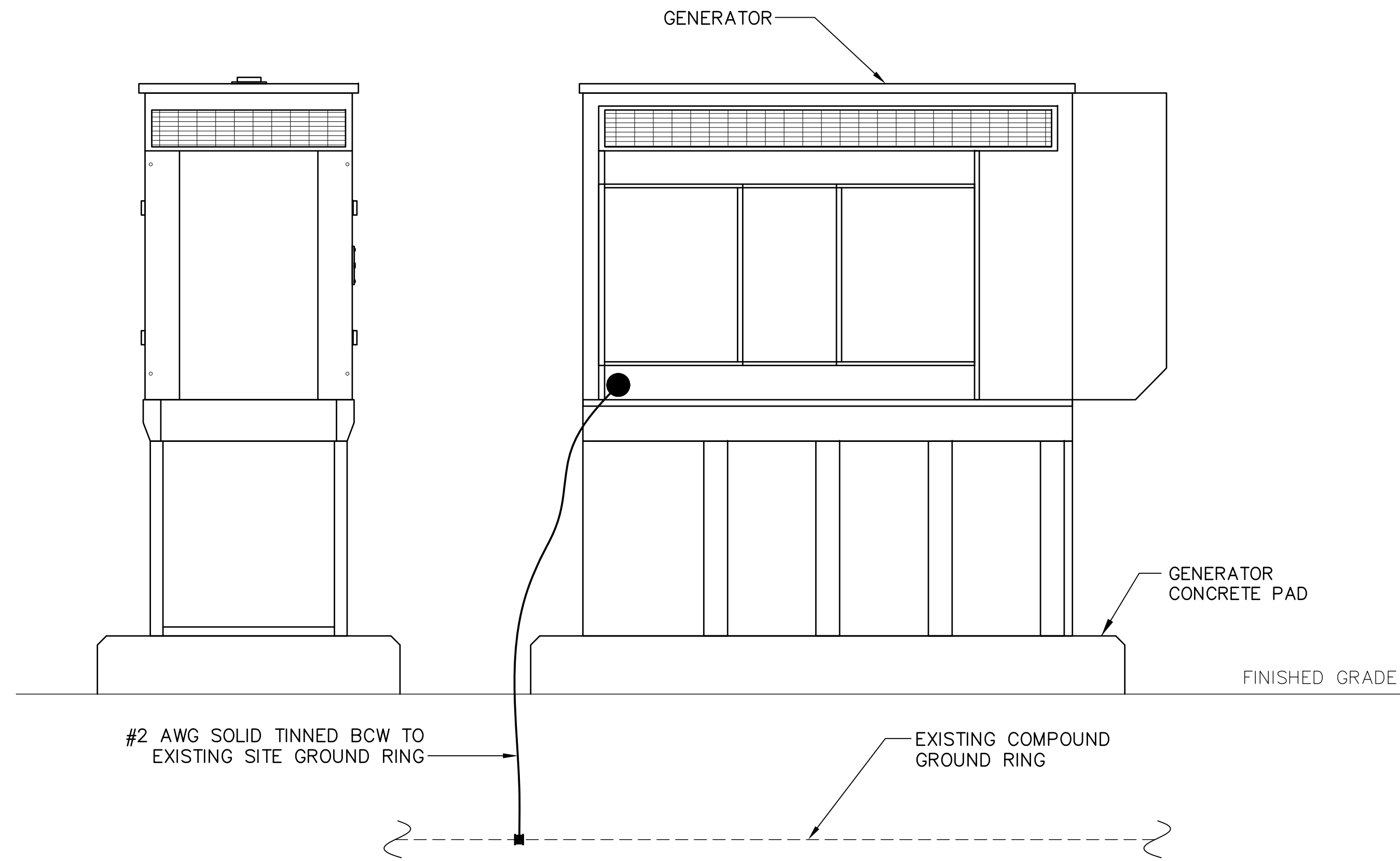
NOTES:

1. ELECTRICIAN SHALL VERIFY THAT GENERATOR IS INSTALLED SO THAT ELECTRICAL BACK-FEEDS ARE NOT POSSIBLE.
2. GENERATOR SYSTEM SHALL BE SOLIDLY GROUNDED PER NEC 250.020.
3. ELECTRICIAN SHALL VERIFY THAT GROUNDING IS INSTALLED SO THAT NO CIRCULATING CURRENTS ARE POSSIBLE SO GROUNDING IS CONNECTED TO EXISTING TOWER GROUND FIELD.
4. ALL LIGHTNING GROUNDING SHALL BE FREE OF KINKS AND SHALL HAVE LONG RADIUS BENDS (MINIMUM 8").
5. ALL GROUNDING SHOULD BE INSTALLED PER CURRENT NEC, SECTION 250.
6. CAD WELD CONNECTION FOR GROUNDING CONDUCTORS BETWEEN PROPOSED AND EXISTING SECTIONS OF FENCE,
7. USE #2 AWG SOLID TINNED COPPER WIRE TO EXISTING (2) FENCE POSTS AND CADWELD FROM GENERATOR GROUND RING

