



Powering Business Worldwide

SITE PLANNING DATA 9395P 250/300KVA-MBS

Page 1

Dimensional Drawings

Page 2

Customer Connections

Page 3

Isometric View of Customer Connections

Page 4

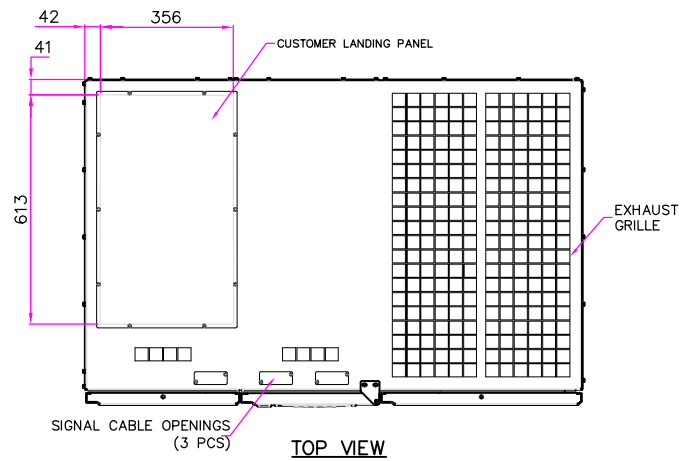
