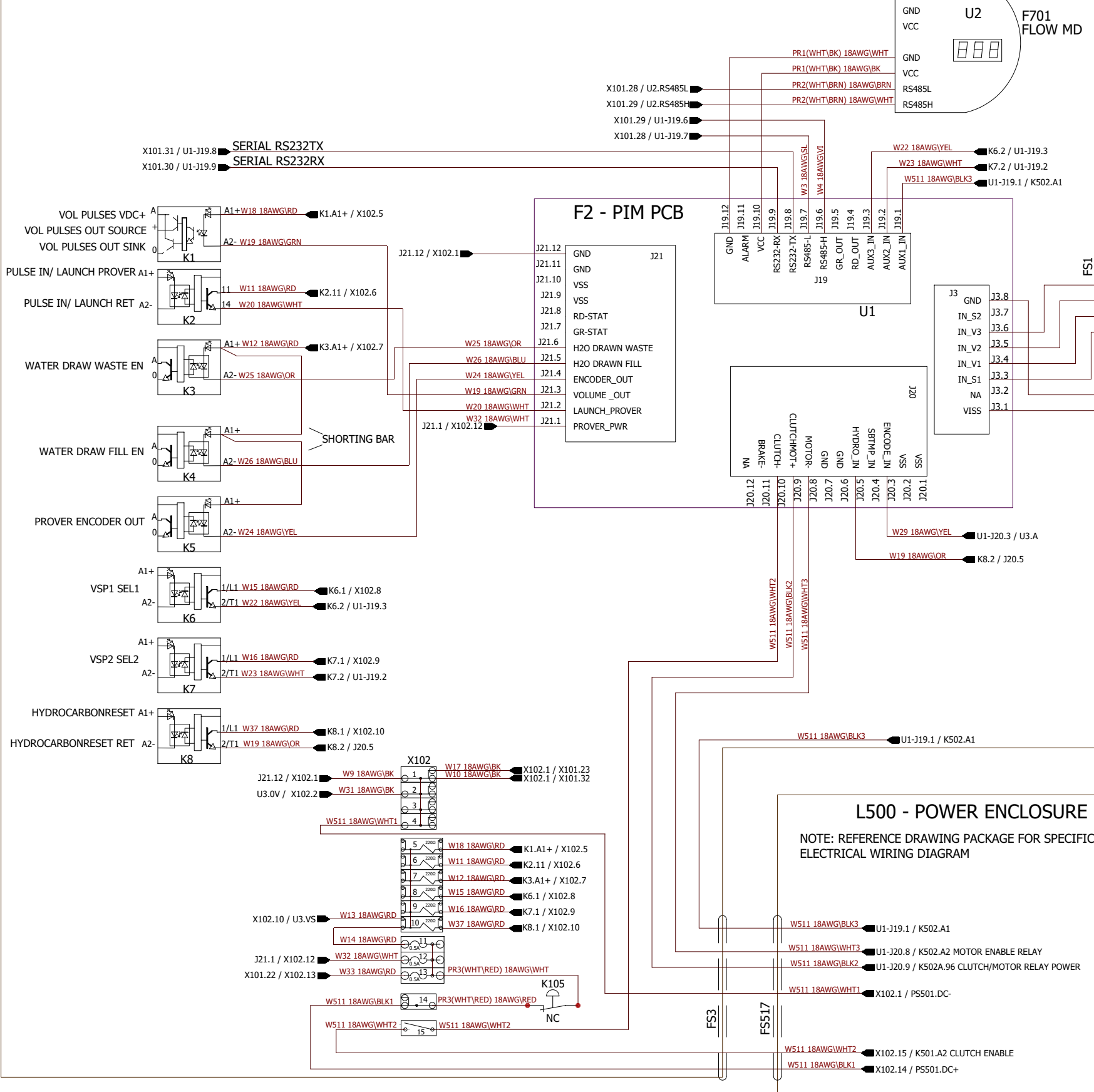
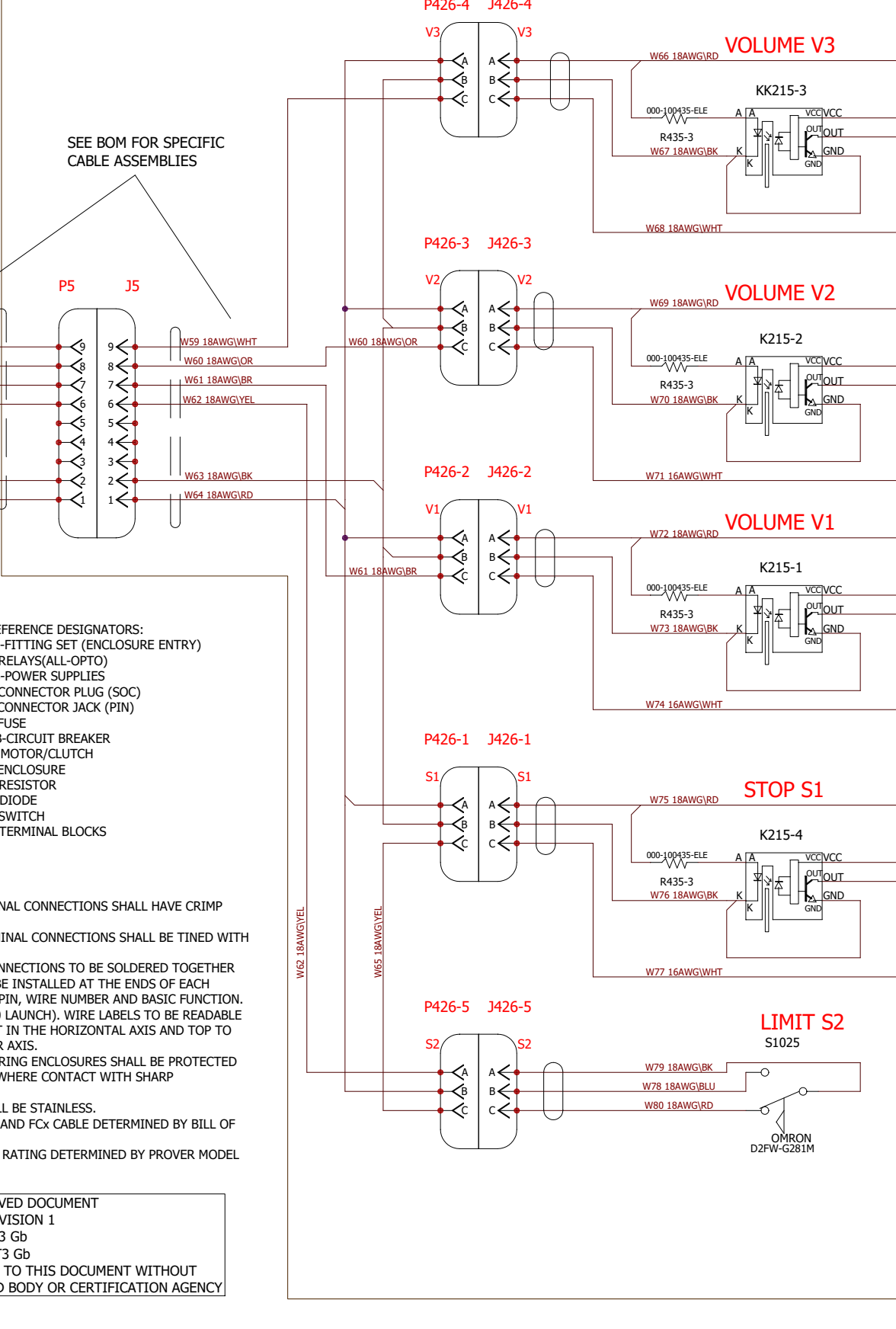


