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200	120VAC & 24VDC POWER DISTRIBUTION

DRAFTING NOTES:
1.

REV	DATE	DESCRIPTION
A	08.09.24	ISSUE FOR APPROVAL

BLACKROCK
AUTOMATION

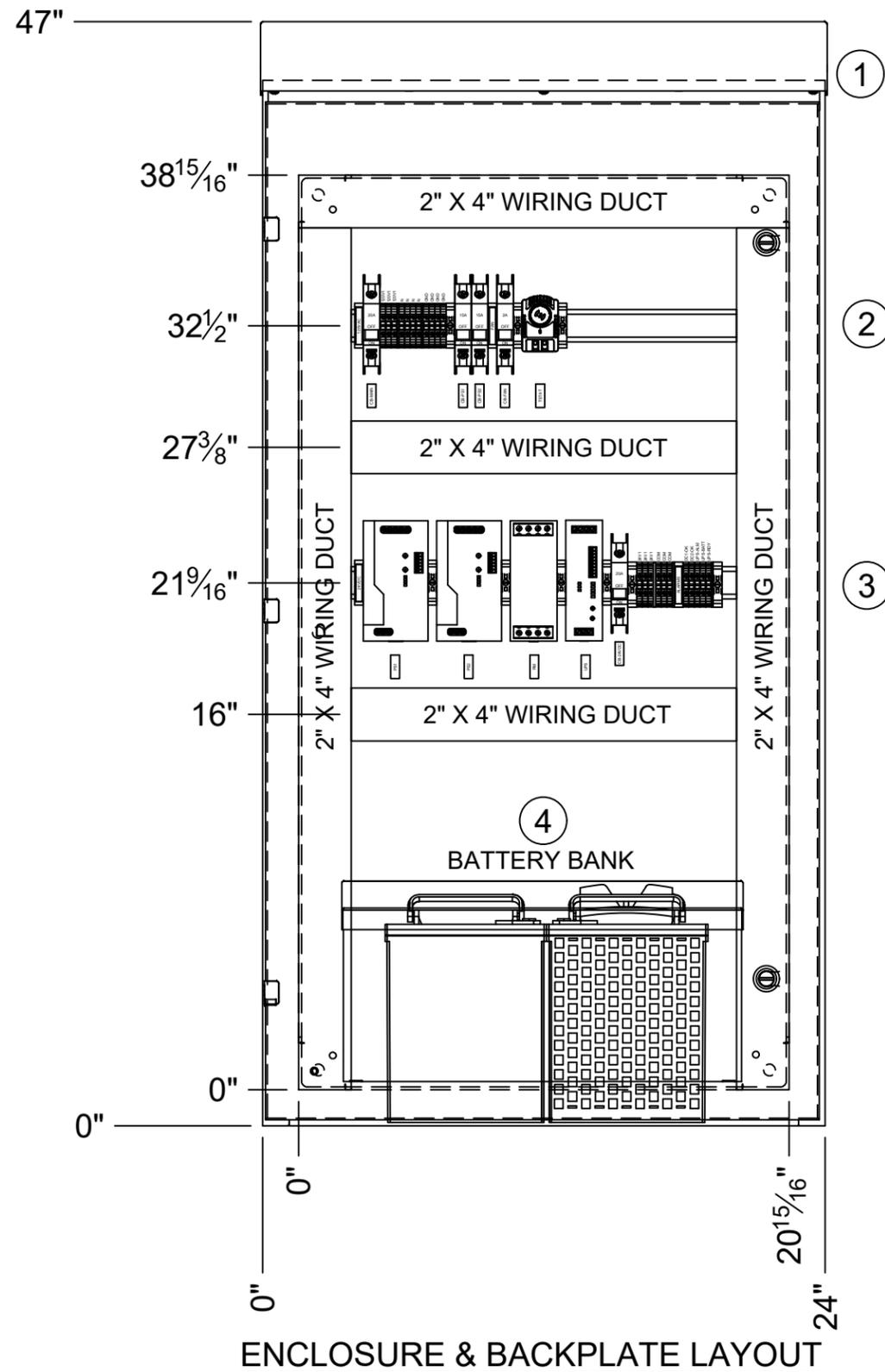
1095 Evergreen Circle, Ste. 536
The Woodlands, Texas 77380
PHONE: (346) 231-0332
www.blackrockautomation.com

