### TOWN OF GLASTONBURY

### GL-2015-15

### TOWN HALL EMERGENCY GENERATOR REPLACEMENT ADDENDUM NO. 1 12/12/14

### Bid Due Date: 12/16/14 @ 11:00 A.M.

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. Bidders shall acknowledge this Addendum in the Bid Proposal by inserting its number on Page BP-1.

### Question 1: Who is responsible to empty the fuel from the existing tank as well as cleaning out of tank if required? What is the size of the existing tank?

Answer: The Contractor is responsible for disconnection the fuel line at the existing generator and capping/sealing the fuel line for future removal by the Town. The underground tank shall remain. The Contractor is responsible for removing the generator and all associated fuels, liquids, wiring, etc within the generator in a safe and lawful manner.

### Question 2: Who is responsible for any utility company fees from CNG for the meter?

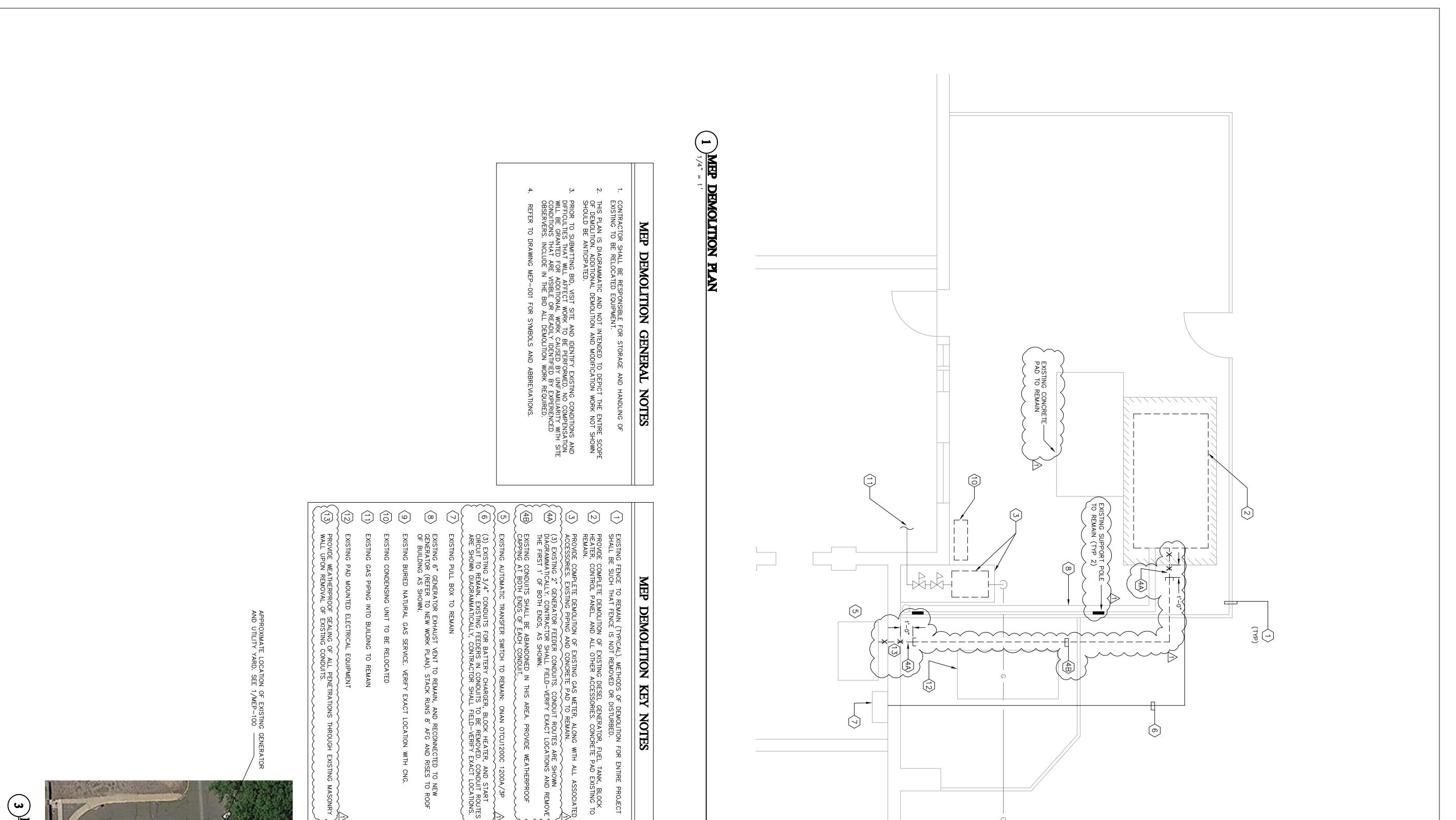
- **Answer:** The Contractor is responsible for CNG fees.
- Question 3: What is the max temp the paint for the exhaust stack needs to withstand?
- Answer: 1218 degrees F

Question 4: Can the feeders from the electrical room to the generator by installed on grade?

**Answer:** Yes, there needs to be careful coordination with existing conditions and the new gas meter. Please refer to the attached sketch with clouded changes for additional information.