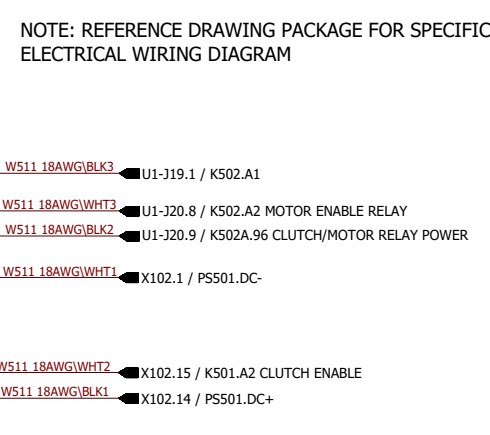
L1 - PIM ENCLOSURE



L2 - PROVER DRIVE OPTICAL SWITCH SYSTEM



L500 - POWER ENCLOSURE



- REFERENCE DESIGNATORS:
 FS-FITTING SET (ENCLOSURE ENTRY)
 K-RELAYS(ALL-OPTO)
 PS-POWER SUPPLIES
 P-CONNECTOR PLUG (SOC)
 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 TERMINAL CONNECTIONS SHALL HAVE CRIMP FERRULES.
 2) ALL PUSH IN TERMINAL CONNECTIONS SHALL BE TINED 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) FSx FITTING SETS AND FCx CABLE DETERMINED BY BILL OF MATERIALS.
 8) HAZARDOUS AREA RATING DETERMINED BY PROVER MODEL NUMBER