CLIENT: Civitas Resources



Typical UPS Panel
24VDC UPS Panel
TABLE OF CONTENTS

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PROJECT NUMBER: UPS	SECTION SHEET: 00 001



BILL OF MATERIALS

Item	Qty	Part#	Description	Manufacturer
1	1	SCE-47VR2414	Type 3R, Vented Enclosure with integrated fans	Saginaw
	1	SCE-42P24	Subpanel 42x24	Saginaw
2	1	SCE-TEMNO	Thermostat, Normally Open	Saginaw
	1	2907492	UL489 Circuit Breaker, 20A	Phoenix Contact
	2	2907490	UL489 Circuit Breaker, 15A	Phoenix Contact
	1	2907479	UL489 Circuit Breaker, 2A	Phoenix Contact
	7	3044102	UT 4 - Feed-through terminal block	Phoenix Contact
	4	3044128	UT 4-PE- Ground terminal	Phoenix Contact
	5	0800886	Terminal Block End Clamp	Phoenix Contact
	2	1004348	End Clamp Marking Strip	Phoenix Contact
3	2	2904602	QUINT4-PS/1AC/24DC/20 - Power supply unit	Phoenix Contact
	1	2907719	QUINT4-DIODE/12-24DC/2X20/1X40 - Redundancy module	Phoenix Contact
	1	2907071	QUINT4-UPS/24DC/24DC/20 - Uninterruptible power supply	Phoenix Contact
	1	2907492	UL489 Circuit Breaker, 20A	Phoenix Contact
	7	3044102	UT 4 - Feed-through terminal block	Phoenix Contact
	4	3044128	UT 4-PE- Ground terminal	Phoenix Contact
4	8	0800886	Terminal Block End Clamp	Phoenix Contact
	2	1004348	End Clamp Marking Strip	Phoenix Contact
4	1	1474660	UPS-BAT/PB/24DC/110AH- Battery module	Phoenix Contact
5	A/R	3047028	D-UT 2,5/10 - End cover (QTY50)	Phoenix Contact
	A/R	0801733	35mm Standard Din-Rail, 2M (6ft)	Phoenix Contact
	A/R	F2X4LG6	2"x4"x6' (WxHxL) Wireway Duct, Narrow Slot/Finger,	Panduit
	A/R	C2LG6	2"x6' (WxL) Wireway Cover	Panduit

