

-- FIELD WIRING CONNECTIONS --				
ID	Lug Description	Conductor Qty / Size Range	Tightening Torque	
DISC1	Load & Neutral	Cu/Al cable, (1) 6–250 kcmil	135 lb–in	
	Service Ground	Cu/Al cable, (1) 14–1/0 AWG	45 lb–in, 6–4 AWG	50 lb–in, 3–1/0 AWG
	Line	Cu/Al cable, (1) 6–300 kcmil	275 lb–in	
DISC2	Line	Cu/Al cable, (5) 12–6 AWG	9–16 lb–in	
DISC3	Line	Cu/Al cable, (5) 12–6 AWG	9–16 lb–in	
DISC4	Line	Cu/Al cable, (5) 12–6 AWG	9–16 lb–in	
OLC1	A, B, N1	Cu/Al cable, (1) 4–300 kcmil	250 lb–in	
	G, N2	Cu/Al cable, (1) 4–2/0 AWG	110 lb–in	



-- Fuse Chart --			
Identifier	Part Number	Amperage	Class
FU1–FU2	TR200R	200	R

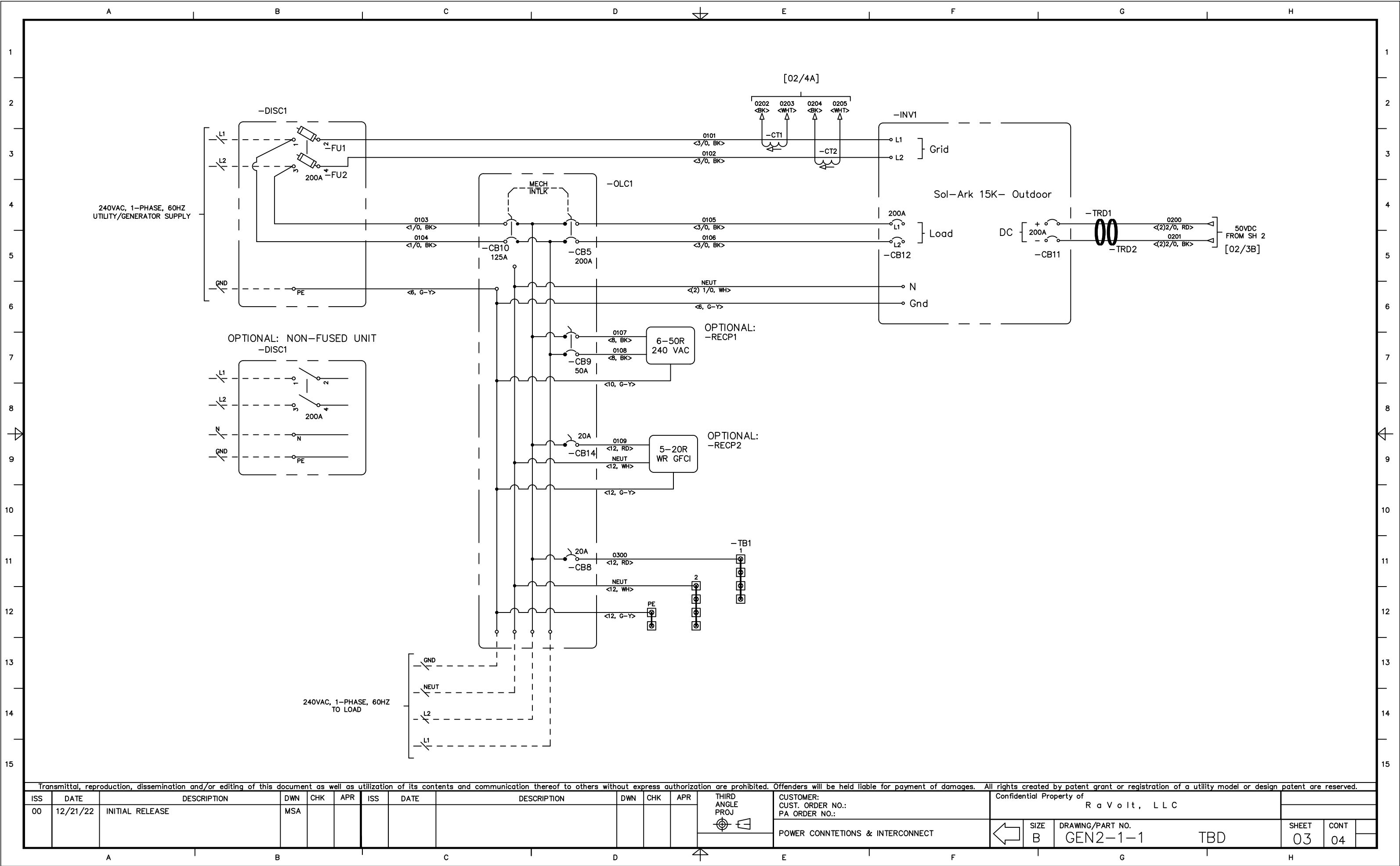
--- Indicates wiring installed in the field.