Electrical Wiring of single unit

Page 5

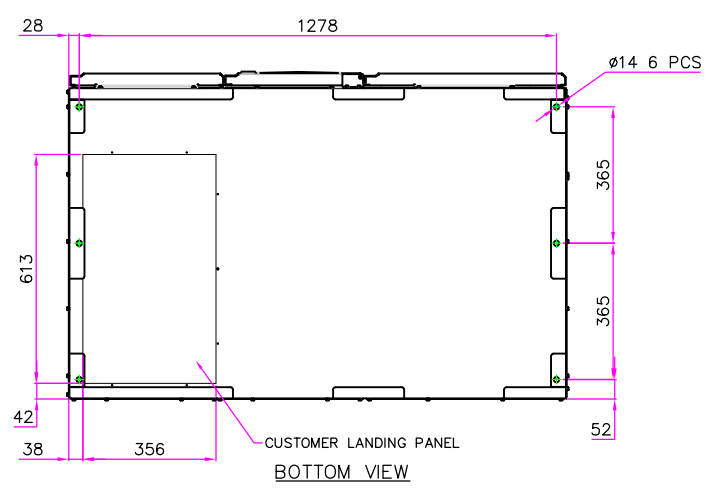
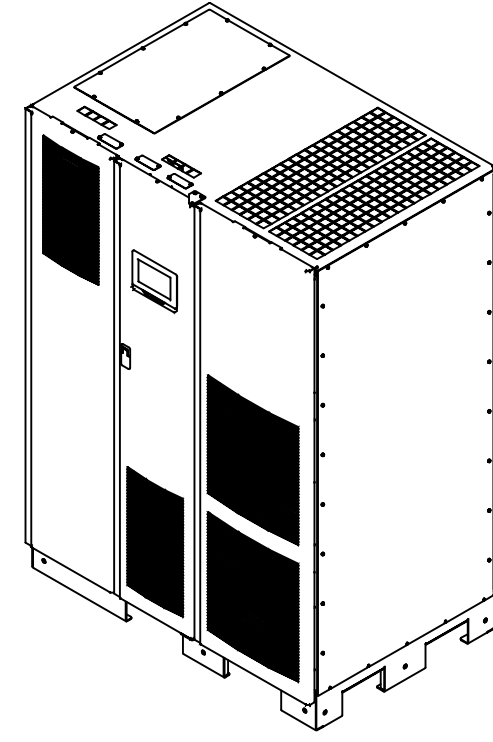
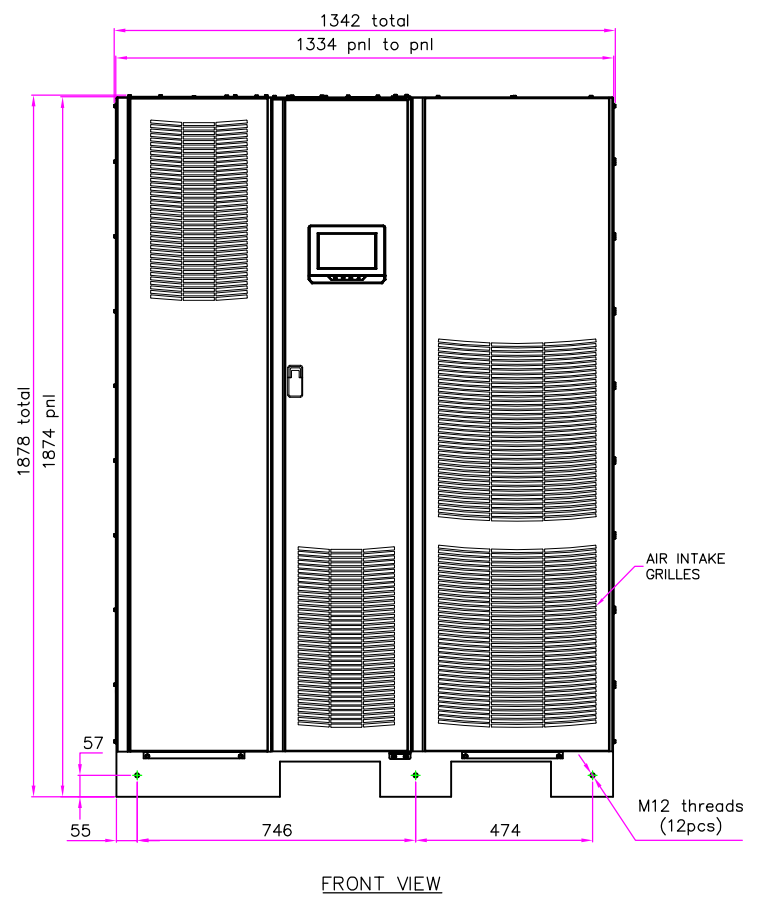
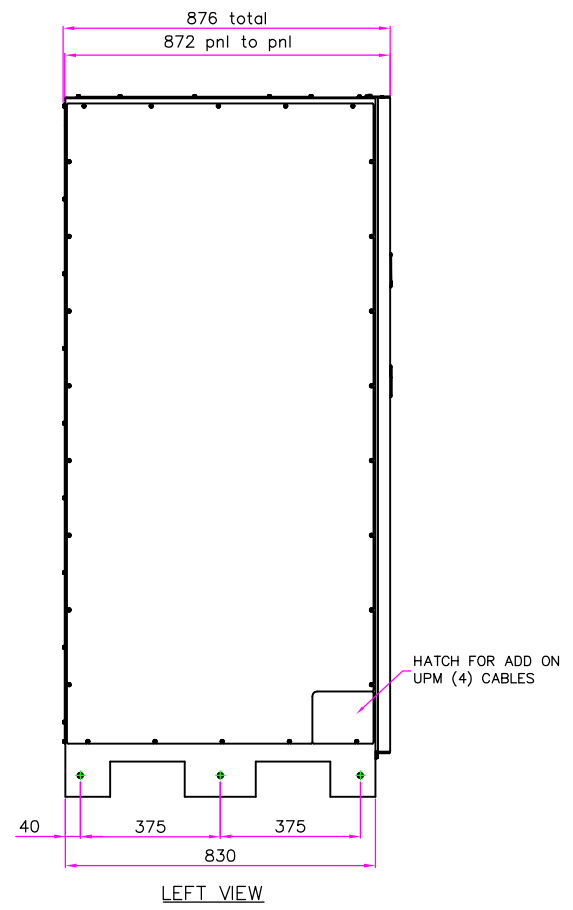
Product Specifications



