

SITE PLANNING DATA 93E 80KVA

Page 1 Packaging Dimensions

Page 2 Dimensional Drawings

Page 3 COG and Clearance Dimensions

Page 4 Customer Connections

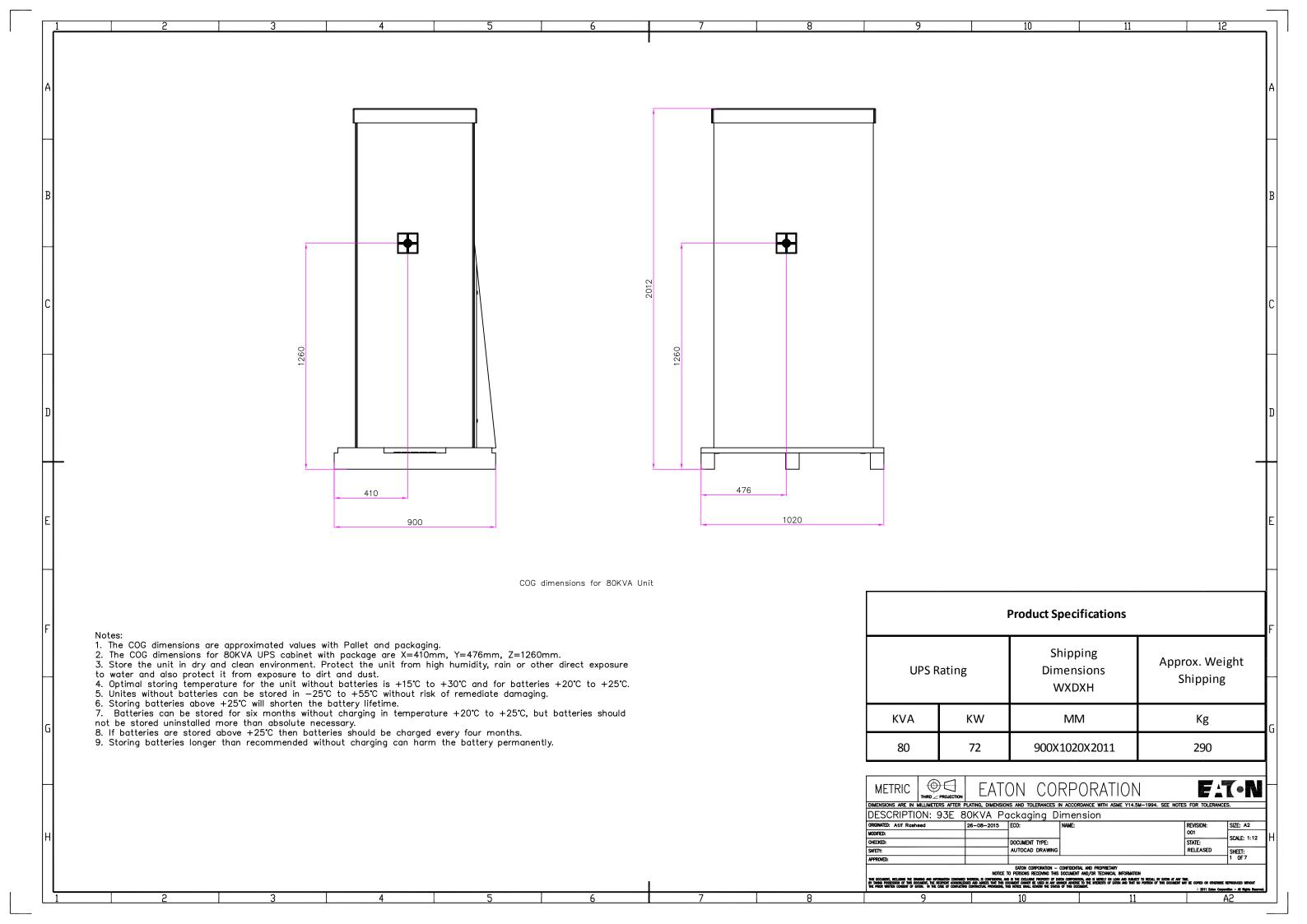
Page 5 Electrical Wiring of Single Unit

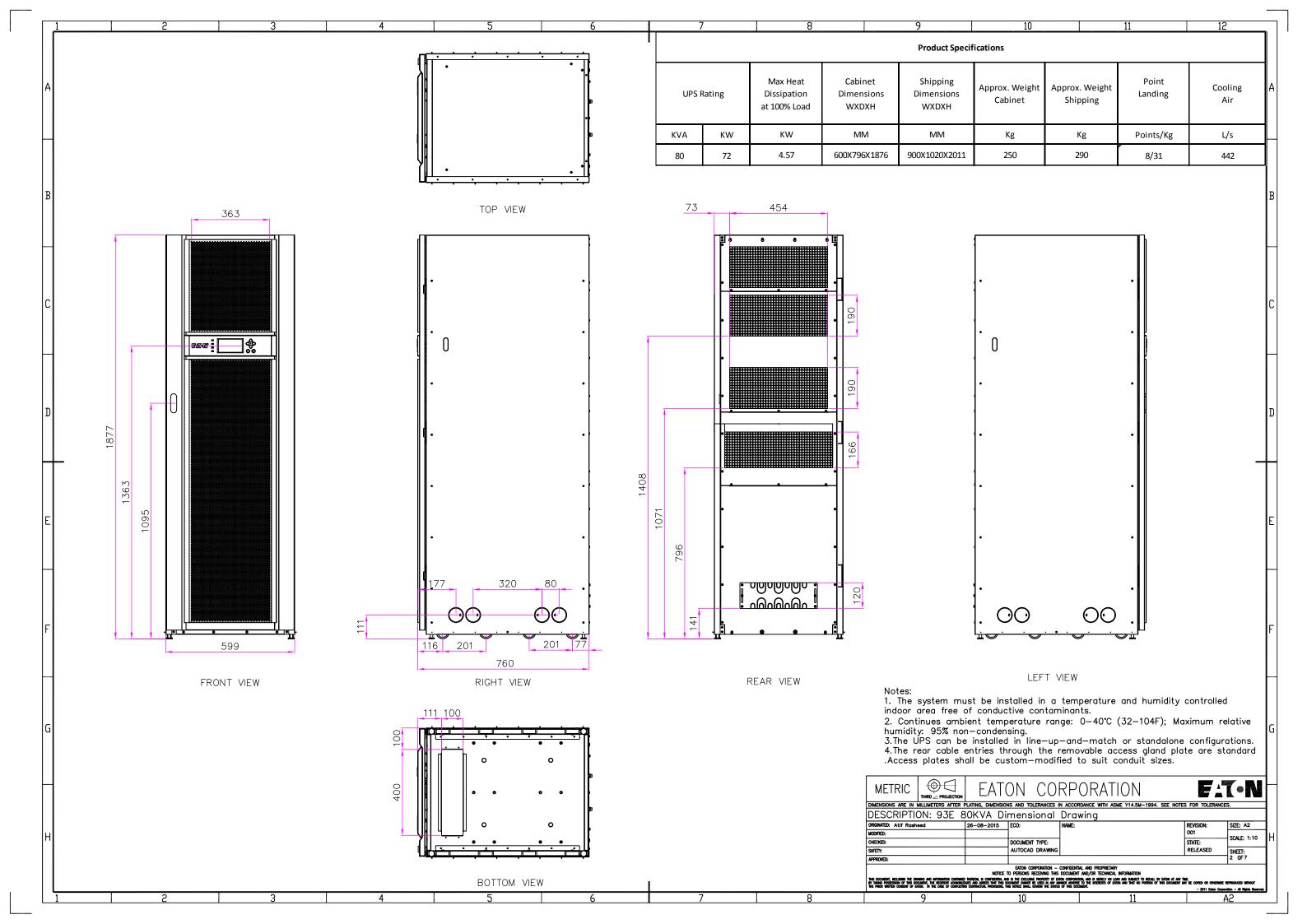
Page 6 Electrical & Signal Wiring of Parallel Units

