

## DOOR HARDWARE

- (1) JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- VON DUPRIN QEL / FALCON MEL EXIT DEVICE (24 VDC)
- (4) SCHLAGE MT11 OR MT15
- SCHLAGE SCANII RX MOTION SENSOR
- VON DUPRIN PS902 X 900-2RS
- VON DUPRIN REMOVABLE MULLION
- VON DUPRIN ELECTRIC POWER TRANSER

## WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS (WIRE IN SERIES)
2/18 AWG STRANDED FOR EXIT DEVICE LATCH RETRACTION

4/18 AWG STRANDED FOR MOTION SENSOR

4/18 AWG STRANDED FOR MOTION SENSOR
2 WIRES FOR POWER
2 WIRES FOR REQUEST TO EXIT SIGNAL

8/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX
2 WIRE 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.
PLENLIM RATED CABLE FROM ACCESS PANEL TO J-BOX

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:

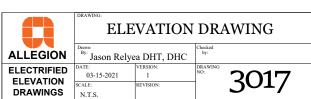
ALL LOW VOLTAGE WIRE TO RUN IN MINIMUM 3/4" CONDUIT OR INSIDE DRYWALL UNLESS NOTED OTHERWISE

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



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