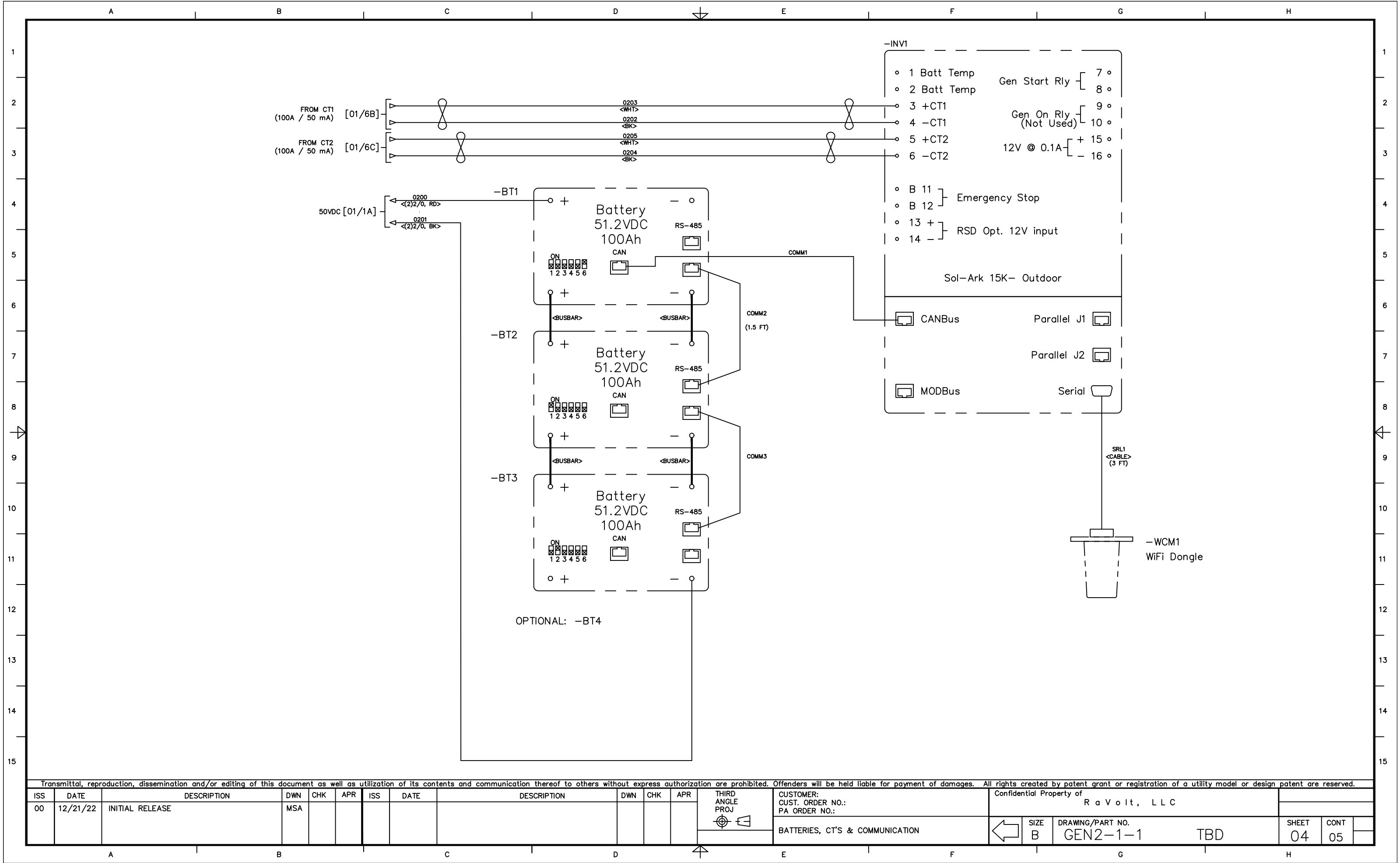
 Indicates DIN rail mount feed–thru 30A terminal block.