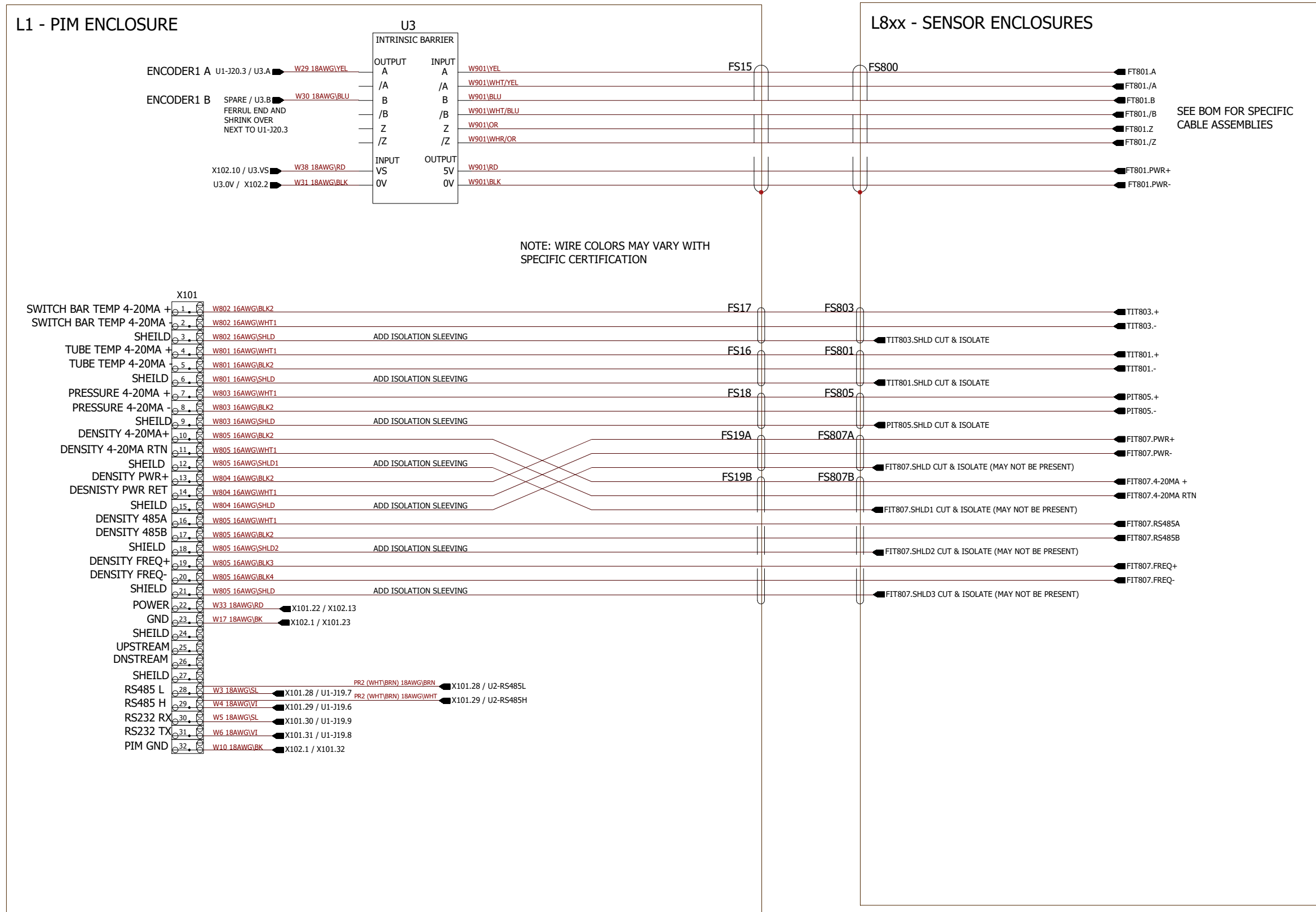
NOTIFIED BODY APPROVED DOCUMENT
 CSA244391 CLASS 1, DIVISION 1
 ATEX Ex d mb [ia] IIB T3 Gb
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PROVER WIRING DIAGRAM

	NAME	DATE	TITLE:
LAST REVISED	Insu.Lee	9/14/2020	SYSTEM-WIRING-MAIN GEN 3
DRAWN	Rob.Kalis	9/22/2017	P/N: 000-112786-DOC
CHECKED			MODEL#:
SO#:			
			REVISION
			E



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GAUGE WIRING DIAGRAM

	NAME	DATE	TITLE:
LAST REVISED	Insu.Lee	9/14/2020	SYSTEM-WIRING-MAIN GEN 3
DRAWN	Rob.Kalis	9/22/2017	P/N: 000-112786-DOC
CHECKED			MODEL#:
SO#:			
			REVISION
	SHEET 02 OF 02		E