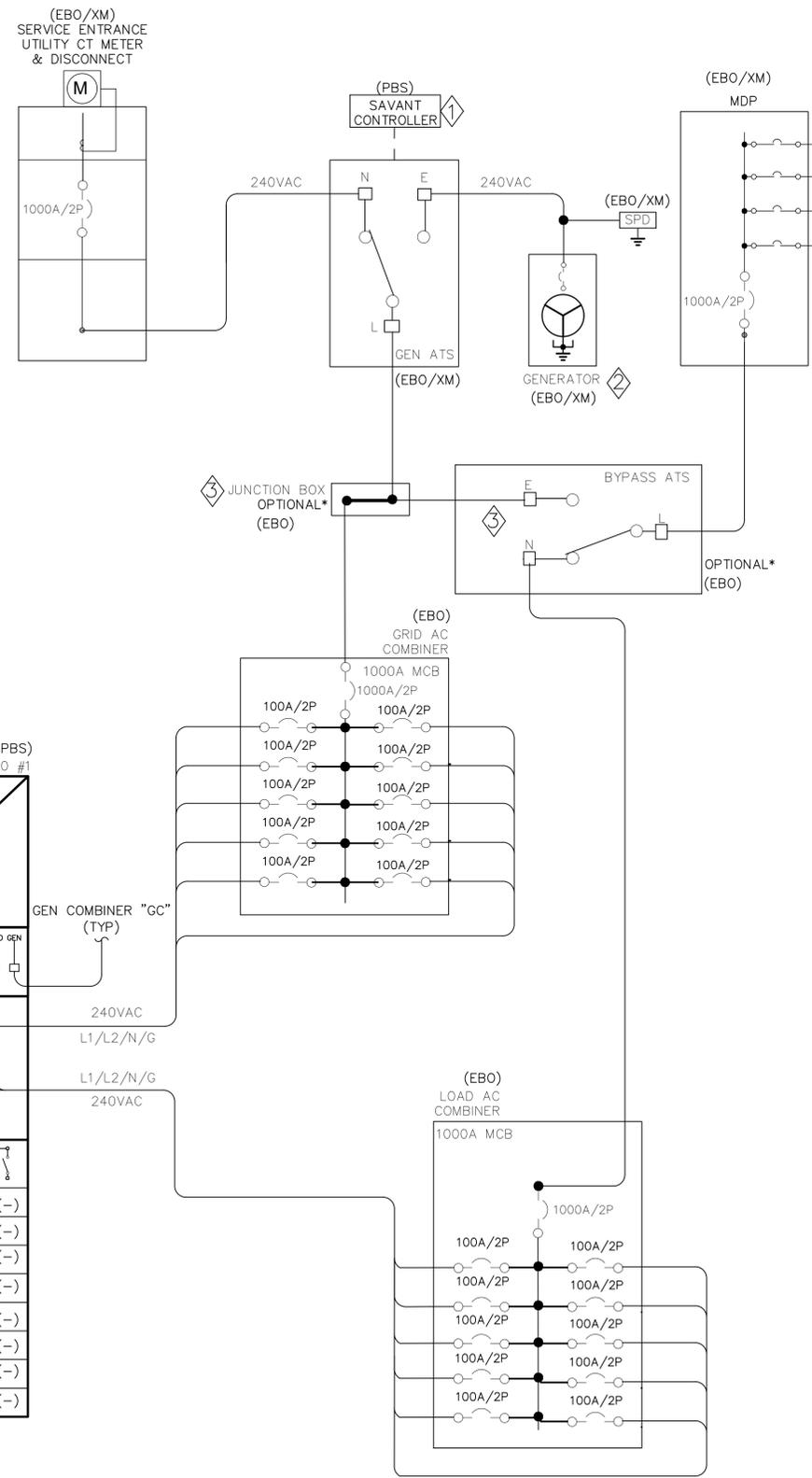
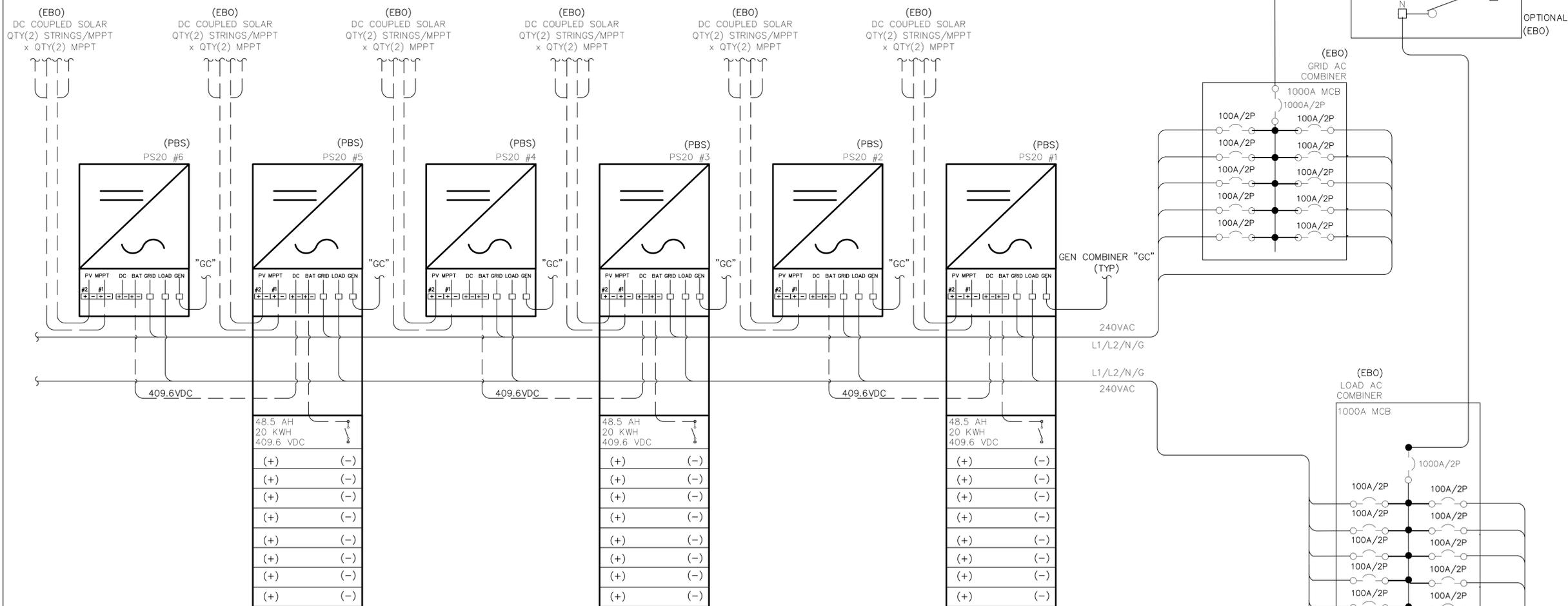


