

**CASE  
STUDY**



**PROJECT  
SNAPSHOT**

**PROJECT OWNER**  
Rock & Brews - ilani Casino

**GENERAL CONTRACTOR**  
MacDonald-Miller Facility Solutions

**SUB-CONTRACTOR**  
Vortex Services - Northwest Division

**PROBLEM**  
The 6" - 8" diameter conduit piping that carries hoses of beer to the restaurant's taps was experiencing increasing amounts of infiltration.

**SOLUTION**  
Installed 112 point repairs across the seven approximately 224 LF-long conduit pipes. The point repairs involved 24"-long sections of piping in 6" - 8" pipe. Also sealed each pipe joint to ensure there were no leaks.

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# Beverage Line Point Repairs in Ridgefield, WA

## RESTAURANT SEARCHING FOR BEVERAGE LINE INFILTRATION SOLUTION

### THE CHALLENGE

Located on the Cowlitz Reservation in Ridgefield, Washington, Rock & Brews is a restaurant and bar at the ilani Casino Resort. In early 2024, Rock & Brews employees noticed that the 6" - 8" diameter conduit piping that carries hoses of beer to the restaurant's taps was experiencing increasing amounts of infiltration. Rock & Brews' owner put out a bid to rehabilitate the conduit pipes and other assets, eventually selecting MacDonald-Miller Facility Solutions, a full-service mechanical contractor based in Seattle, for the job. MacDonald-Miller subcontracted Vortex Services to complete the pipe repairs, trusting that the team's combined years of experience would enable them to get the job done successfully and efficiently.

### THE SOLUTION

Originally, the Vortex Services team planned to install 82 different point repairs across the seven approximately 224 LF-long conduit pipes. However, once the crew got to work inspecting the piping via a push camera, they realized that more point repairs would be necessary to fully rehabilitate the assets. The team pivoted to include the additional point repairs in the project scope. Altogether, the squad performed 112 point repairs on 24"-long sections of piping, 60 of which were in 6" pipe and the remaining 52 of which were in 8" pipe. As the crew completed these point repairs, they sealed each individual pipe joint, further eliminating sources of infiltration. Despite the narrow timeframe, the squad finished the job ahead of schedule on March 1. With its infiltration issues taken care of, the busy restaurant was able to get back up and running after just nine days.

### THE RESULTS

Rock & Brews' owner has been pleased with the Vortex Services team's infiltration abatement efforts. Without these essential repairs, the business could have eventually experienced fluid exchange of groundwater and the beer taps between the ground and the casino.

*No photos taken at Client's request.*