



GEOFF CANNON

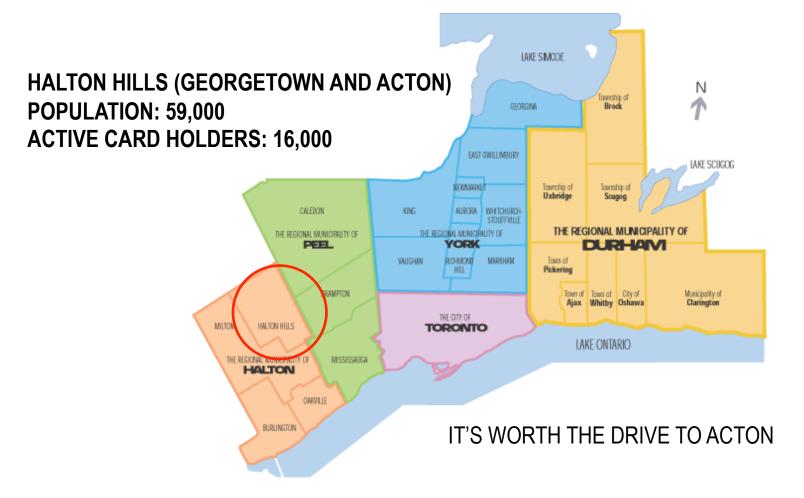
Deputy Director of Library Services



STEPHEN BLOOD KYLE NICHOLS

Chamberlain Architect Services Ltd.

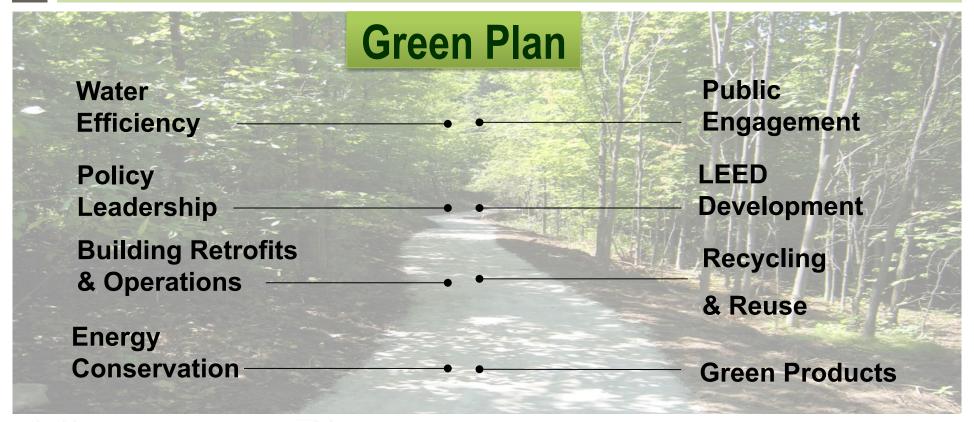








Long Standing Commitment



Library as a Place



Focus: The Corporation

- Conservation policies
- Development standards
- Anti-idling policy
- Energy performance
- Rain barrel incentive
- LEED standards
- E-meetings
- Renewable energy
- Green procurement
- Sustainability Coordinator

Library as a Place



Old Acton Branch



- Built in 1967
- 3700 Square Feet
- Not Accessible
- Limited Natural Light
- Insufficient Space collection and study
- Not Energy Efficient

Library as a Place



New Acton Library



- Infrastructure Stimulus Fund
- Price tag: \$4.1 Million
- 9000 Square Feet

Library as a Place

ACTON LIBRARY









Library as a Place

ACTON LIBRARY









Library as a Place

ACTON LIBRARY









Library as a Place



"Unless someone like you cares a whole awful lot, nothing is going to get better. It's not."

- Dr. Seuss, from The Lorax





GREEN DESIGN



HOW DID WE GET THERE



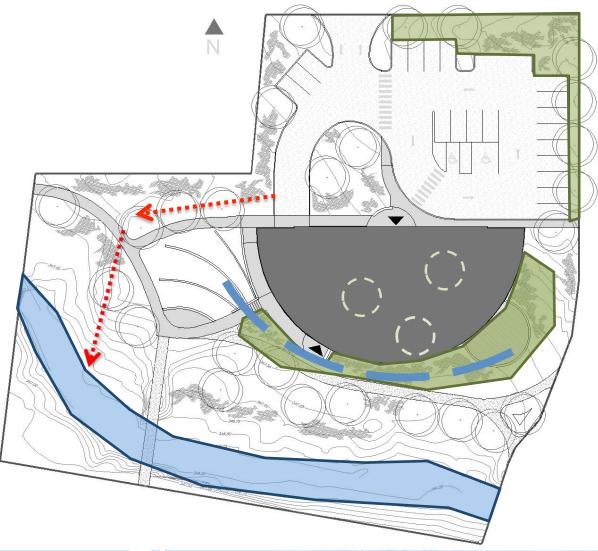


A PROCESS involving the Owner, Architect and Constructor, IPD combines the talents, experience and knowledge of all parties to ensure measurable project success



