



**“DETENTION ENVIRONMENTS CAN BE...
VERY DEMANDING. CAST IRON OFFERS
MAXIMUM PROTECTION FOR SYSTEMS
THAT TAKE A LOT OF ABUSE.”**

Michael Smith / President / MD Engineering



Secured From the Drains Up

Michael Smith, president of MD Engineering, talks about specifying cast iron in the Gillespie County Jail.

“Since most of our clients are municipalities who own their facilities, we have to provide solutions that are good on first cost as well as maintenance and operational costs. Cast iron is a little more up front, but has lower costs down the road. Cast iron systems have lasted a hundred years or more.

“Our job is to give our clients all the information so they can make the most informed decision. The Value Engineering Checklist from Charlotte Pipe was a great tool for this. It helped us identify all the issues and was a great set of talking points for the pros and the cons of both systems.

“We don’t usually lose out to PVC systems because we educate the owner and they want a system that can stand up to the abuse for the life of the facility.”

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