NOTES:

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

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-MODULE SUPPORTS ON EACH RS-485 DATA LINE UP TO FOURTEEN (14) RS DEVICES (OR PIM400-485-AD300) AND UP TO FORTY-SIX (46) APIS (ACCESS POINT MODULE OR ACCESS POINT CONSUMER).

DSX SUPPORTS 20 PORTS PER USB DEPLOYMENT, DSX SUPPORTS 20 USB PORTS PER USB DEPLOYMENT.

A SINGLE INSTANCING OF USB SOFTWARE SUPPORTS A MAXIMUM OF ONE HUNDRED TWENTY (120) AD LOCKS.

EARTHING GROUND SHIELD ON Belden 8843 Cable at One Location Only.

WIRING SHOWN REFLECTS WIRING FROM DSX-USB TO AD LOCKS ONLY. ADDITIONAL WIRING WILL BE REQUIRED ON DSX SYSTEM AND WILL NOT BE SHOWN HERE.

PLUGGED-RATED CABLE IS REQUIRED USE Belden 8843 OR EQUIVALENT.

UL 24V POWER SUPPLY USED SHOULD NOT BEONE EARTH GROUND TO SIGNAL GROUND.

DSX COMMUNICATIONS IN FOUR WIRE RS485 F/L DUAL MODE ONLY.

NOTE: CONFIGURATION HAS BEEN TESTED BY NL.

DATE DRAWN: 08-26-11
REVISION DATE: 11-01-13
APPROVED BY: LEONARD CARRION 10/24/11

ALLEGION

copyright 2013

R26116-5 DSX

REV E

TITLE: DSX-USB WITH AD300 LOCK AND PIM400-485 WITH AD400 LOCK

105042