

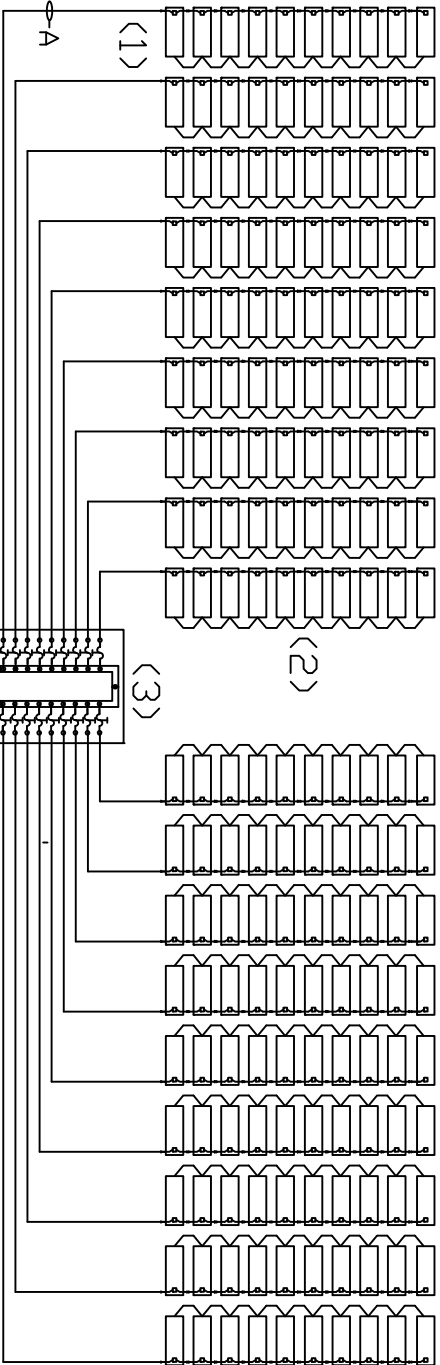
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	REQUIREMENTS PER CON ED LETTER 11/7/06	11/12/06	JMB
2	PER CON ED FINAL COMMENTS 6/18/07	6/21/07	JMB

BIG SUE

GRID-TIED PV SYSTEM

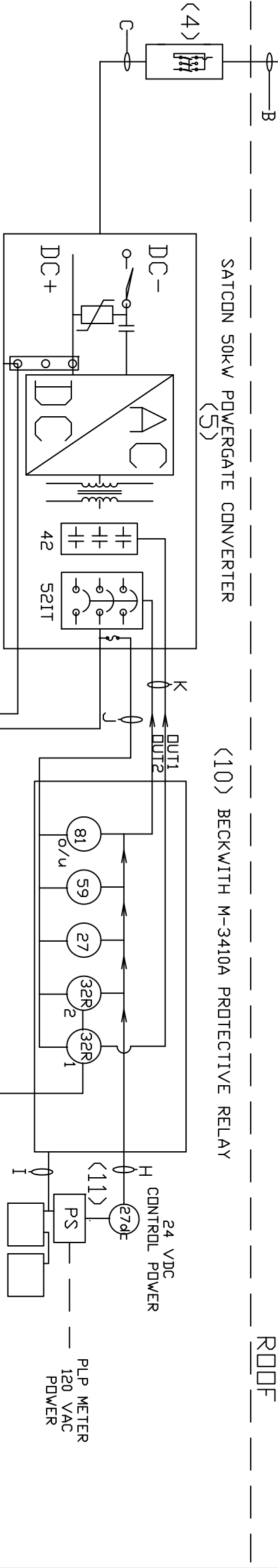
925 Bergen Street

Brooklyn, NY 11238



DEVICE LEGEND

- 27 UNDERVOLTAGE
- 27dc STAND-BY BATTERY
- 27dc UNDERVOLTAGE
- 32R-1 3-PHASE REVERSE POWER TO CONTACTOR
- 32R-2 3-PHASE REVERSE POWER TO INTER TIE BREAKER
- 42 CONTACTOR
- 52IT INTER TIE CIRCUIT BREAKER
- 59 OVERVOLTAGE
- 81o/u OVER/UNDER FREQUENCY
- 89L LOAD MAKE/BREAK PAD
- 89L LOCKABLE, ACCESSABLE DISCONNECT
- 89S LINE SWITCH



