

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH
- ③ VON DUPRIN RX-QEL / FALCON RX-MEL EXIT DEVICE (24 VDC)
- ④ REMOTE LOCKDOWN PUSH-BUTTON BY SECURITY PROVIDER
- ⑤ SCHLAGE PUSHBUTTON RELEASE
- ⑥ LCN AUTO EQUALIZER AUTO DOOR OPERATOR
- ⑦ LCN SINGLE GANG BOX WIRED ACTUATORS
- ⑧ VON DUPRIN PS902 X 900-2RS
- ⑨ VON DUPRIN EPT10 OR EQUAL
- ⑩ VON DUPRIN RX OR FALCON RX EXIT DEVICE

WIRE REQUIREMENTS


2/20 AWG STRANDED FOR DPS
 2/18 AWG STRANDED FROM REMOTE RELEASE TO ACCESS CONTROL PANEL
 4/18 AWG STRANDED FOR EACH ELECTRIFIED EXIT DEVICE
 2 WIRES FOR POWER
 2 WIRES FOR REQUEST TO EXIT SIGNAL
 2/20 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO SLOT 17/18
 2/20 AWG STRANDED FROM EXTERIOR ACTUATOR TO 16/17. ONE LEG TO BE WIRED IN SERIES WITH N/O AUX RELAY CONTACT
 2/20 AWG STRANDED FROM SLOT 22/23 TO POWER SUPPLY RELAY
 4/18 AWG STRANDED FOR EMERGENCY LOCKDOWN PUSH-BUTTON
 2 WIRES FOR POWER
 2 WIRES FOR SIGNAL TO ACCESS CONTROL
 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:

DOORS NORMALLY CLOSED AND LOCKED.
 DURING NORMAL BUSINESS HOURS SECURITY TO PROVIDE TIME ZONE CONTROL BY RETRACTING LATCH AT EXIT DEVICE. EXTERIOR ACTUATOR TO BE WIRED IN SERIES WITH ACCESS CONTROL SUCH THAT DURING TIME ZONE CONTROL AUTO OPERATOR CAN BE OPENED FROM EXTERIOR. REQUEST TO EXIT TO SHUNT DOOR POSITION SWITCH.
 DESK MOUNTED PUSHBUTTON TO ALLOW ENTRY DURING NON BUSINESS HOURS.
 EMERGENCY BUTTON AT ADMIN TO LOCK DOWN ENTRY AND OVER-RIDE TIME ZONE CONTROL
 FREE EGRESS AT ALL TIMES

 ALLEGIION ELECTRIFIED ELEVATION DRAWINGS	ELEVATION DRAWING	
	Drawn By: Jason Relyea DHT, DHC	Checked by:
	DATE: 03-15-2021	VERSION: 1
	SCALE: N.T.S.	REVISION:
3452		

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