

## SITE PLANNING DATA Eaton 93E-G2 160-200 kVA

Page 1 Center of Gravity dimensions with packaging

Page 2 Dimensional Drawings

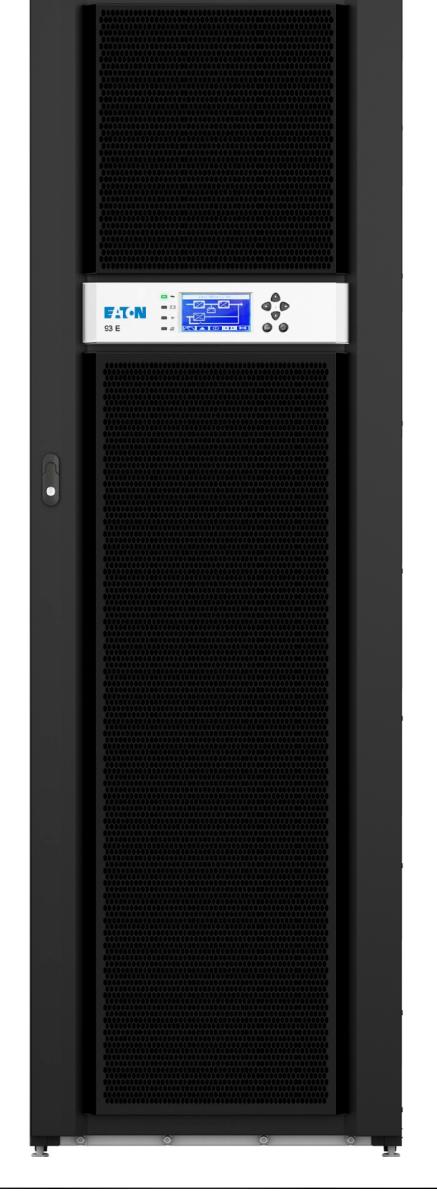
Page 3 Customer Connections

