



VEHICLE DETECTOR LOOP INSTALLATION INSTRUCTIONS

The following instructions are for installation of the VDL Vehicle Detector Loop. Loop should be installed prior to pouring concrete or paving the lane. Pay careful attention to the loop dimensions and the depth and position of it during installation.

A PRE-FAB LOOP

- Lay the loop flat in the drive-thru lane and position it as shown in Figure 1. Level the loop so it will be 2 inches (51mm) or less from the paved surface when the concrete is poured or asphalt laid.
- Pull the loop wires through the PVC loop extension (4). Slide one end of the sleeve coupling (3) over the nipple on the corner fitting of the loop (5), and slide the end of the loop extension into the other end of the sleeve coupling. Use PVC cement on all joints.
- Pull the loop wires through the elbow coupling (6) and the remaining 2 feet (.61 meter) piece of PVC (7). Slide the two ends of (of 4 & 7) into the coupling (6), positioning the piece of PVC (7) so it points upward, out of the ground inside the speaker post. Be certain it is next to and parallel to the outlets of the conduit coming into the speaker post or menu board from the building. (Elbows & Cplings provided in kit)

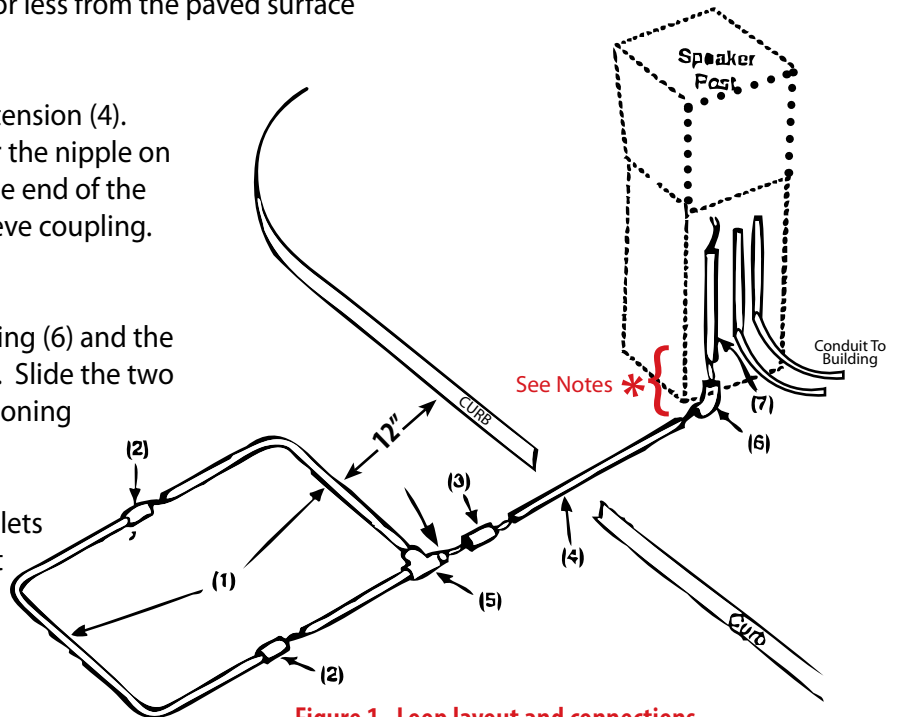


Figure 1. Loop layout and connections

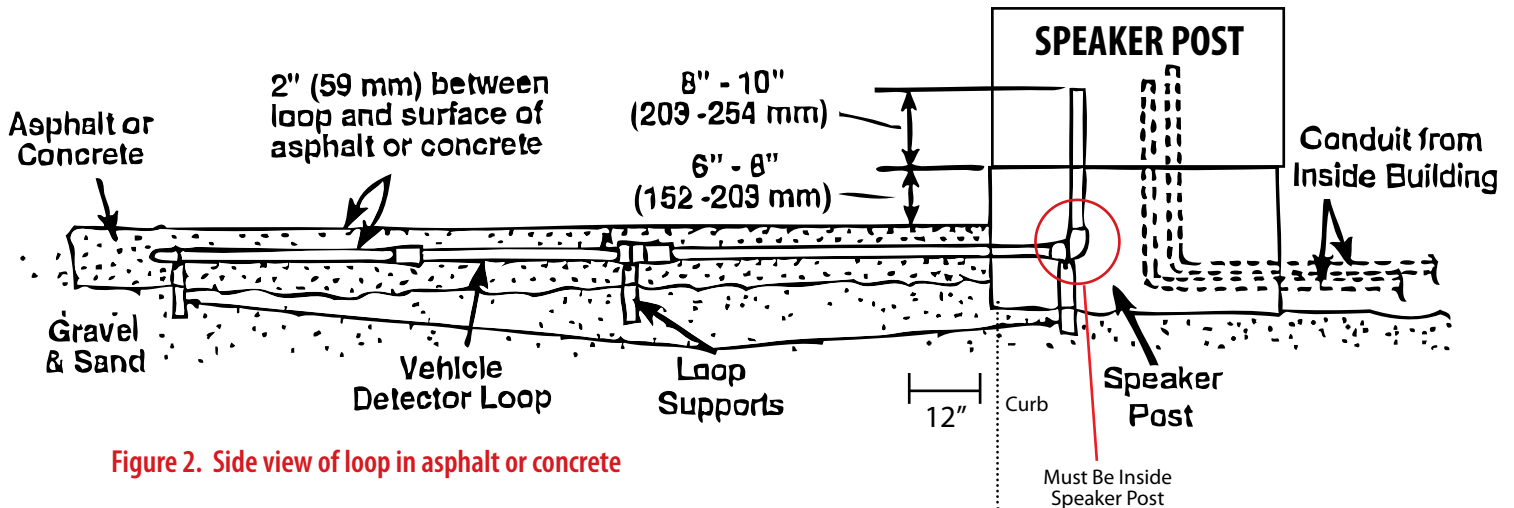


Figure 2. Side view of loop in asphalt or concrete

*Note: Loop supports used to hold prefab loop in place for proper positioning during concrete pour or paving must be wood or plastic. There can be no re-bar within 18 inches of metal detector loop!

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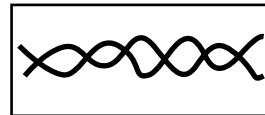
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B SAW CUT LOOP INSTALLATION / REPLACEMENT

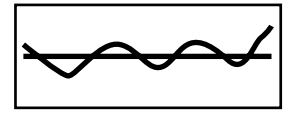
SAW CUT IN PAVEMENT:

3/8" WIDE SLOT 1 1/2 - 2" DEEP

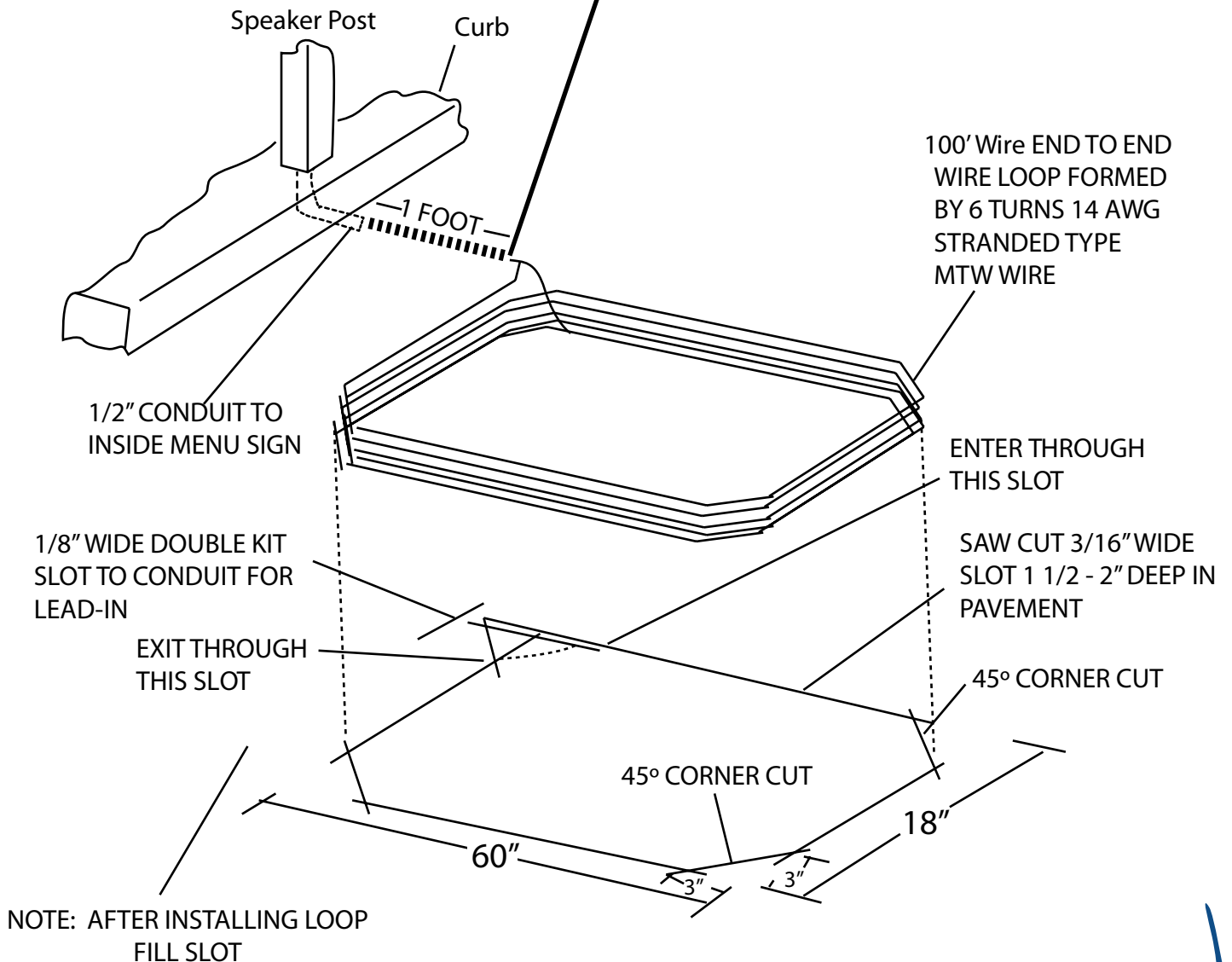
LEAD-IN --- TWIST LEADS TIGHTLY



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