



SCHLAGEL & ASSOCIATES, P.A.

Engineers • Planners • Surveyors • Landscape Architects

April 19, 2018

Mr. Dan Harper, Asst. Director of Field Services
220 SE Green Street
Lee's Summit, Missouri 64063

Re: Coleman Equipment
Retaining Wall Installation

Dear Dan

Please find below the mark-up sketches of the current stream location in relationship to the wall that is currently under construction on the above referenced project.

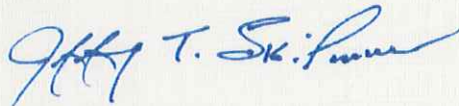


In regards your concerns with the close proximity of the existing stream to the face of the newly installed wall and as per our previous emailed correspondence, we have reviewed the existing field conditions and feel that the proposed backfill being place approximately half way up the lower block structure of the wall, between the stream and the face of the wall, will provide an adequate barrier to protect the compacted rock backfill base that was recommended by the geotechnical engineer to provide a suitable base to build the wall on. It does not appear that the flow of the stream along the face of the wall is erosive and once we get a good ground cover established and maintained along the face of the wall, we do not believe there will be any issues with the eroding of the base materials from under the wall. We are recommending to the owner's representatives and contractor that we continually monitor the this area along the face of the wall, adjacent to the stream during construction activities and should any signs of erosive activity occur, we would recommend placing some type of trm, erosion control blanket at the face of the wall, parallel with the stream that would have a turf grass seed (or native seed) incorporated into it to get turf cover established and help stabilize the embankment area.

Thank you for your assistance with this matter. If you have any questions or need any additional information, please do not hesitate to contact us at the office.

Sincerely,

Schlagel & Associates, P.A.



Jeffrey T. Skidmore, P.E.
Design Engineer

