

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
- NOT USED
- VON DUPRIN PS902 X 900-2RS X 900-FA
- NOT USED
- VON DUPRIN ELECTRIC POWER TRANSER

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS (WIRE IN SERIES)

4/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE

2 WIRES FOR LATCH RETRACTION
2 WIRES FOR REQUEST TO EXIT SIGNAL

8/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX

8/18 AWG STRANDED FROM FOWER SUPPLY TO J-BOX
2 WIRES FOR EACH LATCH RETRACTION EXIT DEVICE
2 WIRES FOR REQUEST TO EXIT POWER
2 WIRES FOR ACCESS CONTROL INPUT

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

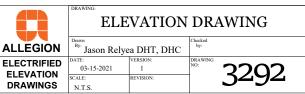
ALL LOW VOLTAGE WIRE TO BE STRANDED WIRE
ALL GANG BOXES BY ELECTRICAL CONTRACTOR AS REQUIRED
ALL LOW VOLTAGE WIRING TO BE LABELED CLEARLY AT BOTH END

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

DESCRIPTION: **OPERATIONAL**

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-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM
FREE EGRESS AT ALL TIMES.



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