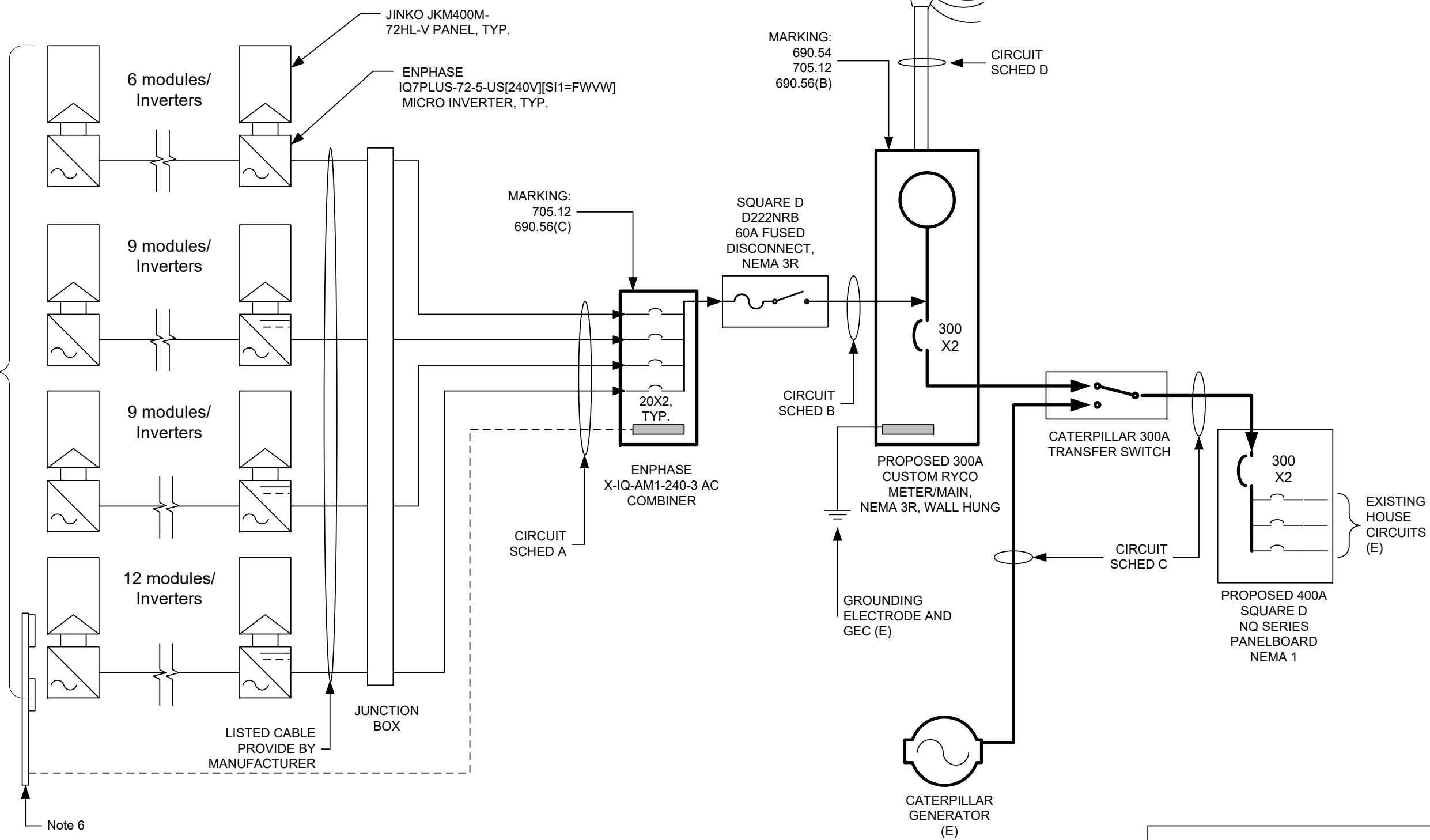


4 AC STRINGS



REDACTED

1 LINE DIAGRAM

TITLE Subject

Design/Build Firm:  
**Miller Solar**  
 17395 Oak Rd.  
 Atascadero, CA 93422  
 805/438/5600  
 millersolar.com  
 william@millersolar.com  
 William Miller, Principal

Revisions		
#	Date	Note
1	6/25/20	APN

SCALE

DRAWN BY  
**WILLIAM**

DATE  
 03/15/20

PAGE

5 of 16

- Notes:
- Existing equipment indicated as (E).
  - N/A
  - For all NEC compliance calculations, see attached NEC calculations worksheets.
  - N/A
  - For metallic conduits containing voltages greater than 250VDC and concentric knockouts provide bonding bushings or otherwise ensure bonding.
  - Bonding accomplished with Snap-N-Rack Bonding clamps.

CIRCUIT	CIRCUIT SCHEDULE		CONDUIT FILL		
	CURRENT CARRYING	EGC	CONDUIT	CONDUCTOR X-SECTION	ALLOWED X-SECTION
A	8 #10 THWN	1 #12 THWN	3/4" EMT	0.182 sq in	0.213 sq in
B	3 #6 THWN	1 #10 THWN	1" EMT	0.173 sq in	0.213 sq in
C	3 #350 THWN	1 #4 THWN	2-1/2" EMT	1.878 sq in	2.343 sq in
D	3 #350 THWN	N/A	2-1/2" RMC	1.796 sq in	1.946 sq in

BUILDING DEPARTMENT STAMP