Page 4 Customer Terminals Detail View

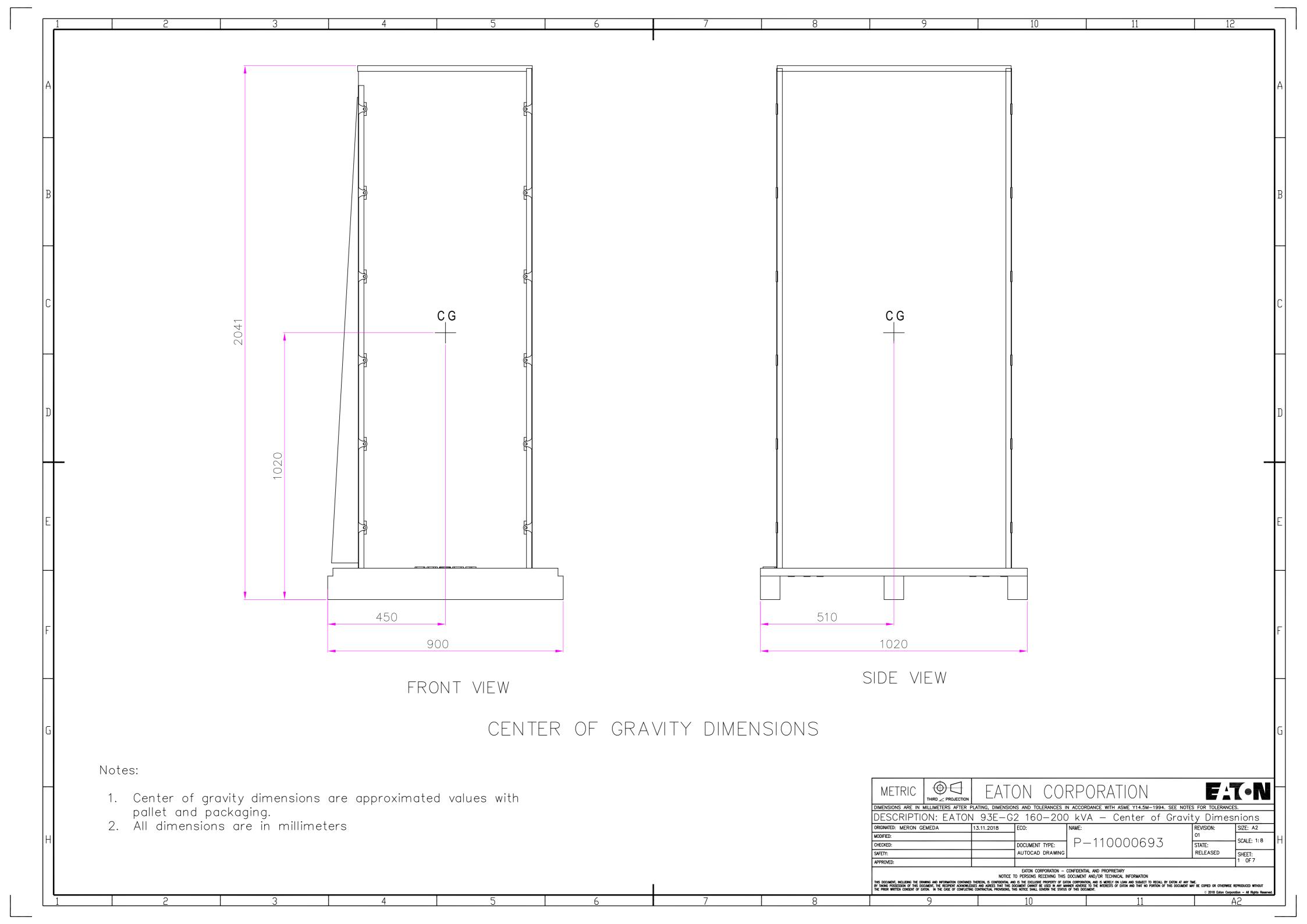
Page 5 Electrical Wiring of Single Unit

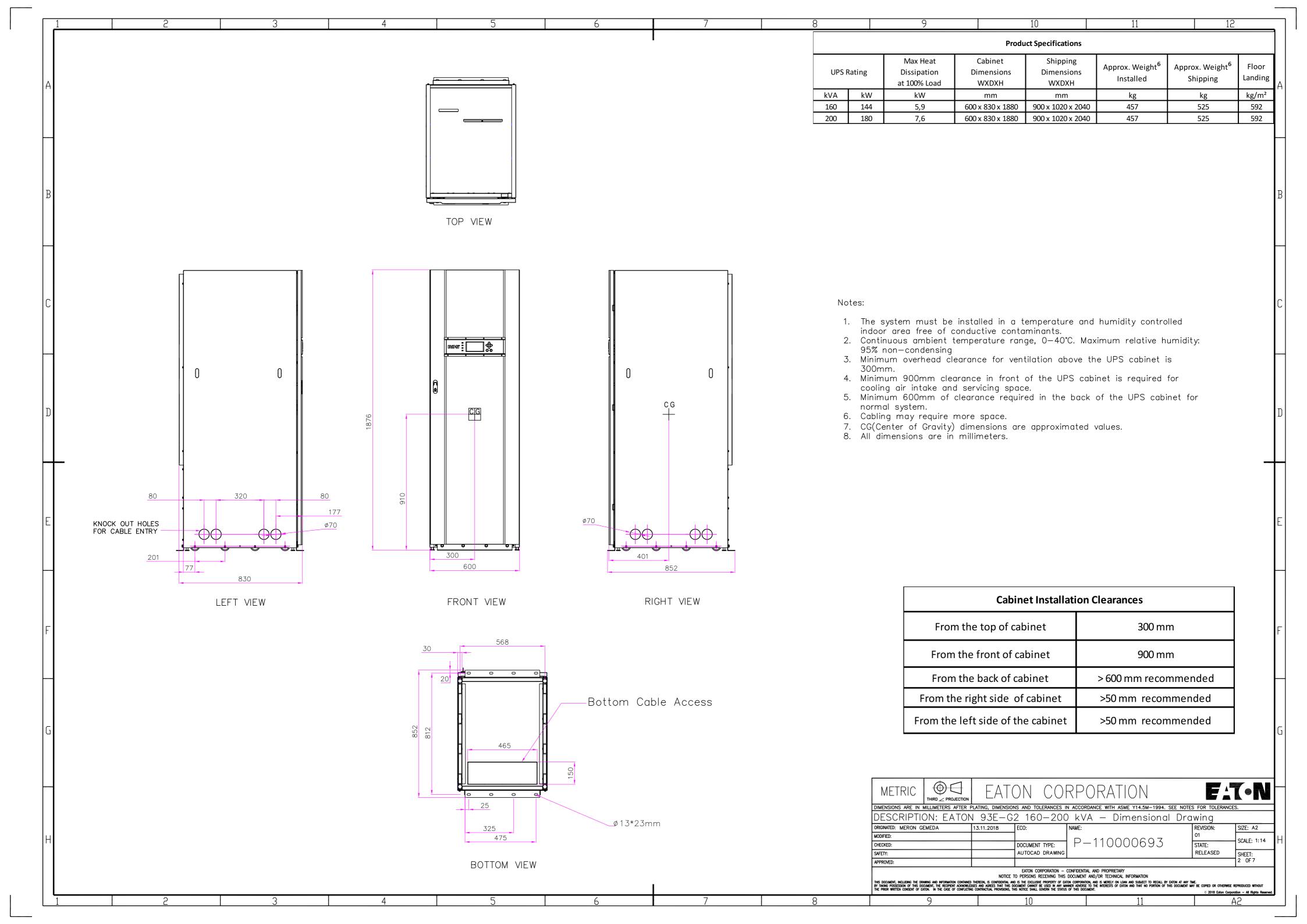
Page 6 Electrical & Signal Wiring of Parallel Units

