

DOOR HARDWARE

- JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- FALCON FIRE RATED 25 SERIES WITH ELECTRIFIED TRIM
- SCHLAGE MT11 OR MT15
- SCHLAGE SCANII RX MOTION SENSOR
- VON DUPRIN PS902 X 900-2RS X 900-FA POWER SUPPLY
- VON DUPRIN ELECTRIC POWER TRANSER

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS

2/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE 4/18 AWG STRANDED FOR MOTION SENSOR

4/18 AWG STRANDED FOR MOTION SENSOR

2 WIRES FOR POWER (FROM POWER SUPPLY)

2 WIRES FOR REQUEST TO EXIT SIGNAL

6/18 AWG STRANDED FROM POWER SUPPLY TO J—BOX

2 WIRES FOR POWER TO EXIT DEVICE

2 WIRES FOR POWER TO MOTION SENSOR

2 WIRES FOR INPUT FROM ACCESS CONTROL SYSTEM

8/22 AWG SHIELDED TO CARD READER. VERIFY

AVEZ AWG SHIELDEN TO CARD READER. WERRITT
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.**

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

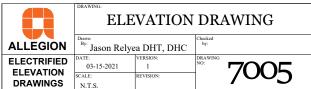
COORDINATE MOUNTING LOCATIONS WITH ELECTRICAL/ARCHITECTURAL PLANS

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:

DOORS NORMALLY CLOSED AND LOCKED.
ENTRY BY VALID CREDENTIAL AT CARD READER.
ELECTRIPED EXIT DEVICE TRIM TO BE FAIL SAFE SUCH THAT VALID FIRE ALARM DO TO BE UNLOCKED AND REMAIN LATCHED
REQUEST TO EXIT SWITCH/ SENSOR SHUNTS DOOR FORCED OPEN ALARM IN ACCESS CONTROL SYSTEM.
FREE EGRESS AT ALL TIMES.

DOOR TO MEET REQUIREMENTS OF IBC 1010.1.9.11 STAIRWAY DOORS.



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