

Dammon Engineering, Inc.

dammonengineering.com

1095 Florida Ave.
Slidell, LA 70458

P.O. Box 2830
Slidell, LA 70459

985-649-5832
FAX 985-641-5950

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Diane Share
Director of Facilities Management
Peoples Health Network
Three Lakeway Center
3838 N. Causeway Blvd.
Metairie, Louisiana 70002

RE:HVAC Calculations for Member Services Training Room
Suite 2560, Three Lakeway Center

Dear Diane,

Dammon Engineering was contacted to perform HVAC calculations for a construction project to develop a new Member Services Training Room. This new training room is to be constructed by combining and renovating two of the existing Member Services Meeting Rooms #3 and #4; the hallway past Meeting Room #1 is also to be incorporated into the larger Training Room.

The new training room is to be 351 s.f. with a capacity of 12 students and 1 instructor. Each student and instructor is to have a computer and the instructor also has an overhead projector for instruction. The total heat gain from this area would exceed the available HVAC by 127 cfm (.3 tons) of air.

When reviewing the surrounding area, to find possible locations to remove 127 cfm of air, it was found that the cubicle area outside the Meeting Rooms, Member Services, has been altered from the original design to a higher density. The higher density of cubicles now has an HVAC shortfall of 1430 cfm (3.6 tons) of air, when you have 100% occupancy.

The cubicle area is open to the rest of the floor where air flows freely. However, if the Member Services cubicle area is at 100 % occupancy there could be a deficit of 3.6 tons of air resulting in cooling issues during the hot summer months.

It is our opinion that more HVAC must be provided, even if the Member Services Training Room is not constructed. This area of the 22nd floor requires an additional 3.9 tons of air, including the training room. It would be appropriate for Peoples Health Network to have a larger HVAC unit of at least 5 tons installed, this extra tonnage would also provide cooling in other areas of the floor adjacent to Member Services where shortfalls may exist.



David Dammon
Vice President