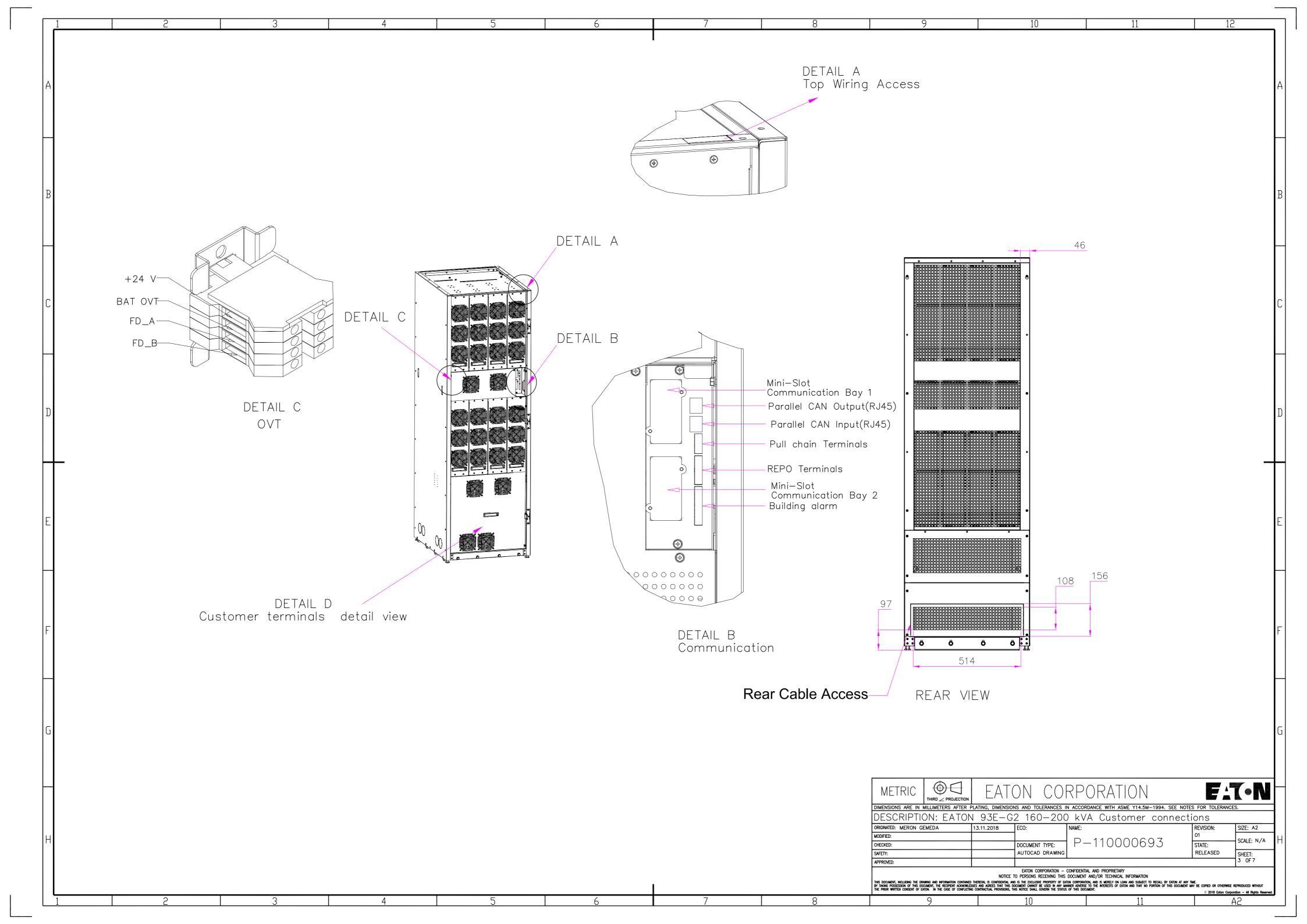
Page 7 Product Specifications

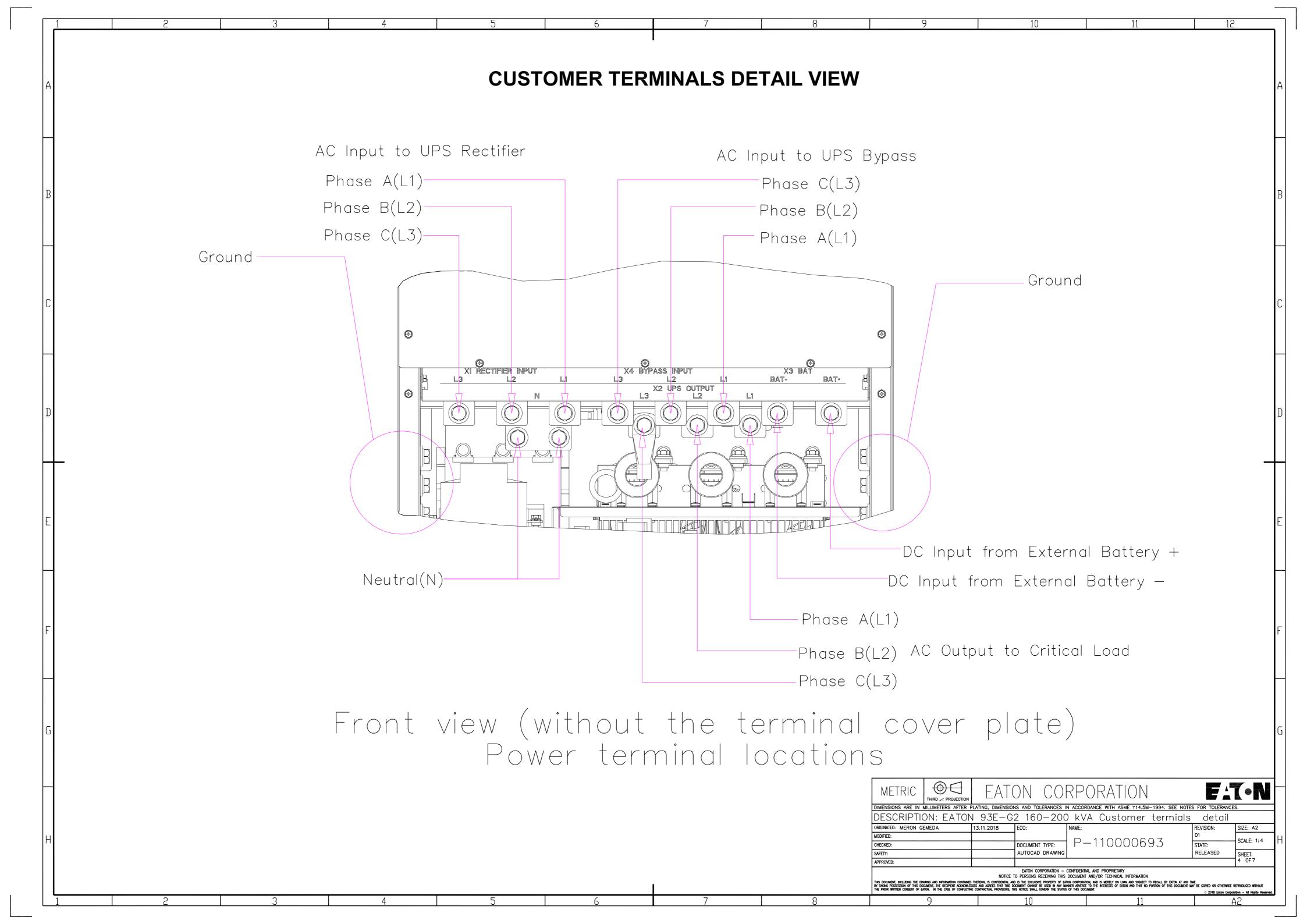


