

In August 2022 Ministry and Worship Committee requested an engineering study the to address “[ventilation that supports health and safety](#)” to permit occupancy by 80 in Meeting Room and 20- 40 downstairs.As a result of that study we now request approval for Stage 1 HVAC project: This work is for the upstairs only. Increased ventilation in the Meeting Room, Library and foyer. Completion of this work will permit operation of the system without fans in windows on the upper level.

This project includes:

1. Contract with Peter Malone (no cost) for installation of ERVs and obtain permits. Contracts for roofing and electrical work.
2. Install 2 Energy Recovery Ventilators (ERVs) in the attic and interconnecting duct work with controls and electrical wiring.
3. Fabricate and install two intake vents and two exhaust terminals on the slope of the roof of the MH
4. Modify air handling system in the attic, install MERV 13 filters
5. Install duct work in library - 1 low level return air grill and two supply registers in the ceiling of the library.
6. Test the system and then commission it to use.

Work will begin immediately and continue into FY 2023-2024. Estimated completion date: 6 weeks from approved permits.

Upon completion the increased airflow and exhaust will exceed the NC code and ASHRAE requirements and meet CDC recommendations.

TOTAL COSTS

Building/Grounds HVAC Stage 1		
	contractors and labor	\$7,366
	materials	\$4,638
	total Stage 1	\$12,004