

Turner Fleischer Architects Inc.

"Autodesk ReCap allows us to capture and explore more information than ever before to assist with the creation of our as-built drawings. Our renovation and expansion projects benefit greatly from accurate models. It is easy enough for anyone in the project team to understand and address solutions. Reality Capture with Revit yields a 325% ROI. For every \$1 spent on reality capture, we saved \$3.25 in project budget."

VIOREL IOSIF,
ASSOCIATE, ENVIRONMENT REPLICATION
TURNER FLEISCHER ARCHITECTS INC.



Turner Fleischer was established in 1974 with the focus on planning, designing, and building multi-family residential projects. As the firm grew and developed over the last 40 years, our concentration shifted towards a stronger base in the commercial sector with an emphasis on the retail market. Now, approximately 70% of our firm's business involves retail related projects with the balance in residential condominium and mixed-use urban development. Our commitment to service, professionalism, and sustainability has helped establish an impressive repeat business rate from the developer sector and from some of Canada's largest corporate retailers.

Results

- Reality Capture with Revit yields a 325% ROI
- For every \$1 spent on reality capture \$3.25 was saved in project budget
- Provided accurate as-built information from confined and hard to access spaces
- Reduced costly rework and decreased project completion
- Enabled collaborative workflows between project teams
- Improved budgeting capabilities by detecting clashes earlier in the design process

ACHIEVED WITH

- Autodesk Recap 360 Ultimate
- Autodesk Revit Architecture 2015
- FARO Focus3D X 330
- Process Steps
 - 63 laser scans
 - Autodesk ReCap Ultimate point cloud processing and coordination with the project team
 - Modeling architectural elements in Revit
- Deliverables: Revit 3D model with linked point cloud