

June 20, 2024

City of Steamboat Springs Planning and Community Development
137 10th Street
Steamboat Springs, CO

RE: Lots 5-9, Block 12
1147 and 1169 Oak Street
Steamboat Springs CO, 80487
No Rise Evaluation Letter

Dear City of Steamboat Springs:

At this time, Four Points Surveying and Engineering does not anticipate that the channel armoring improvements within the regulatory floodway of the Soda Creek will impact the base flood elevations of the Soda Creek, designated by the latest published Flood Insurance Study (effective date 02/04/2005) and further detailed on Firm Panel No. 08107CO877D.

As stated within the Floodplain Development Permit Narrative, the channel armoring improvements will be constructed in a manner in which existing grade elevations of the embankment are held to current conditions. Densely vegetated brush will be replaced in-kind with nine-inch diameter riprap to help reduce the potential for scouring and erosion along the lower embankment of the Soda Creek. Willow shrubs will be planted above the armoring to help provide shading. Existing vegetation will be maintained above the newly planted willow shrubs.

Due to the lack of elevation change in the floodway as a result of this project, we believe that a detailed HEC-RAS analysis of the upstream and downstream limits of the Soda Creek is unnecessary at this time. Base flood elevations downstream of the project area will remain consistent with pre-development and historical conditions, and within the range of 6704-6705 feet above mean sea level.

Sincerely,

Walter Magill, P.E.
Four Points Surveying and Engineering