METRIC		THIRD ANGLE PROJECTION		EATON CORPORATION			
DIMENSIONS ARE IN MILLIMETERS AFTER PLATING, DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994. SEE NOTES FOR TOLERANCES.							
DESCRIPTION: 9395P 300KVA with MBS							
ORIGINATED: ATIF RASHEED	27.04.2015	ECO:	NAME:	REVISION: 001	SIZE: A2		
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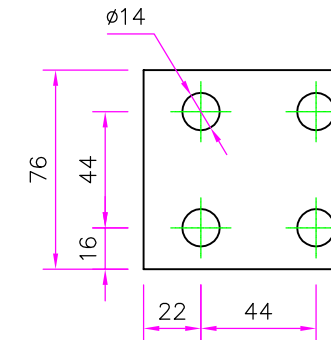
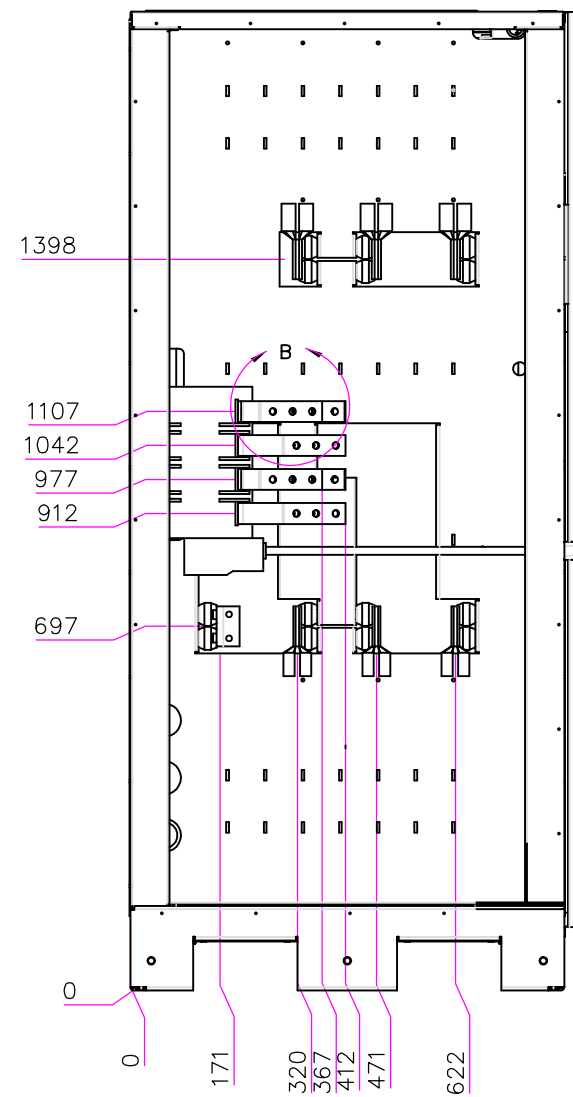
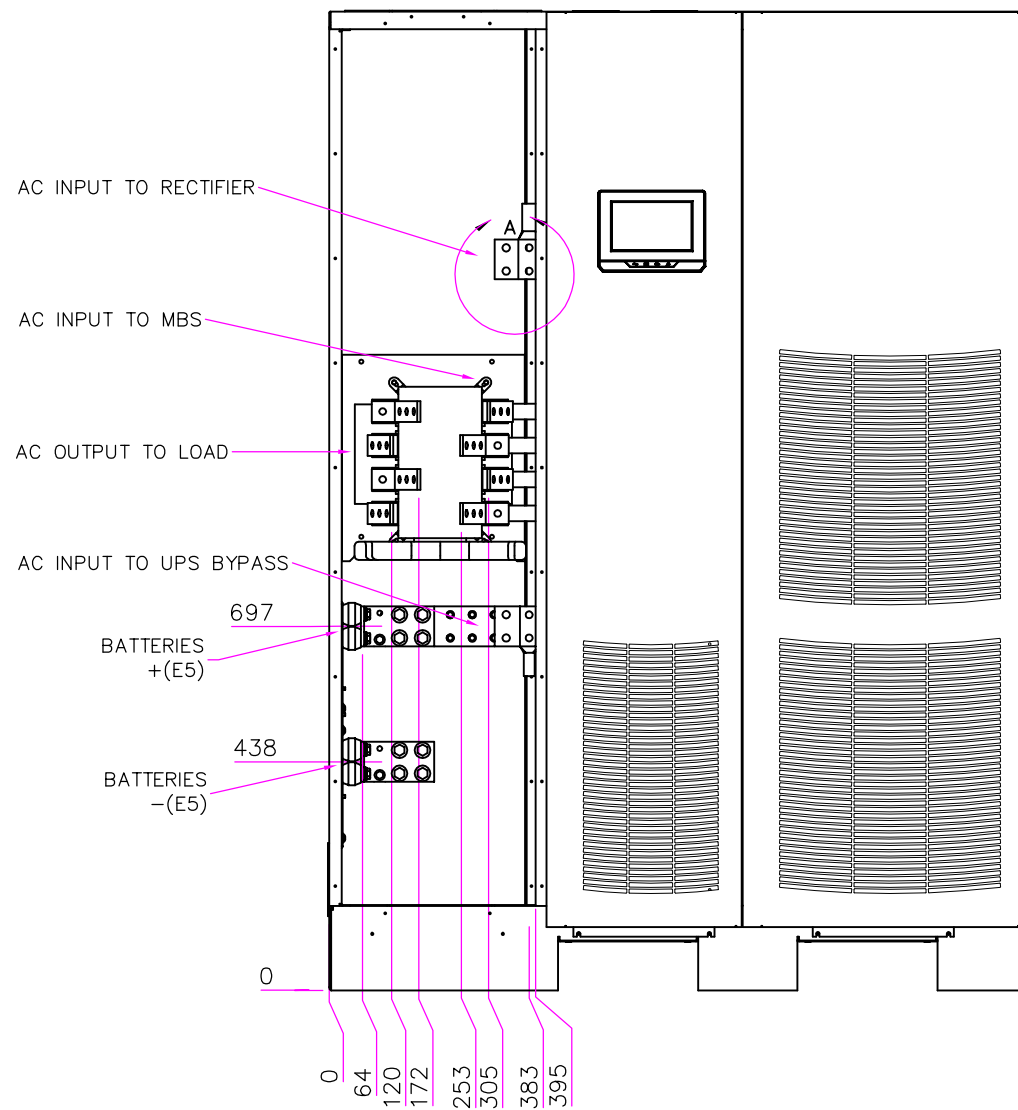


