



DOOR ELEVATION
N.T.S.

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② FALCON AUTO DOOR OPERATOR
- ③ VON DUPRIN QEL / FALCON MEL EXIT DEVICE (24 VDC)
- ④ LCN ACTUATORS
- ⑤ VON DUPRIN PS902 X 900-2RS X 900-BBK
- ⑥ VON DUPRIN ELECTRIC POWER TRANSFER
- ⑦ SCHLAGE 653-04 KEY SWITCH

WIRE REQUIREMENTS

2/18 AWG STRANDED FOR EXIT DEVICE FROM POWER SUPPLY
 2/18 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO ADO
 2/18 AWG STRANDED FROM EXTERIOR ACTUATOR TO ADO (WIRE ONE LEG IN SERIES WITH KEYSWITCH)
 2/18 AWG STRANDED FROM ADO TO POWER SUPPLY RELAY
 4/18 AWG STRANDED FROM KEYSWITCH TO J-BOX

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.
 ACTUATORS ON EITHER SIDE OF DOOR WILL CAUSE EXIT DEVICE TO RETRACT LATCH AND DOOR OPEN FOR PREDETERMINED AMOUNT OF TIME.
 KEYSWITCH TO BE USED TO TURN OFF/ON EXTERIOR ACTUATOR
 FREE EGRESS AT ALL TIMES.

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