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INSTALLATION TIPS FOR USING OUR PREFORMED DIRECT BURIAL LOOP

DEMONSTRATION EXAMPLE: E-NL08-18 WITH A 20' LEAD-IN

NOTE: For this exercise we will be using a 2' x 6' direct burial loop as our model. If your product does not match this exact size, be sure to adjust accordingly so that you maintain the same proportion.

Our preformed flexible conduit loop was designed for installing in both new construction or gravel roadways. The conduit is a ribbed non-metallic material providing full protection for the loop contained within. The following instructions will serve for either context:

PREPARATION FOR PAVING OVER

1. Using orange construction paint, mark out size of loop being used. Just like a saw cut installation, an exact measurement is not mandatory; the more accurate your outline, the easier it will be to install. For this example, we will use 2' wide by 6' long.

2. Bend conduit into the exact rectangle shape as the size ordered.

3. Choose proper location of loop and place loop on ground, keeping the "T" and lead-in wire closest to the operator.

4. Cover with a light coating of sand, dirt or gravel.

5. Protect lead-in wire by means of an additional length of 1/2" flexible conduit or apply a rigid conduit of non-metallic material. This lead-in conduit should also be covered with sand, dirt, or gravel — wherever blacktop would make contact.

PREPARATION FOR CONCRETE

When preparing for a concrete installation:

1. Follow steps one, two and three as listed above.

2. Maintain a minimum of 3" from any metal.

ADDITIONAL PRODUCTION NOTES

When installing over rebar or wire mesh, use non-metallic stakes to suspend loop over any metal reinforcements.

Some installers prefer to wait until cement is poured and then float loop into cement maintaining a minimum of 3" from metal reinforcements. Just for your consideration.