 Indicates twisted pair wiring.

All enclosure wiring shall be 600V UL rated, of copper or tinned–copper.

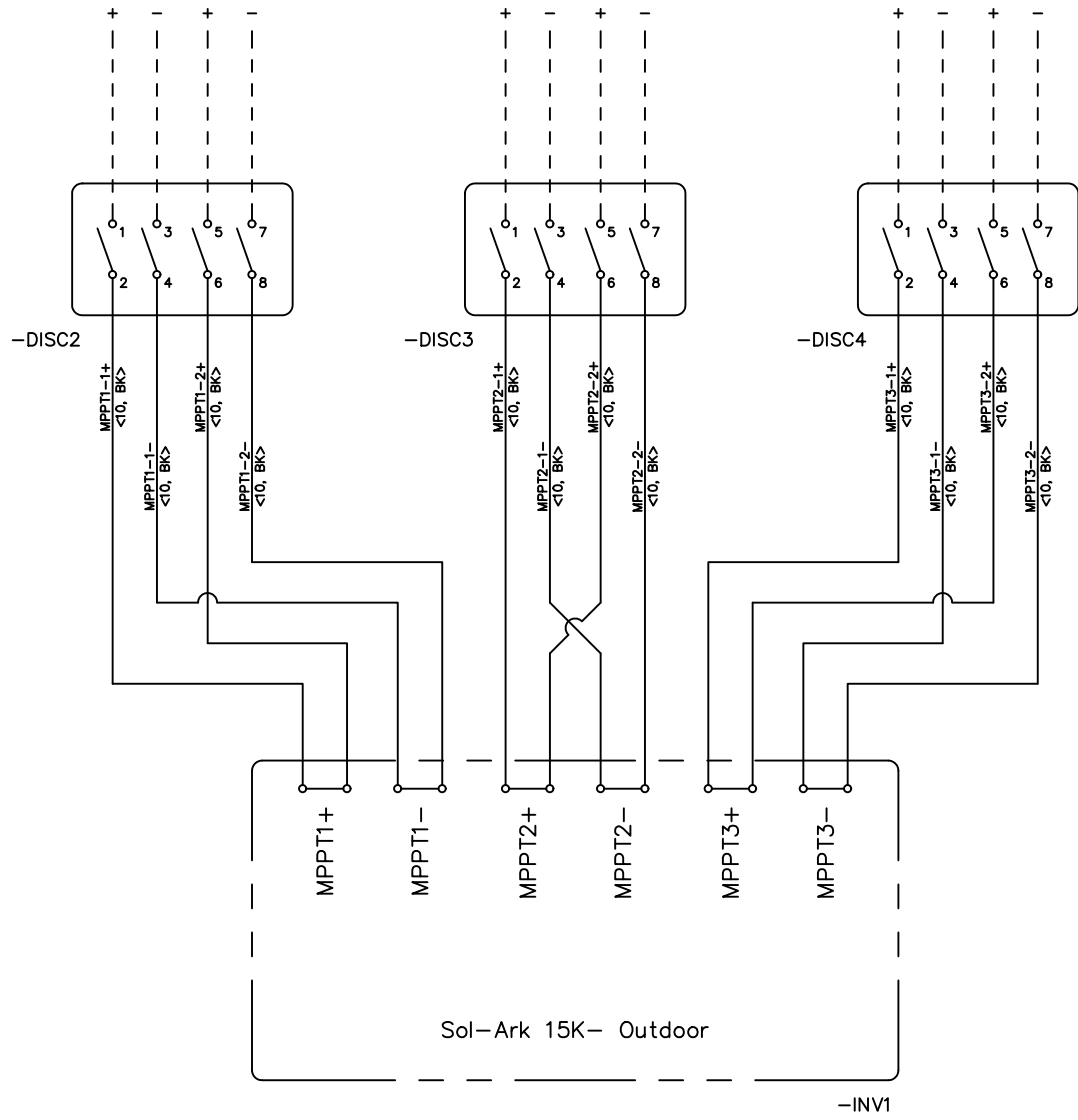
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ISS	DATE	DESCRIPTION	DWN	CHK	APR	ISS	DATE	DESCRIPTION	DWN	CHK	APR	<div>THIRD ANGLE PROJ</div> 	CUSTOMER: CUST. ORDER NO.: PA ORDER NO.:	Confidential Property of R a v o l t , L L C						
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													TABLES & NOTES		SIZE B	DRAWING/PART NO. GEN2-1-1	TBD	SHEET 01	CONT 02	





