



MIRROR OPENING AS REQUIRED.
VERIFY ELECTRIFIED LEAF WITH
ELECTRICAL / ARCHITECTURAL
PLANS.

FINISHED FLOOR

ELECTRIFIED
LATCH RETRACTION
THIS LEAF ONLY
PUSH SIDE

SINGLE GANG
BOX REQ'D

44" MAX AFF

DOOR ELEVATION
N.T.S.

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH
- ③ VON DUPRIN EL / FALCON EL EXIT DEVICE (24 VDC)
- ④ SCHLAGE MT11 OR MT15
- ⑤ SCHLAGE SCANII RX MOTION SENSOR
- ⑥ VON DUPRIN PS914 X 900-2RS
- ⑦ NOT USED
- ⑧ VON DUPRIN ELECTRIC POWER TRANSFER

WIRE REQUIREMENTS

- 2/20 AWG STRANDED FOR DPS (WIRE IN SERIES)
- 2/14 AWG STRANDED FOR EXIT DEVICE LATCH RETRACTION
- 4/18 AWG STRANDED FOR MOTION SENSOR
 - 2 WIRES FOR POWER
 - 2 WIRES FOR REQUEST TO EXIT SIGNAL
- 4/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX
 - 2 WIRES FOR REQUEST TO EXIT POWER
 - 2 WIRES FOR ACCESS CONTROL INPUT
- 2/14 AWG FOR EACH LATCH RETRACTION EXIT DEVICE
- 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 AT CARD READER OR BY KEY AT LOCK.
 REQUEST TO EXIT SWITCH / SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.
 KEY OVER-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM
 FREE EGRESS AT ALL TIMES.

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING		Checked by:
	Drawn By: Jason Relyea DHT, DHC		DRAWING NO: 10046
	DATE: 03-15-2021	VERSION: 1	REVISION:
	SCALE: N.T.S.		

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