

2'-8" MOUNTING <u>SIDE</u> FRONT BACKPLATE

S10 PEDESTAL DETAILS

V101 SCALE: NONE

EVOLVE S10 ANTENNA

AISLE WIDTH:

• THE S10 SYSTEM IS DESIGNED TO BE INSTALLED ON A STANDARD 72" DOOR OPENING.

ANTENNA PLACEMENT / MOUNTING

- THE S10 ANTENNA IS MOUNTED TO THE DOOR FRAME OR WALL ON EITHER SIDE OF THE DOOR OPENING.
- THE S10 ANTENNA IS TYPICALLY PLACED 4" ABOVE THE FINISHED FLOOR.

- METAL DOOR FRAME: STANDARD BACKPLATE
- WOOD / DRY-WALL: STANDARD BACKPLATE

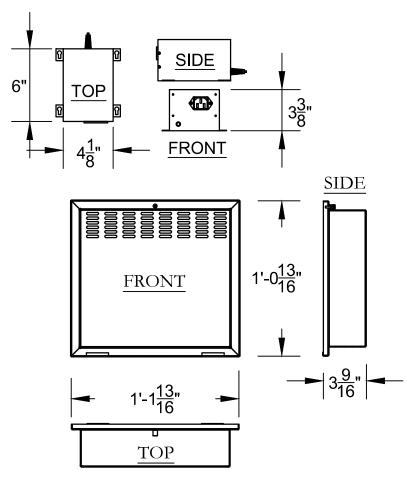
WIRING (GENERAL)

MOUNTING SURFACES

- WIRING MUST BE ROUTED FROM EACH S10 ANTENNA TO THE ELECTRONICS ENCLOSURE (EE).
- •• THE CUSTOMER IS TYPICALLY RESPONSIBLE FOR INSTALLING CONDUIT,
- AND PROVIDING PULL-STRINGS •• WIRING IS PROVIDED BY, AND INSTALLED BY CHECKPOINT.

WIRE ROUTING

- CONCEALED (BACK ENTRY)
- WIRING CAN BE CONCEALED IN THE WALL OR MULLION ON WHICH THE S10 ANTENNA IS MOUNTED.
- FOR AN S10 ANTENNA (INSTALLED AT 4" ABOVE THE FLOOR), A 1" DIAMETER HOLE IS REQUIRED AT 54" ABOVE THE FINISHED FLOOR
- EXTERNAL (TOP ENTRY)
- •• THE S10 ANTENNA WILL ACCEPT WIRING INTO THE TOP OF THE ANTENNA WHEN
- USE WIREMOLD (MODEL: NM2000) TO CARRY WIRE FROM THE CEILING, DOWN THE WALL / MULLION AND INTO THE TOP OF THE S10 ANTENNA.
- EXTERNAL (BOTTOM ENTRY)
- THE S10 ANTENNA WILL ACCEPT WIRING INTO THE BOTTOM OF THE ANTENNA WHEN NECESSARY.
- USE A FLOOR TRENCH (0.5" WIDE X 1.5" DEEP) OR 1500 / 2600 SERIES WIREMOLD TO ROUTE WIRE TO THE ANTENNA LOCATIONS.
- USE WIREMOLD (MODEL: NM2000) TO ROUTE WIRING FROM THE FLOOR LEVEL TO THE UNDERSIDE OF THE ANTENNA (TYPICALLY A 4" SPAN).



ELECTRONICS ENCLOSURE (EE) AND **POWER SUPPLY**

REQUIREMENTS:

- THE <u>EE UNIT</u> MUST NOT BE FURTHER THAN 30' (LINEAR DISTANCE) FROM THE FURTHEST ANTENNA, AND MUST NOT BE CLOSER THAN 5' TO THE NEAREST
- THE <u>EE UNIT</u> CAN BE MOUNTED TO WOOD, DRYWALL, OR CONCRETE, ABOVE THE CEILING, OR AT THE GROUND LEVEL.

POWER REQUIREMENTS:

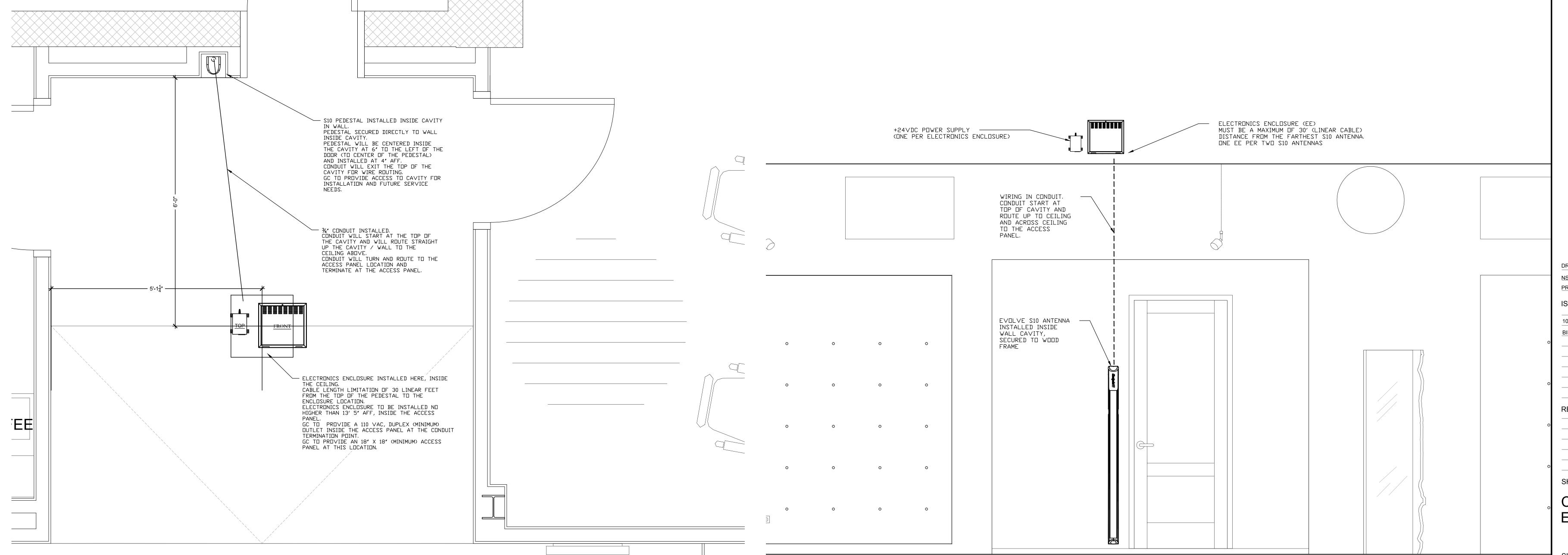
• THE EE UNIT REQUIRES ONE (1) +24VDC POWER SUPPLY PER EE UNIT (POWERS UP TO TWO (2) S10 ANTENNAS).

POWER OUTLET:

- ONE (1) POWER SUPPLY REQUIRES ONE (1) 115VAC SOCKET.
- THE OUTLET DOES NOT NEED TO BE AN ISOLATED CIRCUIT.

POWER SUPPLY DETAILS

V101 SCALE: NONE



EAS EQUIPMENT DETAILS (BACK)

V101 SCALE: 1/4" = 1"

ELEVATION DETIAL (BACK)

V101 SCALE: 1/4" = 1"

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SHEET TITLE:

CHECKPOINT EAS DETAILS

SHEET NO:

V101