

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 WIRELESS ACTUATORS
- VON DUPRIN PS902 X 900-2RS
- VON DUPRIN EPT10 OR EQUAL
- (10) VON DUPRIN RX OR FALCON RX EXIT DEVICE
- (11) 2 EACH LCN 8310-865 WIRELESS RECEIVER

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.

RX SWITCH / MOTION 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 EXT DEVICE 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

6/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE

2 WIRES FOR LATCH RETRACTION POWER

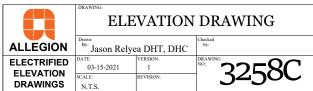
2 WIRES FOR REQUEST TO EXIT SIGNAL
2 WIRES FOR LX / LM SWITCH
2/20 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO MAIN ACTIVATION. 2/20 AWG STRANDED FROM EXTERIOR ACTUATOR TO MAIN ACTIVATION. ONE LEG

TO BE WIRED IN SERIES WITH N/O AUX RELAY CONTACT
WIRE LOW ACTUATOR IN PARALLEL WITH ACTUATOR ABOVE

2/20 AWG STRANDED FROM COM/N.O. TO POWER SUPPLY RELAY

2/20 AWG SHRANDED FROM COM/N.O. TO POWER SUPPLY
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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