



GRIPPLE
CASE STUDY

Data Center
Minnesota

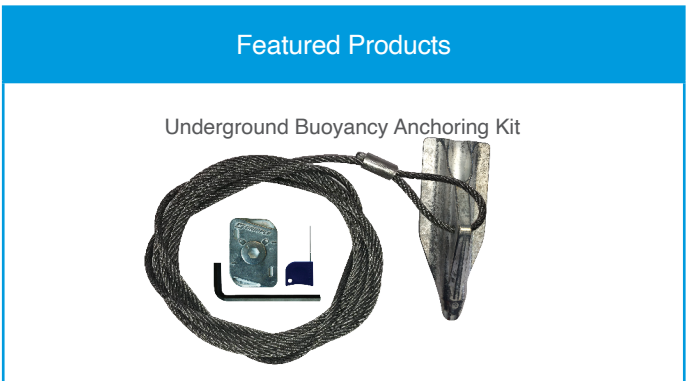


TIME SAVINGS
12.7 hours

TOTAL SAVINGS
\$470

Underground electrical duct bank installation using 200 Gripple UBA kits for a 53,000 square foot building that will include offices, training spaces and a data center.

Project Summary	
<i>Building type</i>	Data Center
<i>Contractor</i>	Parsons Electric
<i>Services</i>	Underground Electrical Duct Bank



..... COST SAVING SUMMARY

	Gripple solution	Traditional method
<i>Overview</i>	Underground Buoyancy Anchor	EMT Conduit
<i>Material cost</i>	\$1,650	\$1,650
<i>Installation time</i>	1.8 hours	14.5 hours
<i>Labor rate (per hour)</i>	\$40	\$40
<i>Total labor cost</i>	\$72	\$580
TOTAL COST	\$1,760	\$2,230



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PROJECT DETAILS

The contractor, Parsons Electric, was working on installing an underground electrical duct banking system that would lead conduit to a 53,000 square foot building that will include offices, training spaces, and a data center. The contractor was looking for an anchoring solution to help prevent the PVC conduit from floating when concrete was poured.

In searching for a solution, Parsons Electric found that the Gripple Underground Buoyancy System offered full protection against all upward forces. Parsons Electric have used Gripple hanger products before but this was

their first time utilizing the Underground Buoyancy Anchoring system. In addition to the anchor's strength, their ground's engineering properties were able to be accessed with minimal soil disturbance which maintained the strength of the trench walls.

Using Gripple over the traditional method on this project was five times faster and saved the contractors 12.7 hours of total installation time.

"Our standard installation for one anchor on the duct bank took us 8 to 9 minutes. With the Gripple anchor it takes us about a minute and a half to 2 minutes. We are moving to make this our standard for duct bank anchoring." - Parsons Electric

