

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.

MOUNTING SURFACES

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

WIRING (GENERAL)

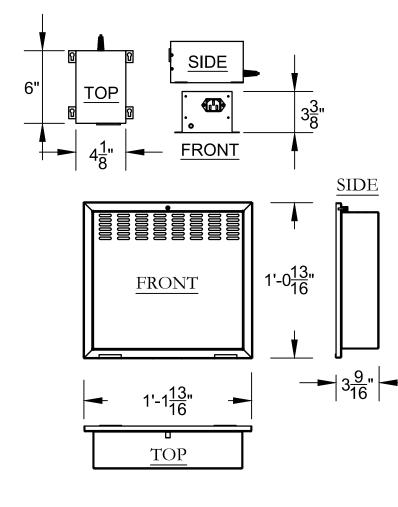
- WIRING MUST BE ROUTED FROM EACH S10 ANTENNA TO THE ELECTRONICS ENCLOSURE (EE).
- •• THE CUSTOMER IS TYPICALLY RESPONSIBLE FOR INSTALLING CONDUIT, AND PROVIDING PULL-STRINGS
- WIRING IS PROVIDED BY, AND INSTALLED BY CHECKPOINT.

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 EE UNIT 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:

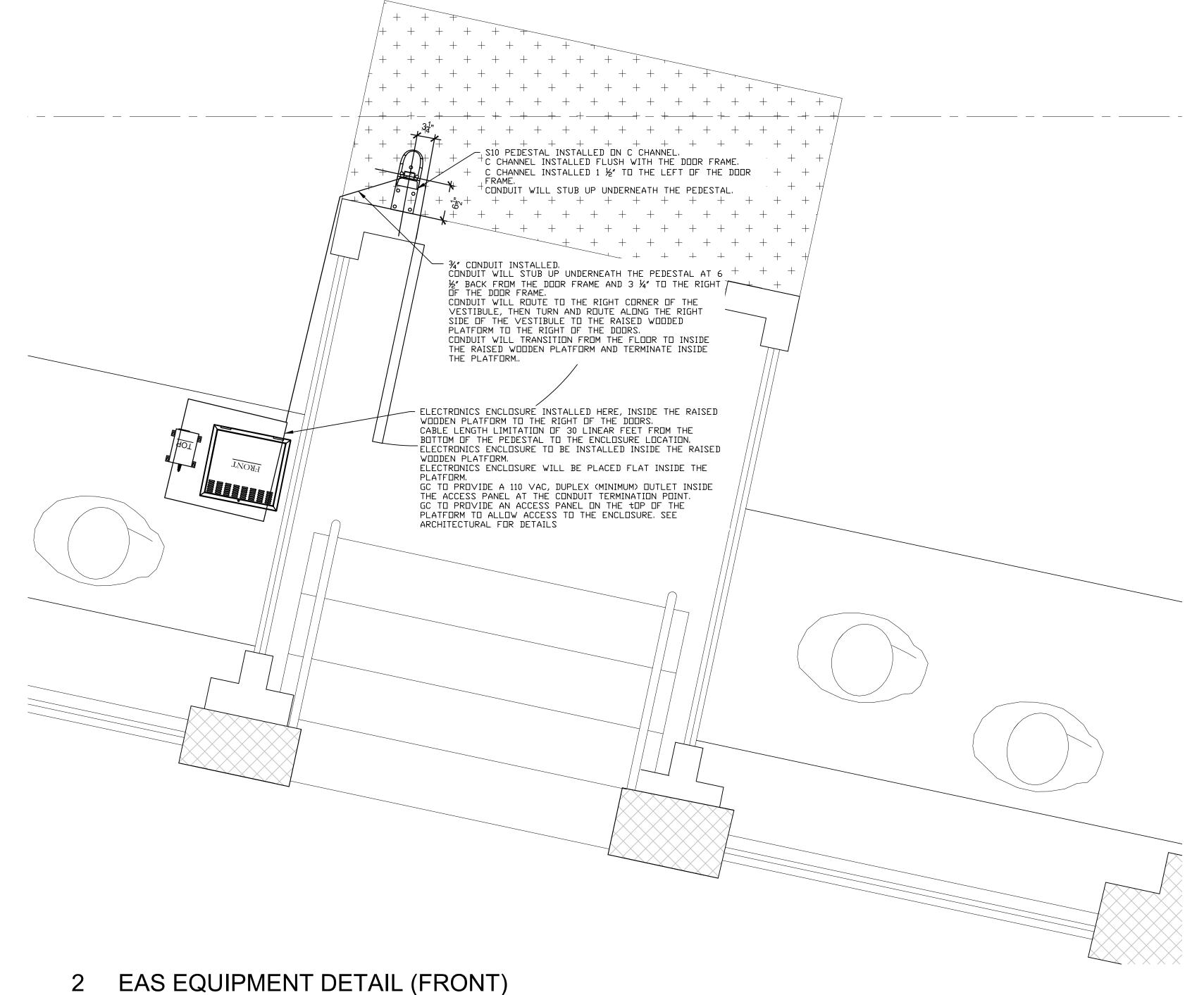
• THE EE UNIT REQUIRES ONE (1) +24VDC POWER SUPPLY PER EE UNIT (POWERS UP TO TWO (2) S10 ANTENNAS).

POWER OUTLET:

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

POWER SUPPLY DETAILS

V100 SCALE: NONE



/-- | EVOLVE S10 ANTENNA EVOLVE S10 ANTENNA INSTALLED C CHANNEL INSTALLED C CHANNEL ___ 3/4" CONDUIT ROUTED FROM ___ 3/4" CONDUIT ROUTED FROM PEDESTAL TO RAISED WOODEN PEDESTAL TO RAISED WOODEN PLATFORM. WIRING IN CONDUIT WIRING IN CONDUIT ACCESS PANEL ON TOP OF PLATFORM. FLOOR SIDE L____ +24VDC POWER +24VDC POWER ELECTRONICS ENCLOSURE (EE) — ELECTRONICS ENCLOSURE (EE)
MUST BE A MAXIMUM OF 30' (LINEAR CABLE) SUPPLY (ONE PER MUST BE A MAXIMUM OF 30' (LINEAR CABLE) SUPPLY DISTANCE FROM THE FARTHEST S10 ANTENNA.

ONE EE PER TWO S10 ANTENNAS.

ACCESS TO PLATFORM FROM TOP. (ONE PER ELECTRONICS DISTANCE FROM THE FARTHEST S10 ANTENNA. ELECTRONICS ENCLOSURE) ONE EE PER TWO S10 ANTENNAS. ENCLOSURE) ACCESS TO PLATFORM FROM TOP.

ELEVATION DETAILS (FRONT)

V100 SCALE: 1/4" = 1"

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SHEET TITLE: **CHECKPOINT**

EAS DETAILS

SHEET NO:

V100

V100 SCALE: 1/4" = 1"