



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
 ACCESSSITE ADC WILL SUPPORT UP TO SIXTEEN GWE ACROSS TWO RS485 DATALINES WITH NO MORE THAN EIGHT GWE PER RS485 DATALINE. EACH GWE IS CAPABLE OF CONTROLLING UP TO TEN NDE/LE LOCKS COMBINED. ADC CAN HANDLE UP TO SIXTY-FOUR NDE/LE LOCKS TOTAL. UL294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND. GWE MAY BE POE. NOT SHOWN ON THIS DIAGRAM. IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 828420R EQUIVALENT.
 WIRING SHOWN REFLECTS WIRING FROM ADC TO GWE ONLY. ADDITIONAL WIRING WILL BE REQUIRED AND IS NOT SHOWN HERE.
 SHIELD ON COMMUNICATION WIRES. BELDEN 3106A, SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION ONLY. ADC. NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY ACCESSSITE.

DATE DRAWN: 06-01-18 REVISION DATE: 06-04-18 APPROVED BY: PAUL APPELEGATE

TITLE:
ACCESSSITE - ADC WITH GWE/NDE/LE

ALLEGION™

DWG NO: 112247
 DRAWN/CHECKED BY: BRENDA DOVE
 REV: A