

SITE PLANNING DATA 93PS Marine Redundant 8+8-20+20 kW

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Page	2	Dimensional Drawings
Page		Packaging Dimensions

Page 3 COG and Clearance Dimensions

Page 4 Customer Connections

Page 5 Electrical Wiring of Single Unit

Page 6 Electrical Wiring of Parallel Units

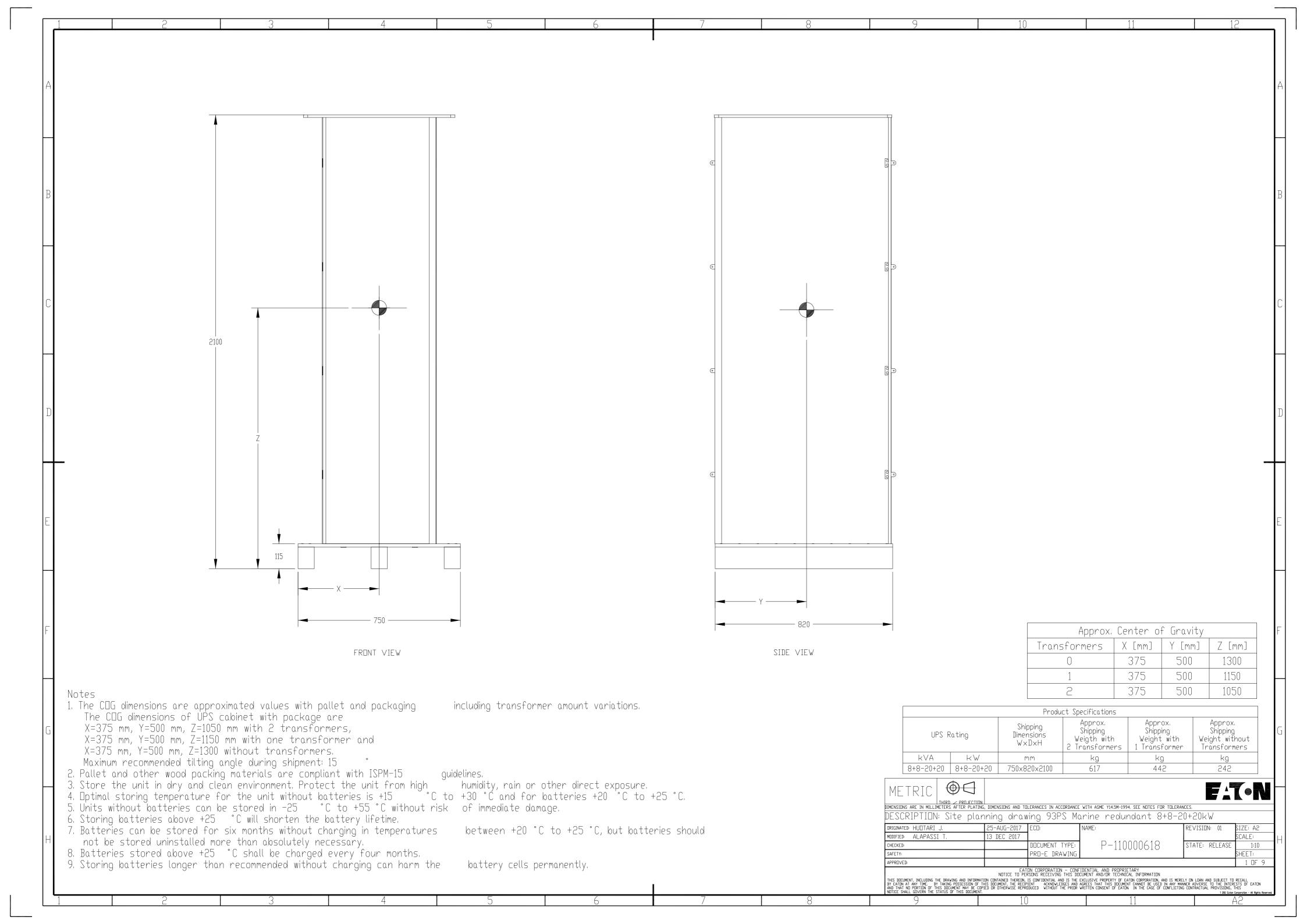
Page 7 Electrical Wiring of Single Units with Transformers

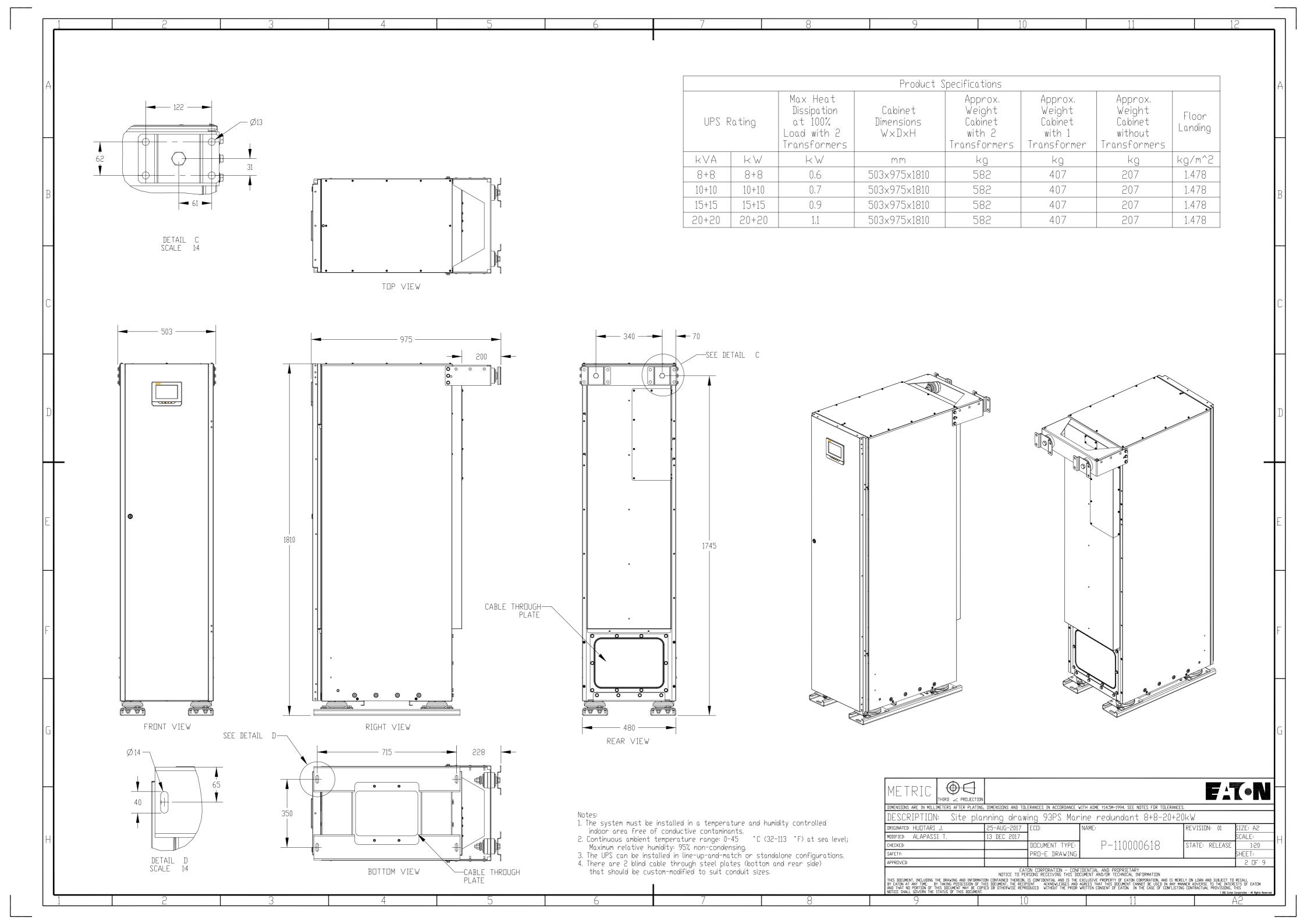
Page 8 Electrical Wiring of Parallel Units with Transformers

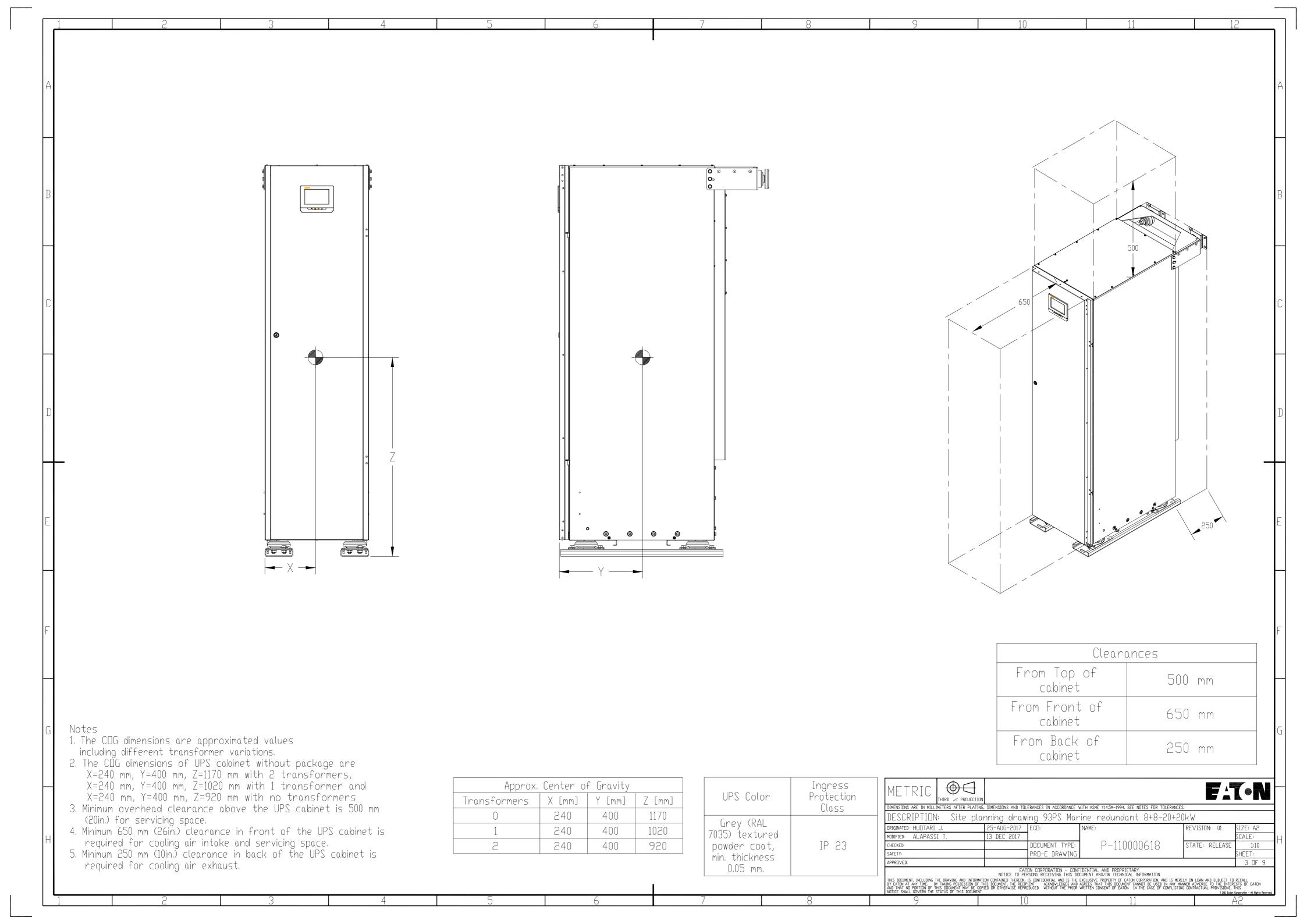