Product Specifications						
UPS Rating		Max Heat Dissipation at 100% Load	Dimensions WXD _X H	Approx. Weight Unpacked	Floor Landing	Cooling Air
KVA	KW	KW	MM	Kg	Kg/m ²	L/S
250	250	11.2	1342X875X1878	830	752	1160
300	275	12.7	1342X875X1878	830	752	1160

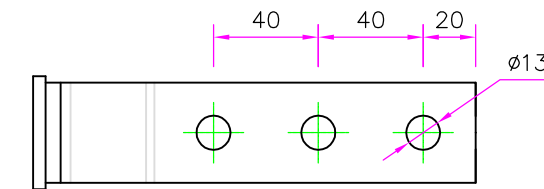


- Notes:
1. The system must be installed in a temperature and humidity controlled indoor area free of conductive contaminants.
 2. Continues ambient temperature range: 0–40°C (32–104F); Maximum relative humidity: 95% non–condensing.
 3. Minimum overhead clearance for ventilation above the UPS cabinet is 457mm (18in.).
 4. Minimum 915mm (36in.) clearance in front of the UPS cabinet is required for cooling air intake and servicing space.
 5. Top and bottom cable entries through removable access plates are standard for all configurations. Access plates shall be custom–modified to suit conduit sizes.

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Detail View A
Scale 2:1

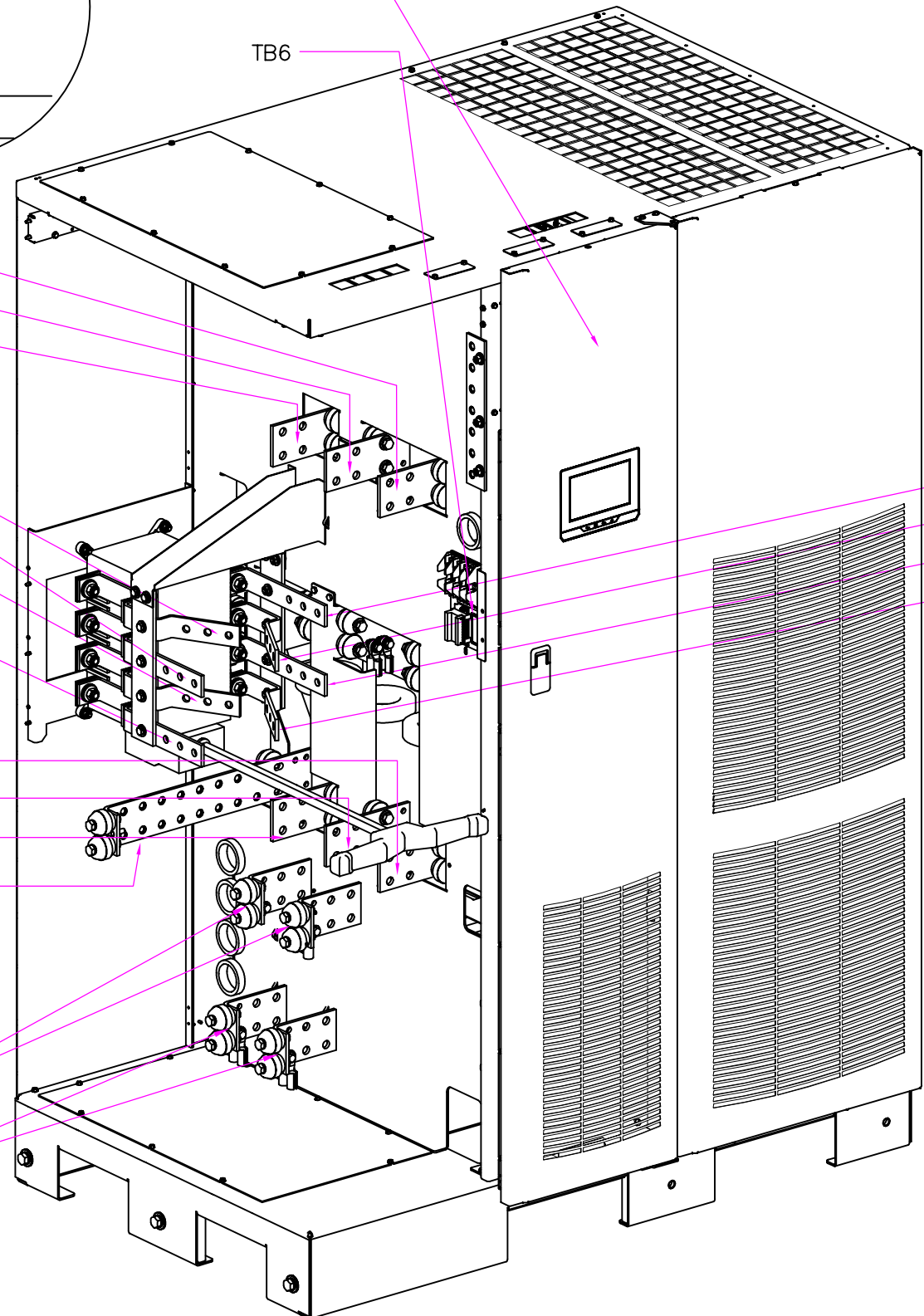
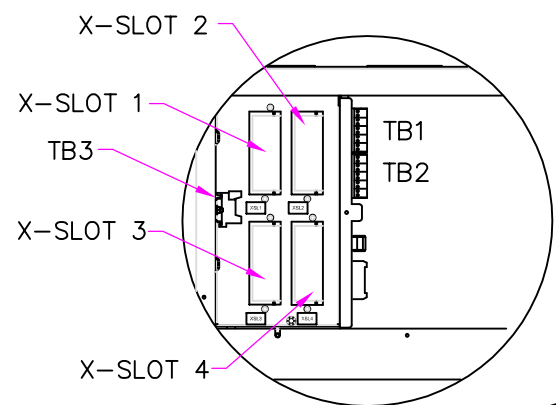


Detail View B
Scale 2:1

Note:
1. The Bus Bars are Tin coated and suitable for both Cu and Al connections.

