

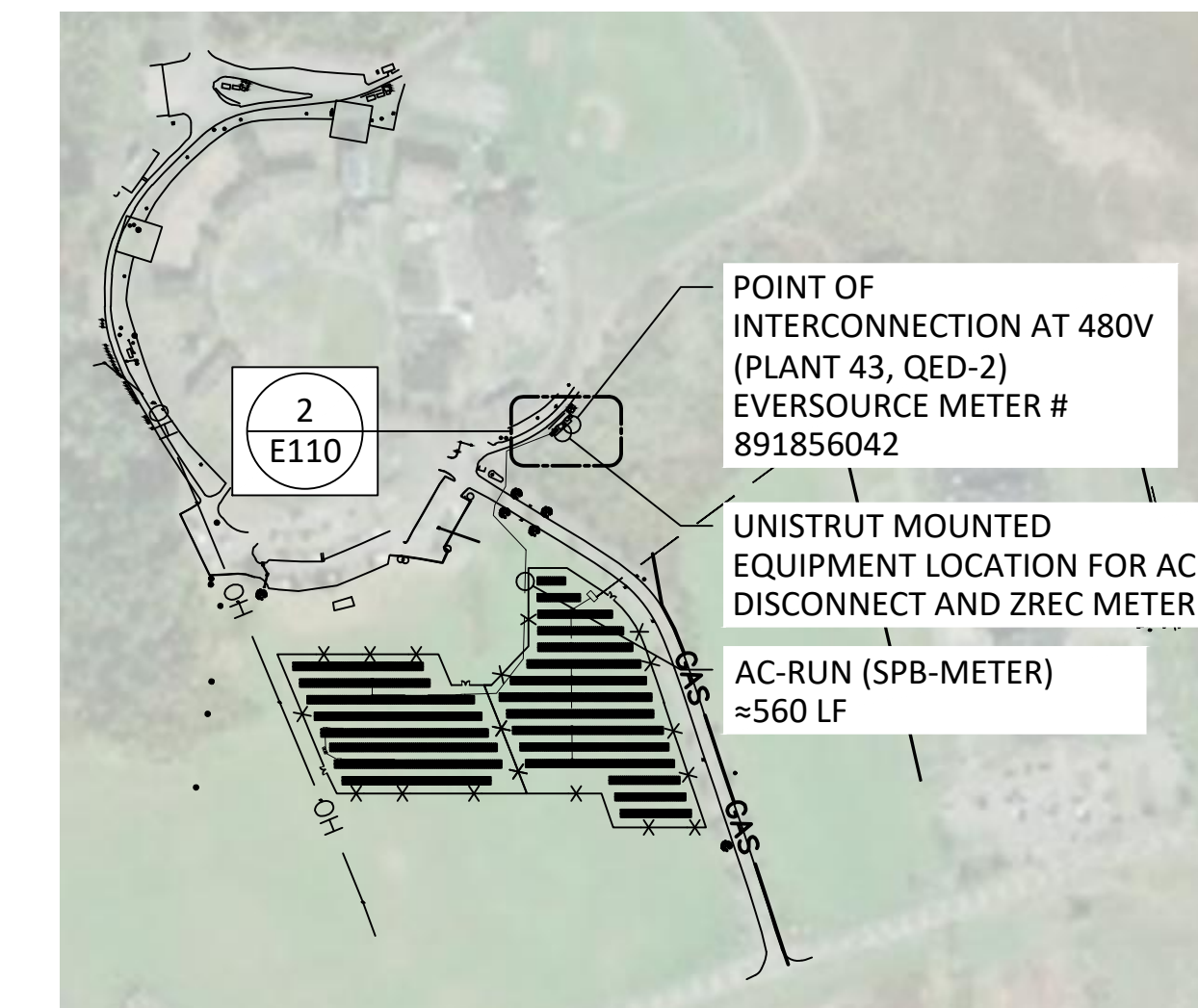
**1** ARRAY LAYOUT  
SCALE: 1/32" = 1'-0"

**NOTES:**

- 111 MPH WIND ZONE (ASCE 7-10) CATEGORY I, EXPOSURE C
- SNOWLOAD 35 PSF, ELEVATION 267'
- ARRAY SHOWN ON: AERIAL IMAGE
- FOUNDATION ARE DRIVEN POST WITH 8" EMBEDMENT
- ALL TREES WITHIN ARRAY BOUNDARY NEED TO BE REMOVED PRIOR TO INSTALLATION
- MAXIMUM PANEL HEIGHT FROM GRADE: 2FT



VICINITY MAP:  
LATITUDE: 42.017355°  
LONGITUDE: -72.512385°



**2** KEY PLAN  
SCALE: NTS

**LEGEND:**

- PROPOSED SOLAR PANELBOARD
- PROPOSED POINT OF INTERCONNECTION
- AC CONDUITS (SPB-METER)
- AC CONDUITS (INV-SPB)
- EXISTING OVERHEAD RUN

**PROJECT SUMMARY**

PROJECT SUMMARY	GFT
TOTAL # OF MODULE	540
STRING LENGTH	20
MODULE TYPE	TSM-DEG15VC.20 (II) 470
# OF DELTA INVERTER	3
DC SYSTEM SIZE (kW)	253.80
AC SYSTEM SIZE (kW)	205.60

**TIER 1**

BLOCK	# MODULE	#STRING	KW (DC)	M80_121 (11 STR)	M36_121 (5 STR)	KW (AC)	TILT (°)	GCR	CSI AZIMUTH (°)	SPWR AZIMUTH (°)	AC RUN (INV-SPB)
E	540	27	253.8	2	1	205.6	25	0.50	180	0	30, 65, 105

THESE DRAWINGS MAY HAVE BEEN REPRODUCED AT A SIZE DIFFERENT THAN ORIGINALLY DRAWN. OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR USE OF INCORRECT SCALE. DO NOT SCALE DRAWINGS.

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PROJECT NAME AND ADDRESS:  
**ENFIELD**  
289 SHAKER ROAD  
ENFIELD, CT 06082

PROJECT NO.  
12251



REV	DESCRIPTION	DATE
A	50% DESIGN	9-24-21

DESIGNED BY:  
DRAWN BY:  
REVIEWED BY:

SCALE: AS SHOWN

DRAWING TITLE:  
**ELECTRICAL SITE PLAN**

DRAWING NUMBER:  
**E101**