

- NOTES:
- 1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR CORD 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) * CONDUCTOR COUNT TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

OPERATION:
 DSX SUPPORTS ON EACH SINGLE RS485 DATA LINE UP TO 2 PIM400-485 OR GWE TOTAL PER RS485 DATA LINE. EACH INSTANCE OF LSE SOFTWARE HAS A MAXIMUM CAPACITY OF ONE HUNDRED TWENTY SIX READERS TOTAL. DSX LAN SUPPORTS UP TO 32 AD AND NDE ON LE LOCKS TOTAL. EACH PIM400-485 CAN SUPPORT UP TO 16 AD-400 LOCKS AND EACH GWE CAN SUPPORT UP TO 10 NDE. EARTH GROUND SHIELD ON BELDEN 9843 AT ONE LOCATION ONLY.

WIRING SHOWN REFLECTS CONNECTION FROM DSX LAN TO PIM400-485 AND GWE ONLY. ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE. IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88103 OR EQUIVALENT.

UL 294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND.

DSX COMMUNICATES IN FOUR WIRE RS1 FULL DUPLEX MODE ONLY.

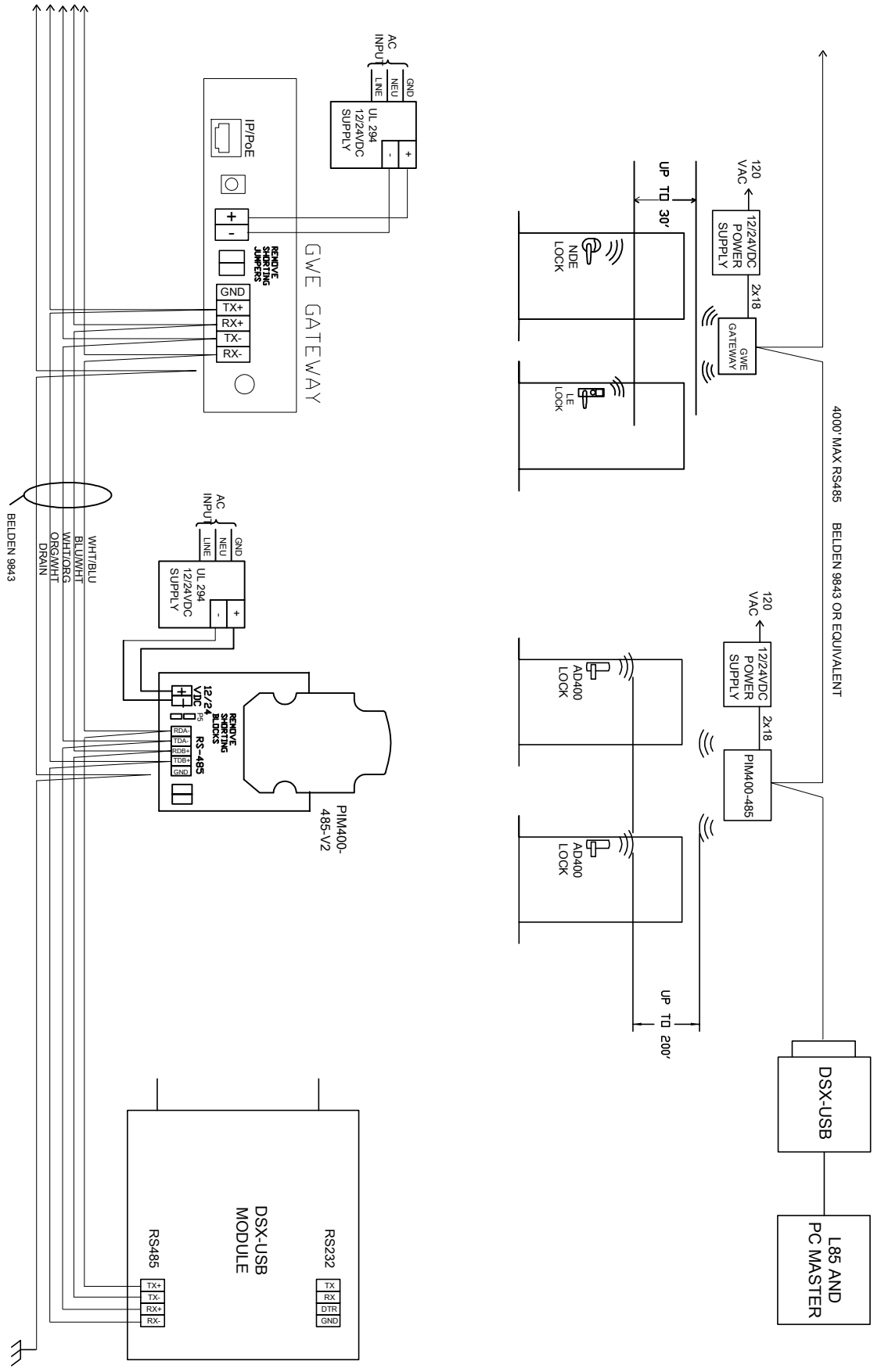
DATE DRAWN: 08-10-17 REVISION DATE: 05-16-18 APPROVED BY: LEONARD CARRION

TITLE: **DSX-USB WITH GWE/NDE/LE AND PIM400-485 WITH AD400 LOCK**

ALLEGION™

DWG NO: 111866
 DRAWING CHECKED BY: BRENDA DOVE 08/10/17

REV: **B**



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