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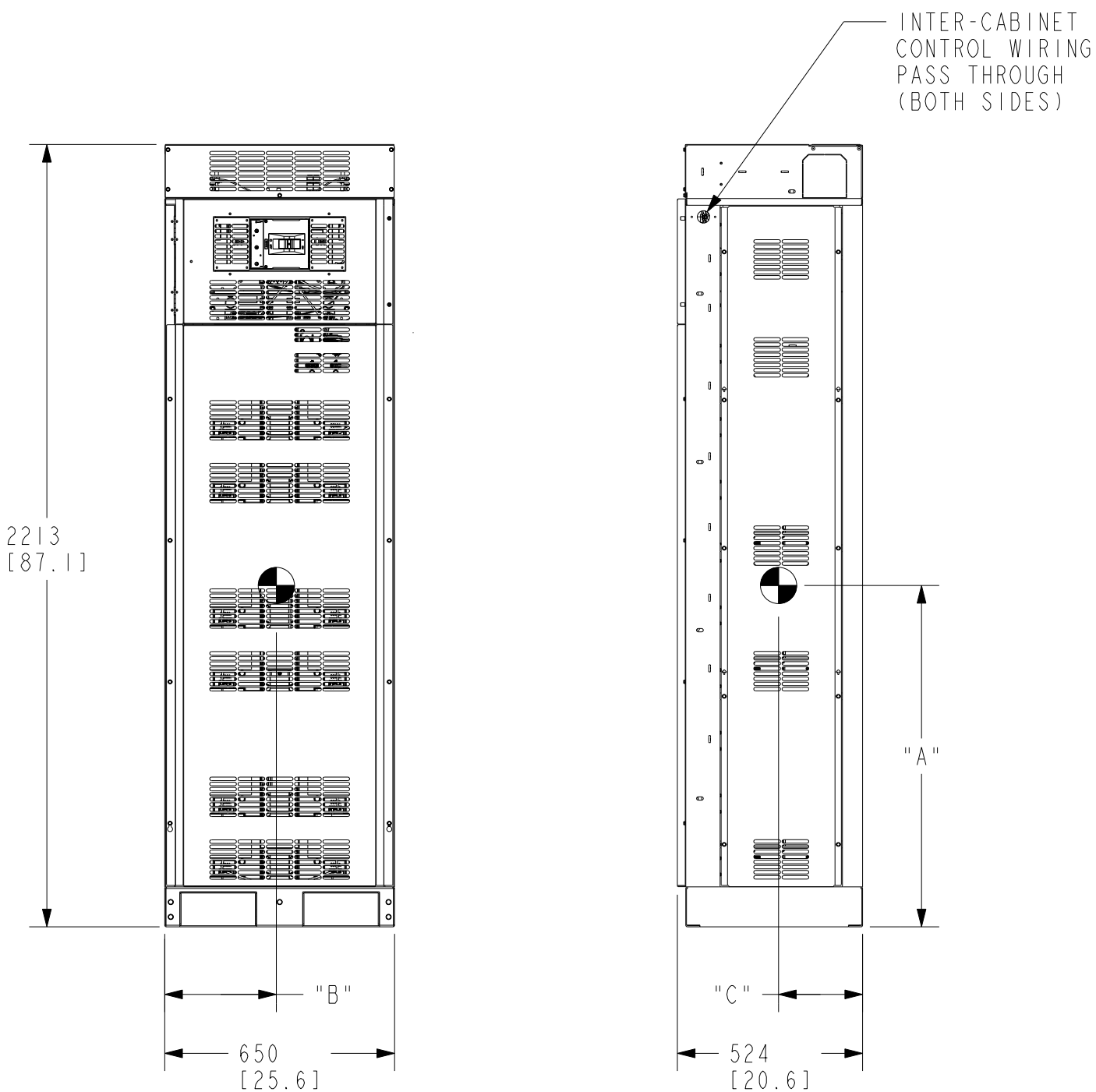
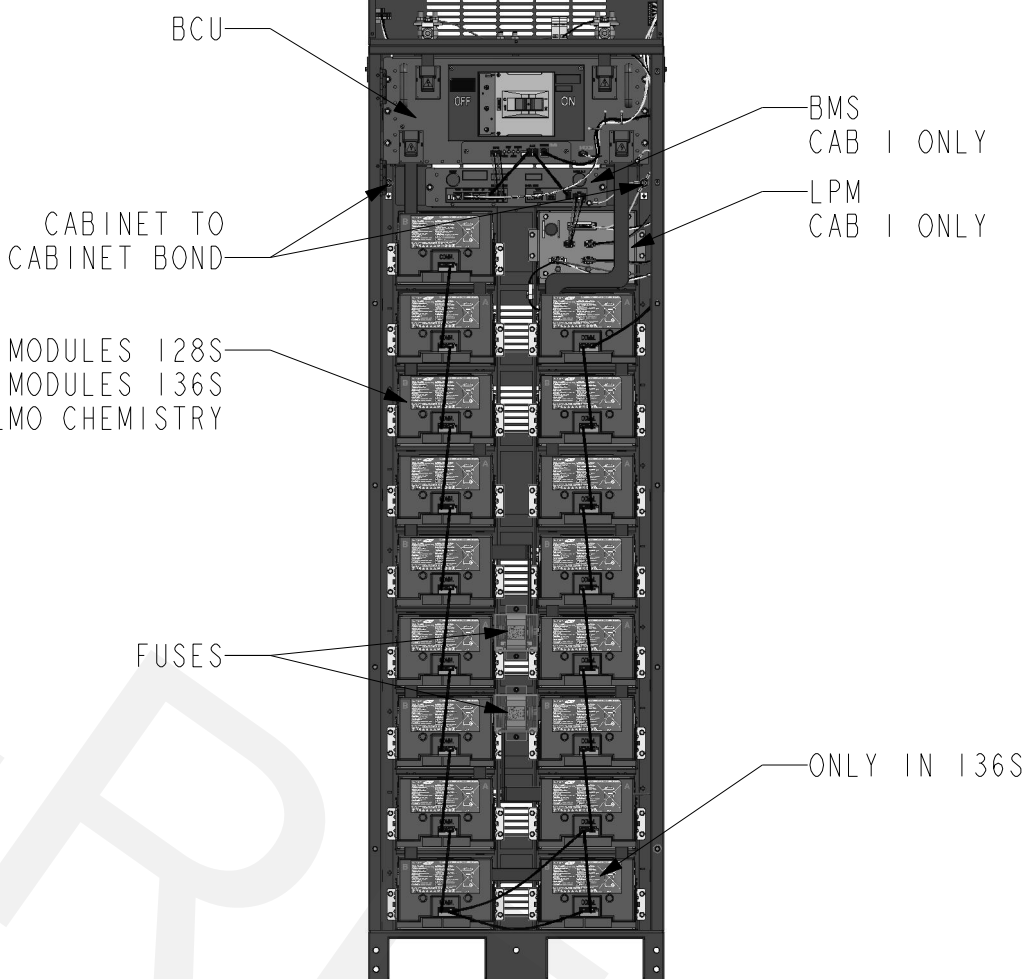
