



## DOOR HARDWARE

- 1 JUNCTION BOX BY OTHERS
- 2 NOT USED
- 3 VON DUPRIN QEL / FALCON FIRE RATED MEL EXIT DEVICE (24 VDC)
- 4 LCN 8310-804 DOOR SAFETY SENSOR
- 5 NOT USED
- 6 LCN SENIOR SWING AUTO DOOR OPERATOR
- 7 LCN SINGLE GANG BOX TOUCHLESS ACTUATORS
- 8 VON DUPRIN PS902 X 900-2RS X 900-BBK
- 9 VON DUPRIN ELECTRIC POWER TRANSFER

## WIRE REQUIREMENTS

2/18 AWG STRANDED FOR EXIT DEVICE FROM POWER SUPPLY  
 4/18 AWG STRANDED FROM INTERIOR ACTUATOR DIRECT TO P6  
 4/18 AWG STRANDED FROM EXTERIOR ACTUATOR DIRECT TO P7.  
 2/20 AWG STRANDED FROM P10 CABLE TO POWER SUPPLY RELAY  
 4/18 AWG STRANDED FROM SAFETY SENSOR (PUSH SIDE) TO P3  
 4/18 AWG STRANDED FROM SAFETY SENSOR (PULL SIDE) TO P2

\*\*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.  
 TOUCHLESS ACTUATORS ON EITHER SIDE OF DOOR WILL CAUSE QEL EXIT DEVICE TO RETRACT LATCH AND DOOR OPEN FOR PREDETERMINED AMOUNT OF TIME.  
 SAFETY SENSOR ON "SAFETY SIDE - PULL SIDE" OF DOOR TO PREVENT PERSON OR OBJECT FROM BEING STRUCK BY DOOR  
 SAFETY SENSOR ON "APPROACH SIDE - PUSH SIDE" OF DOOR TO PREVENT PERSON OR OBJECT FROM STRUCK BY DOOR WHILE IN THE OPENING.  
 FREE EGRESS AT ALL TIMES.

 <b>ALLEGION</b> <b>ELECTRIFIED</b> <b>ELEVATION</b> <b>DRAWINGS</b>	DRAWING: <b>ELEVATION DRAWING</b>		
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