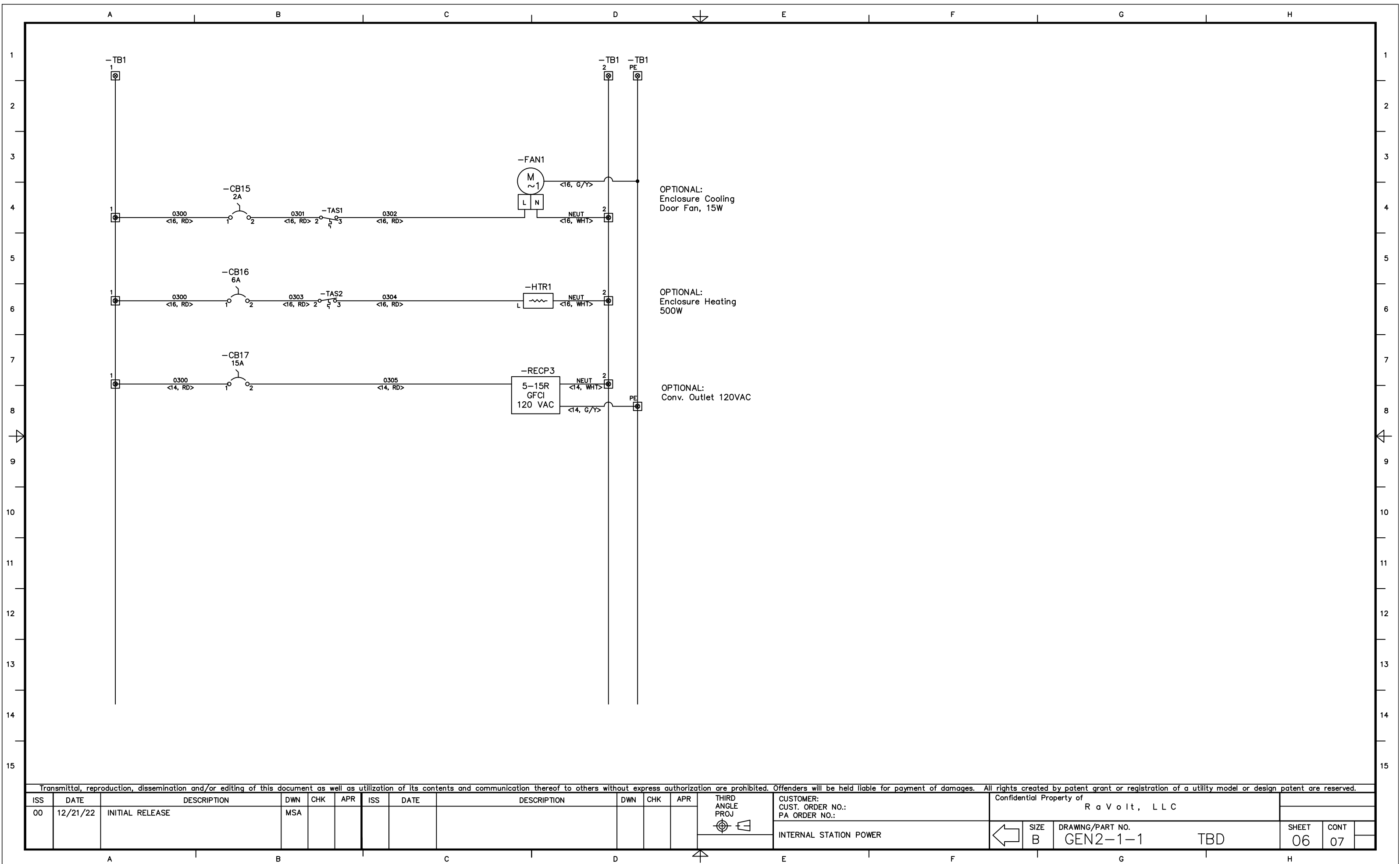


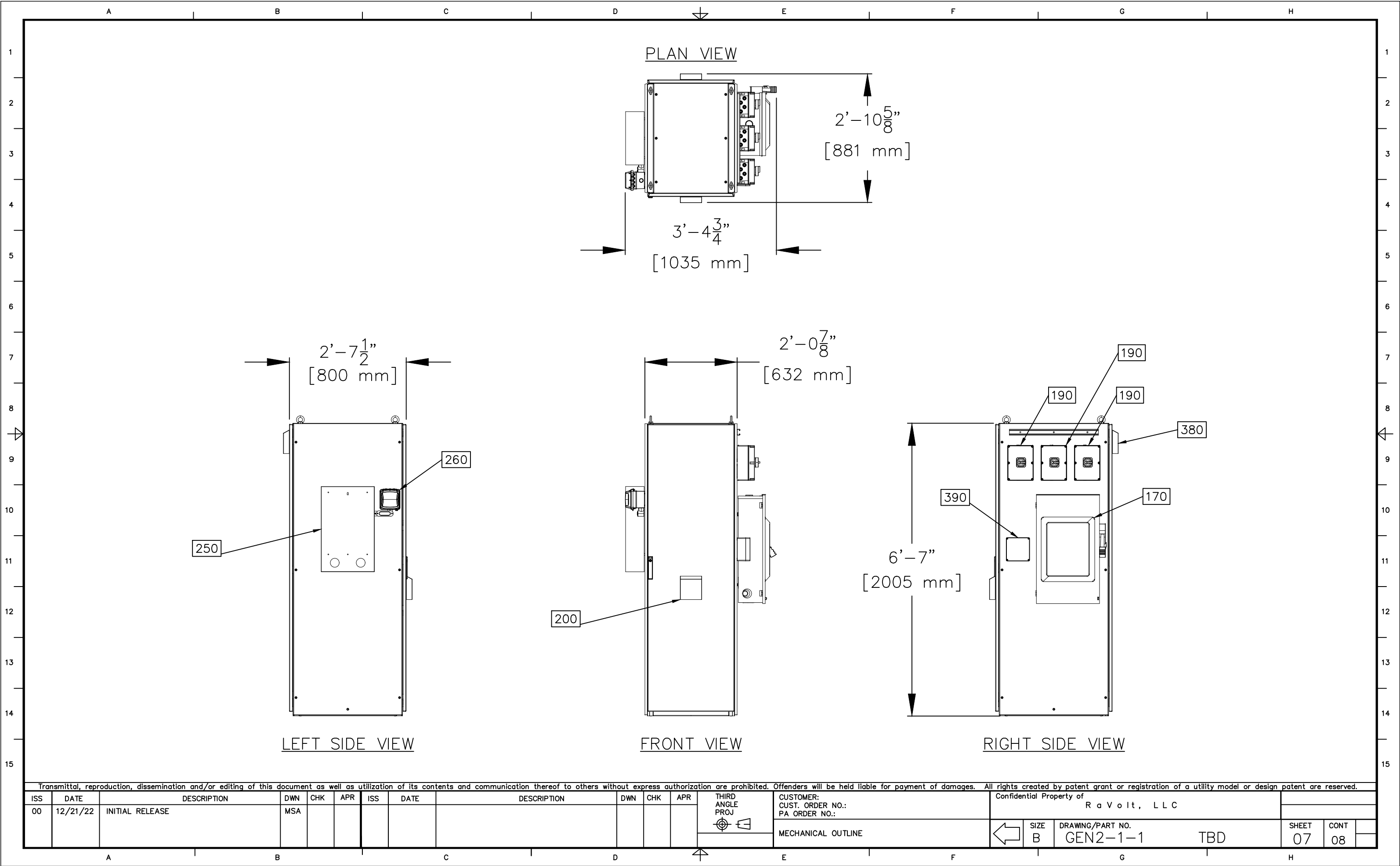
SOLAR PANEL (PV) INPUT CONNECTIONS

- MAX PV Input:
- 5.67kW per MPPT
 - 500Voc PV
 - 26A Isc per MPPT



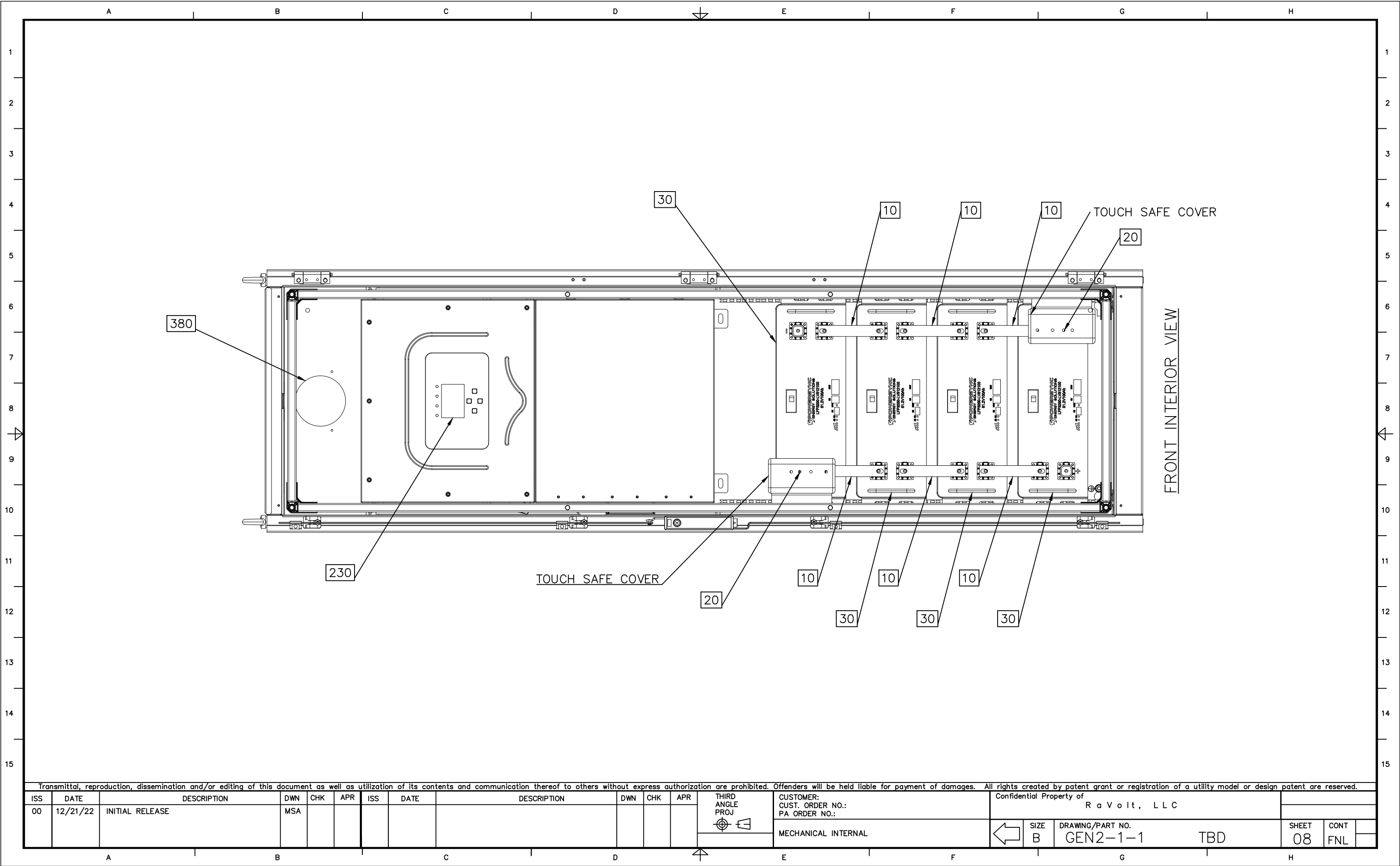
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												SOLAR PANEL INPUT CONNECTIONS			SIZE B	DRAWING/PART NO. GEN2-1-1	TBD	SHEET 05	CONT 06	
A		B		C		D		E		F		G		H						







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													PA ORDER NO.:						
													MECHANICAL OUTLINE		SIZE	DRAWING/PART NO.		SHEET	CONT
														B	GEN2-1-1	TBD	07	08	



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														MECHANICAL INTERNAL		SIZE B	DRAWING/PART NO. GEN2-1-1	TBD	SHEET 08	CONT FNL