

DOOR ELEVATION – STAIRWAY RE-ENTRY  
N.T.S.

### DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH
- ③ VON DUPRIN FIRE RATED 99 SERIES WITH M996L ELECTRIFIED TRIM
- ④ SCHLAGE MT11 OR MT15
- ⑤ VON DURPIN PS902 X 900-2RS X 900-FA POWER SUPPLY
- ⑥ VON DUPRIN ELECTRIC POWER TRANSER

### WIRE REQUIREMENTS

- 2/20 AWG STRANDED FOR DPS
- 4/18 AWG STRANDED FOR ELECTRIFIED EXIT DEVICE
  - 2 WIRES FOR POWER
  - 2 WIRES FOR REQUEST TO EXIT SIGNAL
- 4/18 AWG STRANDED FROM POWER SUPPLY TO J-BOX
  - 2 WIRES FOR POWER TO EXIT DEVICE
  - 2 WIRES FOR INPUT FROM ACCESS CONTROL SYSTEM
- 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:

DOORS NORMALLY CLOSED AND LOCKED.  
 ENTRY BY VALID CREDENTIAL AT CARD READER.  
 ELECTRIFIED EXIT DEVICE TRIM TO BE FAIL SAFE SUCH THAT VALID FIRE ALARM DO TO BE UNLOCKED AND REMAIN LATCHED  
 REQUEST TO EXIT SWITCH/ SENSOR SHUNTS DOOR FORCED OPEN ALARM IN ACCESS CONTROL SYSTEM.  
 FREE EGRESS AT ALL TIMES.

DOOR TO MEET REQUIREMENTS OF IBC 1010.1.9.11 STAIRWAY DOORS.

 <b>ALLEGION</b> <b>ELECTRIFIED</b> <b>ELEVATION</b> <b>DRAWINGS</b>	DRAWING: <b>ELEVATION DRAWING</b>		Checked by:  <b>7002</b>
	Drawn By: <b>Jason Relyea DHT, DHC</b>		
	DATE: 03-15-2021	VERSION: 1	DRAWING NO:
	SCALE: N.T.S.	REVISION:	

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