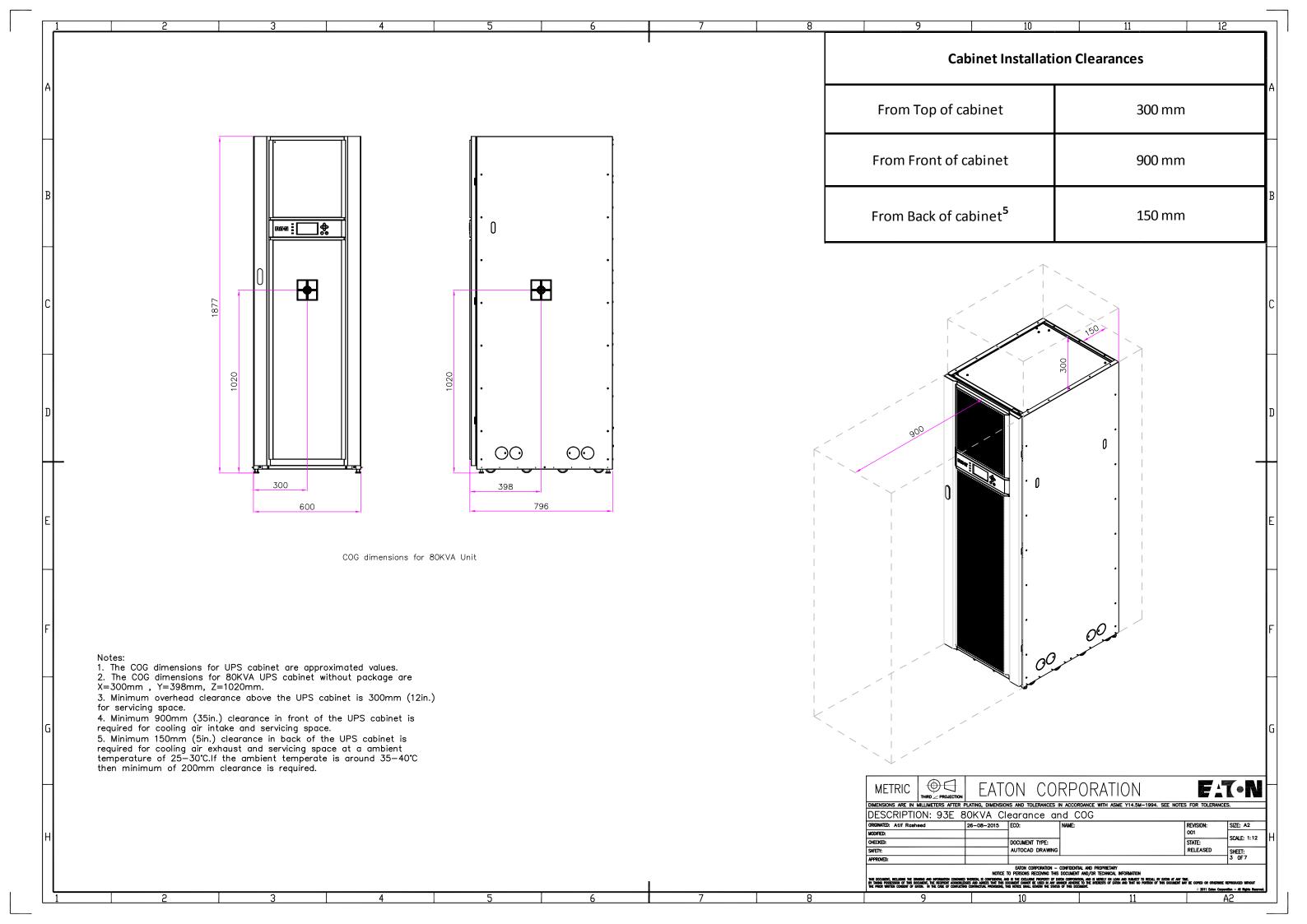
Page 7 Product Specifications

