

DOOR ELEVATION
N.T.S.

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH
- ③ SCHLAGE M400 SERIES MAGLOCK
- ④ SCHLAGE MT11 OR MT15
- ⑤ SCHLAGE 620 SERIES DELAYED ACTION PUSHBUTTON OVER-RIDE
- ⑥ PIR RX MOTION SENSOR
- ⑦ VON DUPRIN PS902 X 900-2RS X 900-FA
- ⑧ MOMENTARY REMOTE PUSHBUTTON

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.
PRESENT VALID CREDENTIAL TO CARD READER TO RELEASE MAGLOCK. TIME DETERMINE BY ACCESS CONTROL SYSTEM.
RX MOTION SENSOR TO SHUNT DOOR FORCED ALARM, DE-ENERGIZE MAGLOCK FOR FREE EGRESS.
EMERGENCY OVER-RIDE PUSHBUTTON TO BE LOCATED WITHIN 5 FEET OF OPENING
ON FIRE ALARM, MAGNETIC LOCK TO DE-ENERGIZE ALLOWING FREE EGRESS.

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS
2/18 AWG STRANDED FOR MAGNETIC LOCK POWER
2/20 AWG STRANDED FOR REMOTE PUSHBUTTON (BUZZ IN)
2/18 AWG STRANDED FOR PUSHBUTTON OVER-RIDE
MAGLOCK POWER TO INTERRUPTED THROUGH DELAYED ACTION PUSHBUTTON OVER-RIDE
4/18 AWG STRANDED FOR RX MOTION SENSOR
2/18 FOR POWER
2/18 FOR SIGNAL / DE-ENERGIZE MAGLOCK
6/22 AWG SHIELDED TO CARD READER. VERIFY REQUIREMENTS W/ CARD READER MANUFACTURER.
2/18 AWG STRANDED FOR NORMAL CLOSED FIRE ALARM CONTACT
DIRECT INTERRUPT OF POWER TO MAGLOCK
PLENUM RATED CABLE FROM ACCESS PANEL TO J-BOX
INTEGRATOR TO VERIFY REQUIREMENTS AND PROVIDE AS REQUIRED FOR SYSTEM DESIGN.
**RX SWITCH, FIRE ALARM CONTACTS, ACCESS CONTROL RELAY AND PUSHBUTTON TO ALL BE WIRED IN SERIES OF THE POWER PROVIDED TO MAGLOCK.
ANY WIRE RUNS GREATER THAN 200 FEET VERIFY GAUGE WITH MANUFACTURER.

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