

NOTE:  
 CONSULT YOUR LOCAL AHJ FOR PERMISSABLE LOCATIONS OF MAGLOCK INSTALLATIONS.

Per IBC 2018 - 1010.1.9.9 Sensor Release of Electrically locked egress doors require 3 means of release including motion sensor, push to exit and fire alarm / sprinkler system

Unless additional locking hardware is on door, Maglocks not advisable for exterior doors. On Power failure maglock is not energized.

DOOR ELEVATION  
 N.T.S.

**DOOR HARDWARE**


- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE DOOR POSITION SWITCH
- ③ SCHLAGE M SERIES MAGLOCK
- ④ ISONAS R-1 CARD READER
- ⑤ SCHLAGE DELAYED ACTION WALL MOUNTED PUSHBUTTON OVER-RIDE
- ⑥ SCHLAGE SCANII RX MOTION SENSOR (12VDC)
- ⑥ ISONAS IPBRIDGE

**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  
 REQUEST TO EXIT SWITCH TO SHUNT MAGLOCK. DELAYED ACTION PUSHBUTTON (LOCATED WITHIN 5FT OF OPENING) TO SHUNT MAGLOCK FOR MINIMUM 30 SECONDS.  
 REQUEST TO EXIT SWITCH / SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.  
 ON FIRE ALARM OR POWER LOSS, MAGLOCK TO BE UNLOCKED  
 MUST ALLOW FREE EGRESS AT ALL TIMES

 <b>ALLEGION</b> <b>ELECTRIFIED ELEVATION DRAWINGS</b>	DRAWING: <b>ELEVATION DRAWING</b>		
	Drawn By: Jason Relyea DHT, DHC	Checked by:	
	DATE: 11-15-2021	VERSION: 1	DRAWING NO: <b>9035</b>
	SCALE: N.T.S.	REVISION:	

Wiring Diagram Terms of Use: This information is for professional use only and is intended to be a guide for proper product application and specification. See specific product manuals for proper installation. Any installation should be performed by persons qualified to perform electrical work and in compliance with applicable codes, rules, regulations and orders. Allegion reserves the right to change or modify the information herein without notice. No warranties, express or implied, are provided by Allegion as a result of this information. Any and all use and reproduction of the information herein except for product application and specification is expressly forbidden.