PAVEMENT SURFACE

SEALER
Fill to within 1/16"
of surface

BACKER ROD BR-125

5 TURNS DSI-120 LOOP
CABLE

3/16" SLOT

END
VIEW

SIDE VIEW

NOTE: Lay wires on top of each other in slot and
FIRMLY press backer rod down in slot. The wires must
not be allowed to vibrate.

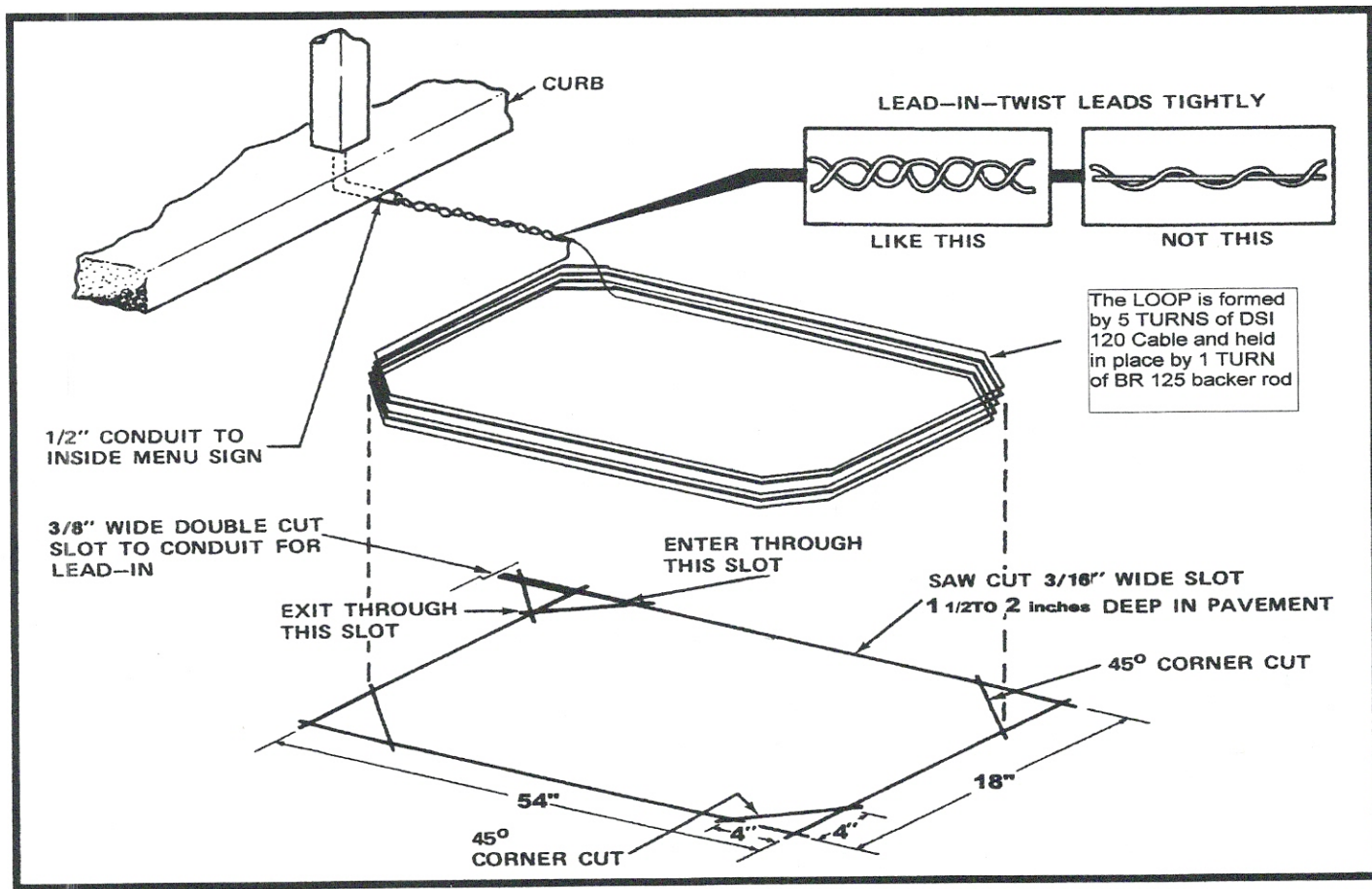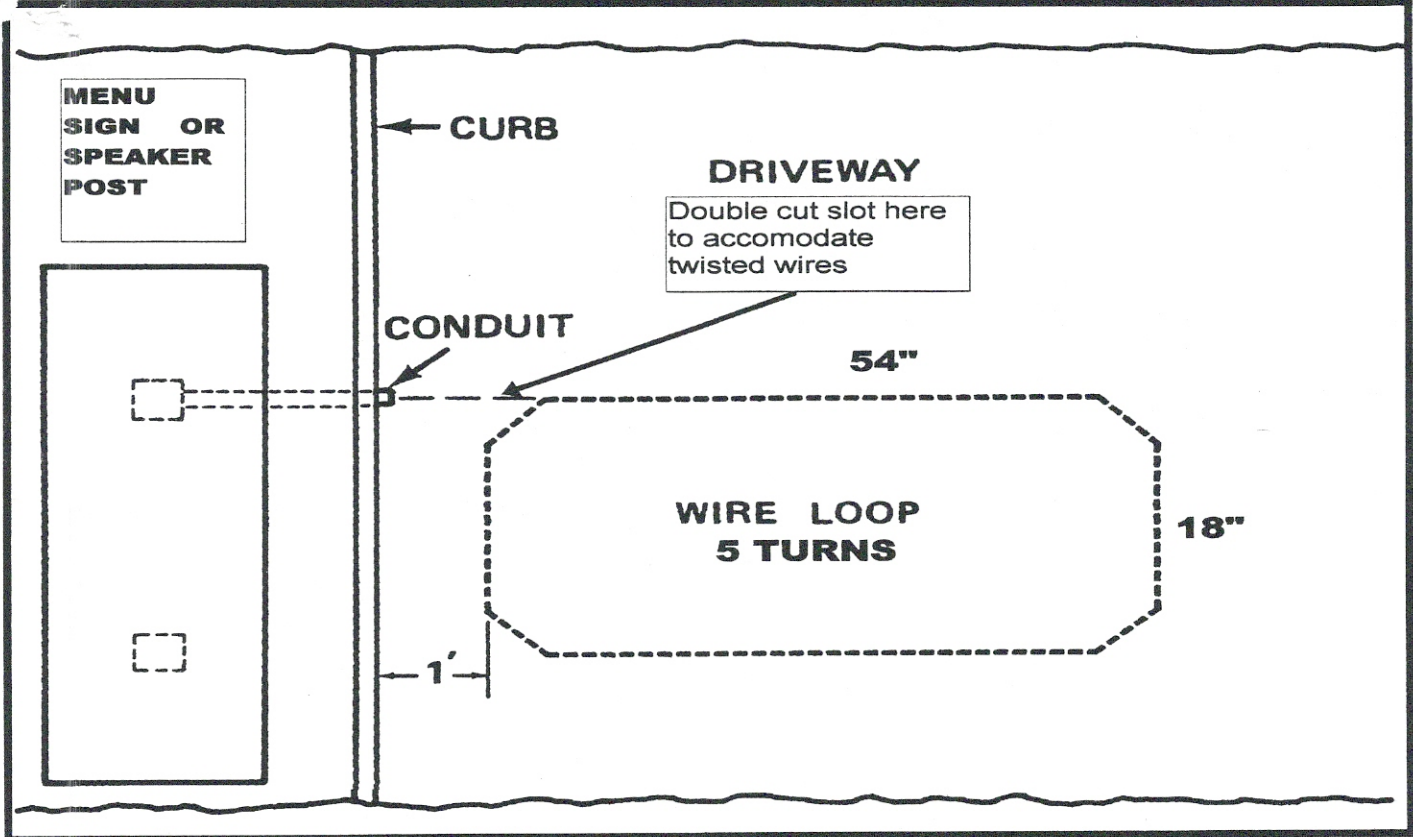# SAW-CUT LOOP INSTALLATION INSTRUCTIONS