Page 9 Product Secifications

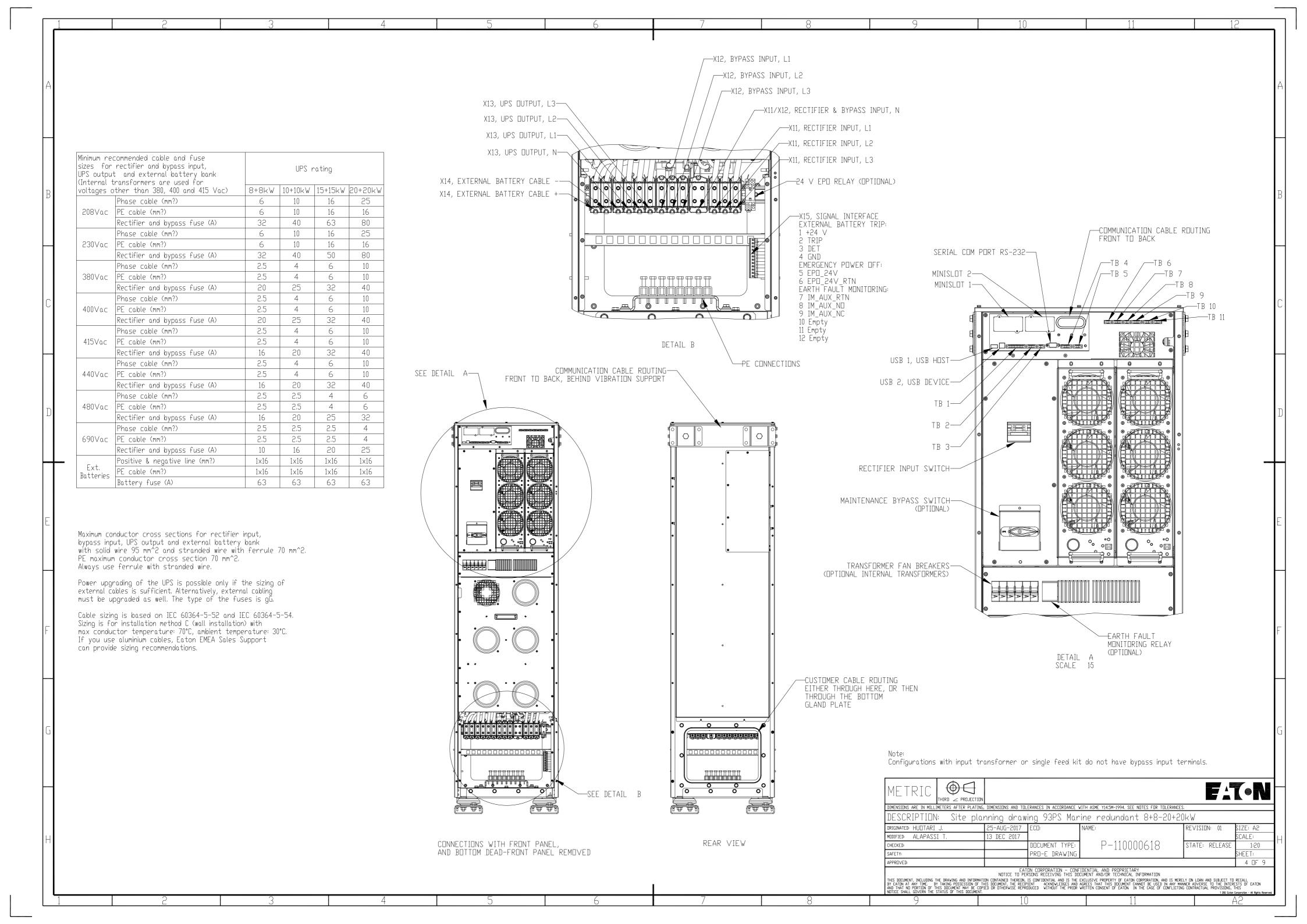


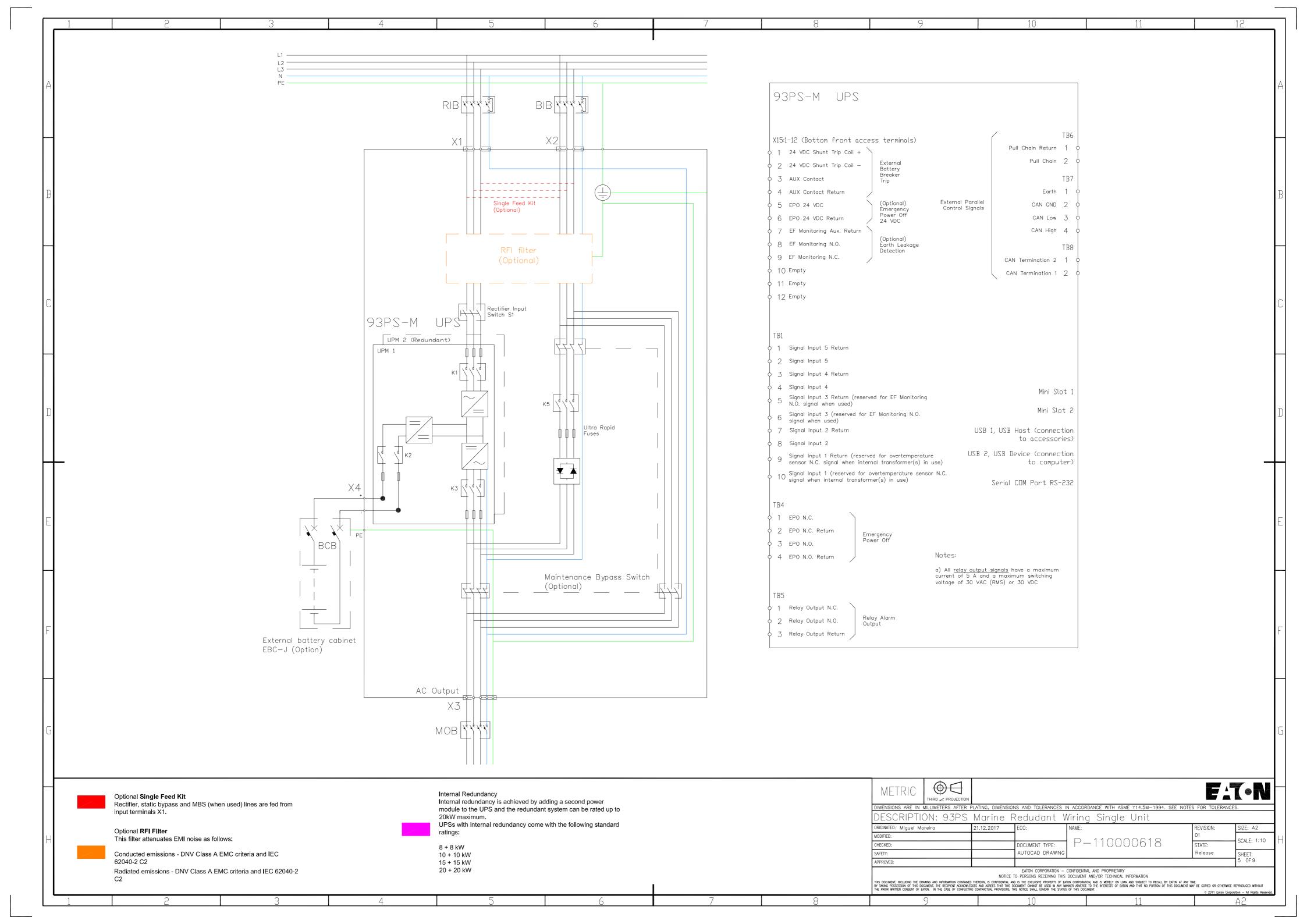
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DIMENSIONS	ARE IN MILLIMETERS AFTER PLA		DLERANCES IN ACCORDANCE	WITH ASME Y14.5M-1994, SEE NOTES FOR TOLE	ERANCES.		
DESCR	RIPTION: Site pl	lanning dra	wing 93PS Mo	arine redundant 8+8-	-20+20kW		
ORIGINATED:	HUDTARI J.	25-AUG-2017	ECO:	NAME:	REVISION: 01	SIZE: A2	
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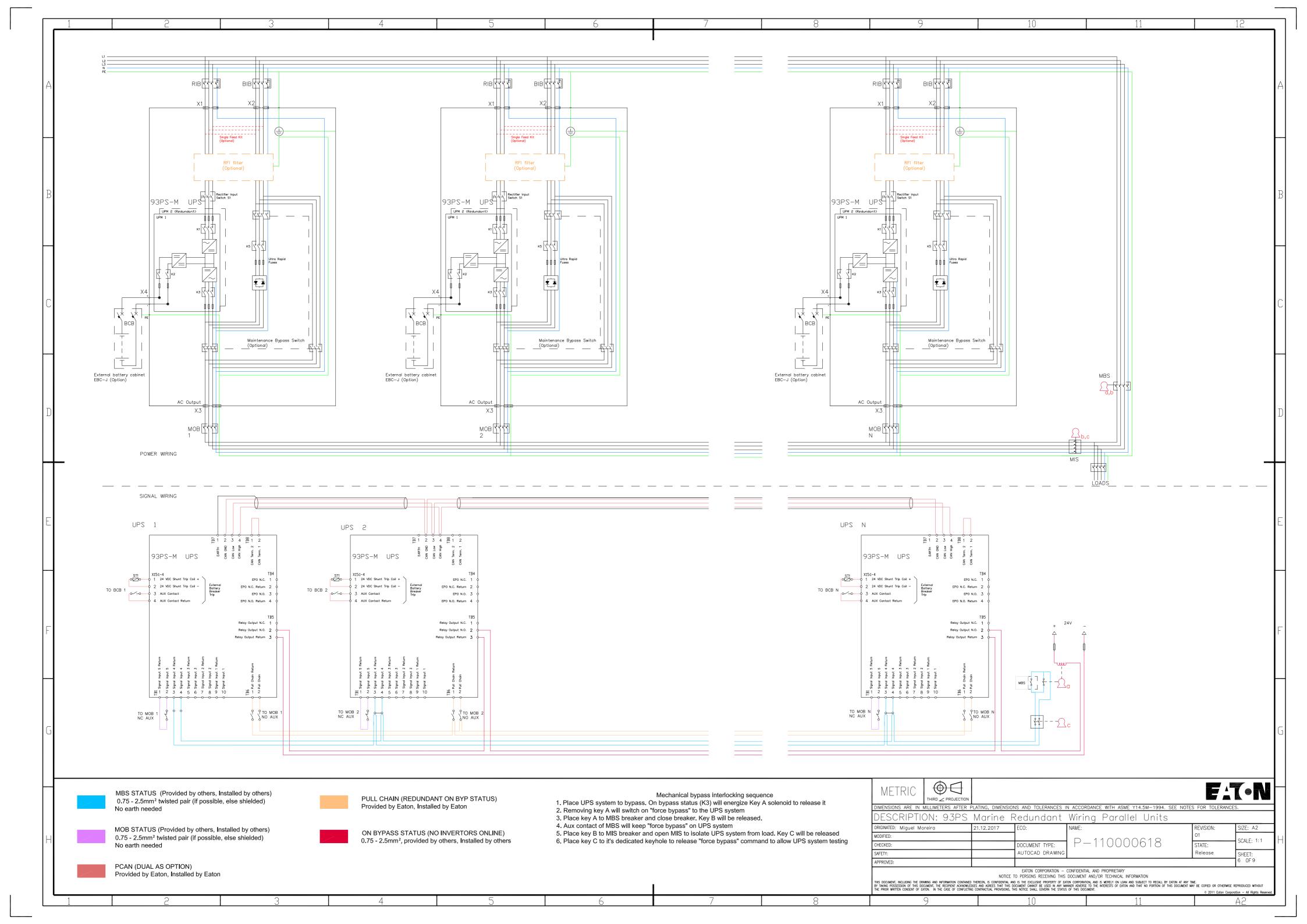


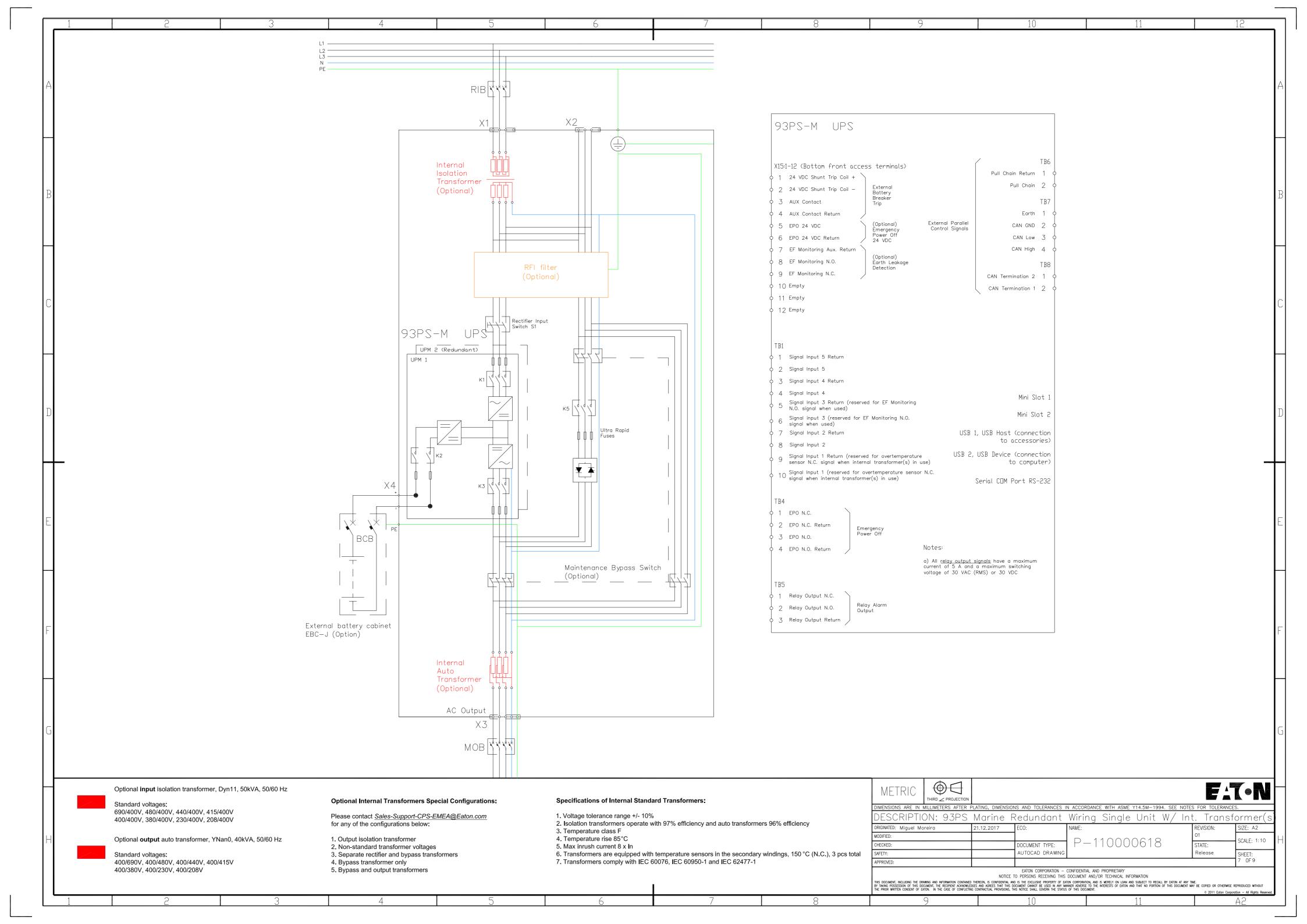


