

# DIRECTIONAL DRILLING FOR CATHODIC PROTECTION

## STANDARD INSTALL PROBLEM

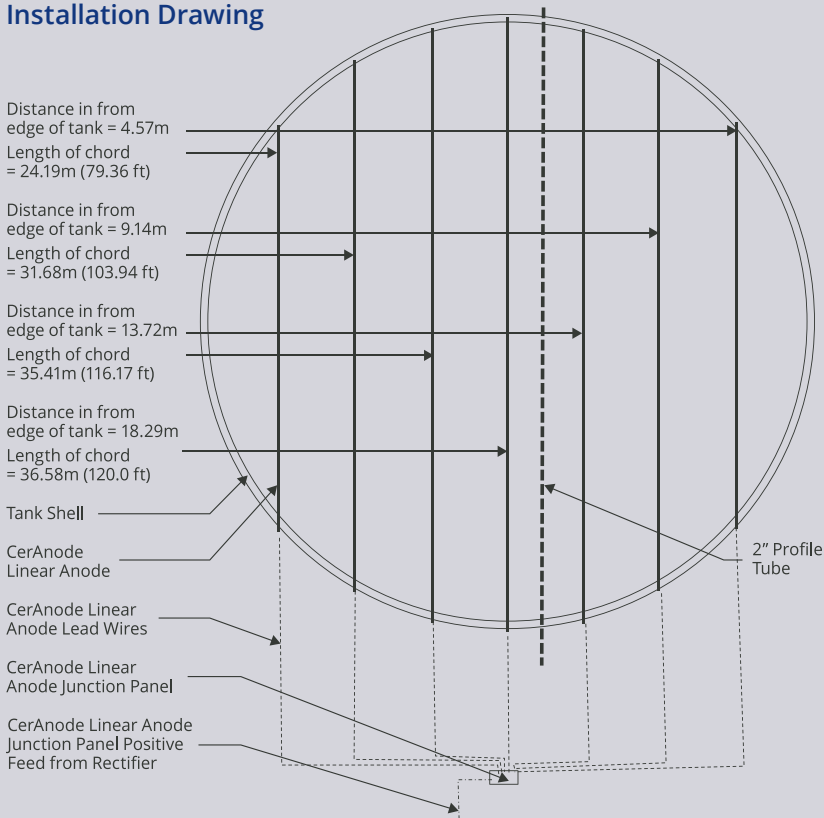
Existing installation of cathodic protection systems on oil storage tank bases are unable to effectively drive current to protect the entire base. This can lead to premature tank corrosion.

## ALTERNATIVE SOLUTION

Using directional drilling, it is now possible to install anodes spanning the entire length of the tank, extending its useful life.



## Typical Tank Installation Drawing



Omni Directional Boring uses horizontal directional drilling (HDD) to install cathodic protection beneath aboveground oil storage tanks. This enables owners to meet Environment Canada's Federal Storage Tank Regulations.

Omni has installed linear anodes and reference electrodes under existing 36–60 metre diameter tanks for over 20 years. Omni's experienced drilling crews utilize the latest electronic tracking technologies to assure the highest degree of accuracy and safety.

## BEFORE WE BEGIN

The installation area is reviewed during a pre-site visit to determine the following:

- ✓ Site safety requirements
- ✓ A list of materials for install
- ✓ Installation schedules

We look forward to assisting you on your next project.

**Contact Omni today!**