

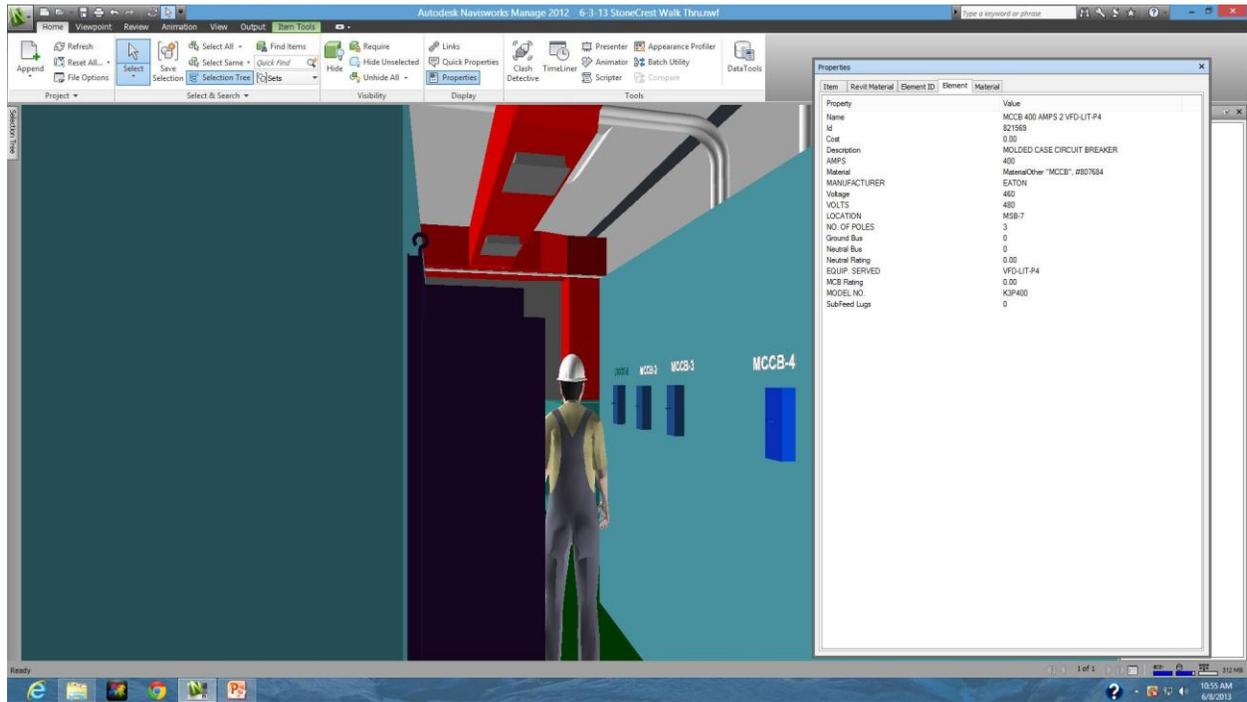
Autodesk Revit Training

PerryTech have designed an innovated Revit training class that will fast-track the learning process while introducing the student to BIM (Building Information Modeling) & the new work-flow concepts currently be used by most consulting firms, government and private organizations. The training class will incorporate the concept of con-current engineering design where all engineering disciplines work on a central model which allows continually coordination of equipment and building component layout throughout the design process. This concept will be aided by the training course which will cover all Revit disciplines; Architecture, Mechanical, Electrical, Structural & Plumbing. This will provide the student a holistic view of the new work-flow and show how each discipline is dependent on the other for an optimal design.

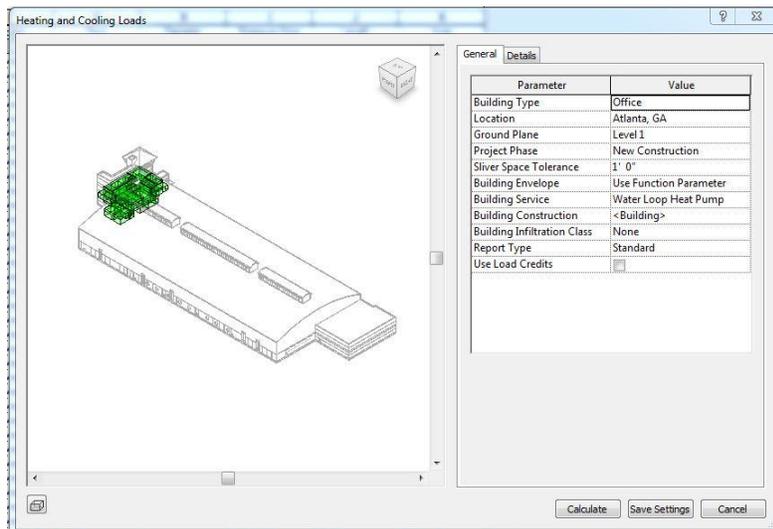


The Course will use sample projects from completed designs to introduce all Revit commands and design features uses 90% of the time on typical project. We will also introduce time saving features such as 2 key commands and initial vertical zoning reservations for each design disciplines so the design process start and finish with coordinated space vertical reserved for each discipline. Throughout the training course the BIM concept will be integrated in the training lecture through examples of adding

