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**Date:** 5/31/2024  
**To:** City of Salem  
**From:** Tyler Roth, P.E.  
**Project Name:** The Cannery  
**AKS Job No.:** 5968-01  
**Project Site:** 1105 Front St NE Salem, OR 97301

**Subject:** Design Exception for Reduced Pressure (RP) Backflow Assembly Placement

The Cannery project located at 1105 Front Street NE, will consist of three new six-story mixed-use buildings, and the restoration of three existing buildings along the Willamette River. A Reduced Pressure (RP) Backflow assembly will be required for the mixed-use buildings and restored commercial structures along the Willamette River.

Typically, the backflow assembly structure is placed near the street property line behind the meter. In this case, the buildings abut the property line, limiting the amount of available space along the street frontage for the structures. The location of proposed backflow assembly structures was discussed with the City of Salem Engineering and Public Works Departments on May 7<sup>th</sup>, 2024. During the meeting it was determined that the best place for the RP Backflow structures was inside Buildings 2 and 3.

Following the meeting, City Staff requested a formal design exception be submitted to allow the RP Backflow assembly devices to be placed in the building as shown on the site utility plan. This letter serves as that request. The remaining buildings (Building 1 and Buildings 4-6) have sufficient space available onsite to provide an above-ground RP Backflow assembly near the property line behind the meter.

Thank you for considering this request.

Sincerely,

**AKS ENGINEERING & FORESTRY, LLC**

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