

DOOR HARDWARE

- JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- VON DUPRIN LX-RX-QEL / FALCON LMRX-MEL EXIT DEVICE (24 VDC)
- SCHLAGE MT11 OR MT15
- NOT USED
- FALCON 8200 SERIES AUTO DOOR OPERATOR
- LCN SINGLE GANG BOX WIRED ACTUATORS
- VON DUPRIN PS902 X 900-2RS
- SCHLAGE 623 SERIES REMOTE RELEASE BUTTON (OR EQUAL)
- (10) VON DUPRIN EPT10 OR EQUAL

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:

DOD NORMALLY CLOSED AND LOCKED.

DOOR NORMALLY CLOSED AND LOCKED.

ENTRY BY VALID CREDENTAL AT CARD READER, REMOTE PUSHBUTTON, OR BY KEY OVER-RIDE.

REQUEST TO EXIT SWITCH / SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.

INTERIOR ACTUATOR TO START OPENING CYCLE (UNLESS ADD IS POWERED OFF)

EXTERIOR ACTUATOR WIRED IN SERIES THROUGH LX SWITCH IN EXIT DEVICE SUCH THAT ON VALID CARD OR TIME ZONE CONTROL

ACTUATOR CAN SE PRESSED TO START OPENING CYCLE

REMOTE PUSHBUTTON TO BE WIRED TO ADDITIONAL AUX RELAY TO PREVENT DOOR FORCED ALARM.

KEY OVER-RIDE WILL CAUSE DOOR FORCED EVENT IN ACCESS CONTROL SYSTEM.

FREE EGRESS AT ALL TIMES.

WIRE REQUIREMENTS

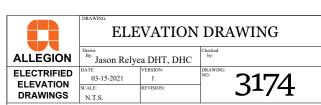
2/20 AWG STRANDED FOR DPS

6/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE

2 WIRES FOR LATCH RETRACTION POWER
2 WIRES FOR REQUEST TO EXIT SIGNAL
2 WIRES FOR LX / LM SWITCH
2/20 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO MAIN ACTIVATION. 2/20 AWG STRANDED FROM EXTERIOR ACTUATOR TO MAIN ACTIVATION. ONE LEG
TO BE WIRED IN SERIES WITH N/O AUX RELAY CONTACT
2/20 AWG STRANDED FROM COM/N.O. TO POWER SUPPLY RELAY

2/20 AWG STRANDED FROM REMOTE RELEASE TO AUX RELAY

2/20 AWG STRANDED FROM REMOTE RELEASE TO AUX RED 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 WIRE RUNS GREATER THAN 200 FEET VERIFY GAUGE WITH MANUFACTURER.**



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