

NOTE:
ISONAS RC-04 PIGTAIL IS NOT PLENUM RATED.
PROVIDED METALLIC CONDUIT FROM J-BOX TO WALL

-2/18 AWG STRANDED FOR EXIT DEVICE
-2/18 AWG STRANDED FOR DOOR POSITION
-4/18 AWG STRANDED FOR MOTION SENSOR

DOOR ELEVATION
N.T.S.

DOOR HARDWARE


- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE DOOR POSITION SWITCH
- ③ VON DUPRIN EXIT DEVICE WITH RX AND M996 ELECTRIFIED TRIM (24VDC)
- ④ ISONAS RC-04 CARD READER
- ⑤ VON DUPRIN EPT-10 POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP
- ⑥ VON DUPRIN PS902 X 900-2RS X 900-FA POWER SUPPLY (24VDC OUTPUT)

GENERAL NOTES:

ALL LOW VOLTAGE WIRE TO RUN IN MINIMUM 3/4" CONDUIT OR INSIDE DRYWALL UNLESS NOTED OTHERWISE
 ALL LOW VOLTAGE WIRE TO BE STRANDED WIRE
 ALL GANG BOXES BY ELECTRICAL CONTRACTOR AS REQUIRED
 ALL LOW VOLTAGE WIRING TO BE LABELED CLEARLY AT BOTH END
 ALL MOUNTING HEIGHTS AS SHOWN
 COORDINATE MOUNTING LOCATIONS WITH ELECTRICAL/ARCHITECTURAL PLANS
 ANY DEVIATION FROM HARDWARE SPECIFIED IN SECTION 08710 WILL NEGATE ALL REQUIREMENTS SHOWN
 HEREIN AND REQUIRE NEW DRAWINGS BY OTHERS TO MATCH SUBSTITUTED HARDWARE

OPERATIONAL DESCRIPTION:

DOOR NORMALLY CLOSED AND LOCKED.
 ENTRY BY VALID CREDENTIAL AT CARD READER.
 ELECTRIFIED EXIT DEVICE TRIM TO BE FAIL SAFE SUCH THAT VALID FIRE ALARM DOOR TO BE UNLOCKED AND REMAIN LATCHED
 REQUEST TO EXIT SWITCH/ SENSOR SHUNTS DOOR FORCED OPEN ALARM IN ACCESS CONTROL SYSTEM.
 FREE EGRESS AT ALL TIMES.
 DOOR TO MEET REQUIREMENTS OF IBC 1010.1.9.11 STAIRWAY DOORS.

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING	
	Drawn By: Jason Relyea DHT, DHC	Checked by:
	DATE: 11-15-2021	VERSION: 1
SCALE: N.T.S.	REVISION:	

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