

CATEGORY 5E OR 6 NETWORK CABLE  
TO PoE NETWORK SWITCH

JUNCTION  
BOX

NOTE:  
ISONAS RC-04 PIGTAIL IS NOT PLENUM RATED.  
PROVIDED METALLIC CONDUIT FROM J-BOX TO WALL

CEILING LINE

-4/18 AWG STRANDED FOR ELECTRIFIED EXIT  
-2/18 AWG STRANDED FOR DOOR POSITION

FAIL SECURE APPLICATION

ELECTRIFIED  
TRIM ON PULL  
SIDE OF DOOR

ISONAS RC-04 PIGTAIL  
25 FT OR AS REQ'D  
CAT-5E OR 6 NETWORK  
CABLE TO J-BOX

SINGLE GANG  
BOX REQ'D

38"-42" AFF

FINISHED FLOOR

DOOR ELEVATION  
N.T.S.

## DOOR HARDWARE


- ① JUNCTION BOX BY OTHERS
- ② SCHLAGE DOOR POSITION SWITCH
- ③ VON DUPRIN EXIT DEVICE WITH RX AND M996 ELECTRIFIED TRIM (12VDC)
- ④ ISONAS RC-04 CARD READER
- ⑤ VON DUPRIN EPT-10 POWER TRANSFER, ELECTRIFIED HINGE OR WIRE LOOP

## 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 OR BY KEY AT LOCK.  
REQUEST TO EXIT SWITCH / SENSOR SHUNTS DOOR FORCED OPEN IN ACCESS CONTROL SYSTEM.  
KEY OVER-RIDE WILL CAUSE DOOR FORCED ALARM IN ACCESS CONTROL SYSTEM  
FREE EGRESS AT ALL TIMES.

 <b>ALLEGION</b>	DRAWING: <b>ELEVATION DRAWING</b>	
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<b>ELECTRIFIED ELEVATION DRAWINGS</b>	DATE: 11-15-2021	VERSION: 1
	SCALE: N.T.S.	REVISION:
	DRAWING NO: <b>9019</b>	

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