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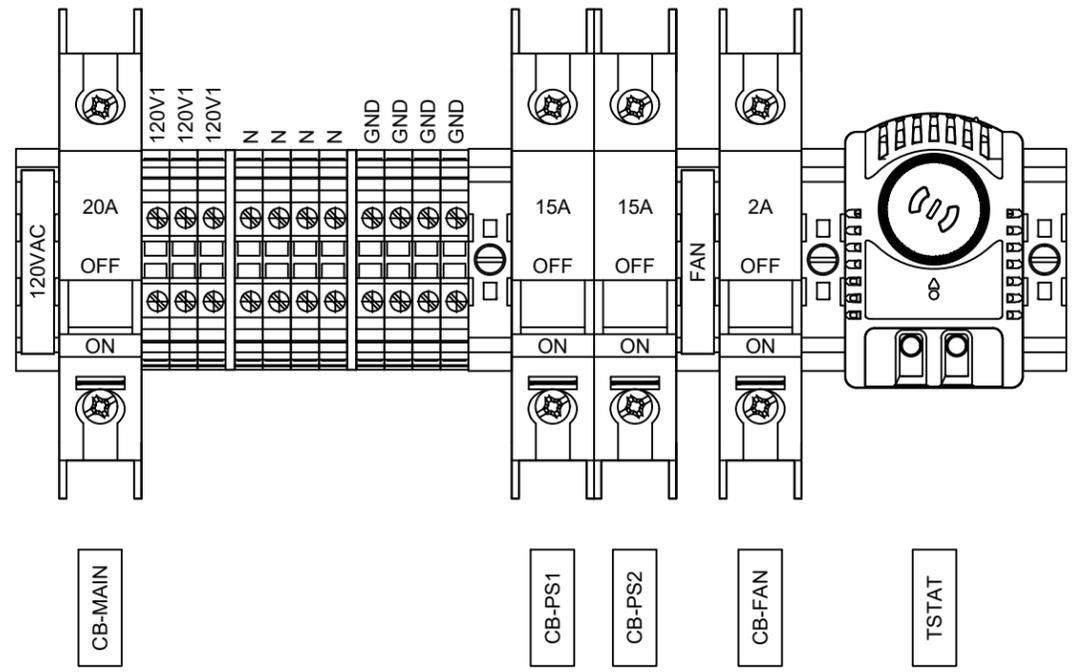
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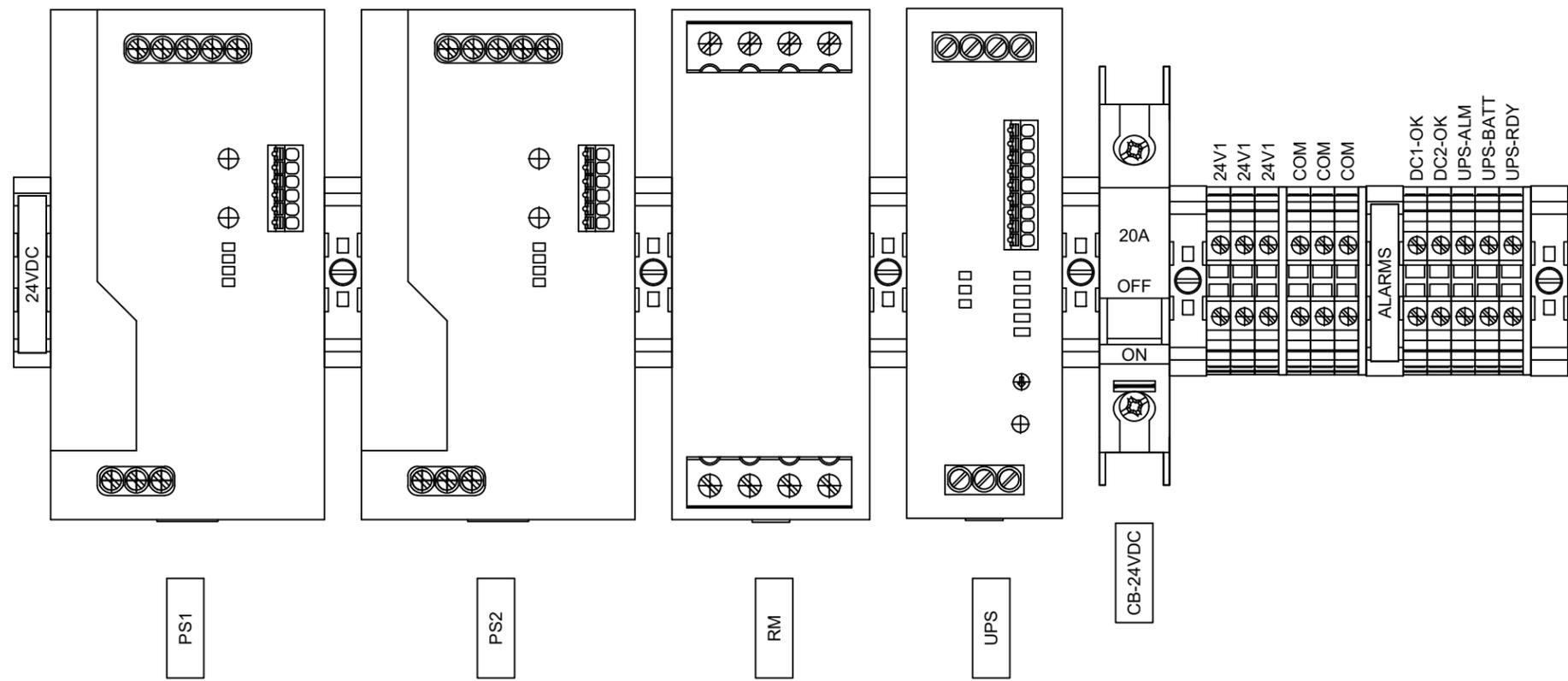
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Typical UPS Panel
24VDC UPS Panel
Backplate Layout & Bill of Materials

