

TFMoran Receives Award for Medicus Healthcare

Bedford, NH – TFMoran recently received the Structural Engineers of New Hampshire Excellence in Structural Engineering Award for Medicus Healthcare Solutions in the “Buildings” category.

Berard-Martel Architecture of Bedford is the project architect. Safari Construction Management, LLC of Windham is the general contractor.



SENH President Christopher Fournier (l) presents award to Thomas Lamb, TFMoran senior structural engineer



Medicus Healthcare Solutions

Medicus Healthcare Solutions is nearing completion on the third phase of the newly constructed three building office complex.

The buildings contain approximately 100,000sf of office space and are all connected by enclosed pedestrian bridges at the second floor. Each building is framed of a hybrid system of insulated concrete formed (ICF) walls and steel open web floor joists, beams and columns. The building is founded on concrete spread footings.

ICF walls at the exterior were chosen as an economical and energy-efficient

solution in lieu of the typical steel frame and metal stud curtain wall system used on most office buildings. The wall systems provided several benefits including a robust lateral load resisting system, ICF formed brick shelf, increased flexibility with façade material installation, and simplicity of connections between buildings.

TFMoran engineers produced a three-dimensional structural model for the design of the buildings. The model was then imported into Building Information Modeling software to produce the structural drawings for the project.



Construction showing exterior ICF walls and steel framing