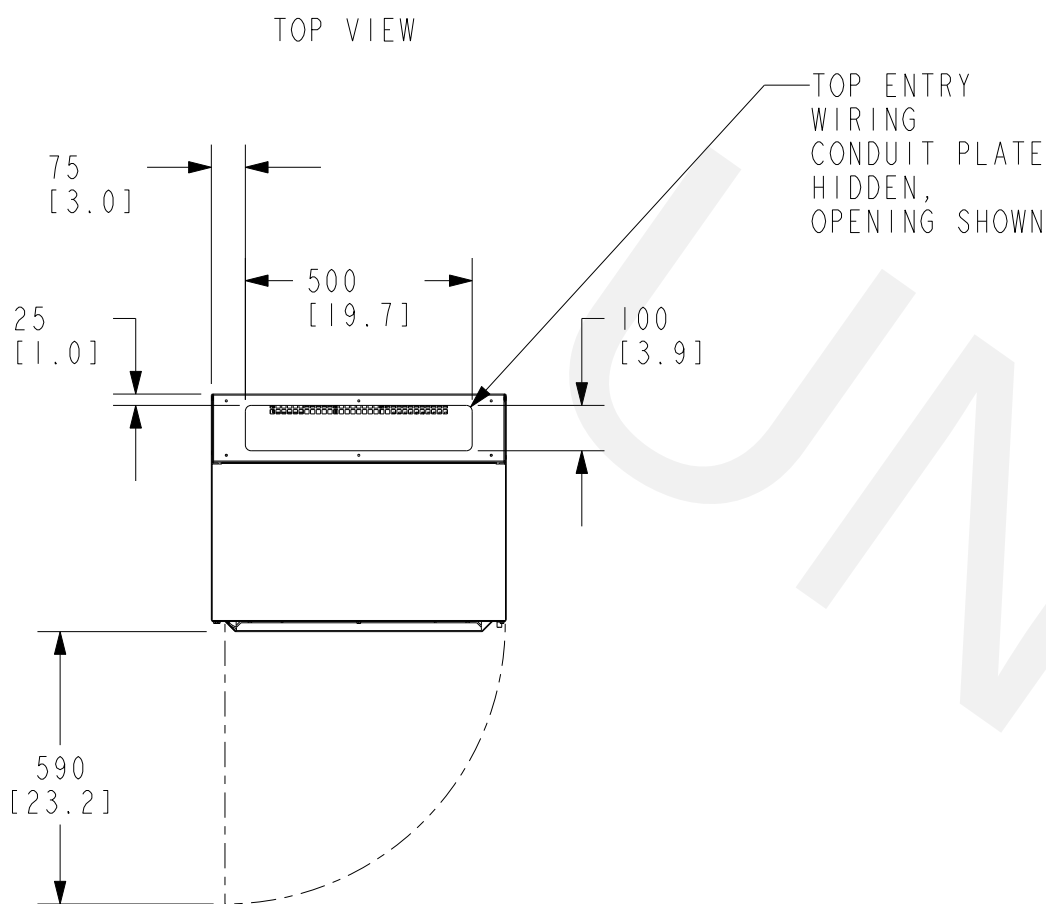
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FRONT W/COVERS REMOVED
(LPM-2 SHOWN)



