

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
- 2/18 AWG FROM DPDT RELAY TO ADO
- 2/18 AWG FROM POWER SUPPLY TO ADO

120 VAC

2/18 AWG STRANDED TO AUTO EQUALIZER

SGL GANG BOX REQ'D PUSH SIDE OF DOOR

2/18 AWG STRANDED TO AUTO EQUALIZER

SGL GANG BOX REQ'D PULL SIDE OF DOOR

ISONAS RC-04 PIGTAIL 25 FT OR AS REQ'D
CAT-5E OR 6 NETWORK CABLE TO J-BOX

38"-42" AFF

DOOR ELEVATION
N.T.S.

DOOR HARDWARE


- 1 JUNCTION BOX BY OTHERS
- 2 SCHLAGE DOOR POSITION SWITCH
- 3 VON DUPRIN QEL OR FALCON MEL EXIT DEVICE (24VDC)
- 4 ISONAS RC-04 CARD READER
- 5 VON DUPRIN EPT-10 POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP
- 6 LCN AUTO EQUALIZER AUTOMATIC DOOR OPERATOR
- 7 VON DUPRIN PS902 X 900-2RS POWER SUPPLY (24VDC OUTPUT)
- 8 LCN SINGLE GANG BOX WIRED ACTUATORS
- 9 SCHLAGE SCANII RX MOTION SENSOR (12VDC)
- 10 12/24VDC DPDT THROW RELAY (MOUNT IN J-BOX)

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 OR BY KEY OVER-RIDE.
 RX MOTION SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.
 INTERIOR ACTUATOR TO START OPENING CYCLE (UNLESS ADO IS POWERED OFF)
 EXTERIOR ACTUATOR WIRED IN SERIES THROUGH ACCESS CONTROL SYSTEM AUX RELAY SUCH THAT ON VALID CARD OR TIME ZONE CONTROL ACTUATOR CAN BE PRESSED TO START OPENING CYCLE.
 KEY OVER-RIDE WILL CAUSE DOOR FORCED EVENT IN ACCESS CONTROL SYSTEM.
 FREE EGRESS AT ALL TIMES.

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING		Checked by:
	Drawn By: Jason Relyea DHT, DHC		DRAWING NO: 9024
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