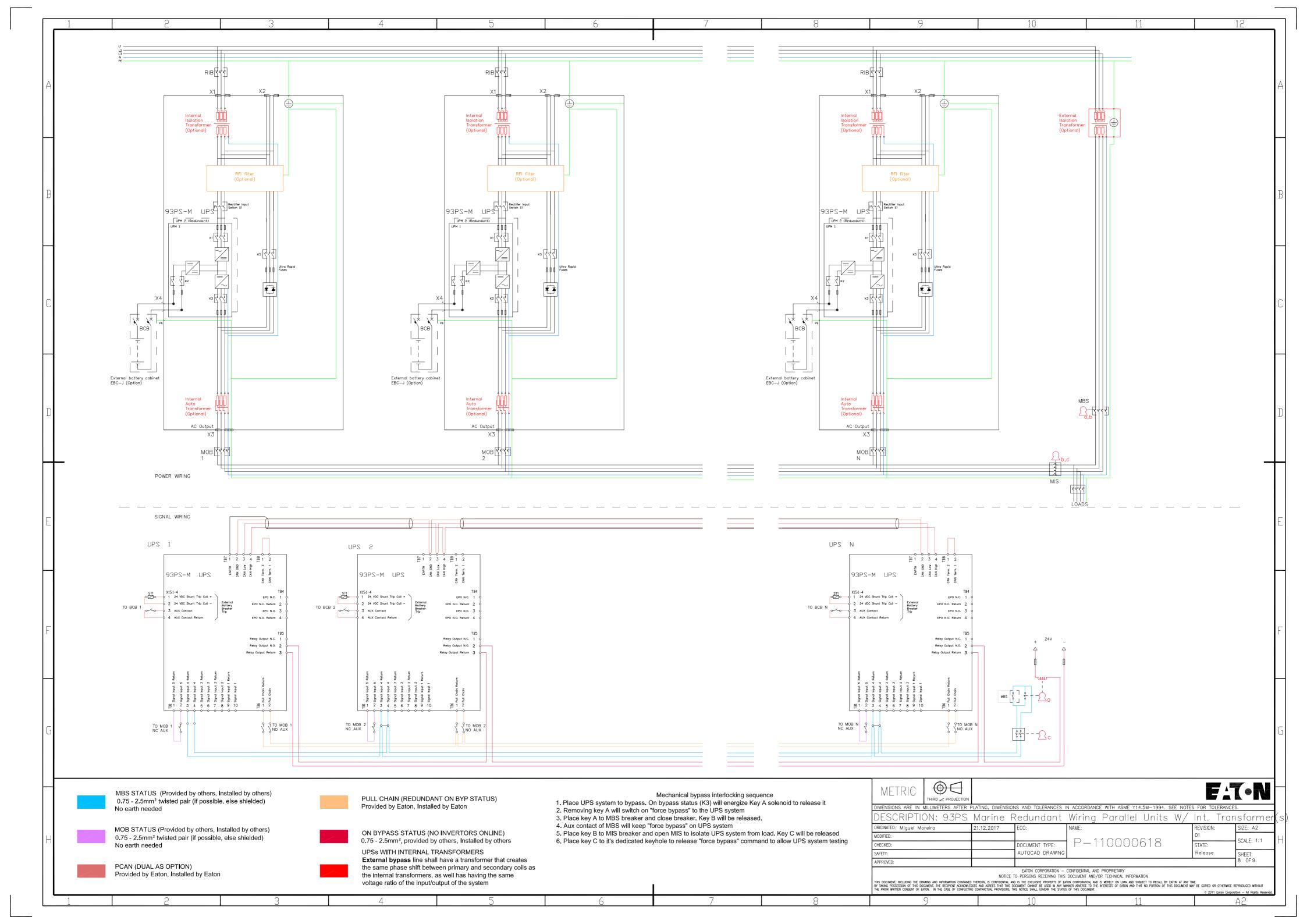












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													I																
A																													
В							3P+Bolted N										Battery Breaker (BCB				For Single Unit	I							
				UPS Rating		AC Input	Rectifier Inp Switch (RIS)			3P+Bolted N Bypass Input Switch (AC	MOR			(Ratings at the end of discharge, 1.67VPC)				Maintenance Bypass Switch (MBS)	Common Maintenance Bypass Switch (MBS)							
				UPS	Kating	AC Input	Nominal	inal Nominal Maxi		Nominal	Maximum		Output		Inverter				Common Battery			(1410-3)	Nominal						
