

DOOR HARDWARE

- JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- VON DUPRIN 6211 FSE ELECTRIC STRIKE
- SCHLAGE MT11 OR MT15
- SCHLAGE SCANII RX MOTION SENSOR
- VON DUPRIN PS902 X 900-2RS
- SCHLAGE 623 SERIES REMOTE RELEASE BUTTON OR EQUAL

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS

2/18 AWG STRANDED FOR ELECTRIC STRIKE FROM J-BOX

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

2 WIRES FOR REQUEST TO EXIT SIGNAL
6/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX
2 WIRE FOR ELECTRIC STRIKE POWER
2 WIRES FOR REQUEST TO EXIT POWER
2 WIRES FOR ACCESS CONTROL INPUT
2/20 AWG STRANDED FROM REMOTE RELEASE BUTTON TO AUX
RELAY IN ACCESS CONTROL SYSTEM
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.**

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.

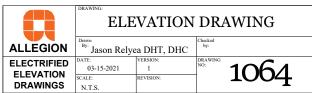
ENTRY BY VALID CREDENTIAL AT CARD READER, REMOTE PUSHBUTTON OR BY KEY AT LOCK.

RX MOTION SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.

KEY OVER-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM

REMOTE PUSHBUTTON TO BE WIRED TO ADDITIONAL AUX RELAY TO PREVENT DOOR FORCED ALARM.

FREE EGRESS AT ALL TIMES.



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