

Our performance is reality. Our guarantee is results.

Your partner in engineering services with a difference...



WESATYN



Professional Engineers
Ontario

Authorized by the Association of Professional Engineers
of Ontario to offer professional engineering services

Engineering and Design

Wesatyn Inc. brings together an experienced team of professionals who design and deliver innovative and practical solutions. We understand that our customer's needs are diverse and challenging, hence we leverage ideas and best practices through a network of strategic alliances.

We provide a complete range of structural and mechanical services. These include design-built commercial, multi-residential, industrial, institutional and infrastructure development projects to base building structural evaluation, mechanical equipment retrofits, energy conservation measures, automation, electric/utility mapping leading to building restoration and rehabilitation.

Structural Engineering Services

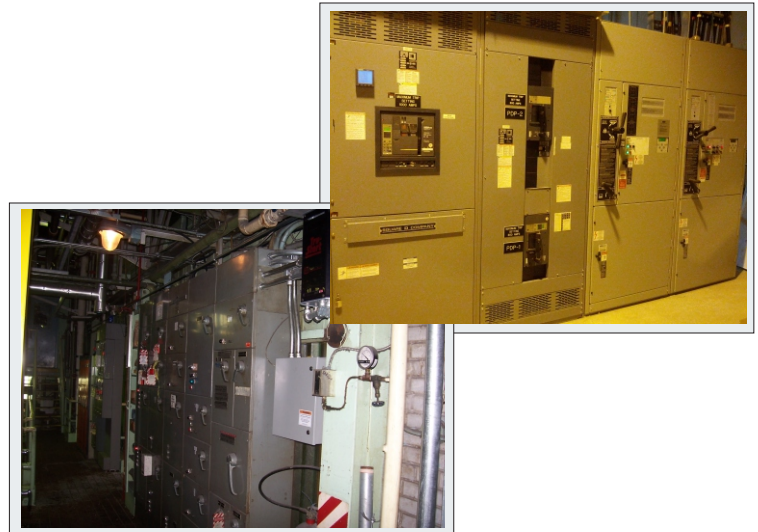
- Structural Steel
- Reinforced Concrete Design
- Timber Design
- Masonry
- Structural Audits
- Structural Repair and Restoration



Historical relevance

Mechanical Engineering Services

- Heating, Ventilation and Air-conditioning systems
- Hot water & Steam Boiler systems
- Chilled-Water Systems for Air-conditioning
- Process Refrigeration
- Building Automation Solutions
- Computer rooms and specialty spaces
- Process Automation and RFID solutions
- Energy conservation projects



Electrical and Utility Services

- Realignment of electrical distribution system
- Power study
- Power factor and harmonics correction
- Digital power monitoring
- Quality control on complete datasets
- ArcGIS, Spatial analysis, Geocoding and Metadata
- Complete AutoCAD support for drawings
- Developing as-built drawings using AutoCAD
- Complete project cost analysis



Teamwork...Innovation...Efficiency

Wesatyn Inc. was founded with a vision of optimizing the symbiotic relationship between the client and the company. We have developed a network business model that leverages the strength of our company and our strategic alliances, in order to provide the client with the best possible business solutions. Our consultants evaluate the core skills required for a project and assemble an experienced and balanced team of professionals dedicated to the project. Each project is allocated its' business team leaders and engineering team leaders, who work closely with the project team.



Boiler and Chiller replacement with new automation.



At Wesatyn we are committed to providing our clients with innovative and practical engineering solutions that meet their requirements. From concept to design we review a number of different ideas. Following the review we meet with our clients and decide to pick one and commence with the design. With short turn-around times for design and client-friendly cost, our clients always have a reason to come back to us. We understand the need to develop detailed plans and project schedules. We look at infinite possibilities when developing finite objectives, which impact the overall cost and viability of the project.

Every project starts with a clear objective to reduce energy usage. The design team ensures that it has a comprehensive understanding of the energy allocation in the facility and develop plans to target the energy efficiency strategy right upto the final deployment and commissioning of the project.

Our Energy Management Programs analyze and identify measures that eliminate energy waste, improve efficiency and provide turn-key **energy saving solutions** that guarantee cost savings and increased profits.

Wesatyn brings together over 30 years of experience in the area of design, retrofit and upgrades to base building structure, mechanical systems, lighting, automation, building sciences and operating efficiency. Our designs incorporate energy efficiency in every project. Reducing total ownership costs and increasing asset value are the hallmarks of our team.



Garage Lighting Review



Roof Top HVAC unit replacement and automation



Energy Conservation

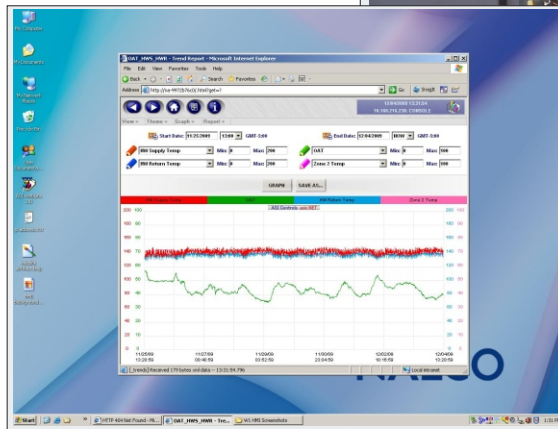
Pursuing value-based solutions, our consultants and engineers utilize their collective expertise and best practices to develop designs and solutions that are specific to our clients' needs.

Our design built solutions reduce cost, improve efficiencies, follow strict environmental guidelines, and deliver leading-edge solutions to our Industrial, Commercial, and Institutional clients. As a result of these initiatives, we help our clients optimize their energy consumption year after year.

We believe that every individual and organization must strive for energy conservation. Wesatyn collaborates with manufacturers who participate in the Energy-Star program. We have a mandate to help businesses and individuals reduce energy consumption and protect our environment by implementing energy efficient projects. We are committed to educating our clients about energy saving opportunities and the benefits of technology based solutions.

Energy Conservation measures include:

- Lighting Design Reviews
- Lighting and Lighting Controls Retrofits
- Building Structural and Envelope Analysis
- Cooling and Heating Load Reviews
- Boiler Systems Design and Installation
- HVAC Design and Installation
- Geothermal Heating and Cooling Systems
- Chiller Upgrades and Retrofits
- Building Automation Systems (BAS)
- VFD for HVAC Application
- Steam Plant Audits
- Solar Power Systems
- Wind Power Systems
- Reducing electricity of Motors



Talk to us about our LEED programs.

* Projects profiles listed are representations of the work experiences of our engineering staff in their capacity as professionals and is not intended to take away the credits and rights of firms involved in the design.

For more information or to answer your questions contact:

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