FRONT VIEW

SIDE VIEW (TYP)

REAR VIEW

INSTALLED WEIGHT AND CENTER OF GRAVITY

MODEL	DIMENSIONS MM			WEIGHT kg [lbs]
	A	B	C	
136S	936	321	237	526 [1160]
128S	965	316	238	507 [1118]

PACKAGED ENVELOPE DIMENSIONS MM [IN]

WIDTH	DEPTH	HEIGHT
950 [37.4]	950 [37.4]	2350 [92.5]

PRODUCT SPECIFICATION

MODEL	DC VOLTAGE OUTPUT	BATTERY NAMEPLATE kWh
136S	517 VDC	34.6
128S	486 VDC	32.6

HEAT REJECTION

MAX HEAT REJECTION	567 BTU/hr
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BREAKER AND FUSE INFORMATION

	MANUFACTURER	PART NUMBER	QUANTITY/LOCATION
FUSE	BUSSMANN	170M6408 (500A)	2/INTERNAL/CABINET
BREAKER	LS ELECTRIC	UTS600L (600A)	1/FRONT/CABINET

RECOMMENDED CUSTOMER SUPPLIED WIRING

MINIMUM WIRE SIZE FOR 90°C COPPER STRANDED WIRE SEE SHEET 3 FOR LANDING LOCATIONS		RECOMMENDED TORQUE
BATTERY	4/0 AWG, 2X PER POLE, 2 CONDUITS	25 Nm
GROUND	(2X) #4 AWG (OR 1X #2 AWG)	25 Nm
BUS FOR ABOVE ARE 2 HOLE LUG LANDINGS, 1-3/4" SPACING, ØM10 (Ø3/8")		
CONTROL	#18 AWG (MAX #12) (TB-1)	0.5-0.6 Nm
AC AUX (LPM-2 ONLY)	#14 AWG (MAX #10) (TB-2)	0.6-0.8 Nm

NOTES

- THE SYSTEM MUST BE INSTALLED ON A LEVEL FLOOR SURFACE SUITABLE FOR COMPUTER OR ELECTRONIC EQUIPMENT.
- THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
- AMBIENT OPERATING TEMPERATURE RANGE 18-28degC [64-82degF]:
RELATIVE HUMIDITY: 20%-80% NON-CONDENSING.
- WEIGHT: SEE TABLE, SOME OPTIONS WILL WEIGH LESS. WEIGHTS DO NOT INCLUDE CUSTOMER WIRING OR FLOOR MOUNTING OPTIONS.
- MINIMUM 914mm [36"] FRONT ACCESS NEEDED FOR SERVICING,
MINIMUM 170mm [7"] TOP ACCESS NEEDED FOR INSTALLATION,
MINIMUM 76mm [3"] REAR CLEARANCE FOR VENTILATION.
- VENTILATION IS BY MEANS OF NATURAL CONVECTION.
- TOP CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATE.
- ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
- POWER HOOKUP TO UPS: POSITIVE, NEGATIVE, GROUND.
FOR PARALLEL BATTERY CABINETS THAT DO NOT USE A TIE CABINET AND THE POWER WIRES ARE BROUGHT DIRECTLY TO THE UPS, WIRE LENGTHS BETWEEN CABINETS CANNOT VARY BY MORE THAN 2% IN LENGTH.
- LOGIC POWER MODULE (LPM) OPTIONS: DC ONLY (LPM-1) OR DC/AC (LPM-2).
BMS & LPM ONLY IN CABINET #1 IN A LINE-UP OF 1-14 CABINETS (14 MAX).
PRIMARY CABINET (#1) SHALL BE ON THE LEFT IN A LINEUP OF >1 CABINETS.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