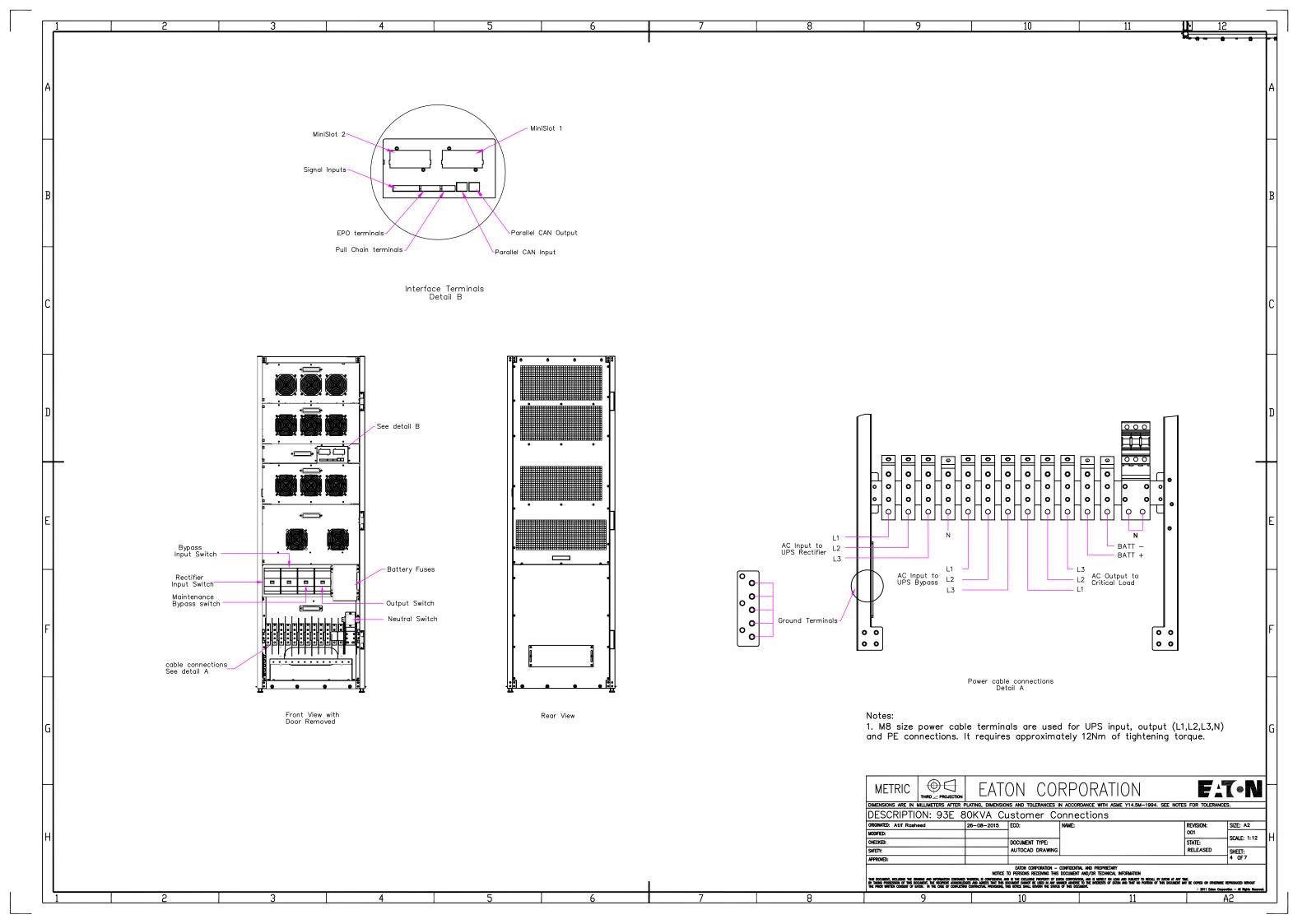


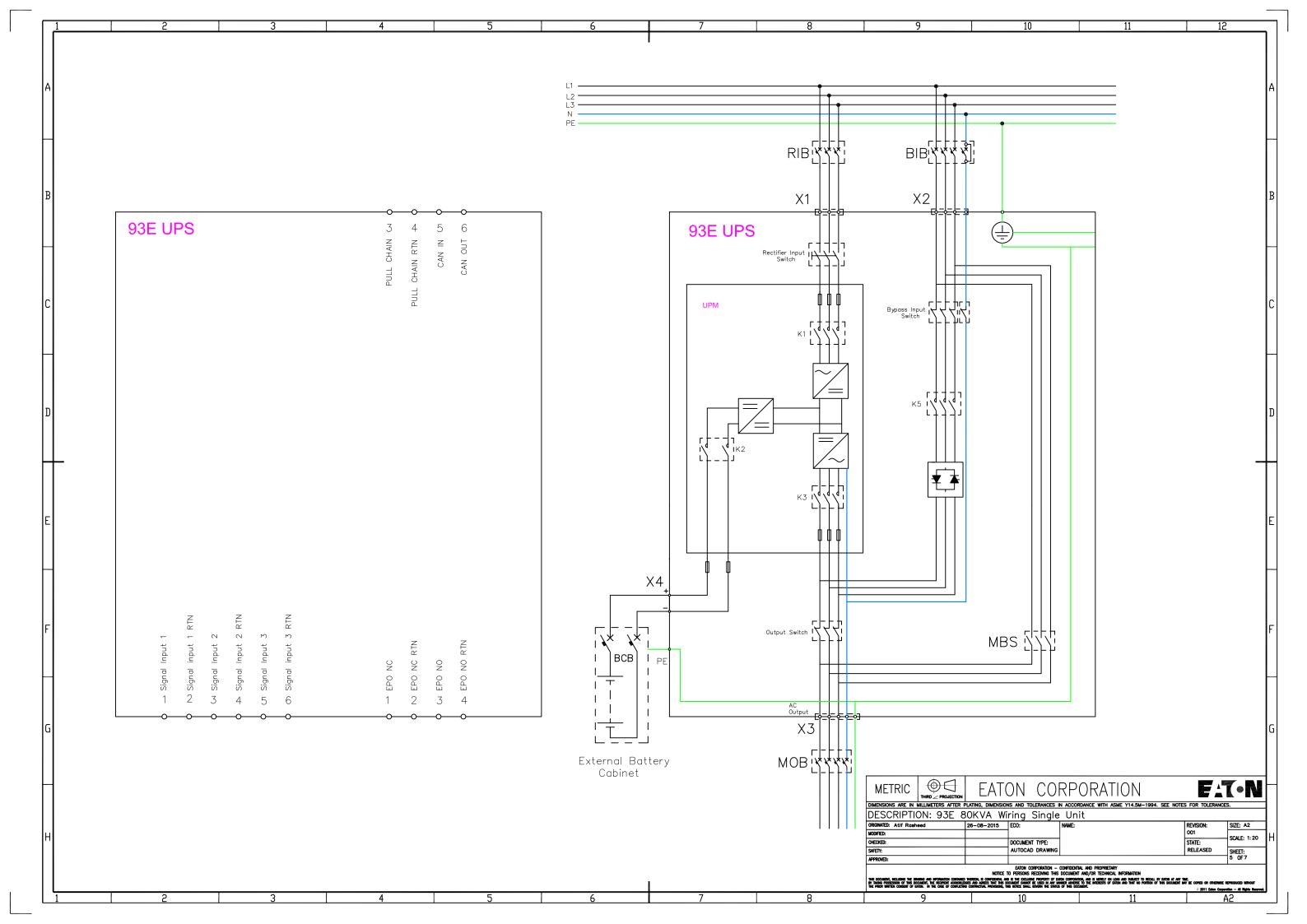
