

## DOOR HARDWARE

- ① VON DUPRIN PS902 X 900-2RS POWER SUPPLY
- ② SCHLAGE MT11 OR MT15 CARD READER
- ③ SCHLAGE L9492 X RX X DM LOCKSET
- ④ 679-05 DOOR POSITION SWITCH
- ⑤ JUNCTION BOX BY OTHERS (VERIFY SIZE)
- ⑥ VON DUPRIN EPT-10 POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP

## WIRE REQUIREMENTS


2/20 AWG STRANDED FOR DPS  
 6/18 AWG STRANDED FOR LOCKSET  
 2 WIRES FOR LOCK POWER  
 2 WIRES FOR REQUEST TO EXIT  
 2 WIRES FOR DEADBOLT MONITOR  
 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 OR EMERGENCY KEY OVER-RIDE  
 WHEN DEADBOLT IS ENGAGED, DM SWITCH TO SIGNAL ACCESS CONTROL SYSTEM TO SHUNT CARD READER  
 INTERIOR LEVER HANDLE TO RETRACT LATCH AND DEADBOLT UPON EXIT AND RESET DM SWITCH  
 FREE EGRESS AT ALL TIMES.

 <b>ALLEGION</b> <b>ELECTRIFIED</b> <b>ELEVATION</b> <b>DRAWINGS</b>	DRAWING: <b>ELEVATION DRAWING</b>		
	Drawn By: Jason Relyea DHT, DHC	Checked by:	
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