SCALE 1:20

METRIC	THIRD ANGLE PROJECTION	NAME (PART NUMBER): P-1110000950	REVISION: 02	EAT•N
DESCRIPTION: SITE PLAN, SAMSUNG GEN-3 LIB				SIZE: A2
ORIGINATED BY: DOMURATH	09-MAY-2024	SEE NOTES FOR TOLERANCES DIM ARE IN MM (INCHES) AFTER PLATING INTERPRET DIM AND TOL PER ASME Y14.5-2018	STATE: Approved	SCALE: 3:50
MODIFIED BY: F. Domurath	11-JUN-2024		CO: CO-0293732	SHEET: 1 OF 4
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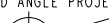
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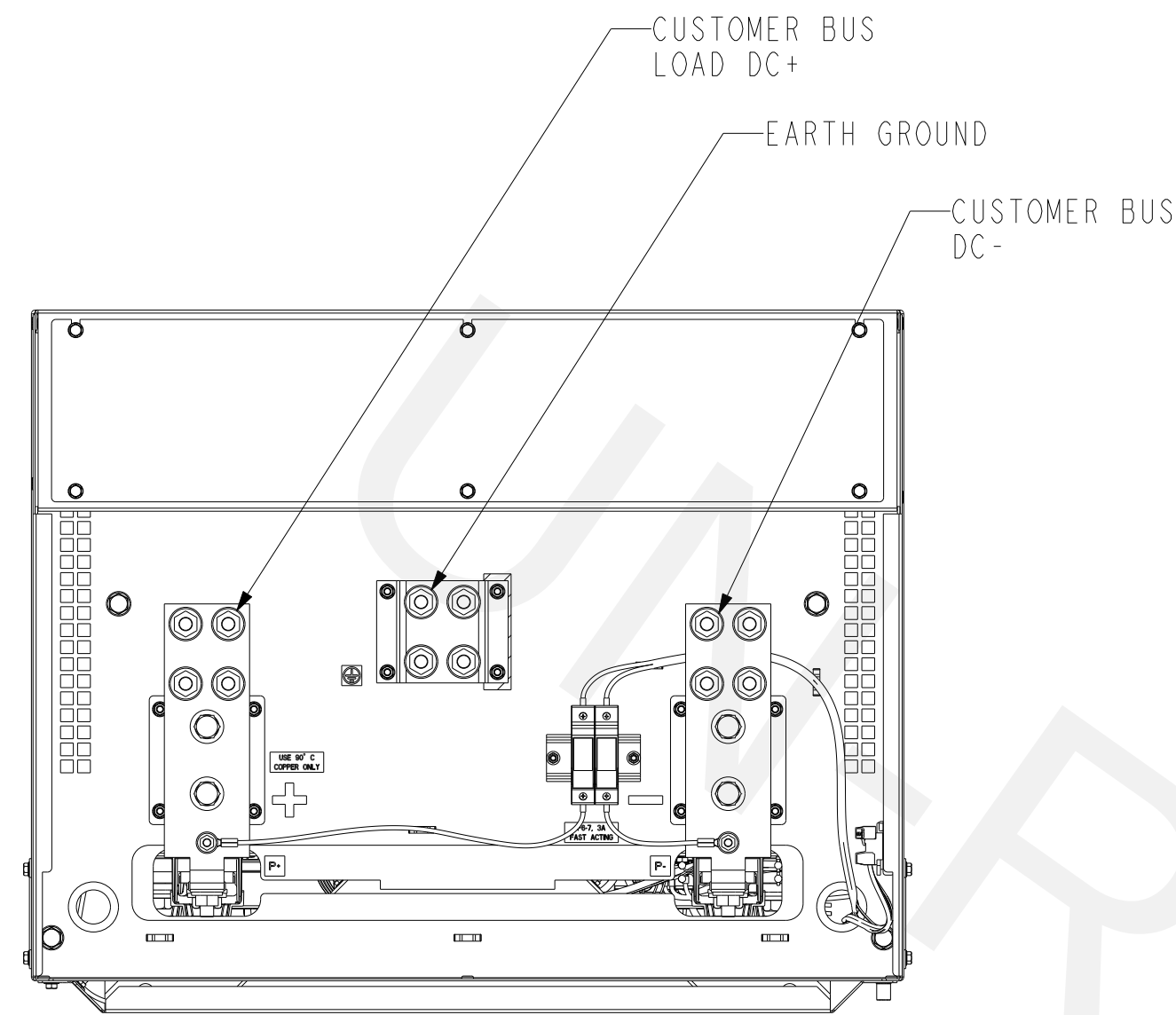
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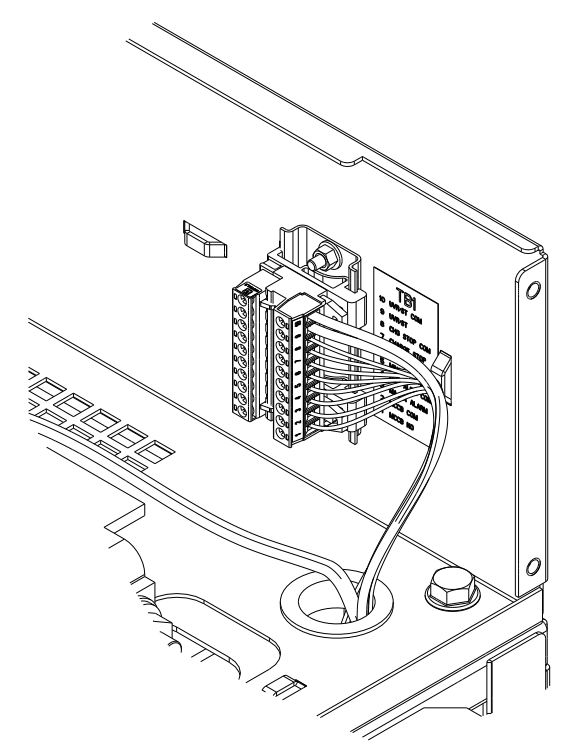
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DESCRIPTION: SITE PLAN, SAMSUNG GEN-3 LIB				SIZE: A2
ORIGINATED BY: DOMURATH	09-MAY-2024	SEE NOTES FOR TOLERANCES DIM ARE IN MM (INCHES) AFTER PLATING INTERPRET DIM AND TOL PER ASME Y14.5-2018	STATE: Approved	SCALE: 1:10
MODIFIED BY: F. Domurath	11-JUN-2024		CO: CO-0293732	SHEET: 2 of 4
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PRIMARY CABINET