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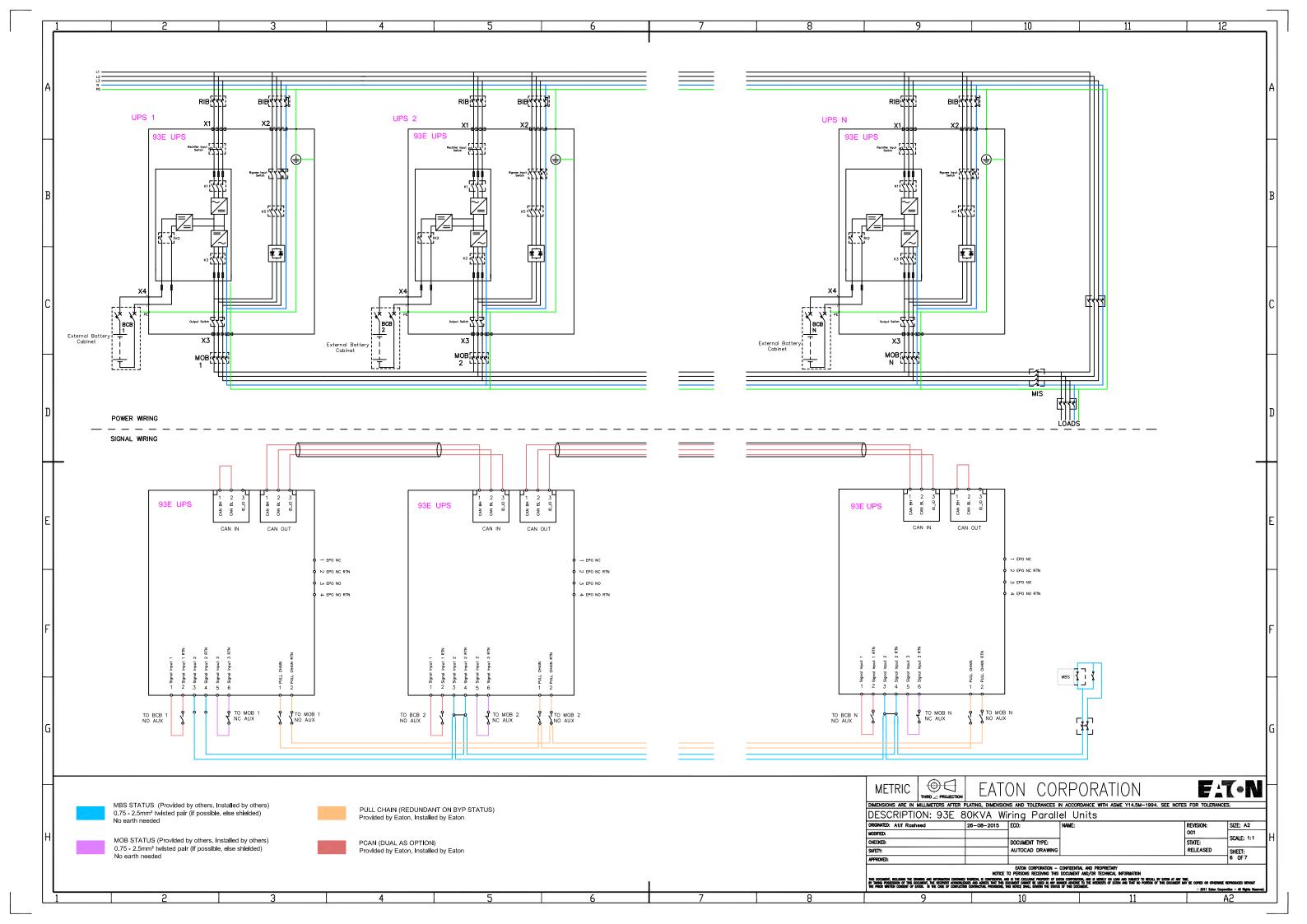












