



February 29, 2024

City of Steamboat Springs  
137 10th Street  
Steamboat Springs, CO 80487

RE: Changes made to the Final Drainage Report for the Astrid (2410 Ski Trail Lane)

To whom it may concern,

This brief letter serves to elucidate the changes made to the approved Final Drainage Report for the Astrid development so that the whole report doesn't need to be reviewed. The last draft was submitted on May 19, 2023 and was not stamped. We put "Final Submittal" on the cover and stamped the second page. Also in section 1.C.2 on page 2, the Construction Documents that are being submitted with this Drainage Report have been referenced.

#### **Basin Changes**

The previous basin A8 that picks up drainage from the driveway to Building 1 used to be directed to Pond A. The garage of building 1 was lowered 2 feet and it was easier to direct the flow to the southeast to Pond B. Therefore, Basin A8 has been changed to B3 and Basins B9 and B10 have been renamed to B8 and B9 respectively. The SF-1, SF-2, and SF-3 pages have been updated to reflect these changes. Also, the Proposed Drainage Plan has been updated to show the change in the basin and the updated Runoff Summary Table

#### **Detention Pond Changes**

Since there is now less flow going to Pond A and more going to Pond B the required volumes and release rates have also changed slightly. The pond calcs and the text in the report have been updated to reflect the changes. Pond C has not changed. The design of the water quality orifice plates for all 3 ponds has been added. The O&M plans in the Stormwater Quality Plan have been updated to show the changes. The Pond Summary table on the Proposed Drainage Plans has been updated.

#### **Other Changes**

The storm sewers have slightly changed since the previous submittal. Mainly just in pipe slopes and inverts. The profiles with hydraulic grades and pipe report of the storm sewer match the construction documents. Riprap calcs have been added in the appendix.

Sincerely,

Steve Batchelder, PE  
Senior Project Engineer

Encl.: Updated Final Drainage Report