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BEHIND COVERS



- TB1**
- 1 REMOTE EPO NC
 - 2 REMOTE EPO NO RTN
 - 3 REMOTE EPO NO
 - 4 REMOTE EPO NO RTN
 - 5 BATT AUX
 - 6 BATT AUX RTN
 - 7 BATT SHUNT +
 - 8 BATT SHUNT -
 - 9 K3 NC AUX
 - 10 K3 NC AUX

- TB2**
- 1 PULL CHAIN
 - 2 PULL CHAIN RTN
 - 3 ALRM RELAY NC
 - 4 ALRM RELAY RTN
 - 5 ALRM RELAY NO
 - 6 ALRM RELAY RTN

MECHANICAL BYPASS FEED

- L1(E1)
- L2(E2)
- L3(E3)
- N

- TB3**
- 1 BLDG ALARM 1
 - 2 BLDG ALARM 1 RTN
 - 3 BLDG ALARM 2
 - 4 BLDG ALARM 2 RTN
 - 5 BLDG ALARM 3
 - 6 BLDG ALARM 3 RTN
 - 7 BLDG ALARM 4
 - 8 BLDG ALARM 4 RTN
 - 9 BLDG ALARM 5
 - 10 BLDG ALARM 5 RTN

- TB6**
- 1 BYP ϕ L1
 - 2 BYP ϕ L2
 - 3 BYP ϕ L3
 - 4 BYP N
 - 5 OUT ϕ L1
 - 6 OUT ϕ L2
 - 7 OUT ϕ L3
 - 8 SYNC ϕ L1
 - 9 SYNC ϕ L2
 - 10 SYNC ϕ L3

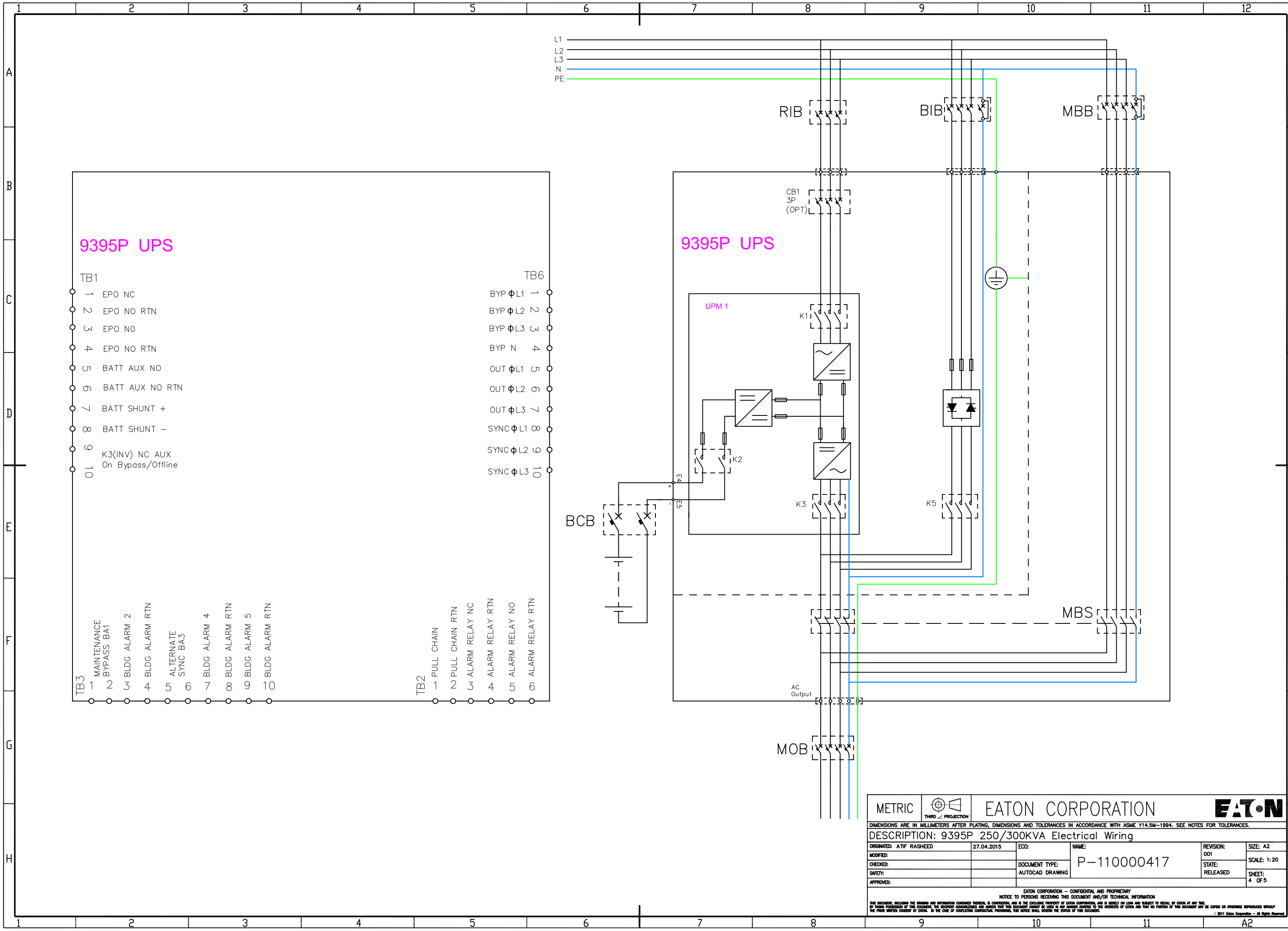
- AC INPUT**
- L3(E3)
 - L2(E2)
 - L1(E1)

