

DOOR HARDWARE

- JUNCTION BOX BY OTHERS
- SCHLAGE 679-05 DOOR POSITION SWITCH
- SCHALGE M400 SERIES MAGLOCK
- SCHLAGE MT11 OR MT15
- SCHLAGE 620 SERIES DELAYED ACTION PUSHBUTTON OVER-RIDE
- VON DUPRIN 672 SERIES TOUCH SENSE BAR
- 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

ACC MODITION THEORITIS 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.

CONTROL STSIEM.
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.

WIRE REQUIREMENTS

2/20 AWG STRANDED FOR DPS 2/18 AWG STRANDED FOR MAGNETIC LOCK POWER

2/18 AWG STRANDED FON REMOTE PUSHBUTTON (BUZZ IN)
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

2/16 AWG SHRANDED FOR NOUGH SENSE

6/22 AWG SHELDED 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

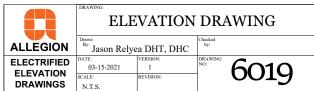
PLENUM RATED CABLE FROM ACCESS PANEL TO J—BOX
INTEGRATOR TO VERIFY REQUIREMENTS AND PROVIDE

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.**



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.

Copyright 2021 Schlage Lock Company LLC.