

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 SPESCIFIC 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.

□PERATION: BLACKBOARD SA3000 SYSTEM DOOR CONTROLLER BOARD WILL SUPPORT A SINGLE AD300 OR WRI

SA3000 MASTER CONTROLLER SUPPORTS UP TO 8 AD400 LOCKS ON TS3.X OR UNIVERSAL EDITION OR UP TO 1 AD400 LOCK ON UNIX EDITION. SEE WIRING DIAGRAM DEPICTING RS485 INTEGRATION ON SCHLAGE AD SUPPORT WEB PAGE.

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88103 OR EQUIVALENT.

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

WIRING SHOWN REFLECTS WIRING FROM SA3000 TO PIB300-2D AND AD300 ONLY. ADDITIONAL WIRING IS REQUIRED THAT WILL NOT BE SHOWN HERE.

GROUND SHIELD ON BELDEN 9843 RS485 LINE AT ONE LOCATION ONLY.

NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY BLACKBOARD.

DATE DRAWN: 03-05-12 REVISION DATE: 10-31-13 APPROVED BY: DAN DREWNOWSKI 07/24/12



BLACKBOARD SA3000 WITH WIEGAND PIB300-2D AND AD300 106674

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WN/CHECKED BY: BRENDA DOVE 03/05/12