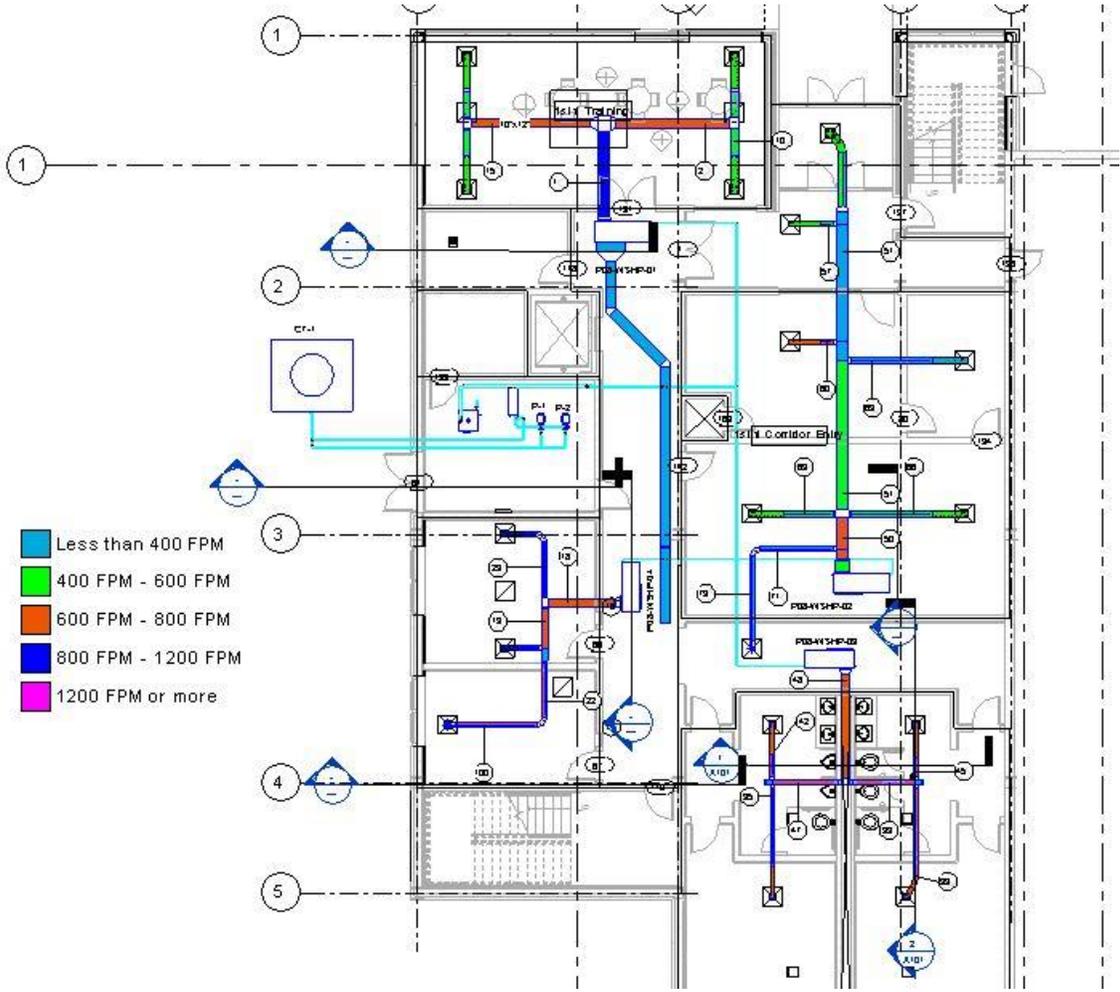
manufacturer data from manufacturer's Revit families to automate the process of creating traditional schedules as well as creating unique schedules that can be used for cost estimating through creation of detail Bill of Materials. The instructor will also show how these Revit families can provide valuable information which can be used during the construction process and also used after construction by the owner for Facilities maintenance & management and continual Retro-commissioning of the building systems.



Revit design features will be covered by the instructor such as the HVAC load calculation portion of the program and how the Architectural and electrical information created through the initial design in Revit can be used to create a coordinated HVAC load design calculation & can provide the initial basis for an energy model of the facility.



The instructor will also show how Revit can also be used to create unique views and color coded schemes to insure design standards are maintained such as velocity through ductwork.



We will also cover producing rendering views such as the one below to increase visualization of unique areas of the facility

