

THE
University of Vermont
MEDICAL CENTER

By Electronic Mail & U.S. Mail

August 30, 2021

Ms. Donna Jerry
Senior Health Policy Analyst
Green Mountain Care Board
144 State Street
Montpelier, VT 05602
Donna.Jerry@vermont.gov

Re: Docket No. GMCB-010-21con, New Philips Ingenia Elition 3.0 T X MRI and Construction of an Addition to House the MRI at 192 Tilley Drive in South Burlington. Project Cost: \$4,080,192.

Dear Ms. Jerry:

The University of Vermont Medical Center Inc. (“UVM Medical Center”) hereby responds to the Green Mountain Care Board’s (“Board”) Requests for Additional Information Q.004, dated August 30, 2021, regarding the above-referenced project.

HVAC:

- **Schematic Design Narrative**
 1. **New MRI Installation**

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- c. **Explain whether any measures will be implemented specifically to address COVID concerns. (The intent of this question is to understand whether provisions will be made in the HVAC system design to help minimize the spread of COVID (filtration, disinfection and ventilation). Please address in detail these components so we understand whether provisions will be made in these areas to minimize the spread of COVID.)**

Response: The proposed HVAC system will not have additional components / features (filtration, disinfection and / or ventilation) to minimize the spread

of COVID. Airborne infectious diseases, such as measles, varicella, tuberculosis (and now COVID) are very well known. Per Tables 6.4 and 7.1 of the ANSI/ASHRAE/ASHE Standard 170-2017 Ventilation of Health Care Facilities, the proposed Radiology MRI spaces do not require additional HVAC provisions for such diseases. Also, 192 Tilley Drive is an outpatient site. A COVID positive in-patient, requiring an MRI, would be scheduled at the main hospital. At the main campus, instead of HVAC upgrades, room downtimes have been instituted (between COVID positive in-patients) in order to prevent virus transmission.

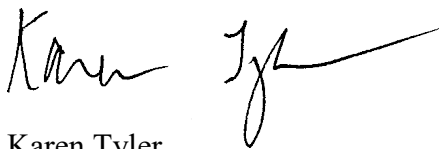
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- f. **Describe how outside air will be treated when system fan coils are not in heating/cooling mode. (The intent of this question is to understand whether there will be treatment of the outside air by DOAS (dedicated outside air system) to heat/cool/dehumidify the air before it reaches the fan coils. The fan coils cannot react directly to the outside air loads which may result in humidity/comfort issues in the space if no pretreatment is provided.)**

Response: The amount of outside air being introduced (150 cfm) into the system serving the scan room is not significant enough in volume or as a percentage of overall delivered air to warrant a dedicated outside air system. The air handling system as designed has the capability to treat the mixed air (return and outside air) to heat, cool, dehumidify, and humidify as needed to maintain the space temperature and humidity during normal design conditions.

Thank you for your attention to UVM Medical Center's application. Please let us know if you have any further questions or need additional information.

Sincerely,



Karen Tyler
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