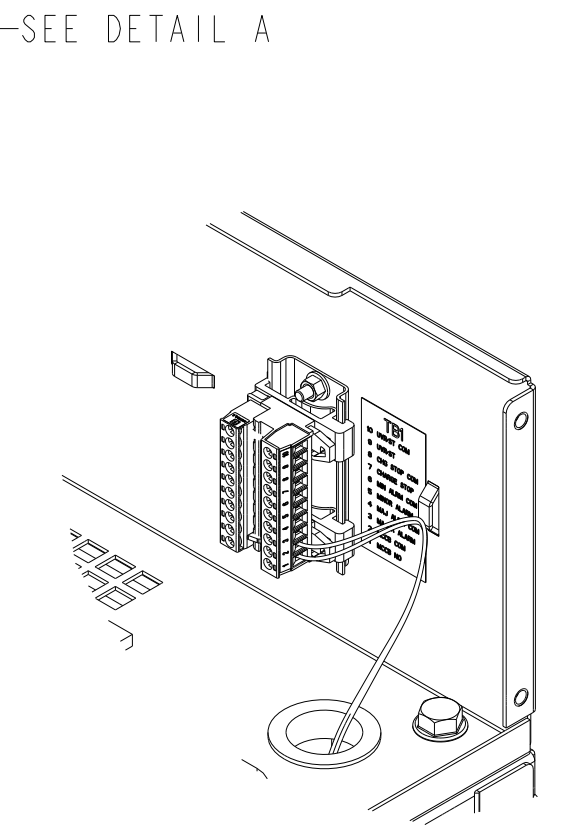
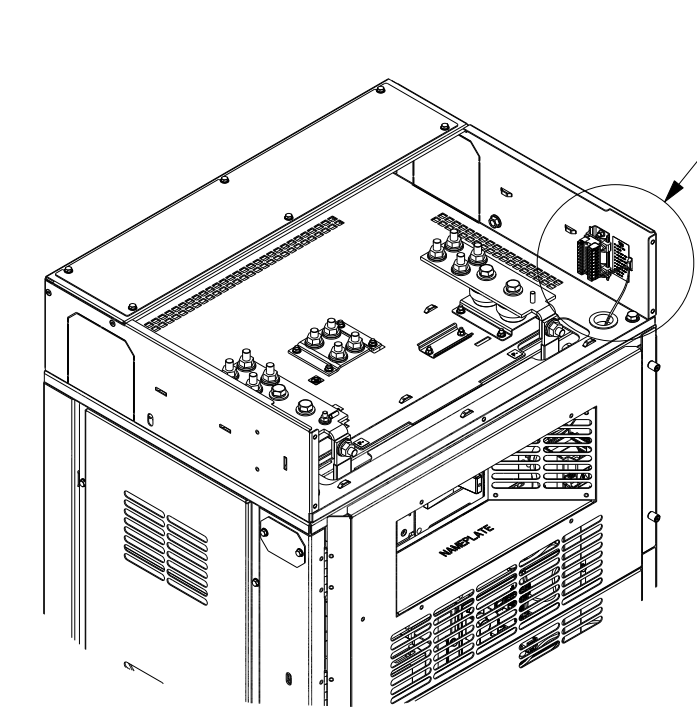
SECONDARY CABINET(S), 2-14



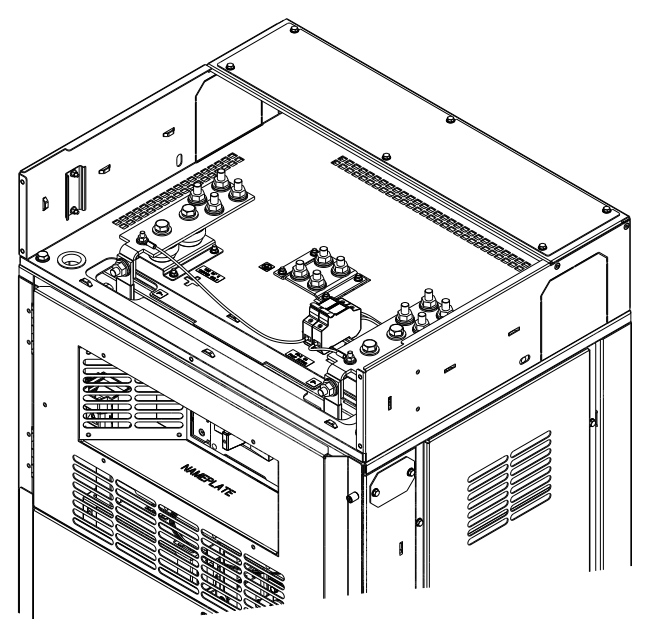
SCALE 1:5
CUSTOMER POWER WIRING



- TBI**
- 10 UVR/ST COM
 - 9 UVR/ST
 - 8 CHG STOP COM
 - 7 CHARGE STOP
 - 6 MIN ALRM COM
 - 5 MINOR ALARM
 - 4 MAJ ALRM COM
 - 3 MAJOR ALARM
 - 2 MCCB COM
 - 1 MCCB NO



