

University of Colorado at Boulder

## Department of Facilities Management Office of Planning, Design & Construction - Engineering

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September 29, 2020

John Everin Anderson Mason Dale Architects 3198 Speer Boulevard Denver, Colorado 80211

RE: Project Variance Request - CP278574 EC ECAE/ECNT Renovations project

Dear Mr. Everin,

Thank you for submitting a variance request to our standards. The University has reviewed your variance request for the above referenced project and needs additional information. The CU standards require VAVs to minimize maintenance and lifecycle costs. We understand the project priorities and space constraints with the rooms. For the location on 1B, we would like more information discussing how the design team determined that the VAV and/or ductwork is infeasible (design sizing and photos may be appropriate for this documentation). For the other two locations, the variance request states that the VAVs are possible or may fit. Therefore, the variance request must demonstrate that the proposed alternative method will meet the intent of the standards and provide a better lifecycle cost/total cost of ownership to the campus. If the design team would like to continue to explore this variance, we would like you to submit further details of the physical and financial constraints, including specific architectural and programmatic limitations, and a detailed discussion of all other alternatives were evaluated leading to the selection of the preferred alternative. This includes but not limited to fully documenting the scope of ductwork that will need to be modified, documenting the space constraints for the different design approaches, and a comparison of lifecycle costs, and manufacturer recommended maintenance costs.

While CU understands that this analysis may be extensive, these variance requests provide feedback to us on project impacts. The standards were developed with goals of the entire campus which may conflict with project goals. When a project requests to deviate from the standards, the burden is on the design team to demonstrate why the standard does not represent the best value for the campus.

Thank you,

Jonathan Akins

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