

July 3, 2025

Dave Drake
Fire Inspector – Building Division
City of Puyallup
333 S. Meridian, 2nd Floor
Puyallup, WA 98371
Sent via Email: ddrake@puyallupwa.gov

Subject: Centeris Sprinkler Obstruction Review, Revision 0
Centeris Voltage Park
1023 39th Ave SE
Puyallup, WA 98374

Dear Mr. Drake:

Coffman Engineers, Inc. (Coffman) was requested by Benaroya Capital Company, LLC (Benaroya) to evaluate sprinkler obstructions created by the installation of new conduit and piping below the existing sprinkler system. At the start of involvement, Coffman was provided with fire sprinkler drawings created by Patriot Fire Protection (Patriot) showing their sprinkler design additions based on sprinkler obstructions they surveyed in Fall 2024. On March 12th, 2025, Coffman conducted an onsite survey of the sprinkler obstruction areas identified on the Patriot sprinkler drawings.

Coffman walked throughout the project area, using Patriot's drawings for reference. The areas above the West and East Mezzanine were not surveyed by Coffman as these areas were not included in Patriot's scope and construction was still occurring on the East Mezzanine at the time of Coffman's site observation. The East side of the facility was partially surveyed as this area was also under construction. During the survey, Coffman documented locations where sprinkler spray pattern obstructions were observed – including areas in the mechanical room, northern corridors, battery rooms, and spaces south of the battery. Coffman provided a memorandum and drawing mark-up to Benaroya and Patriot which identified code deficiencies (based upon 2019 NFPA 13) on the Patriot sprinkler design. Coffman's drawing markup also identified areas where more sprinkler coverage was recommended due to sprinkler obstructions observed during the site survey.

Patriot, Coffman, Benaroya, and Howard S. Wright participated in multiple working meetings to resolve sprinkler design code deficiencies and sprinkler obstructions identified during the Coffman site survey. It was determined that numerous conduits and ducts were both installed and removed between Fall 2024 and Spring 2025. To ensure all sprinkler obstructions were identified, Patriot resurveyed the facility multiple times to capture the addition and removal of all sprinkler obstructions. During the working sessions, Patriot shared locations of areas they resurveyed and provided pictures of the current conditions. Coffman was able to review the pictures for sprinkler obstructions and the group mutually agreed on which areas needed more sprinkler coverage.

After the working sessions, Patriot provided Coffman with a revised set of sprinkler drawings with sprinkler coverage placed in the areas newly identified. Coffman reviewed the new drawings and provided one set of comment responses. Patriot then provided a new revision of the sprinkler drawings incorporating Coffman's comments.

CONCLUSION

In Coffman's technical opinion, the new Patriot sprinkler drawings, dated 06/26/2025, provide a design that is adequate to provide sprinkler coverage beneath the sprinkler obstructions which were collaboratively identified by both Coffman and Patriot. We recommend that Patriot proceed with the system modifications once approval is obtained from the fire Authority Having Jurisdiction.

This letter should not be utilized for different applications or locations. If you have questions regarding the content of this document, please contact Julie Brown at julie.brown@coffman.com.

Sincerely,
COFFMAN ENGINEERS, INC.

Prepared by:



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Fire Protection Engineer

Reviewed by:



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