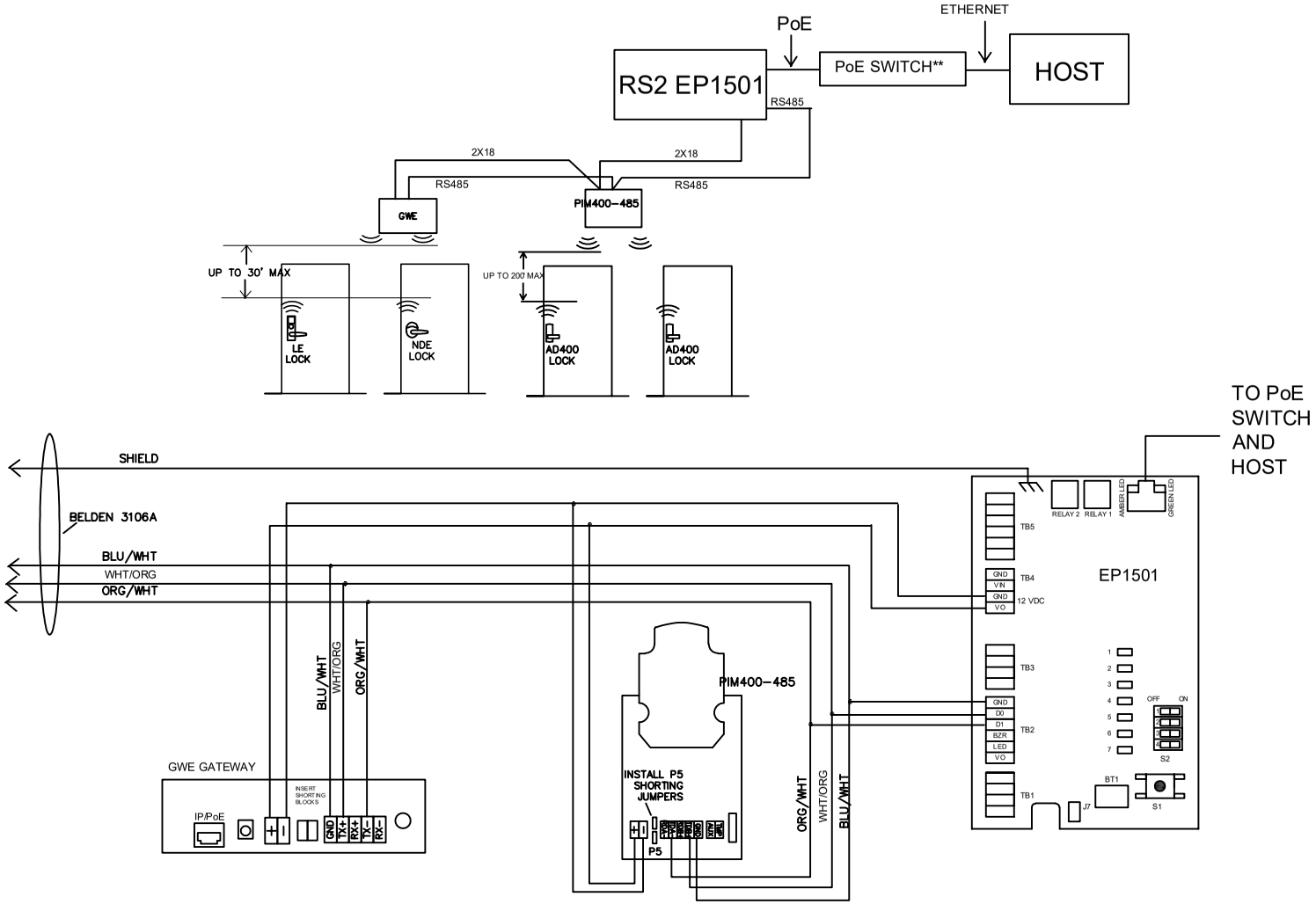

* SET J3 ON EP1501 FOR PoE IF BEING POWERED VIA PoE
** FOR UL294 INSTALLATIONS USE A UL294 PoE SWITCH

NOTES:
1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.

2) WIRING TO CONFORM TO APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.

3) REFER TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS FOR SPECIFIC WIRING REQUIREMENTS.

4) THIS DRAWING IS FOR GRAPHICAL REPRESENTATION OF PRODUCTS DETAILED IN THE HARDWARE SET ONLY.

5) ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE. CONSULT PROVIDER FOR DETAILS.

OPERATION:
EP1501 SUPPORTS UP TO 16 NDE AND AD-400 LOCKS COMBINED SPREAD OVER UP TO 8 GWE AND PIM400-485 COMBINED.

EACH GWE CAN SUPPORT UP TO 10 NDE IN AN UP TO 30' RANGE. EACH PIM400-485 CAN SUPPORT UP TO 16 AD-400 IN AN UP TO 200' RANGE.

EP1501 PoE CONTROLLER SUPPORT UP TO 2 GWE OR PIM400-485 VIA PoE. ANY ADDITIONAL GWE OR PIM400-485 MUST HAVE A SEPARATE 12/24 VDC POWER SOURCE.

UL294 INSTALLATION REQUIRE UL294 POWER SOURCE FOR GWE AND PIM400-485. THIS WOULD BE UL294B PoE SWITCH OR SEPARATE UL294 POWER SUPPLIES.

RS485 MAXIMUM TOTAL LENGTH OF 2000' . USE BELDEN 3106A OR EQUIVALENT.

ALLEGION™

TITLE: RS2 EP1501 WITH GWE/NDE AND PIM400-485/AD-400 111529

DATE DRAWN:	REVISION DATE:	APPROVED BY:	DRAWN/CHECKED BY:	REV
12-15-16	04-03-19	01-30-17 BILL STALEY	B DOVE	C