

DOOR HARDWARE

- (1) POWER SUPPLY
- (2) CARD READER
- (3) ELECTRIFIED LOCKSET 12/24VDC
- DOOR POSITION SWITCH
- JUNCTION BOX BY OTHERS (VERIFY SIZE)
- ELECTRIC POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP
- 7) PIR MOTION SENSOR

WIRE REQUIREMENTS (VERIFY WITH MANUFACTURER)

2/20 AWG STRANDED FOR DPS

2/18 AWG STRANDED FOR ELECTRIFIED LOCKSET 4/18 AWG STRANDED FOR MOTION SENSOR

4/16 AWG STRANDED FOR MOTION SENSOR

2 WIRES FOR POWER

2 WIRES FOR REQUEST TO EXIT SIGNAL

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

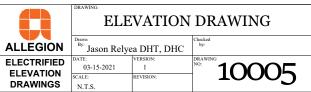
ALL LOW VOLTAGE WIRING TO BE LABELED CLEARLY AT BOTH END ALL MOUNTING HEIGHTS AS SHOWN

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 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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