Note: This addendum consists of 1 page including the above text and 1 revised drawing (attached)

### END OF TEXT



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## 3 MEP SITE KEY PLAN



APPROXIMATE LOCATION OF EXISTING AND UTILITY YARD. SEE 1/MEP-100 | GENE

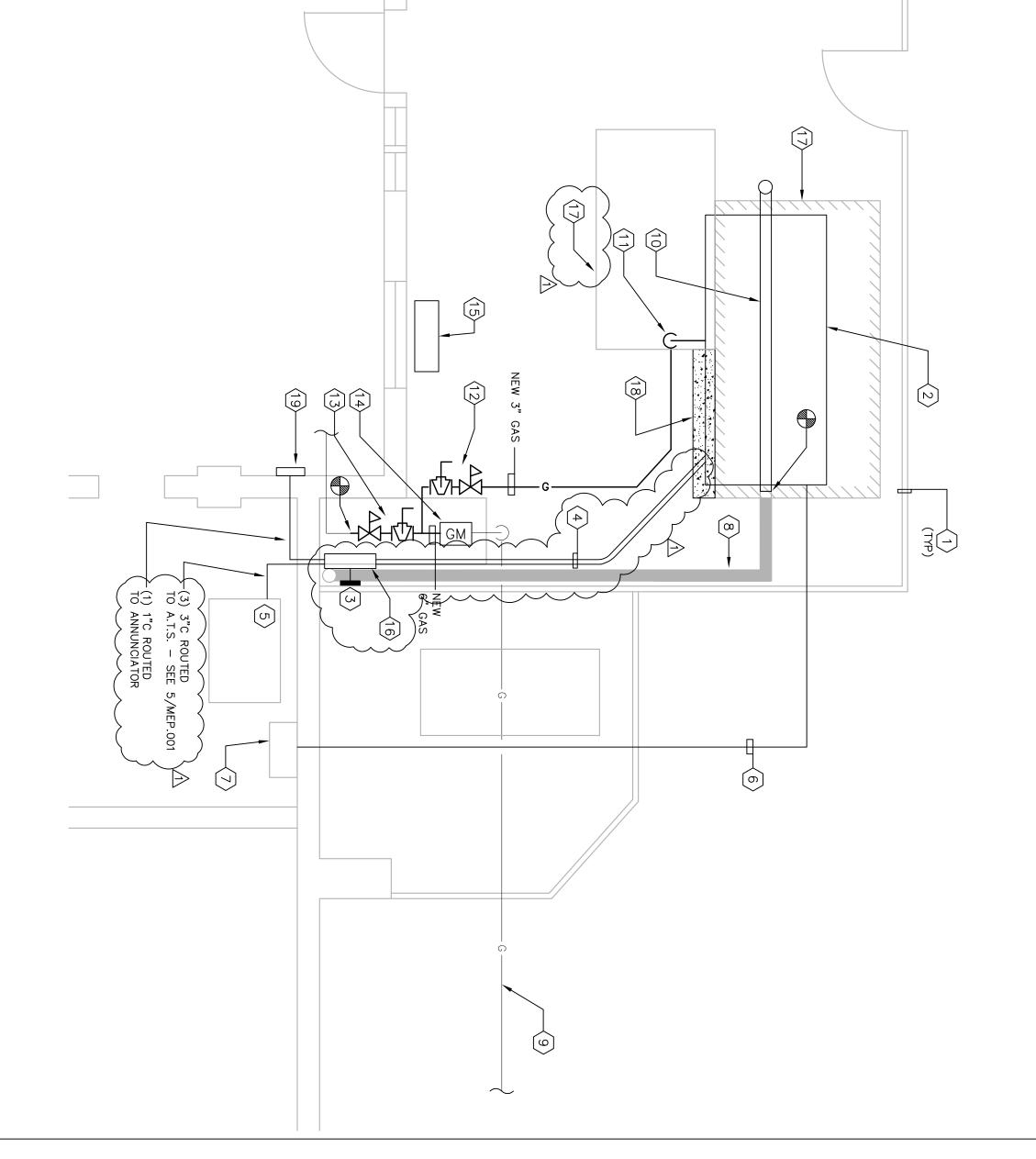
HERPROOF SEALING OF ALL PENETRATI NSING UNIT TO BE RELOCATED ITED ELECTR TO BI G EQUIPMENT TO REMA MASONRY  $\underline{}$ 

D NATURAL GAS SERVICE. VERIFY EXACT LOCATION WITH CNG.

BOX TO REMAIN

WEATHERF

A ALL ASSOCIATED



### MEP NEW WORK GENERAL NOTES

 $2 \underbrace{\text{MEP NEW WORK PLAN}}_{1/4" = 1'}$ 

# REFER TO MEP-001 FOR SYMBOLS AND ABBREVIATIONS. ALL NEW GAS PIPING SHALL BE PAINTED WITH TWO COATS OF RUST INHIBITIVE PAINT. COLOR SHALL BE "SAFETY YELLOW". PROVIDE PIPE LABELS IDENTIFYING THE PIPING AS "NATURAL GAS". COORDINATE NEW GAS PIPING WORK WITH CNG. PAINT NEW AND EXISTING VENT PIPING WITH RUST INHIBITIVE HIGH TEMPERATURE PAINT COLOR TO MATCH EXTERIOR BUILDING WALL.