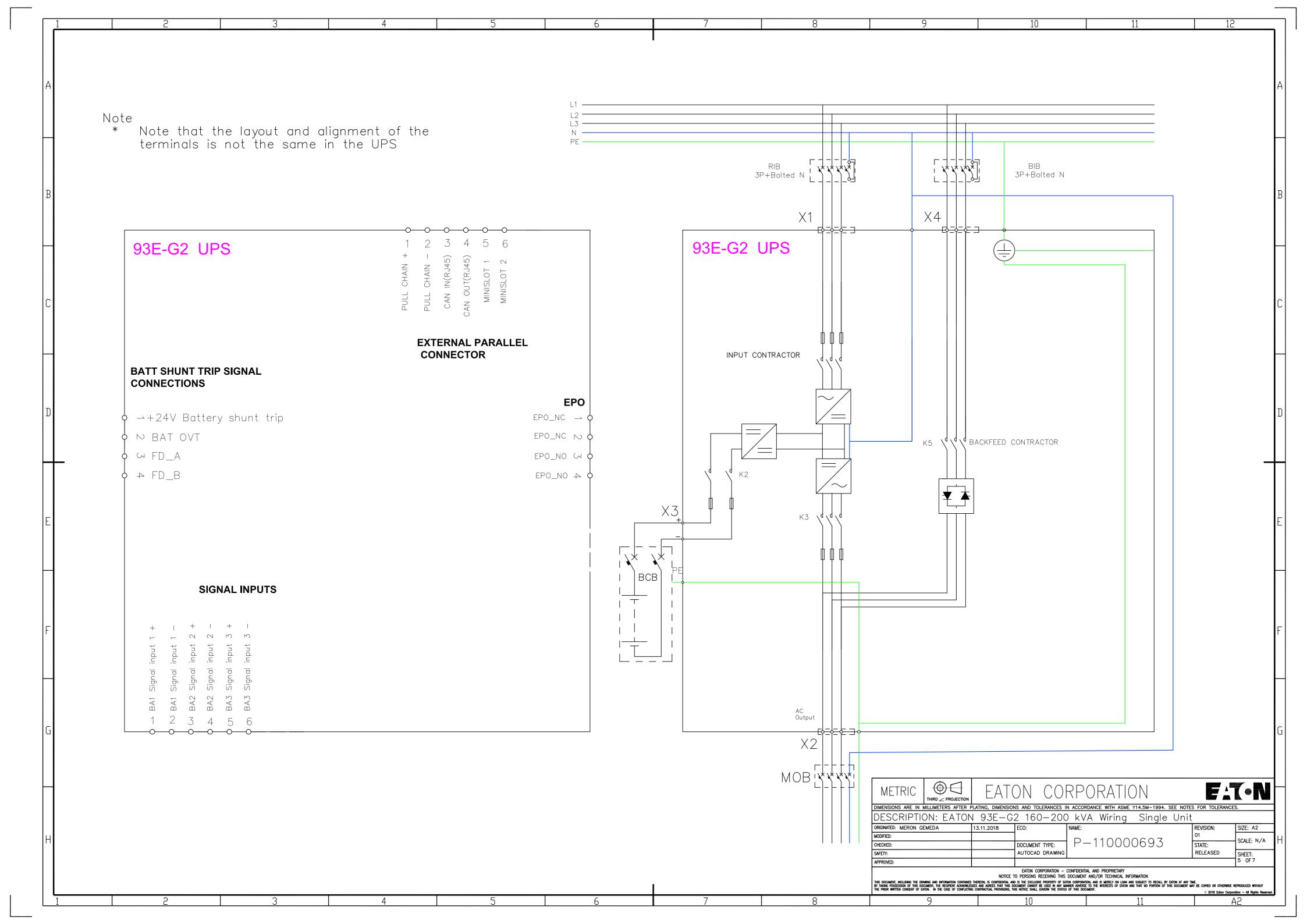
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DESCRIPTION	