- 100KWH RATED ENERGY STORAGE
- OFFGRID CONTINUOUS: 62.5KW / 260.4A
- QTY (20) 8.5KW / 26A RATED PEAK DC COUPLED PV MPPT CHANNELS. 6.25KW MAX PV/MPPT POWER PER CHANNEL.
- QTY (10) 6.25KW AC COUPLED PV INPUTS AT GEN TERMINAL
- MAXIMUM AC+DC COUPLED SOLAR COMBINATION: 12.5KW / BATTERY STACK
- 240KW / 1000A GRID PASS THROUGH
- CHARGE RATE: 3.25KW / INVERTER
6.5KW / BATTERY STACK
- DISCHARGE RATE: 6.25KW / INVERTER
12.5KW / BATTERY STACK

LEGEND & ABBREVIATIONS		KEYNOTE DRAWING NOTES	
(PBS)	PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS	①	"GENERATOR TO GRID" SYSTEMS REQUIRE A SAVANT CONTROLLER (DIRECTOR OR PRO HOST). THE GPIO PORT ON THE CONTROLLER SHALL BE CONNECTED TO THE AUXILIARY POSITIONAL CONTACTS ON THE GENERATOR ATS. THIS TELLS THE SAVANT SYSTEM THE POSITIONAL STATUS OF THE GEN ATS (NORMAL VS EMERGENCY).
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS	②	QTY (1) PS20 GRID TERMINAL INPUT IS RATED UP TO 24KW PER INVERTER FOR UTILITY OR GENERATOR PASS-THROUGH. GENERATOR POWER SHALL NOT BE LESS THAN THE POWER OF THE POTENTIAL HOUSE LOAD, PLUS THE SUM OF THE CHARGING POWER FOR ALL BATTERY STACKS.
(XM)	EQUIPMENT EXISTING TO REMAIN	③	CONSIDER USING A POLARIS TAP WITHIN THE ATS/MTS TO TAP THE INCOMING FEED. IF NO SPACE WITHIN THE ATS/MTS IS AVAILABLE, AN EXTERNAL JUNCTION BOX MAY BE USED.
SPD	SURGE PROTECTION DEVICE		
TYP	TYPICAL THROUGHOUT DRAWING		
AF	SWITCH DISCONNECT FUSE RATING		



PS20_GEN TO GRID_12_10_2025_V00_R00.DWG

INTER-DISCIPLINE REVIEW														SAVANT POWER			JOB NUMBER	REV
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT												
DATE	*	*	*	*	*	*												
INIT	*	*	*	*	*	*												
D	VERSION 00						12-10-2025	MAW										
REV	REVISIONS						DATE	DRN	DSGN	CKD	APPD							
												DSGN	MAW	12-10-2025				
												CKD	JP					
												SCALE: AS NOTED						
												CERTIFICATE OF REGISTRATION NO. X-0000						
												RESIDENTIAL MICROGRID			DRAWING NUMBER			
												1000A: 62.5KW - 100KWH ESS PS20 ONLINE DIAGRAM (120/240V)			009-2569-00			

