

Request For Information

Project:	BYU-Idaho Law Office	Project Number:	2021-02
Reference Document:	M101, M102,		
Requester:	Team 11 Mech Modeler	Recipient:	Brother Schroeder
Subject:	VAV combination & Return Air Routing	Respond By:	03/12/2024

Request/Clarification	<ol style="list-style-type: none"> 1. Is it necessary for each supply air diffuser to have its own separate VAV for the first-floor bathrooms? What's the design intent for this? See attachment 01 VAV MERGE 2. Is there any specific design intent for the return air ducting? We have no ducting modeled from the return air grilles to the AHU, is there locations you'd want us to model them in at? See attachment 02 RETURN AIR
Relevant Spec. Section:	
Recommendation:	<ol style="list-style-type: none"> 1. We propose combining both first floor restroom supply systems into 1 VAV that is big enough to provide the appropriate CFMS for both diffusers. This will save money and be a better solution. Please Advise. 2. We propose detailed duct routing be provided by owner/architect that shows design intent or no specific design intent/routing be given and we'll be responsible for routing all necessary duct work from return air grills to the AHU unit. Our routing will be free of all clashes with Architectural, Structural, and other systems being modeled by us (ELE, & PLB)
Possible Impact:	1 less VAV, Specific Design for duct routing
Response (Not for Requestor)	