

## DOOR HARDWARE

- 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
- VON DURPIN PS902 X 900-2RS X 900-FA POWER SUPPLY
- VON DUPRIN ELECTRIC POWER TRANSER

## WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS

4/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE

WIRES FOR POWER
WIRES FOR REQUEST TO EXIT SIGNAL

4/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX
2 WIRES FOR POWER TO EXIT DEVICE
2 WIRES FOR INPUT FROM ACCESS CONTROL SYSTEM

8/22 AWG SHIELDED TO CARD READER. VERIFY
REQUIREMENTS W/ CARD READER MANUFACTURER. 2/20 AWG SHIELD FROM FIRE ALARM PANEL TO POWER SUPPLY

(DRY CONTACTS)

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.\*\*

## 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

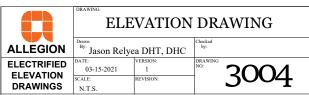
ALL LOW VOLTAGE WIRING TO BE LABELED CLEARLY AT BOTH END ALL MOUNTING HEIGHTS AS SHOWN

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 AT LOCK.
REQUEST TO EXIT SWITCH / SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.
KEY OVER-RIPE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM
FREE EGRESS AT ALL TIMES.



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