



DOOR ELEVATION
N.T.S.

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② VON DUPRIN EPT10 OR EQUAL
- ③ VON DUPRIN QEL / FALCON MEL EXIT DEVICE (24 VDC)
- ④ LCN AUTO EQUALIZER AUTO DOOR OPERATOR
- ⑤ LCN 8310 SERIES ACTUATORS
- ⑥ VON DUPRIN PS902 X 900-2RS
- ⑦ SCHLAGE 653 SERIES KEY SWITCH

WIRE REQUIREMENTS

2/18 AWG STRANDED FOR EACH ELECTRIFIED EXIT DEVICE
 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 CONTACT AT KEYSWITCH
 2/20 AWG STRANDED FROM SLOT 22/23 TO POWER SUPPLY RELAY

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

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING		
	Drawn By: Jason Relyea DHT, DHC	Checked by:	
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