

DOOR HARDWARE

- (1) JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- VON DUPRIN RX-QEL / FALCON RX-MEL FIRE RATED EXIT DEVICE (24 VDC)
- SCHLAGE MT11 OR MT15
- SCHLAGE SCANII RX MOTION SENSOR
- LCN AUTO EQUALIZER AUTO DOOR OPERATOR
- LCN SINGLE GANG BOX TOUCHLESS ACTUATORS
- VON DUPRIN PS902 X 900-2RS X 900-FA
- VON DUPRIN EPT10 OR EQUAL
- VON DUPRIN RX OR FALCON RX FIRE RATED EXIT DEVICE
- (11) LCN SINGLE GANG BOX WIRED ACTUATOR

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 WIRD 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.

BOTH TO THE CONTROL OF THE CONTROL SYSTEM.

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BY SWITCH / 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.

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS

4/18 AWG STRANDED FOR EACH ELECTRIFIED EXIT DEVICE

2 WIRES FOR POWER
2 WIRES FOR REQUEST TO EXIT SIGNAL
4/18 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO SLOT 17/18
4/18 AWG STRANDED FROM EXTERIOR ACTUATOR TO 16/17. ONE LEG

4/18 AWG STRANDED FROM EXTERIOR ACTUATOR TO 16/17. ONE L
TO BE WIRED IN SERIES WITH N/O AUX RELAY CONTACT

2/18 AWG STRANDED TO LOWER ACTUATOR

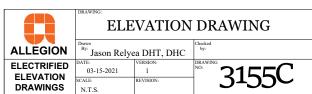
2/20 AWG STRANDED FROM SLOT 22/23 TO POWER SUPPLY RELAY

8/22 AWG SHIELDED TO CARD READER. VERIFY
REQUIREMENTS W/ CARD READER MANUFACTURER.

PLENUM RATED CABLE FROM ACCESS PANEL TO J-BOX
INTEGRATOR TO VERIFY REQUIREMENTS AND PROVIDE
AS REQUIRED FOR SYSTEM DESIGN.

***ANY WIRED BLINS. OFFERTER THAN 200 EFETT VERIES CALICE.

ANY WIRE RUNS GREATER THAN 200 FEET VERIFY GAUGE WITH MANUFACTURER.



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