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NEW CONSTRUCTION METHODS FOR ENTIRE PROJECT SHALL BE IN SUCH A WAY THAT DOES NOT REQUIRE REMOVAL OR DISTURBANCE OF EXISTING FENCE. NATURAL GAS GENERATOR – 250KW/312KVA @ 208/120V 3PH. REFER TO SPECIFICATIONS FOR MORE INFORMATION. GENERATOR SHALL BE MOUNTED ON EXISTIN CONCRETE PAD, SUCH THAT THE NORTH FACE IS AT LEAST 40" AWAY FROM FENCE.

MEP NEW WORK KEY NOTES

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~~~~~ 4 PROVIDE (3) 3"C FOR GENERATOR FEEDERS AND (1) 1"C FOR ANNUNCIATOR PANEL WITH WIRING AS INDICATED IN RISER DIAGRAM. CONDUITS SHALL EXIT BOTTOM OF PU BOX AND BE ROUTED ON SUPPORTS ON GRADE TO TERMINATION POINTS WITHIN GENERATOR ENCLOSURE. PROVIDE ALL NECESSARY FITTINGS/ACCESSORIES. 

 
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 5)
CONDUITS SHALL BE FED INTO EXISTING ATS AS SHOWN ON DETAIL MEP.001, DETAIL (3) EXISTING 3/4" AUXILIARY CONDUITS FOR GENERATOR BATTERY CHARGER, BLOCK HEATER, AND START CIRCUIT. REFER TO RISER DIAGRAM FOR FEEDER INFORMATION. CONDUIT ROUTES ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL FIELD-VERIFY EXACT LOCATIONS.

EXISTING PULL BOX

EXISTING 6" EXHAUST VENT. EXISTING BURIED NATURAL GAS SERVICE. VERIFY EXACT LOCATION WITH CNG.

PROVIDE NEW 6" EXHAUST VENT FROM NEW GENERATOR TO EXISTING EXHAUST VENT. PROVIDE 4" X 6" INCREASER AND FLEXIBLE CONNECTOR AT GENERATOR CONNECTION. PROVIDE NEW 3" GAS TO GENERATOR WITH UNION, 3"X2" REDUCER, FLEXIBLE PIPING CONNECTOR AND PLUG VALVE AT GENERATOR CONNECTION. PROVIDE NEW GAS PRESSURE REGULATOR FOR GENERATOR, 2 PSIG INLET, 15–20"WC OUTLET, 3440 CFH, AND PLUG VALVE. PROVIDE NEW GAS PRESSURE REGULATOR FOR EXISTING BUILDING GAS LOAD, 2 PSIG INLET, 7"WC OUTLET AND PLUG VALVE.

 $\begin{pmatrix} 1 \\ 5 \end{pmatrix}$ PROVIDE NEW GAS METER BY CNG RATED FOR THE TOTAL CONNECTED LOAD OF NEW GENERATOR PLUS EXISTING BUILDING GAS LOAD.

INSTALL RELOCATED CONDENSING UNIT. EXTEND REFRIGERANT PIPING AND WIRING TO NEW LOCATION. CONTRACTOR TO VERIFY EXACT SIZE OF PIPING PRIOR TO INSTALLATION. RECHARGE SYSTEN TO MANUFACTURERS REQUIREMENTS. PROVIDE NEW HOUSEKEEPING PAD 6 AROUND ENTIRE UNIT. PROVIDE NEW PULL BOX SUPPORTED BY EXISTING POLE. BOX SHALL BE NEMA 3R, 28°L, 8°W, 28°D.

CON CRETE PAD

PROVIDE 1' WIDE CONCRETE EXPANSION TO EXISTING GENERATOR PAD. SLAB LENGTH AND DEPTH SHALL MATCH DIMENSIONS OF EXISTING PAD. PROVIDE ALL NECESSARY STRUCTURAL REINFORCEMENT.

APPROXIMATE LOCATION OF NEW GENERATOR ANNUNCIATOR PANEL. TO BE COORDINATED WITH OWNER PRIOR TO ROUGH-IN. EXACT LOCATION

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|  | SHEET NO. | DATE:8/8/2014PROJECT NO:8/8/2014DRAWN:2014156.00DRAWN:KSKCHECKED:KSKISSUED FOR:BID DOCUMENTSREVISIONS:- | MEP PLANS | TOWN HALL<br>GENERATOR<br>REPLACEMENT<br>2155 MAIN STREET<br>GLASTONBURY, CT 06033 |  | REVISIONS<br>NO. DATE DESCRIPTION<br>12/12/14 ADDENDUM #1 | TOWN OF<br>GLASTONBURY<br>2155 MAIN STREET<br>GLASTONBURY, CT 06033 | Consulting Engineering Services, Inc<br>B11 Middle Street<br>Middletown, CT 06457<br>Tel. (860) 632-1682<br>Fax. (860) 632-1768<br>CES #2014156.00 |
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