Library as a Place





Library as a Place





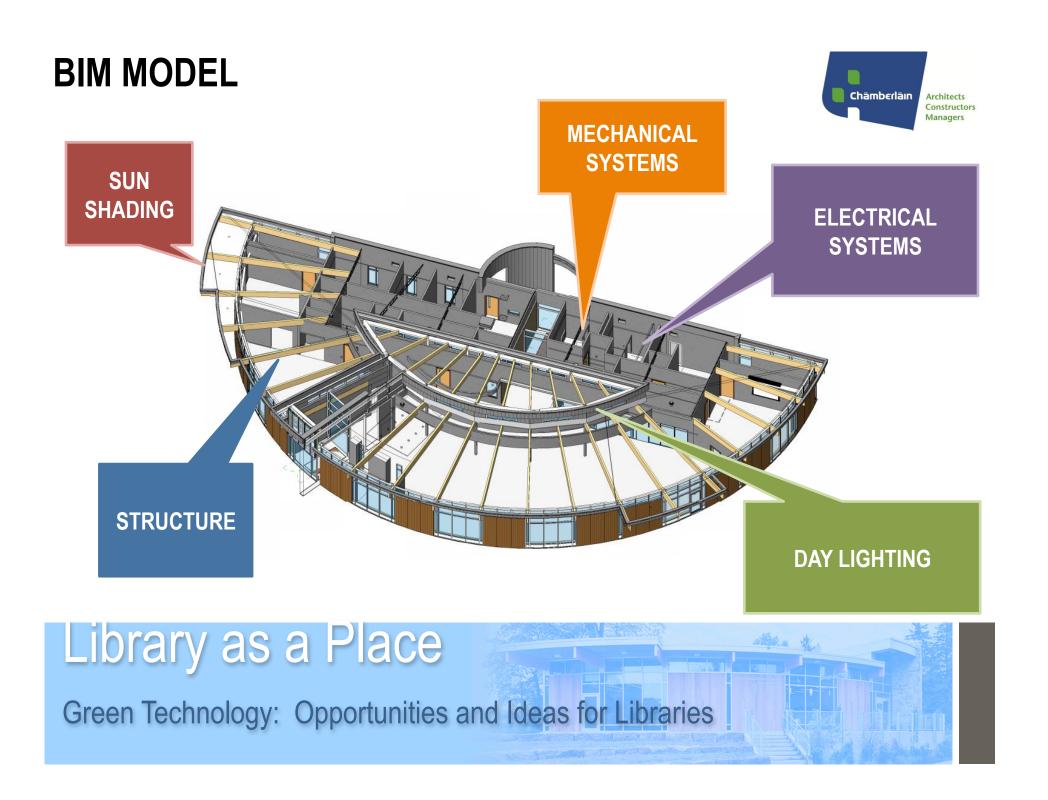
Library as a Place



BIM = A PROCESS involving the generation and management of digital representations of physical and functional characteristics of a building

