



Victor Ho
Biographical Sketch
“The Future of Existing Buildings”



Victor Ho is a Building Scientist at Chelsea Group, Ltd., a leading firm in building science consulting. Mr. Ho currently lends his efforts on the design team, led by Chelsea Group Building Scientist William Morris.

As part of this team, Mr. Ho assists with the current Queen’s Medical Center Punchbowl Campus HVAC improvement program. His work often focuses on developing as-built drawings of current floor conditions and field verification of any possible design challenges that may arise. Mr. Ho also participated in the investigation and field verification for Chelsea Group client properties QMC West and One Waterfront Tower.

Prior to full-time building science work, Mr. Ho interned at Chelsea Group while he completed his engineering studies at the University of Hawaii. His internship provided hands-on education, learning the process of how the team conducts and documents surveys of existing building conditions, and how to design accordingly. This process includes obtaining precise measurement, developing accurate calculations, following current codes and standards, including the latest versions of ASHRAE Standard 170 for ventilation in healthcare facilities. Mr. Ho has also built his skill base in developing high quality engineering designs using Revit. Most recently, Mr. Ho has been on the team introducing 3D scan and point cloud technology to enhance the quality of Revit-based designs. He played a crucial role in design work on multiple air-handling systems for complex settings, such as the operating rooms present at QMC.

Mr. Ho is a proud graduate of University of Hawaii at Manoa, where he received his Bachelor of Science in the field of Mechanical Engineering.