



DOOR ELEVATION
N.T.S.

DOOR HARDWARE

- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE 679-05 DOOR POSITION SWITCH (AS REQUIRED)
- ③ SCHLAGE M400P (PLUS SERIES) MAGLOCK
- ④ SCHLAGE MT11 OR MT15
- ⑤ SCHLAGE 620 SERIES DELAYED ACTION PUSHBUTTON OVER-RIDE
- ⑥ VON DUPRIN 672 SERIES TOUCH SENSE BAR
- ⑦ VON DUPRIN PS902 X 900-2RS X 900-FA

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS
 8/18 AWG STRANDED FOR MAGNETIC LOCK
 2/18 AWG STRANDED FOR PUSHBUTTON OVER-RIDE
 MAGLOCK POWER TO INTERRUPTED THROUGH DELAYED ACTION PUSHBUTTON OVER-RIDE
 2/18 AWG STRANDED FOR TOUCH SENSE
 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.

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.
 TOUCH 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.

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING	
	Drawn By: Jason Relyea DHT, DHC	Checked by:
	DATE: 03-15-2021	VERSION: 1
	SCALE: N.T.S.	REVISION:
DRAWING NO: 6026		

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.