

DOOR ELEVATION  
N.T.S.

**DOOR HARDWARE**

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH
- ③ VON DUPRIN QEL / FALCON MEL EXIT DEVICE (24 VDC)
- ④ SCHLAGE MT11 OR MT15
- ⑤ SCHLAGE SCANII RX MOTION SENSOR
- ⑥ VON DUPRIN PS902 X 900-2RS
- ⑦ VON DUPRIN REMOVABLE MULLION
- ⑧ VON DUPRIN ELECTRIC POWER TRANSFER

**WIRE REQUIREMENTS**


- 2/20 AWG STRANDED FOR DPS (WIRE IN SERIES)
- 2/18 AWG STRANDED FOR EACH EXIT DEVICE LATCH RETRACTION
- 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 WIRE FOR REQUEST TO EXIT POWER
  - 2 WIRES FOR ACCESS CONTROL INPUT
- 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-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM  
 FREE EGRESS AT ALL TIMES.

 <b>ALLEGIION</b>	<b>ELEVATION DRAWING</b>		DRAWING: Checked by:
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<b>ELECTRIFIED ELEVATION DRAWINGS</b>	DATE: 03-15-2021	VERSION: 1	
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