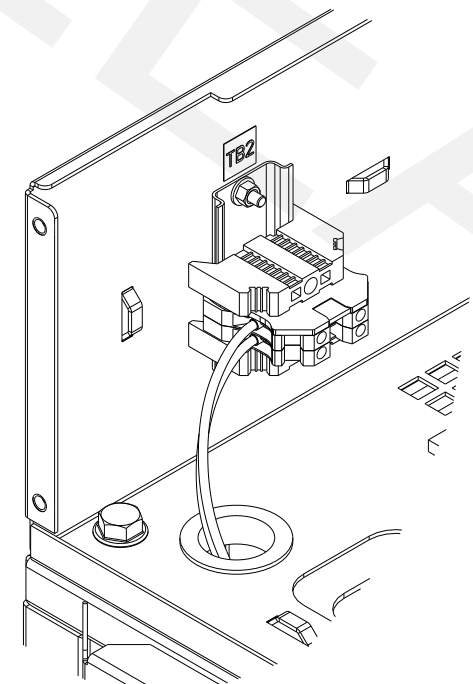
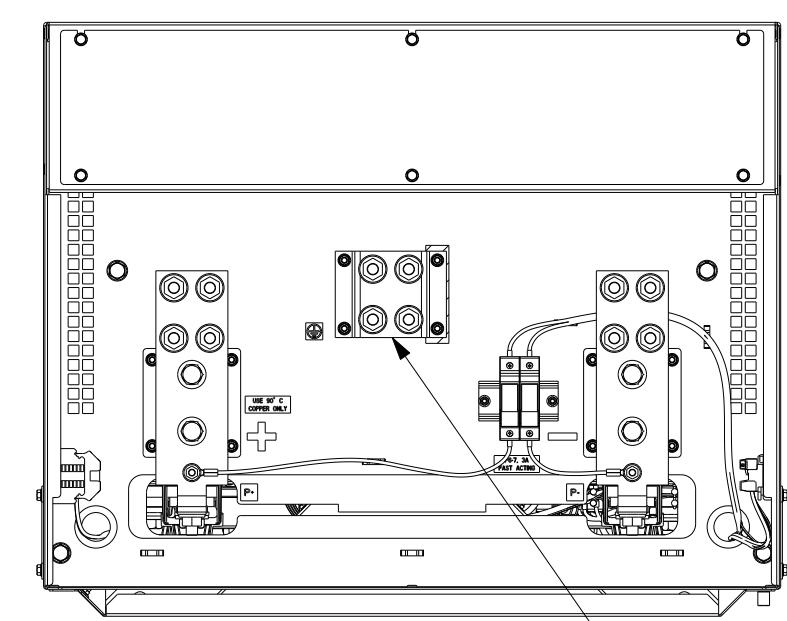
LPM-1
DC LOGIC POWER
(NO TB2)



