



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) # CONDUCTOR COUNT TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

OPERATION: SIELOX AC-1700 WILL SUPPORT 32 NDE. ALTHOUGH NOT SPECIFICALLY SHOWN PIM400-485/AD-400 CAN BE SUPPORTED ON THE SAME RS-485 DATA LINE. CONSULT SIELOX AD SOLUTION SHEET FOR DETAILS.
 EACH GWE WILL SUPPORT UP TO 10 NDE IN AN UP TO 30' DISTANCE.
 EARTH GROUND SHIELD ON BELDEN CABLE AT SIELOX AC-1700 CONTROLLER ENCLOSURE ONLY.
 UL 294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND. GWE MAY BE POWERED OPTIONALLY VIA POE.
 IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 82842 OR EQUIVALENT.

DATE DRAWN: 01-12-16
 REVISION DATE: 01-15-18
 APPROVED BY: MARK ISAACSON

TITLE: SIELOX AC-1700 WITH RS-485 INTEGRATED GWE AND NDE

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 DRAWING CHECKED BY: BRENDA DOVE 01-12-16

REV: B