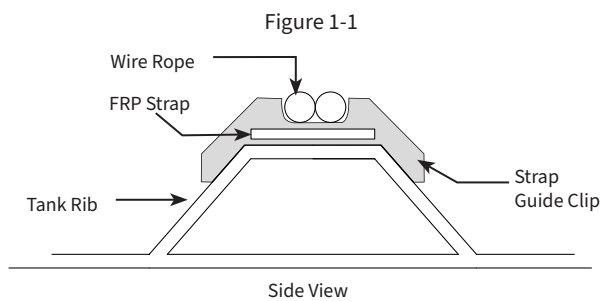


ALTERNATE ANCHORING METHODS

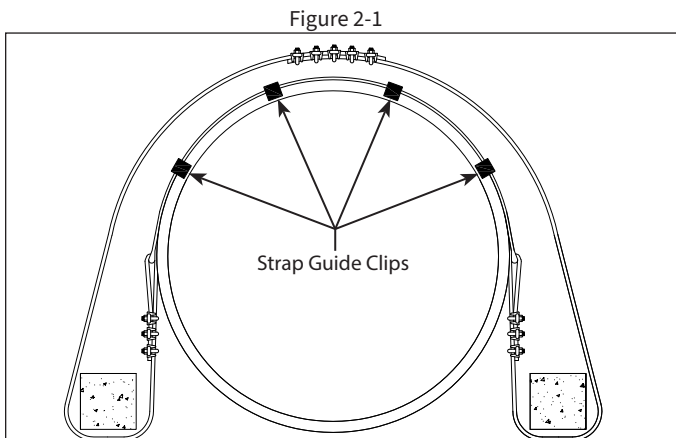
SUPPLEMENTAL INSTRUCTIONS

1. INTRODUCTION

- 1.1. The preferred method for man-out-of-hole anchoring is the Containment Solutions, Inc. (csi) Split Strap Anchor System, Pub. No. ACC 5004. However, the following two methods may be used as tank anchoring alternatives.
- 1.2. Follow these Supplemental Instructions as well as all instructions covered in the most recent edition of Containment Solutions™ Tank Installation Instructions (Pub. No. INS1300).
- 1.3. With each method below, it is important to place the fiberglass hold-down strap between the wire rope and the tanks so that the wire rope is never in direct contact with the tank.
- 1.4. The strap guide clips, provided by FGS, are designed to keep the wire rope on top of the strap as shown in Figure 1-1.



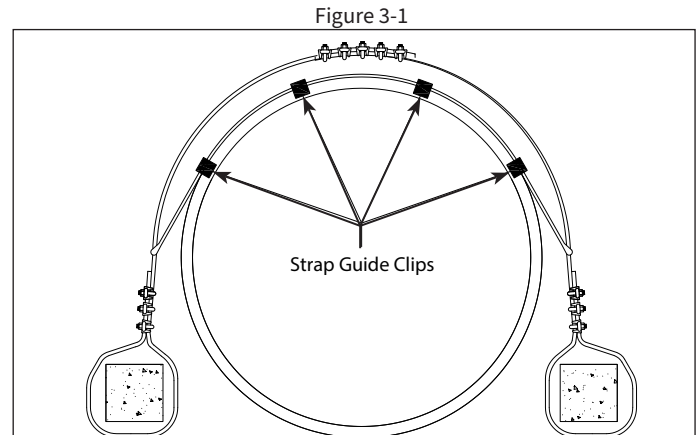
2. INSTALLATION METHOD 1



- 2.1. Attach a wire rope to each end of the hold-down strap (see Figure 2-1).
- 2.2. Secure the termination of the wire rope with cable clamps (refer to Containment Solutions™ Tank Installation Instructions, for suggested method).
- 2.3. Position each hold-down strap on the designated anchor rib (▶◀).
- 2.4. Lower the deadmen to the bottom of the excavation, placing them on top of the wire ropes on each side of the tank.

- 2.5. Take the slack out of each wire rope with a come-a-long and splice the termination for the wire ropes on top of the tank using cable clamps. Follow recommendations of the wire rope manufacturer, as well as all industry standards when handling, attaching, or connecting wire rope.

3. INSTALLATION METHOD 1



- 3.1. Loop a wire rope around the deadman at each location that corresponds to the designated anchor rib (▶◀) (see Figure 3-1).
- 3.2. Secure the termination of the wire rope with cable clamps (refer to Containment Solutions™ Tank Installation Instructions, for suggested method).
- 3.3. Lower each deadman to the bottom of the excavation.
- 3.4. Position each hold-down strap on the designated anchor rib (▶◀).
- 3.5. Bring the live end of each wire rope up through the loop end of the fiberglass strap then to the top of the tank at each marked rib.
- 3.6. Take the slack out of each wire rope with a come-a-long and splice the termination of the wire ropes on top of the tank with cable clamps. Follow recommendations of the wire rope manufacturer, as well as all industry standards when handling, attaching, or connecting wire rope.