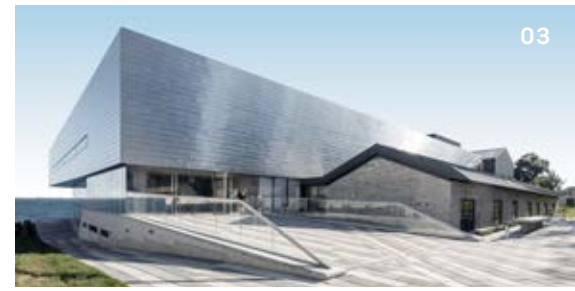


**Strong,
stable and
enduring**

**Buildings/
Structural Engineering**



wsp



Collaborative approach, exceptional results

For societies to thrive, we believe that we must all hold ourselves accountable for tomorrow. At WSP, we plan, design, manage and engineer buildings and structures that will stand the test of time. We exist to future proof our cities and environment and are willing to push the boundaries to find creative solutions to the challenges of tomorrow.

WSP provides comprehensive and leading-edge structural engineering services for all building types within all sectors. We strive to understand your vision and goals, closely working with you from conceptual design through to completion of construction. With a coast-to-coast national portfolio of award-winning projects, we provide the expertise required to effectively address the particular challenges of complex buildings, including issues such as seismicity and base isolation, wind induced acceleration and damping, vibration, blast resistant design and buildability.

Our integrated, multi-disciplinary design teams draw upon an extensive array of in-house skills, expertise and technologies that are available across the firm. Working alongside our mechanical, electrical, sustainability, façade and security experts, our structural engineers are fully engaged in the integrated design process, asking the questions that challenge the team to develop the best solutions for our clients. Our engineers are empowered to deliver holistic design solutions that not only meet the needs of today's user but also meet future-ready requirements.

WHY WSP?

From new design-build developments to additions and renovations, WSP has the expertise and experience to deliver the right solutions.

Locally dedicated with international scale

With offices in all provinces and many cities and towns across Canada, we offer access to local engineering services to suit our clients' needs. Supplemented by a wealth of global experience, we provide industry-leading expertise gained from years of delivering projects within our local communities. WSP's long list of award-winning projects is a testament to our firm's innovative thinking and commitment to our clients' success.

Solutions aligned to client requirements

Drawing upon our vast databank of knowledge and experience, we strive on every assignment to combine creativity and collaborative working principles to achieve program, cost, quality and aesthetic objectives.

Skills and experience backed by innovation and technology

Using state-of-the-art analysis tools and building information modelling (BIM) technology, we combine our considerable understanding of building materials and structural framing systems to rapidly and comprehensively explore design options, providing our clients with solutions that are optimized for their project requirements. At WSP, we are future-focused and like to challenge the status quo. We constantly invest in new technologies and workflows that will create value for our clients.



Services

SERVICES AND PROJECT DELIVERY METHODS

Planning

Design

Construction review

Peer review

Integrated project delivery (IPD)

Design build

Fast track

Alternative finance and procurement (AFP)

Public-private partnership (P3)

SPECIALTY DESIGN AND ENGINEERING

Seismic retrofit

Heritage structures

Advanced geometry

Performance-based design

Security and blast design

Forensic engineering

Structural glass design

Wood and timber engineering

Material performance testing

Sectors

Commercial

Cultural

Education

Government

Healthcare

High Rise

Hospitality

Industrial Buildings

Master Planning & Urban
Development

Mission Critical Facilities

Residential

Retail

Science & Technology

Sports & Stadia

Tenant Interiors

Transport Buildings

Cover / Bridgepoint Active Healthcare, Toronto, ON

01 / David Braley and Nancy Gordon Rock Garden, Royal Botanical Gardens, Hamilton, ON

02 / Surrey Works Yard, Surrey, BC

03 / Isabel Bader Centre for the Performing Arts, Kingston, ON

04 / Humber River Hospital, Toronto, ON

05 / La Capitale Head Office, Quebec, QC



WSP™ is one of the world's leading professional services consulting firms. We are dedicated to our local communities and propelled by international brainpower. We are technical experts and strategic advisors including engineers, technicians, scientists, project managers, planners, surveyors and environmental specialists, as well as other design and program management professionals. We design and deliver lasting solutions in the Buildings, Transportation, Infrastructure, Oil & Gas, Environment, Geomatics, Mining, Power and Industrial sectors as well as project delivery and strategic consulting services. With over 7,500 talented people across Canada and 36,000 globally, we engineer projects that will help societies grow for generations to come.

