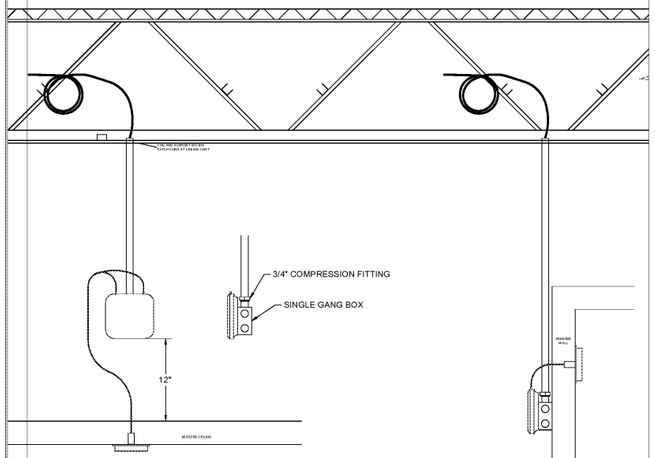
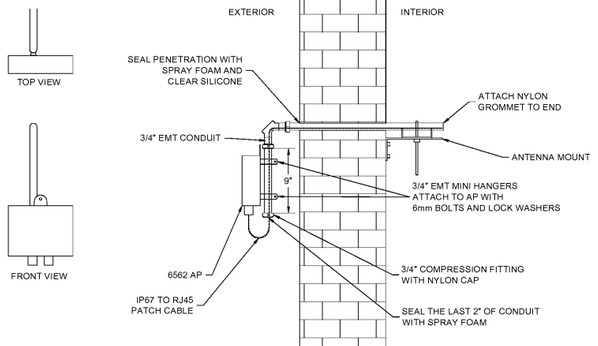
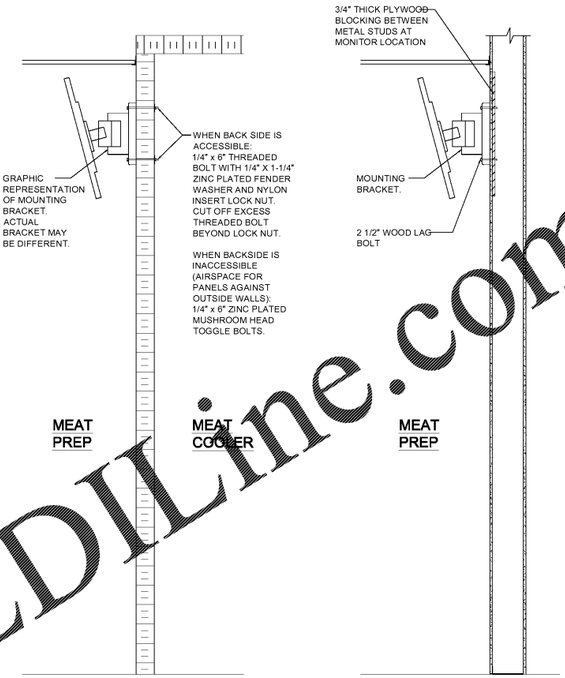


7522 Detail Notes

1. 7522 Freezer Access Point (Owner Provided)
2. 1-1/8" Hole - Pilot from inside to outside then drill from outside to inside.
3. Install clear silicone on antenna plate and around threads.
4. Feed antenna leads thru hole and fill hole with expanding foam. Wait one day to dry.
5. Trim foam and fill outside hole with clear silicone.

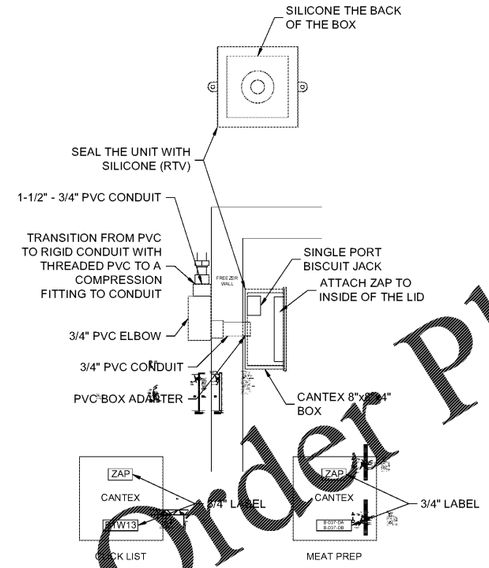


6562 OUTDOOR AP DETAIL



SECTION – a
AT INSULATED PANEL

SECTION – b
AT metal stud wall



Freezer ZAP Mounting Detail

1. Freezer ZAP (Owner Provided)
2. 1-1/2" Hole - Pilot from inside to outside then drill from outside to inside. Feed 3/4" PVC thru pilot and seal with silicone and expanding foam.
3. Install clear silicone (RTV) on back side of Cantex box in 3 layers, about 1" in from the perimeter and then another 1" toward the center. The last being around the perimeter on the box. Be sure to cover the mounting tabs and mounting screws.
4. Use sticky backed Velcro to attach the ZAP to the inside of the Cantex boxes lid so that the data port is facing the inside of the box.

