VALUE ENGINEERING CASE STUDY / FALSE ECONOMY OF PVC BELOW GROUND





For uncertain or demanding applications, CISP is the more durable choice.

Jason Brownlie on the false economy of PVC below ground.

"In a food production facility, the entire boiler room was to be cast iron, but beyond the boiler room the owners wanted PVC to save money. And they did...initially."

"When the boiler operator decided to blow the entire boiler direct to drain — right at the drop from the cast iron to the PVC — it melted the plastic completely out of the main."

"Wouldn't have been that big of a deal to repair except everything was down 8 feet, inside a clean corridor, in a food plant, and very close to a 27-pipe, high-voltage raceway encased in concrete."

"The repair cost \$30,000-\$40,000. And I'm certain we could have done an initial cast iron install for a lot less. I guess some people like to gamble."

> For more case studies about cast iron and the perils of value engineering, go to charlottepipe.com/VE