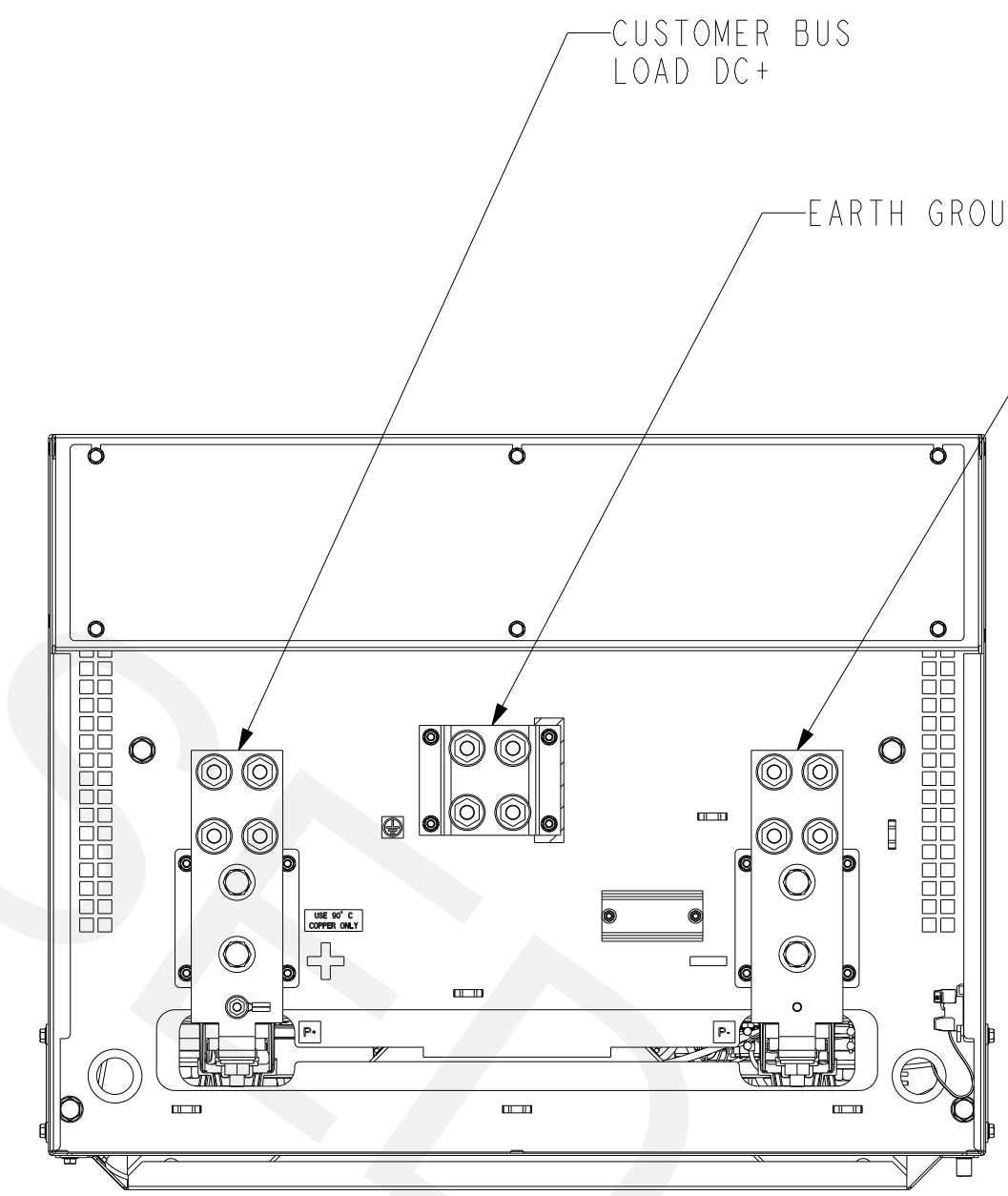
LPM-2
AC LOGIC POWER WIRING
CUSTOMER SUPPLIED AC AUXILIARY POWER & GROUND

CONNECT 2 WIRES TO TB2:
3Ø 208 VAC L1-L2 OR
3Ø 480 VAC L1-L2 OR
3Ø 480 VAC L1-N

NOTE: SHALL BE PROTECTED BY
A LISTED 15A BREAKER OR FUSE

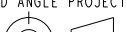


LPM-2 MAIN AUX POWER IS AC,
DC AUX POWER IS CONNECTED
FOR REDUNDANCY



SCALE 1:5
CUSTOMER POWER WIRING,
LOGIC POWER PROVIDED
INTERNALLY FROM PRIMARY CABINET

NOTE: FOR PARALLEL BATTERY CABINETS THAT DO NOT USE A TIE CABINET
AND THE POWER WIRES ARE BROUGHT DIRECTLY TO THE UPS, WIRE LENGTHS
BETWEEN CABINETS CANNOT VARY BY MORE THAN 2% IN LENGTH.