ON: EATON	N 93E−G	2 160-200	) kVA		
ORIGINATED: MERON GEMEDA		13.11.2018	ECO:	NAME:	REVISION:	SIZE: A2
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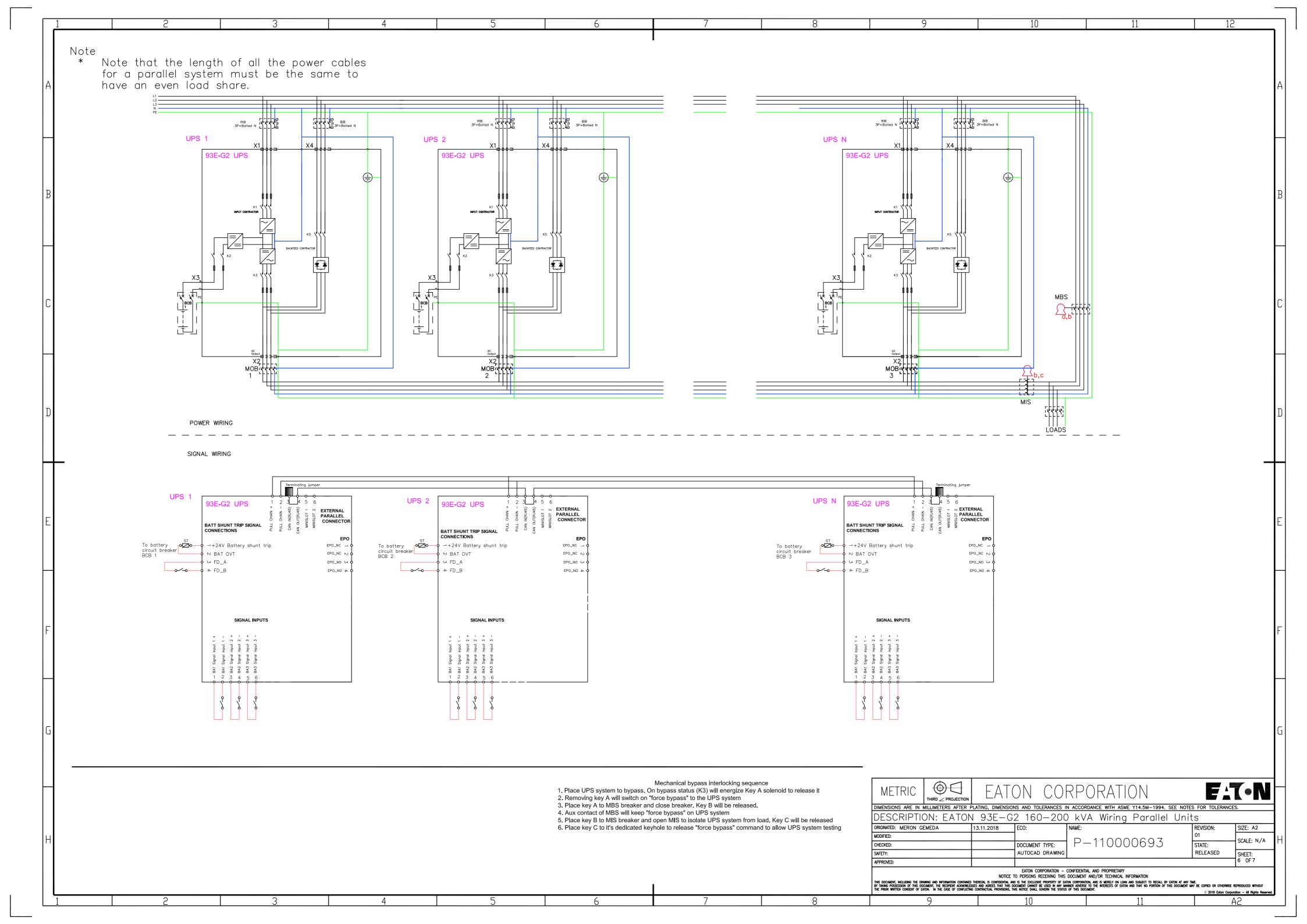