С							Current without transfor mer	Current before	Current before	Current before transformer	Current before transformer at 10% under voltage	Intergrated Bypass Fuse		Output Current	Short	Auxiliary Switches	1	Rating, I maximum	Configur ation (UPS	Device (Shunt Trip)	Auxiliary Switches	Nominal Current before transformer		Auxiliary Switches					
				kVA	kW	V 208 230	-	A 24 22	A 41 37	A 22 20	A 31 28	Type 160 FEE 160 FEE	V 208 230	A 21 19	A / 300 n 32 29	ns Qty 2 2	VDC 480 480	580	Battery) A 18 18	VDC 24 24	Qty 1 1	A 41 37	A 41xN 37xN	Qty 1 1					
				8	8	380 400 415	13 12 12	13 12 12	22 21 21 19	12 12 11	17 16 15	160 FEE 160 FEE 160 FEE	380 400 415	12 11 11	18 17 16	2 2 2	480 480 480	580 580	18 18 18	24 24 24	1 1 1	22 21 21	22xN 21xN 21xN 19xN	1 1 1					
D						440 480 690 208	- - -	11 10 7 30	18 12 47	10 10 7 28	14 13 9 38	160 FEE 160 FEE 160 FEE 160 FEE	440 480 690 208	10 9 6 27	15 14 10 40	2 2 2 2	480 480 480 480	580 580	18 18 18 22	24 24 24 24	1 1 1 1	19 18 12 47	19XN 18xN 12xN 47xN	1 1 1					
	_			10	10	230 380 400 415	- 16 15 15	27 16 16 15	43 26 24 24	25 15 14 14	35 21 20 19	160 FEE 160 FEE 160 FEE 160 FEE	230 380 400 415	24 15 