

Giving Health Care Facilities A Green Bill of Health

Developers of New Health Care facilities have a significant opportunity if they embrace green design practices. They can now create facilities that better support the healing process by providing excellent indoor air quality and access to daylight and the outdoors. They can create energy efficient buildings that shift expenditure away from building operating costs and into patient care. Halsall's integrated design process and energy simulation skills have facilitated this kind of design success at key Ontario Health Care facilities.



Green Guide for Health Care

Green Guide for Health Care (GGHC) is a self-certifying rating system developed in the US that provides a toolkit of best practices for the design and operation of new high performance healing environments. Halsall has used this system to support the integration of sustainability in existing healthcare facilities.

LEED for Health Care (HC)

Currently in pilot in the US, this new certification system has been developed by building on both LEED New Construction and GGHC. Halsall's knowledge of LEED HC and experience in developing and implementing other LEED systems has allowed us to guide design teams through the development of new hospitals.

Featured Projects

Bluewater Health Centre in Sarnia, Ontario. Halsall is providing structural engineering and sustainable design management on this \$115M hospital project, which includes renovation to the existing building and a 250,000 sf addition. Our client's vision is to create a facility that helps redefine the community as a great place to live and work. This leading example of green design in the health care sector is being realized through our integrated design process.

MaRS Phase II, located in the aptly named 'Discovery District' of downtown Toronto, and touted for its innovation in bringing business and medical science together, is making sustainable design a priority. Halsall, is the sustainability consultant for this new mixed-use 20-storey building. We are managing the LEED®- CS Certification Process and helping the design team to maximize building energy performance through building simulation modeling.



Halsall and LEED

Halsall has a long-standing relationship with the USGBC and the CaGBC. Recently our Green Building Team was selected to develop the LEED® Canada for Existing Buildings (EB).

Having intimate knowledge of the LEED EB process permits Halsall's Green Building Team to better assist health care managers to maximize the facility's value and to offer a healthier living environment for users. Our input helped create a competitive advantage for attracting new and talented staff and fostering positive community relations.

Team Profiles

Doug Webber P.Eng., LEED AP

For the past 15 years Doug has helped clients turn their sustainability initiatives into green realities. During this time he has built, managed and designed leading green building projects. Currently he is the Green Building Practice Leader at Halsall and Chair of the Canada Green Building Council Greater Toronto Chapter. Doug was instrumental in bringing green building and LEED to the Ontario market.



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Susana Saiz Alcazar M.Arch., M.A.Sc., LEED AP

Susana's passion for the environment has lead her to make sustainability her life's goal. Her integrated design approach, helped by degrees in Architecture and Engineering brings the client's needs into a multidisciplinary dialogue aimed at achieving the most responsible solution for every project.



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