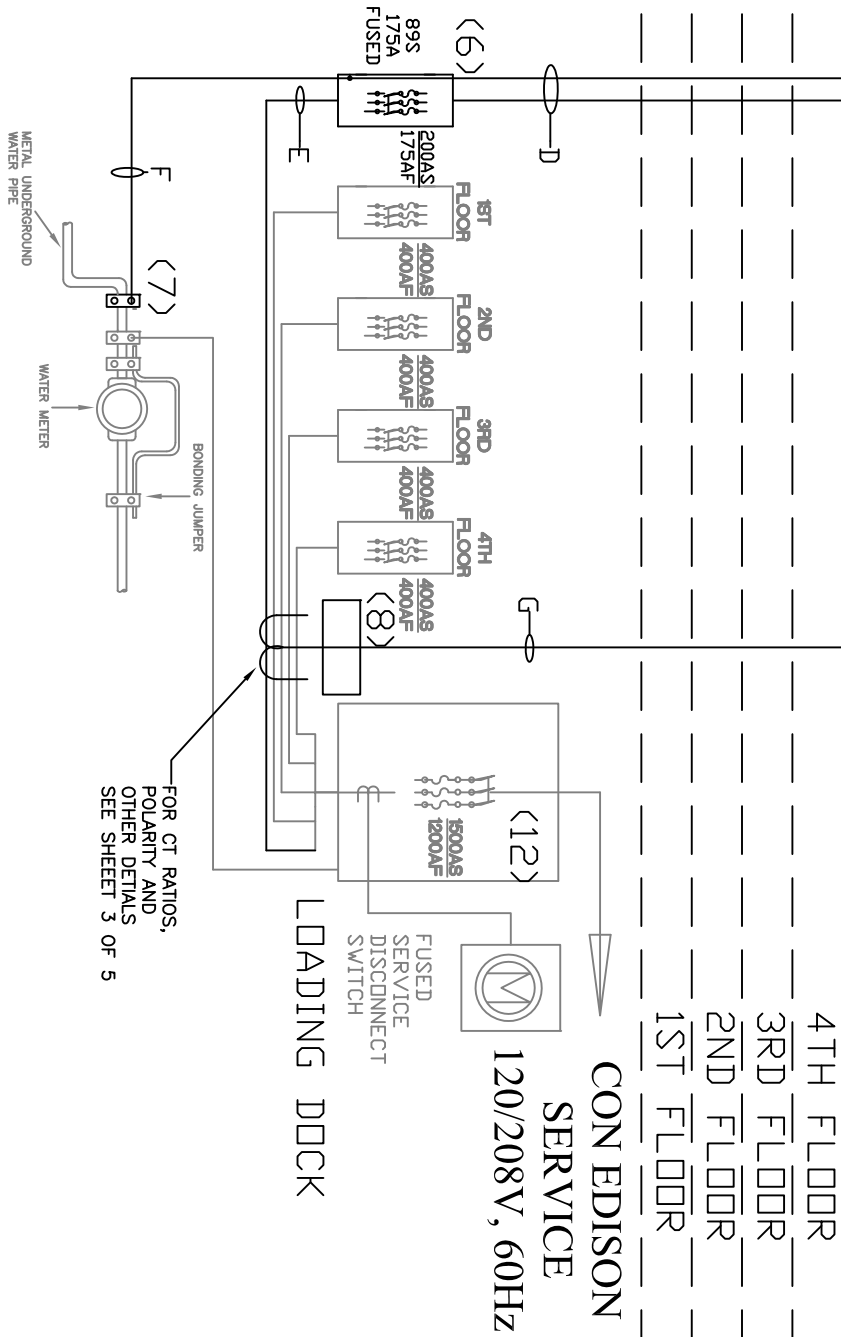
NOTE:

HIDDEN LINE INDICATES  
EXISTING FACILITIES

SOLID LINE INDICATES  
NEW FACILITIES

RELAY SETTINGS

ANSI	PICKUP	DELAY	OUTPUT
#	<V, Hz, kW>	<CYCLES : SECONDS>	#
27	V < 88%	120 : 2.0	OUT2
59	V > 110%	60 : 1.0	OUT2
81/D	F > 60.5HZ	120 : 2.0	OUT2
81/U	F < 57.0HZ	120 : 2.0	OUT2
32R1	R-UNDERPOWER < 11kW	300 : 5.0	OUT1
32R2	R-UNDERPOWER < 7kW	300 : 5.0	OUT2



NEW

ENERGY

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SIZE	DWG NO.	DWG NAME
B	BIG SUE PV1	BIG SUE PV SYSTEM SINGLE LINE DIAGRAM

SCALE	DATE	SHEET
NONE	AUG 6, 2006	1 of 5