

CATEGORY 5E OR 6 NETWORK CABLE
TO PoE NETWORK SWITCH

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

CEILING LINE

-2/18 AWG STRANDED FOR ELECTRIC STRIKE
-2/18 AWG STRANDED FOR DOOR POSITION
-4/18 AWG STRANDED FOR MOTION SENSOR

JUNCTION
BOX

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 6300 ELECTRIC STRIKE
- ④ ISONAS RC-04 CARD READER
- ⑤ SCHLAGE SCANII RX MOTION SENSOR (12VDC)
- ⑥ VON DUPRIN KEYED REMOVABLE MULLION (RECOMMEND QUICK DISCONNECT)

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.

 ALLEGION ELECTRIFIED ELEVATION DRAWINGS	DRAWING: ELEVATION DRAWING	
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