

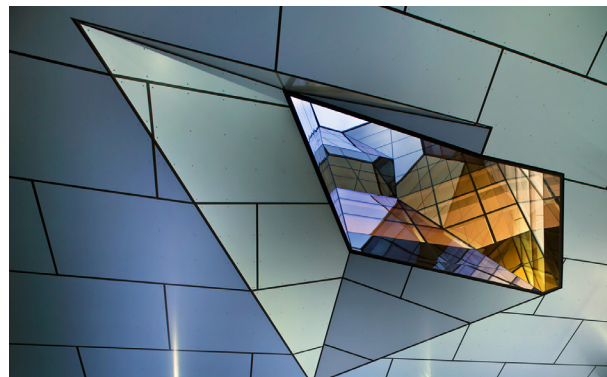
Best Glass & Cladding Engineering Specialists 2023 - British Columbia



Working within the building component industry, Layton Consulting is a seasoned expert with generations of experience behind it. It specialises in exterior cladding, curtain walls, and glass, with expertise in thermal modelling services for fenestration systems to top it all off. Here we learn more as it wins its title in this year's Architecture Awards.

Layton Consulting Ltd. was founded in the humble home office of Professional Engineer, Mark S. Layton, in August of 1994. Mark devoted his time to servicing the growing construction industry within the Pacific Northwest, and in turn grew his company from a single seedling into a respected blooming business that specialized in glazing engineering. Mark's expertise in fenestration and his love of family, friends, and faith guided Layton Consulting to become one of the leading glass consulting firms in the industry today. Sadly, following his sudden passing in 2015, the legacy of Layton Consulting rested on his son Jonathan Layton, and new partners Ivan Chu and Jonathan Adams. Together with their dynamic team, Layton Consulting has climbed to new heights and seized opportunities that Mark could have only dreamed of.

Despite the challenges of a sudden transition, the original values of trust, transparency, and the support of clients have never wavered. The customer-focused business approach that was established at inception remains central to the success of each project and pushes the goal of a continued elevation of value to clients. The team today has nourished and built on the community that Mark started, managing an extensive network of glazing contractors, window and door manufacturers, builders, and architects. Jonathan shares, "We love our communities and appreciate all opportunities to connect, work together, and give back. Throughout everything we do, we remain steadfast in our



commitments to our founding principles of integrity, ingenuity, and interconnection."

Layton Consulting's work can be seen on city landscapes all around the world, with projects in Europe, Asia and throughout North America. With the main office located just outside Vancouver, BC, its primary focus is on the needs and trends of the Canadian Market. Pragmatic engineering practices within the niche field of glazing and cladding materials are coupled with a commitment to upholding each project's architectural vision. This work has been widely recognized as Layton Consulting has received a series of awards throughout the years. We are delighted to share that it now holds the title of Best Glass & Cladding Engineering Specialists 2023 - British Columbia. The challenges faced and overcome have taken Layton Consulting and its team to great heights as it celebrates another well-deserved win.

"We are "YES" engineers: utilizing technology, creativity, and engineering expertise to solve the problems that our clients face."

The engineering services provided cover both residential and commercial glass and façades, specialty glazing, and energy analysis of fenestration systems. The consulting team's expertise provides assurance for code compliance, project specifications and evaluation of end user comfort and safety. To offer the best results, Layton Consulting has integrated proprietary procedures, technologies, and software systems to improve design efficiency. In essence, Layton Consulting has all the insight necessary to aid its clients in their success, every time.

The team has supplied its engineering knowledge to fenestration products utilized in key infrastructure development. Projects include major airport expansions, transit hubs, retail complex's, museums and libraries, universities and schools, stadiums, concert halls, hospitals, and a myriad of residences and towers. In addition to pursuing patron satisfaction through comprehensive glazing engineering design, Layton Consulting's team also conducts third party verification, and failure investigations.



Moreover, given that around 45% of household energy costs are related to heating and cooling, implementing the right windows and doors can have a huge effect on the energy cost of a building and therefore its emissions. Since the new leadership team has been in place, energy efficiency has become a key focus in the work that Layton Consulting carries out. As an NFRC (National Fenestration Rating Council) certified simulation laboratory, Layton Consulting is no stranger to energy performance. They are well-versed in energy saving through windows, doors, and skylights, which guarantees better results for all.

Layton Consulting has a team of simulators who conduct thermal analyses on all types of windows and doors at all stages of development and construction. It works with manufacturers in pursuit of NFRC or CSA certifications, aiding glazing companies who need to provide the thermal performance of their products. Additionally, the team works with architects and general contractors at design phases to achieve a site-specific thermal performance calculation, as well as property owners

and municipal officers who are looking for overall thermal performance verification. This enables its team to specify appropriate windows and installation methods that meet the top standard available within each community.

No matter what challenges Layton Consulting has faced over the years, the team bands together to execute their goals and shine brightly. Jonathan says, "We evaluate, reorganize, stick together, and make it through. We are a story of resilience." The combined commitment to the business, the team, and their clients propel the firm forward year upon year, regardless of the roadblocks that may appear. Its adaptability and passion are inspiring, and its growth is fantastic to see. We are sure that the rest of 2023 will bring even more of a glow to Layton Consulting.

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