



DOOR HARDWARE

- JUNCTION BOX BY OTHERS
- NOT USED
- VON DUPRIN 6400 FSE ELECTRIC STRIKE
- NOT USED
- SCHLAGE L9456HD (OR EQUAL) X DM
- FALCON 8200 SERIES AUTO DOOR OPERATOR
- LCN SINGLE GANG BOX WIRED ACTUATORS
- VON DUPRIN EPT10 POWER TRANSFER, ELECTRIC HINGE OR WIRE LOOP

WIRE REQUIREMENTS

2/18 AWG STRANDED FOR ELECTRIC STRIKE

2/18 AWG STRANDED FOR ELECTRICE STRIKE
2/18 AWG STRANDED FOR ELECTRIFIED LOCK
2 WIRES FOR DEADBOLT MONITOR SWITCH
2/20 AWG STRANDED FROM ACTUATORS TO MAIN ACTIVATION. WIRE ONE LEG
THROUGH DM SWITCH IN MORTISE LOCK
2/18 AWG FROM ADO TO ELECTRIC STRIKE (REQUIRES BRIDGE RECTIFIER TO CONVERT
AC PUTPUT TO DC FOR ELECTRIC STRIKE)

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

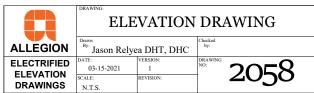
ALL LOW VOLTAGE WIRE TO BE STRANDED WIRE
ALL GANG BOXES BY ELECTRICAL CONTRACTOR AS REQUIRED
ALL LOW VOLTAGE WIRING TO BE LABELED CLEARLY AT BOTH END

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:

DOOR NORMALLY CLOSED AND UNLOCKED.
WHEN DEADBOLT IS ENCACED, DM SWITCH SHUNTS ACTUATORS
INTERIOR / EXTERIOR ACTUATORS TO BE WIRED THROUGH DM SWITCH IN MORTISE LOCK SO THAT WHEN DEADLOCK IS ENGAGED
DOOR AUTO OPERATOR WILL NOT START OPENING CYCLE PREVENTING UNAUTHORIZED ACCESS
KEY OVER-RIDE WILL RETRACT DEADLATCH
FREE EGRESS AT ALL TIMES.



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