6562 Detail Notes

1. 6562 Outdoor Access Point (Owner Provided)
2. Hardware provided by Contractor:
   a. QTY 1 - 3" section of 3/4" EMT
   b. QTY 1 - 9-in section of 3/4" EMT
   c. QTY 1 - LB EMT Fitting
   d. QTY 2 - 3/4" EMT mini hanger
   e. QTY 1 - 3/4" EMT compression connector
   f. QTY 2 - 6mm x 12mm metric bolts
   g. QTY 2 - 6mm lock washers
   h. QTY 1 - Foam insulation spray can
   i. QTY 1 - Tube clear silicone
   j. QTY 1 - 5m IP57 to RJ45 outdoor rated patch cable
   k. QTY 1 - Channel Master Antenna Mount
3. Enter the Access Point into TUNA using the "Moto hs6562 AP" TUNA template
4. Attach the 3/4" EMT mini hangers on the back side of the 6562 AP using the 6mm bolts and lock washers
5. Using a hammer drill, drill a 1-1/8" hole through the wall for the 3/4" EMT conduit penetration
6. On the interior of the building, cut-off the excess 3/4" EMT conduit so that 6" to 8" of pipe is subbed from the wall. Attach the Channel Master Antenna Bracket to the 3/4" EMT conduit and mark the mounting hole locations. Drill the holes to attach the Antenna Bracket to the wall. Secure the Antenna Bracket to the wall using appropriate hardware. Install a nylon grommet on the end of the 3/4" EMT conduit.
7. Install the IP67 to RJ45 outdoor rated patch cord through the conduit
8. Mount the 6562 AP to the 3/4" EMT conduit on the exterior side of the building
9. Install the IP67 to RJ45 outdoor rated patch cord through the conduit and attach the exterior side (IP67) to the 6562 AP. The strain relief nut on the patch cord will need to be removed in order to plug the patch cord into the 6562 AP. After plugging in the patch cord, re-install the strain relief nut on the patch cord.
10. On the exterior side of the conduit, seal the last 2" of the 3/4" EMT conduit end with spray foam
11. On the exterior side of the building, seal around the conduit penetration with spray foam then clear silicone

MONITOR INSTALLATION SPECIFICATION

1. LG Monitor: Model Number 43SE3KB. 120V, 60Hz, 65W, Furnished with Cord and Plug.
   1.1. Low voltage installer to coordinate with electrical contractor (EC) and determine the exact location for the monitor receptacle.
   1.2. Installation Option 1 (Preferred):
      1.2.1. EC to verify panels, circuits, and loads (of circuits) serving existing meat prep area. If panel and circuit load(s) allow, EC to connect new monitor to existing circuit **only if** tested ground resistance values of this panel **and** panel serving the TR cabinet houseing the GEN4 Zooter (i.e. ZAP HD) do not exceed 3 ohms. If excessive differences in ground potential are present, refer to 1.3 below
      1.2.2. **Note:** This TR cabinet may not be in, nor serve, the meat prep area.
   1.3. Installation Option 2:
      1.3.1. EC to furnish a dedicated circuit **from same panel and phase** serving TR cabinet from which the GEN4 zooter is connected to serve the new monitor.
2. Ensure additional load won't trip existing panel (main) breaker, nor any upstream overcurrent protective devices (including existing main service).
3. Receptacle to be 125V, 20A, GFCI, orange in color, with weatherproof "while in use" gray die cast metal cover (provide p-touch label denoting the panelboard and circuit number serving the receptacle on the inside face of the "while in use" cover.). use either of the the following:
   3.1. Hubbell Incorporated, #WP826; (203) 882-4800.
   3.2. Intermatic Incorporated #WP1010MC; (815) 675-7000.
4. Provide plastic plug protector for bottom outlet to render this outlet inoperable. Provide "Do Not Use" p-touch label at this outlet for same.
5. Surface mount and weatherproof outlet box mounted on cooler panel wall: Provide corrosion resistant cast metal outlet wiring box, of type, shape and size, including depth of box, with threaded conduit ends, face plate suitably configured for each application, including face plate gasket and corrosion resistant fasteners. Seal around receptacle and all electrical penetrations thru insulated panels with clear silicone caulk. Seal on both sides. **Meat Prep is a wet location;** provide a weatherproof enclosure whether or not the plug cap is inserted.
   5.1. If mounted within an existing stud wall: hinge of receptacle's "while in use" cover may be flush with stud wall (or as near as possible to allow for full opening of hinge cover) if depth of stud wall will allow. Seal around receptacle clear silicone caulk. Seal on both sides.
6. Conduit:
   6.1. Electrical metallic tubing (EMT): ANSI C80.3 and UL 797, galvanized or zinc coated steel.
      6.1.1. Fittings: use only compression-style fittings within the prep area space.
      6.1.2. Install wiring for system in conduit sized per NEC, minimum 3/4-inch diameter.
      6.1.3. Provide conduit runs exceeding 100-feet in length or having in excess or three 90 degree turns with pull boxes.
7. Provide minimum intermediate metal conduit (type imc) for exposed conduit in the back room below a height of 15-feet.
8. Install UL type THWN wiring in conduit for all branch circuits.

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FIRE PROTECTION

ISSUE LOG

NO.	REV.	DESCRIPTION	DATE
1	-	PERMIT SET	12/05/18
2	-	BID SET	03/21/19

JOB:	SCALE:
2018041	NO SCALE

SHEET NO.

AP MOUNTING DETAIL 2

T1.6.3

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