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	MODIFIED BY: F. Domurath	11-JUN-2024			CO: CO-0293732 SHEET: 3 of 4
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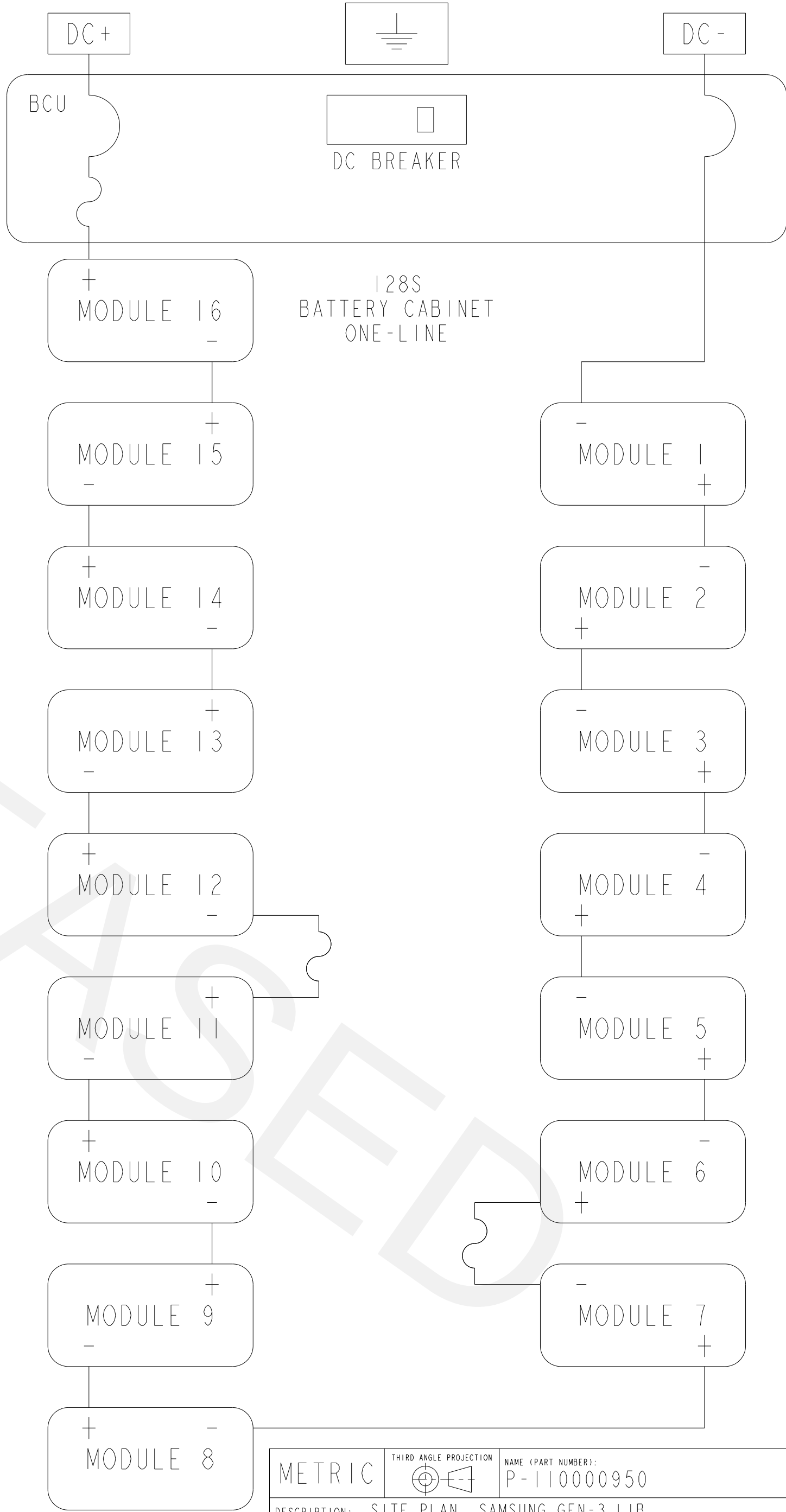
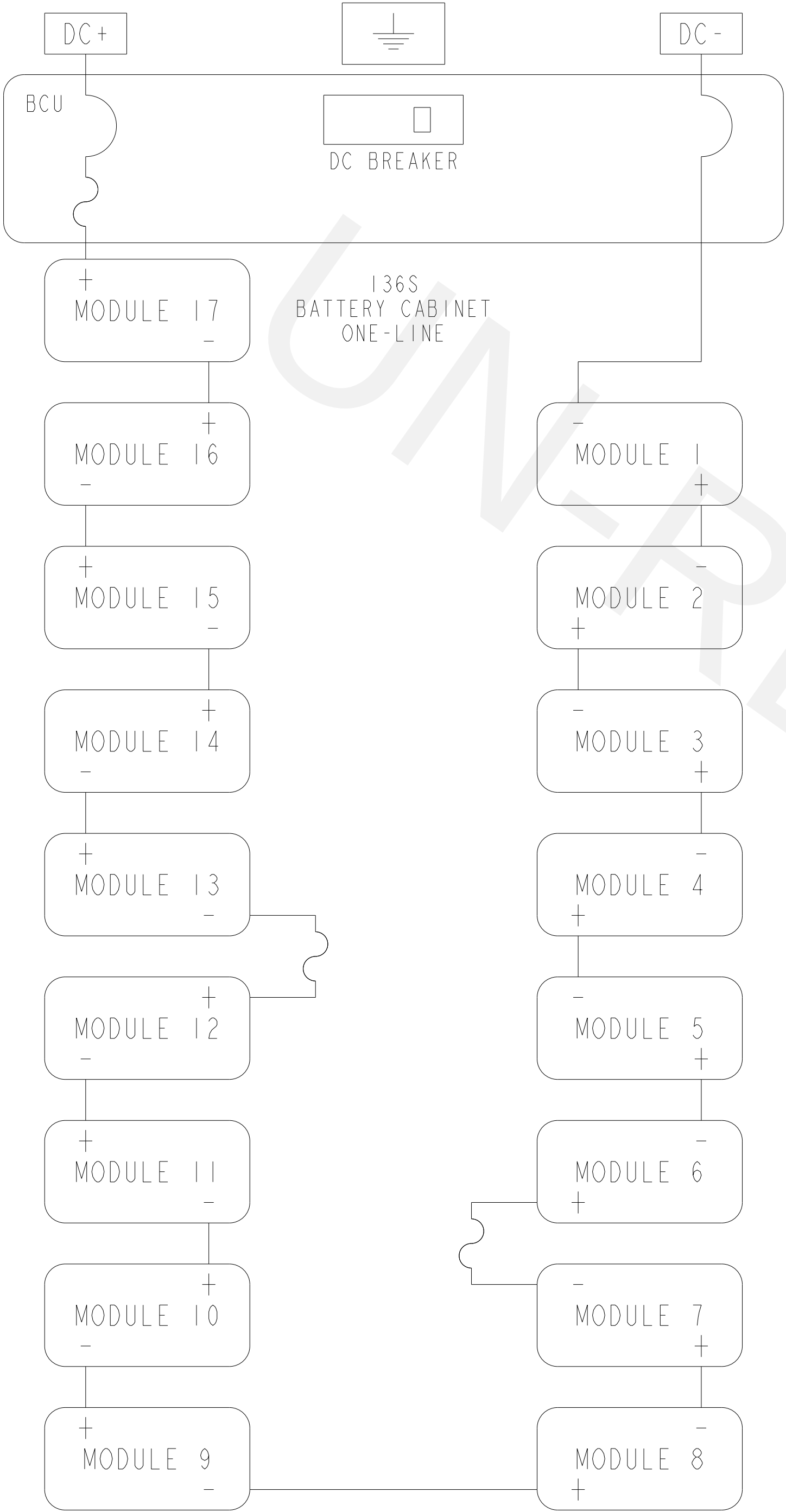
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