93E 80KVA UPS Site Planning Data

	Product Specifications																
			_	P put Breaker IB)	Bypass In	olted N put Breaker BIB)			Inverter AC	4P output Breaker //OB			Battery Breaker (B t the end of discha (36 Blocks)		For Single Unit Maintenance Bypass Switch (MBS)	Common M Bypass	llel Units Maintenance S Switch MBS)
UPS F	Rating	AC Input	Nominal Current	Maximum Current	Nominal Current at 400v Input	Maximum Current at 15 % under voltage	AC Output	Output Current	Inverter Short	t Circuit Current	Auxiliary Switches	Rating	Battery end of discharge current	Auxiliary Switches	Rating	Rating	Auxiliary Switches
KVA	KW	v	Α	А	А	А	V	А	A / 0100ms	A / 100160ms	Qty	VDC	А	Qty	А	А	Qty
80	72	400	123	136	115	133	400	115	241	152	1	500	217	1	115	115 X N	1

			Mi	nimum recommend	ed cable and fuse si	zes			
UPS RATING KVA	Rectifier Input Cable [mm²] (3P)	Rectifier Fuse [A]	Bypass Input Cable [mm²] (3P+N)	Bypass Fuse [A]	Bypass Input Cable [mm²] (3P+N)	Bypass Fuse [A]	PE Cable [mm²]	POS. & NEG. Line [mm²]	Battery Fuse [A]
80	1 x 70	160	1 x 50	125	1 x 50	125	1 x 35	2 x 50	250

Notes

- 1. Rectifier AC input current calculations: Nominal 100% load without charging; Maximum 100% load with maximum charging (Rectifier current limit).
- 2. Inverter AC output current calculation: At 100% rated output load.
- 3. The system must be installed on a level floor suitable for computer or electronic equipment.
- 4. All wiring and installations must be in accordance with applicable National and Local Electric Regulations.
- 5. 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.
- 6. All breakers should be adjusted according to the specified Ampere values to protect the UPS and installation.
- 7. For UPS installation that utilizes single feed input, The input breaker should be configured according to the rated rectifier input current.
- 8. Cable sizing is based on the standard IEC 60364-5-52 and IEC 60364-5-54. The sizing is for 70°C rated copper cables.
- 8. Specifications are subject to change.

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