



## Pride Plumbing Enhances School's Water System By Replacing Steel Pipe With Copper

*Concerned that the building's existing boiler and chiller water pipes might fail to maintain their performance over time, the administrators at Mineral Springs School reached out to Pride Plumbing for a solution that would ensure long-term reliability and cost-effectiveness.*

### CHALLENGE

The school's black steel boiler and chiller water piping was corroding, causing frequent leaks and contamination. This resulted in inefficiencies, safety hazards, and higher maintenance costs. Pride Plumbing was entrusted with an essential upgrade: remove approximately 320 feet of outdated 3-inch black steel water piping from the ceiling and replace it with premium 3-inch Type L copper piping and ProPress fittings. Also, to install high-quality valves along the piping to optimize the new system.



## SOLUTION

Using a scissor lift to access the ceiling pipes, Pride Plumbing technicians expertly replaced the outdated black steel piping with premium copper piping, thus providing the following benefits:

- **Durability:** Copper pipes are exceptionally resilient, withstanding extreme conditions, and are highly resistant to corrosion. They boast a considerably longer lifespan than steel pipes, ensuring long-term reliability and reduced maintenance needs.
- **Improved Water Quality:** Copper piping not only minimizes the risk of contaminants but also actively inhibits bacterial growth, filters out more impurities, and maintains a stable water temperature. This ensures a higher standard of consistently cleaner and safer water.
- **Reliability:** Copper is exceptionally durable, reducing the likelihood of leaks or bursts even under high pressure. Its consistent performance and longevity ensure a dependable plumbing system, minimizing disruptions and maintenance needs. This reliability extends to all temperatures, making copper an unparalleled choice for various applications.
- **Efficiency:** The smooth interior of copper pipes allows for optimal water flow, reducing friction and turbulence. This improved efficiency leads to lower energy consumption, faster water delivery, reduced operational costs, and increased system performance and longevity.

The installation was completed over the summer when students were away, with only a few staff members present.

## RESULTS

The new high-performance copper piping system has drastically reduced maintenance costs and significantly enhanced the safety and reliability of the school's water system, mainly by reducing the risk of contaminants. This upgrade increases system durability and delivers superior performance, providing peace of mind for students, staff, and administrators alike.

## CONCLUSION

This comprehensive upgrade not only modernizes the school's plumbing infrastructure but also guarantees a safer, more reliable water system for students and staff. By leveraging state-of-the-art copper piping and advanced installation techniques, the school can now ensure optimal water quality and system longevity. Pride Plumbing's expertise in plumbing and unwavering commitment to quality make us the go-to choice for these types of projects.

**For more information about this project, or to book a new project, contact Pride Plumbing at (910) 543-8057 or visit [callprideplumbing.com](http://callprideplumbing.com)**



Mineral Springs School

