



April 8, 2024

Aaron Caplan
Director of Utilities & Engineering
Town of Lyons

RE: Addendum to Final Drainage Report – River Bend

Dear Mr. Caplan,

Thank you for the opportunity to submit the Addendum to the 2022 Final Drainage Report that was approved by the Town two years ago.

The main differences from the two drainage plans are:

- The main concrete patio an adjacent restroom area was removed
- This allowed room for the proposed barn
- In the 2022 Drainage plan, there was an 11,897 SF area that was reserved as future building.

Calculations were completed (on the next page) to compare the impervious areas of the 2022 report and the plan being proposed today and it was found that the assumptions in the report were very conservative. The result is that about 9000 SF of grass area is being proposed in the current design versus was calculated 2 years ago. The result is that the sand filters that were built are oversized for what is being proposed today and do not need to be modified.

Please call me with any questions about this development.

Sincerely,


Joel Seamons, PE
Owner
Rocky Ridge Civil Engineering
joel@rockyridgecivil.com

To remove

Bldg / concrete

11,897 □ (assumed future use)

Gravel

2,240 □ N + W of concrete oval patio

132 □ restrooms

156 □ E of " " "

6538 □ concrete oval patio

(18,617 □) root/concrete

(2396 □) gravel

To add

84 □ trash enclosure (N)

1073 □ Gravel path (NW)

5456 □ Prop Barn

886 □ crushed asphalt (N)

2298 □ concrete / stone patio

479 □ ADA Pkg

192 □ Flagstone Steps (S)

700 □ ADA Concrete Path (E)

9289 □ root/concrete

1959 □ Gravel

9765 □ grass added