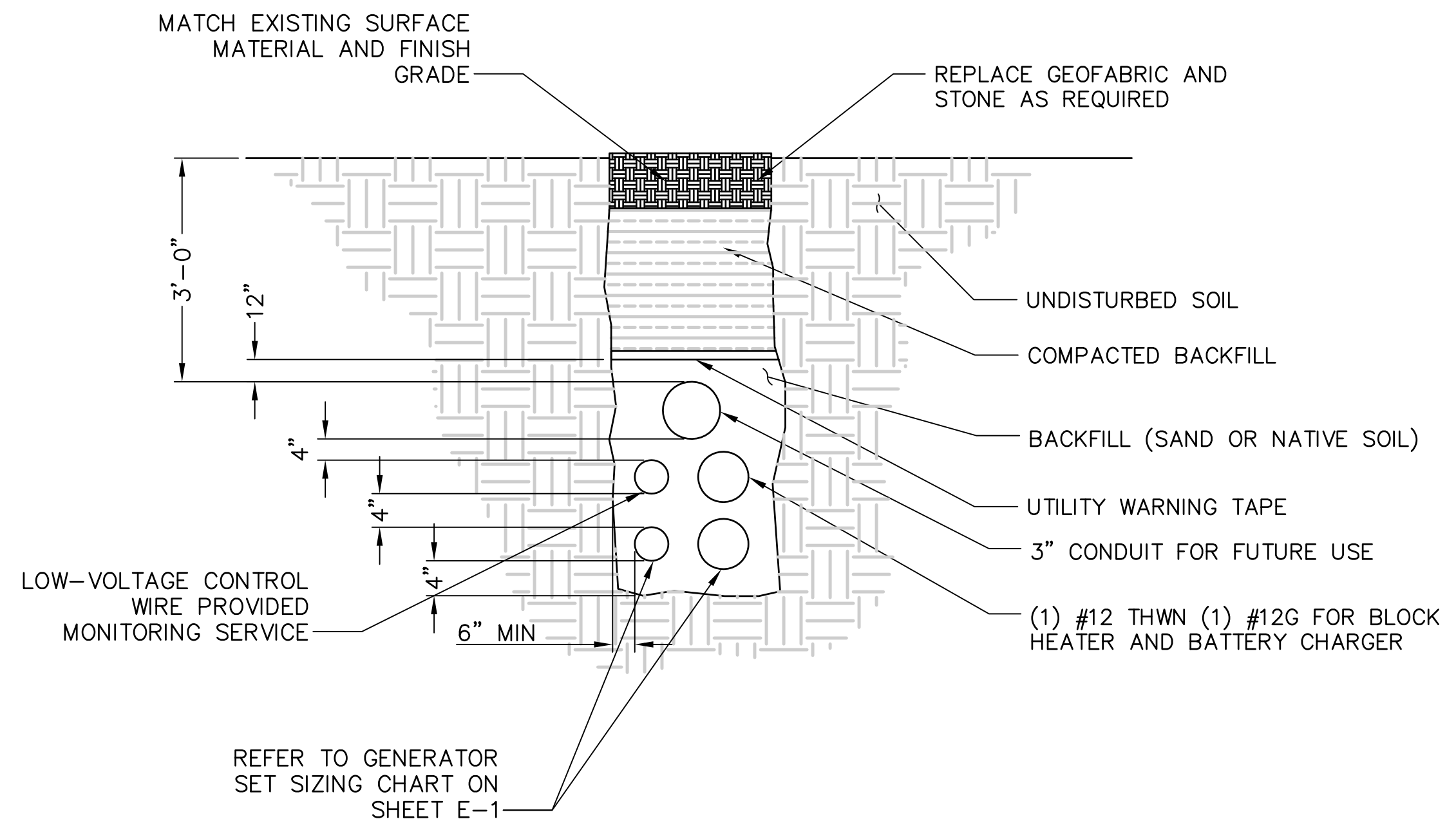


NOTE:
 GROUNDING PLAN SHOWN ABOVE TO BE APPLIED WHEN PROPOSED GENERATOR IS LOCATED MORE THAN 20 FT. FROM AN EXISTING AT&T SHELTER OR EQUIPMENT PAD. FOR ACTUAL ORIENTATION OF PROPOSED GENERATOR WITH THE EXISTING AT&T SHELTER OR EQUIPMENT PAD SEE SITE PLAN DRAWING.

GENERATOR GROUNDING PLAN 3
 SCALE: NOT TO SCALE G-1



GENERATOR ELEVATION 1
 SCALE: NOT TO SCALE G-1



TRENCH DETAIL 2
 SCALE: NOT TO SCALE G-1

CHAPPELL ENGINEERING ASSOCIATES, LLC
 Civil Structural - Land Surveying
 R.K. EXECUTIVE CENTRE
 201 BOSTON POST ROAD WEST, SUITE 301
 MARLBOROUGH, MA 01752
 (508)481-7400
 www.chappellengineering.com

TRM
 TOWER RESOURCE MANAGEMENT
 30 LYMAN STREET
 WESTBOROUGH, MA 01581
 PHONE: (508) 389-1731
 www.trmcom.com

at&t
 AT&T MOBILITY
 550 COCHITUATE ROAD
 SUITES 13 & 14
 FRAMINGHAM, MA 01701

SITE NUMBER:
 10035422
SITE NAME:
 EAST HAMPTON
 CROWN SITE # 876352
SITE ADDRESS:
 96 EAST HIGH STREET
 EAST HAMPTON, CT 06424

ENGINEER/LAND SURVEYOR	DATE
DRAWN BY: DKJ	
CHECKED BY: JMT	
DATE DRAWN: 02/03/14	
GEA JOB NUMBER: 1337.017	

DRAWING TITLE:
 GROUNDING & TRENCH DETAILS

DRAWING NO: G-1	REVISION: 0
---------------------------	-----------------------