- UPS OUTPUT**
- L1(E9)
 - L2(E10)
 - L3(E11)
 - N

- BYPASS INPUT**
- L3(E8)
 - L2(E7)
 - L1(E6)
 - N(E12)

- BATTERY CONNECTIONS**
- +(E4)
 - (E5)

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9395P UPS

TB1	1	EPO NC	TB6	1	BYP ϕ L1
	2	EPO NO RTN		2	BYP ϕ L2
	3	EPO NO		3	BYP ϕ L3
	4	EPO NO RTN		4	BYP N
	5	BATT AUX NO		5	OUT ϕ L1
	9	BATT AUX NO RTN		9	OUT ϕ L2
	7	BATT SHUNT +		7	OUT ϕ L3
	8	BATT SHUNT -		8	SYNC ϕ L1
	01	K3(INV) NC AUX On Bypass/Offline		6	SYNC ϕ L2
				10	SYNC ϕ L3
TB3	1	MAINTENANCE BYPASS BA1	TB2	1	PULL CHAIN
	2	BLDG ALARM 2		2	PULL CHAIN RTN
	3	BLDG ALARM RTN		3	ALARM RELAY NC
	4	ALTERNATE SYNC BA3		4	ALARM RELAY RTN
	5	BLDG ALARM 4		5	ALARM RELAY NO
	6	BLDG ALARM RTN		6	ALARM RELAY RTN
	7	BLDG ALARM 5			
	8	BLDG ALARM RTN			
	9	BLDG ALARM RTN			
	10	BLDG ALARM RTN			

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DESCRIPTION: 9395P 250/300KVA Electrical Wiring					
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9395 P 300 KVA-MBS UPS Site Planning Data

Product Specifications

UPS Rating		AC Input		3P Rectifier Input Breaker (RIB)		3P+Bolted N Bypass Input Breaker (BIB)			4P Inverter AC output Breaker MOB			Battery Breaker (BCB)				Maintenance Bypass Breaker (MBB)	Maintenance Bypass Switch (MBS)		
				Nominal Current	Maximum Current	Nominal Current at 400v Input	Maximum Current at 10% under voltage	Integrated Bypass Fuse	AC Output	Output Current	Short Circuit Current	Auxiliary Switches	Rating	Separate Battery Configuration (UPM Bttery)	Common Battery Configuration (UPS Battery)	Trip Device (Shunt Trip)	Auxiliary Switches	Rating	Rating
KVA	KW	v	A	A	A	A	Type	v	A	A	Qty	VDC	A	A	VDC	Qty	A	A	Qty
250	250	400	380	455	361	398	170M4467 700A	400	435	760	2	600	664	664	48	1	435	435	1
300	275	400	420	500	435	479	170M4467 700A	400	435	760	2	600	733	733	48	1	435	435	1

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 installations that utilizes single feed input, The input breaker should be configured according to the rated rectifier input current..
8. Specifications are subject to change.

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