1.   Mark the loop outline on the pavement using a chalk line or similar device
     Note: Remember to mark the corners diagonally.

2.   Place a mark on the concrete saw blade to insure that the cut depth is 1 1/2 to
     2 inches in depth.

3.   Saw the loop slot outlined on the pavement. Extra care must be taken if sawing
     blacktop. The age and condition of the blacktop can affect the quality of the cut.

4.   Clean all debris and water from the slot and blow it out with a blower to make
     sure that all particles and moisture are removed.

5.   Carefully install a continuous piece of loop wire in the saw slot. Use a wood stick
     roller or old saw blade to insure that the wires are at the bottom of the
     slot. DO NOT use metal objects for this purpose. REMEMBER to leave enough
     slack at the beginning and the end to make the twisted pair lead in to the sign.

     NOTE!! DO NOT make any splices that will be
     underground or in the slot.

6.   Work the backer rod into the slot in a manner similar to that used to insert
     the loop cable and make sure that it is seated firmly on top of the loop wire.
     The loop wires must be tightly packed into the slot to insure that they do
     not vibrate.

7.   Using the tube of #974 Loop Sealant and a large chalking gun fill the loop slot
     and lead in slot to within 1/16 inch of the drive surface. The sealant should
     dry in 5 to 15 minutes.

     NOTE!!
     Be sure to read the instructions on the #974 Loop
     Sealant tube. Pay particular attention to the health
     and safety cautionary notes.

MENU SIGN OR SPEAKER POST

CURB

DRIVEWAY

Double cut slot here to accomodate twisted wires

CONDUIT

54"

WIRE LOOP 5 TURNS

18"

1'

CURB

LEAD—IN—TWIST LEADS TIGHTLY

LIKE THIS   NOT THIS

The LOOP is formed by 5 TURNS of DSI 120 Cable and held in place by 1 TURN of BR 125 backer rod

1/2" CONDUIT TO INSIDE MENU SIGN

3/8" WIDE DOUBLE CUT SLOT TO CONDUIT FOR LEAD—IN

ENTER THROUGH THIS SLOT

SAW CUT 3/16" WIDE SLOT 1 1/2 TO 2 inches DEEP IN PAVEMENT

EXIT THROUGH THIS SLOT

45° CORNER CUT

54"   18"

45° CORNER CUT

4"   4"

SAW CUT LOOP ILLUSTRATIONS