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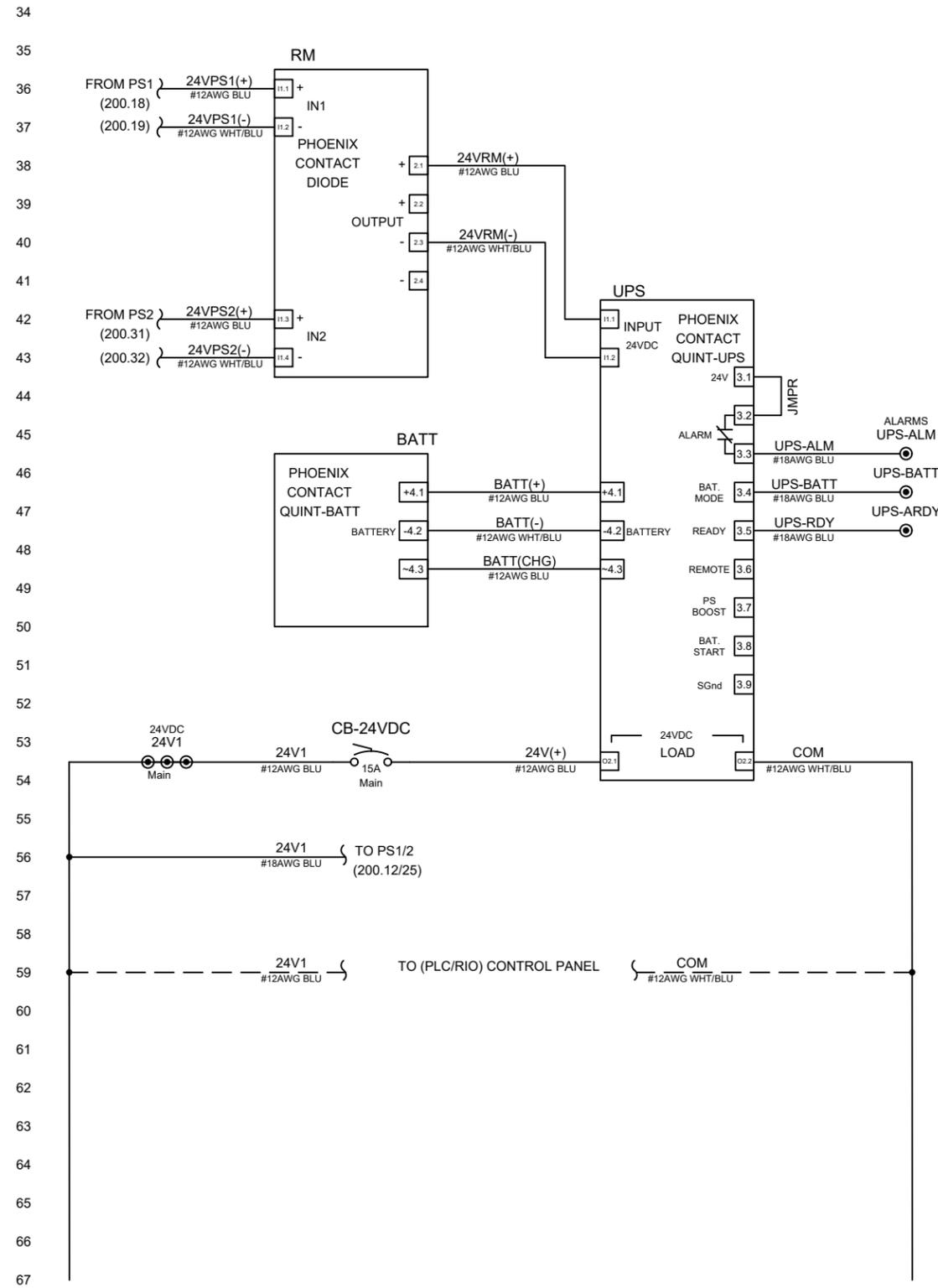
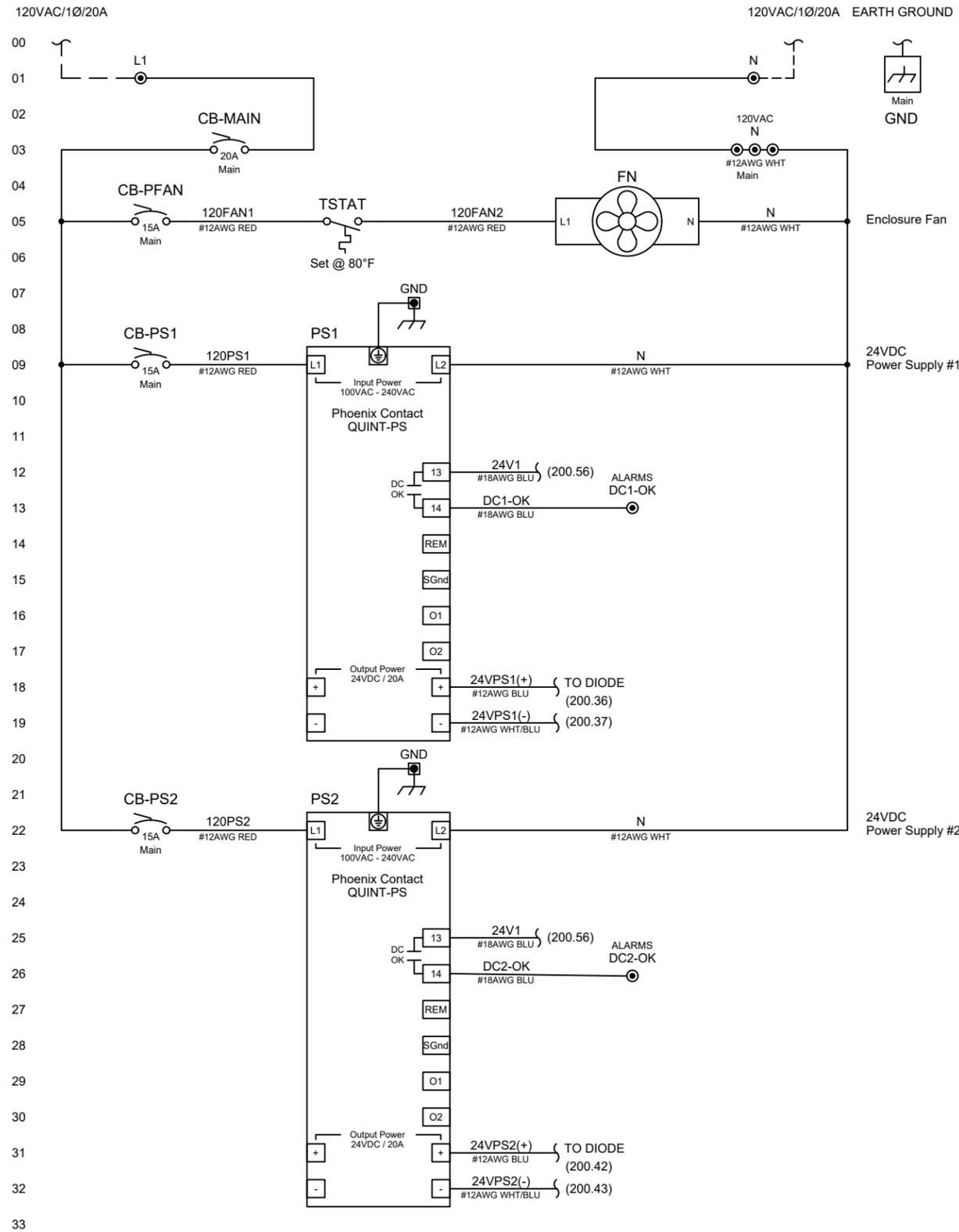
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Typical UPS Panel
24VDC UPS Panel
Terminal Strip Details

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LW	A
CREATED DATE:	SCALE:
08.04.2024	NTS
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UPS	00 016

120VAC POWER DISTRIBUTION
CONTROL WIRING

24VDC POWER DISTRIBUTION
CONTROL WIRING



DRAFTING NOTES:
1. REF SHT 005 FOR NETWORK CONNECTIONS

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24VDC UPS Panel
120VAC/24VDC POWER DISTRIBUTION

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