



### DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS (VERIFY SIZE)
- ② SCHLAGE MT11 OR MT15 CARD READER
- ③ SCHLAGE L9092HDEU x LX x DPS ELECTRIFIED LOCKSET 12/24VDC
- ④ VON DUPRIN EPT-10 POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP

### WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS  
 8/18 AWG STRANDED FOR ELECTRIFIED LOCKSET  
 2 WIRES FOR POWER  
 2 WIRES FOR REQUEST TO EXIT SIGNAL (RX)  
 2 WIRES FOR LATCH BOLT MONITOR (LX)  
 2 WIRES FOR DOOR POSITION SWITCH (DPS)  
 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.  
 ADDITIONAL LATCHBOLT MONITORING PROVIDED VIA LX SWITCH IN LOCK.  
 KEY OVER-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM  
 FREE EGRESS AT ALL TIMES.

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| <br><b>ALLEGION</b><br><b>ELECTRIFIED</b><br><b>ELEVATION</b><br><b>DRAWINGS</b> | DRAWING:<br><b>ELEVATION DRAWING</b> |               |   |
|  | Drawn By:<br>Jason Relyea DHT, DHC   | Checked by:   |   |
|  | DATE:<br>03-15-2021                  | VERSION:<br>1 | DRAWING NO:<br><span style="font-size: 2em;"><b>2073</b></span> |
|  | SCALE:<br>N.T.S.                     | REVISION:     |   |

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