

THREE-LINE DIAGRAM
NTS

SHEET NOTES:

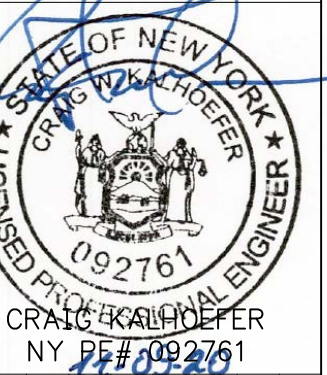
1. ALL CIRCUIT BREAKERS UPSTREAM OF INVERTER IN PV AC SYSTEM SHALL BE RATED FOR REVERSE FEED OPERATION.
2. INVERTERS SHALL BE CONFIGURED TO RUN IN PARALLEL OPERATION PER INSTALLATION MANUAL.

KEYED NOTES:

1. FOR RS-485 CONNECTIONS, ONLY CONNECT THE DRAIN WIRE OF THE SHIELDED CABLE AT ONE END. DO NOT GROUND THE DRAIN WIRE AT BOTH ENDS OF THE CHAIN.
2. EACH INVERTER STRING INPUT SHALL BE FUSED AT 20A WITH 1000V DC RATED FUSES.
3. DC SOURCE CIRCUIT:
 (1) -RED #10 CU PV WIRE, 2kV
 (1) -BLK #10 CU PV WIRE, 2kV
 (1) #6 AWG BARE CU EGC (SEE MINIMUM CONDUIT SIZE TABLE, E-702)
 SEE DC WIRING DETAIL, SHEET E-702.

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DOB APPROVAL STAMP



SCALE	PROJECT NUMBER	SHEET	SHEET SIZE	NO.	DATE	REVISIONS	BY	APP
NTS	2001	11 OF 14	24" X 36"	0	08/26/2020	PERMIT DRAWINGS	DP	CK
				1	10/15/2020	PERMIT RESPONSE	IS	CK
				2	11/09/2020	PERMIT RESPONSE	AA	CK
				3				
				4				
				5				
				6				

PROJECT NAME: LAQUILA
 PROJECT ADDRESS: 405 AVENUE H, BROOKLYN, NY
 SHEET NAME: 3-LINE DIAGRAM