14 13	36 22 21 20	2 2 2 2	480 480 480 480	580 580	22 22 22 22 22	24 24 24 24	1 1 1 1	43 26 24 24	43xN 26xN 24xN 24xN	1 1 1				-	_
						440 480 690	-	14 13 9	22 20 14	13 12 8	18 17 12	160 FEE 160 FEE 160 FEE	440 480 690	13 12 8	19 17 12	2 2 2	480 480 480	580 580 580	22 22 22	24 24 24	1 1 1	22 20 14	22xN 20xN 14xN	1 1 1					
				15	15	208 230 380 400	- - 24 23	45 41 25 23	62 56 34 32	38 23 22	57 52 31 30	160 FEE 160 FEE 160 FEE 160 FEE	208 230 380 400	40 36 22 21	55 33 31	2 2 2 2	480 480 480 480	580 580	33 33 33 33	24 24 24 24	1 1 1 1	62 56 34 32	62xN 56xN 34xN 32xN	1 1 1 1					
				15	15	415 440 480 690	22 - -	22 21 19 14	31 29 27 19	21 20 18 13	29 27 25 17	160 FEE 160 FEE 160 FEE 160 FEE	415 440 480 690	20 19 17 12	30 28 26 18	2 2 2 2	480 480 480 480	580 580	33 33 33 33	24 24 24 24	1 1 1 1	31 29 27 19	31xN 29xN 27xN 19xN	1 1 1					
F						208 230 380	- - 32	60 54 33	77 70 42	56 50 30	76 69 42	160 FEE 160 FEE 160 FEE	208 230 380	54 48 29	80 73 44	2 2 2	480 480 480 480	580 580 580	44 44 44	24 24 24	1 1 1	77 70 42	77xN 70xN 42xN	1 1 1					
				20	20	400 415 440 480	30 29 - -	31 30 28 26	39 36 33	29 28 26 24	40 38 36 33	160 FEE 160 FEE 160 FEE 160 FEE	400 415 440 480	28 27 25 23	42 40 38 35	2 2 2 2	480 480 480 480	580 580	44 44 44 44	24 24 24 24	1 1 1 1	40 39 36 33	40xN 39xN 36xN 33xN	1 1 1 1					
						690	-	18	23	17	23	160 FEE	690	16	24	2	480	580	44	24	1	23	23xN	1					
G																													
																				METE	110	D < PROJECTION						T•N	
																					e in millimeter: PTION: S UOTARI J.	is after plating, dimension Site planning	drawing 90 i-2017 ECD: 2017	3PS Marine NAME:	redund	Mant 8+8-2	20+20kW REVISION: 01	SIZE: A2 SCALE:	
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