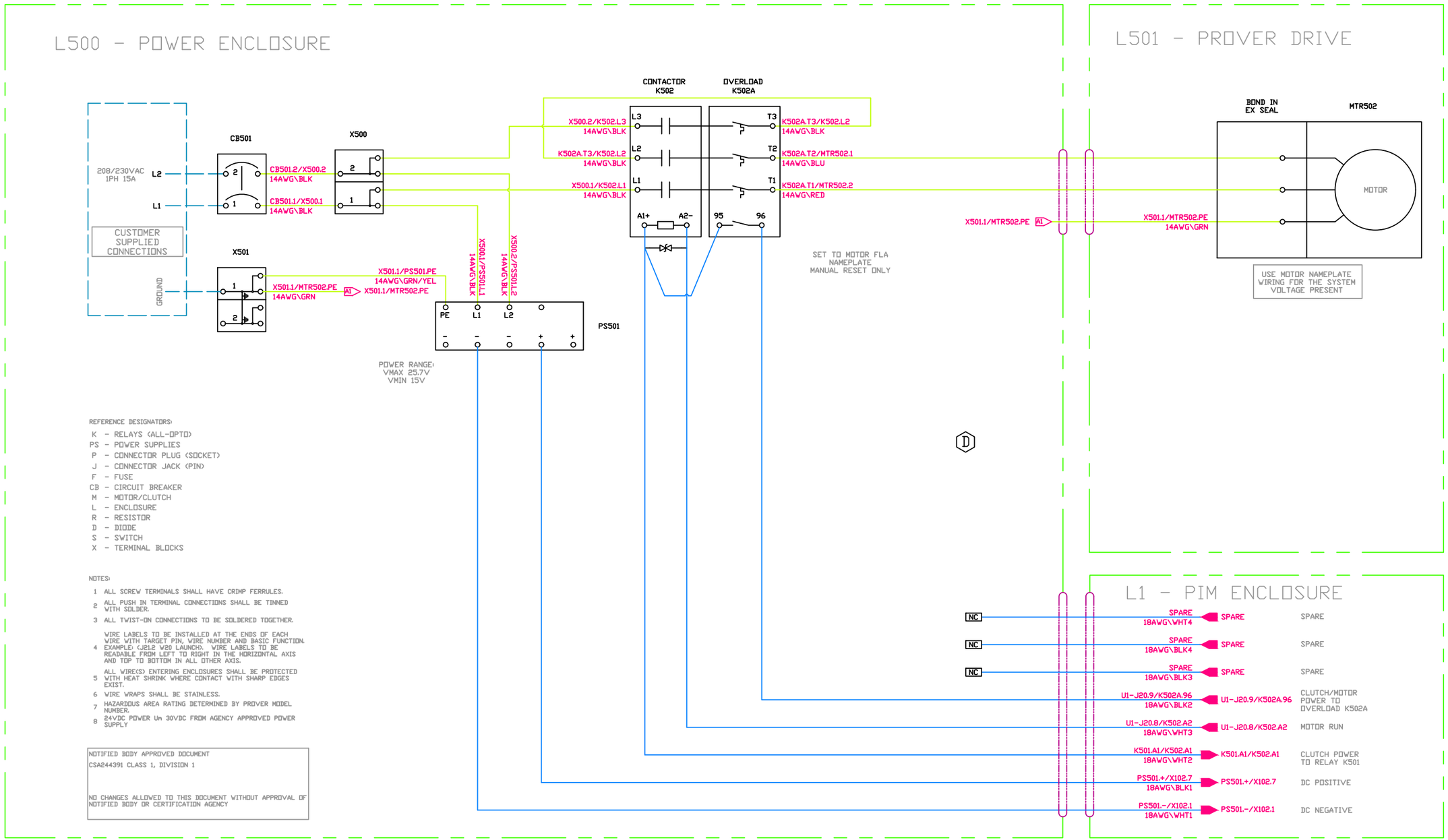

REFERENCE DESIGNATORS:

K - RELAYS (ALL-OPTO)
PS - POWER SUPPLIES
P - CONNECTOR PLUG (SOCKET)
J - CONNECTOR JACK (PIN)
F - FUSE
CB - CIRCUIT BREAKER
M - MOTOR/CLUTCH
L - ENCLOSURE
R - RESISTOR
D - DIODE
S - SWITCH
X - TERMINAL BLOCKS

NOTES:

1. ALL SCREW TERMINALS SHALL HAVE CRIMP FERRULES.
2. ALL PUSH IN TERMINAL CONNECTIONS SHALL BE TINNED WITH SOLDER.
3. ALL TWIST-ON CONNECTIONS TO BE SOLDERED TOGETHER.
4. WIRE LABELS TO BE INSTALLED AT THE ENDS OF EACH WIRE WITH TARGET PIN, WIRE NUMBER AND BASIC FUNCTION. EXAMPLE: (J21.2 W20 LAUNCH). WIRE LABELS TO BE READABLE FROM LEFT TO RIGHT IN THE HORIZONTAL AXIS AND TOP TO BOTTOM IN ALL OTHER AXIS.
5. ALL WIRE(S) ENTERING ENCLOSURES SHALL BE PROTECTED WITH HEAT SHRINK WHERE CONTACT WITH SHARP EDGES EXIST.
6. WIRE WRAPS SHALL BE STAINLESS.
7. HAZARDOUS AREA RATING DETERMINED BY PROVER MODEL NUMBER.
8. 24VDC POWER Um 30VDC FROM AGENCY APPROVED POWER SUPPLY

NOTIFIED BODY APPROVED DOCUMENT
CSA244391 CLASS 1, DIVISION 1

NO CHANGES ALLOWED TO THIS DOCUMENT WITHOUT APPROVAL OF NOTIFIED BODY OR CERTIFICATION AGENCY

REV	REVISIONS	DATE
D	MOVE CLUTCH FUSE AND RELAY TO MAIN PANEL	03/27/2025
C	ADD NOTE FOR MOTOR WIRING	12/21/2023
B	MOVED TO AUTOCAD FORMAT. ADDED CEMF DIODES TO CONTACTORS AND RELAYS	09/16/2022

FLOW MANAGEMENT DEVICES
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	NAME	DATE
DRAWN	ROB K	06/24/2016
REV BY	RICHARD P	03/27/2025
CHECK		---

UL ☒ CSA ☒ IECEx ☒ ATEX ☒

REV D

TITLE: SYSTEM WIRING POWER 1PH 230VAC G4

P/N: 000-111416-DOC

SHEET 1 OF 1

MODEL #:

SIZE B