## Eaton 93E-Generation 2 160-200 kVA UPS Site Planning Data

							Product S <sub>l</sub>	pecifications					
UPS	UPS Rating AC Input		Rectifier Input Breaker Bypas (RIB)		3P+Bolted N Bypass Input Breaker (BIB)	er AC Output	4P Inverter AC output Breaker MOB		Battery Breaker (BCB) (Ratings at 36 blocks string length)				For Parallel Units Common Maintenance Bypass Switch (MBS)
			Nominal Current at 380V	Maximum Current	Nominal Current at 380V		Output Current	Inverter Short Circuit Current	Rating	· · · · · · · · · · · · · · · · · · ·		Trip Device (Shunt Trip)	Rating
kVA	kW	V	А	А	А	\ \	А	A / 400ms	VDC	Rated current [A]	Maximum current [A]	VDC	А
160	144	400	252	352	243	400	243	720	500	330	412	24	243 x N
200	180	400	316	352	304	400	304	720	500	412	515	24	304 x N

## Notes:

- 1. Rectifier AC input current calculations: Nominal, 100% load with full charging;
- 2. Maximum AC input calculations: Rectifier current limit.
- 3. Inverter AC output current calculation: Nominal, 100% rated load.
- 4. The system must be installed on a level floor suitable for computer or electronic equipment.
- 5. The system must be installed on surface which is not combustible.
- 6. All wiring and installations must be in accordance with applicable National and Local Electric Regulations.
- 7. AC input to UPS: (3) phases, (1) neutral, (1) ground.
  AC output to load: (3) phases, (1) neutral, (1) ground.
  DC input from battery to UPS: (1) positive, (1) negative, (1) ground.
- 8. All breakers should be adjusted according to the specified Ampere values to protect the UPS and installation.
- 9. For UPS installation that utilizes single feed input, the input breaker should be configured according to the rated rectifier input current.
- 10. Specifications are subject to change.

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