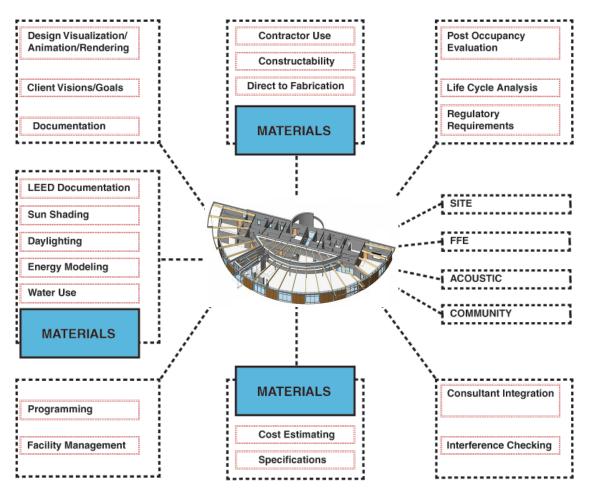


Library as a Place



BIM - EMBEDDED INFORMATION

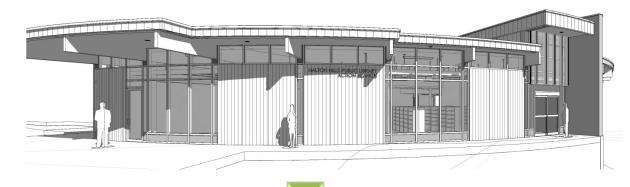




Library as a Place

BUILDING MODEL





BUILDING



Library as a Place



GREEN INITIATIVES



HOW DID WE GET THERE





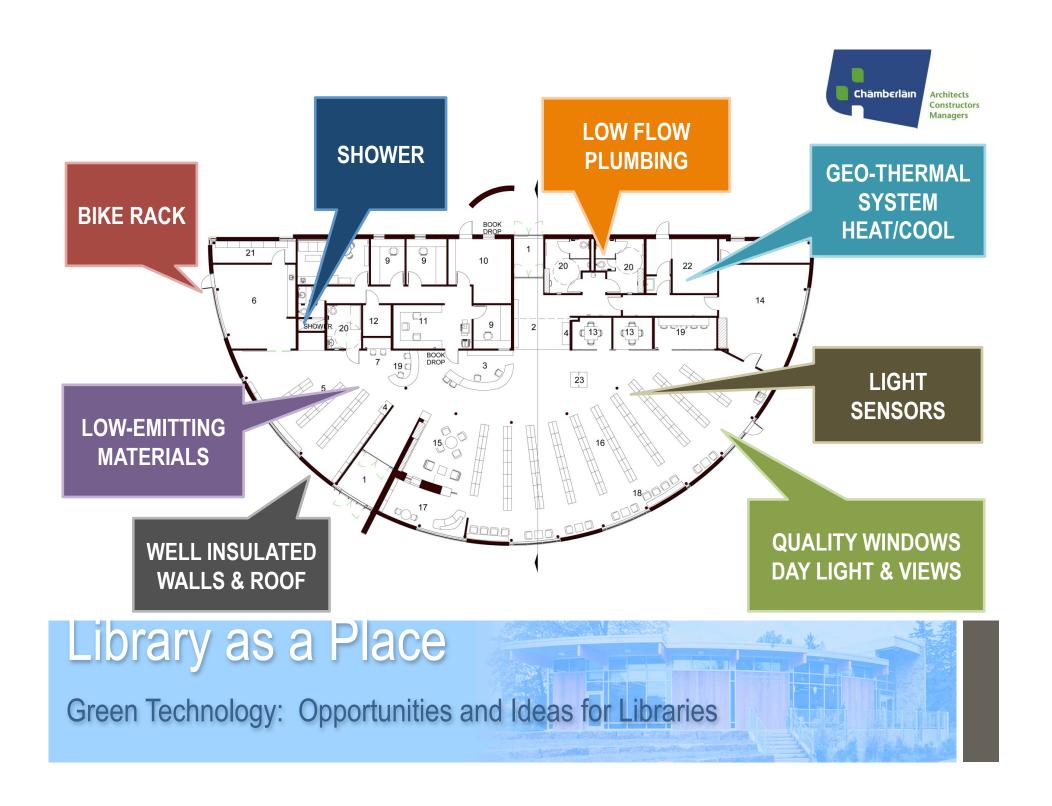
GREEN BUILDING=

A RESPONSIBILITY involving the advancement of green building and sustainable community development practices in Canada



LEED= A PROGRAM that sets a benchmark for the way built environments are designed, constructed, and operated

Library as a Place



CONSTRUCTION









Library as a Place





It saves energy.

We have reduced energy consumption by 55% with automatic sensors for lights. Now, we only use them when we need them.

Library as a Place





It's water efficient.

Thanks to low flow fixtures we use 40% less water. Plus, the plants chosen in our landscaping thrive on rainfall alone.

Library as a Place





It has a low carbon footprint.

We use geo-thermal energy to heat and cool this building. This saves money and reduces carbon emissions.

Library as a Place





It's a healthy space.

We used low VOC (Volatile Organic Compounds) materials in our carpet, paint and adhesives. Everyone can breathe a little easier.

Library as a Place





GOAL

ACHIEVEMENT

Library as a Place





GOAL

ACHIEVEMENT

Library as a Place

ENERGY SAVINGS %59





INDOOR WATER SAVINGS %42



RAW MATERIALS SAVINGS %16



LEED® Project Facts

Gross Floor Area: 854 (m²)

Energy Density: 172 (kWh/m²)

Category	% Performance	
Water Savings		
Irrigation	100	%
Indoor Use	42	%
Energy Savings	59	%
Waste Diversion	92	%
Recycled Content	16	%
Regional Content	28	%
Daylighting	87	%

LEED® Gold



Library as a Place



HALTON HILLS PUBLIC LIBRARY
A World Within Our Doors



STEPHEN BLOOD sblood@chamberlainIPD.com 905-631-7777 Stephen x259

GEOFF CANNON

geoff.cannon@haltonhills.ca 905-873-2681 ext. 2513

www.hhpl.on.ca

KYLE NICHOLS

knichols@chamberlainIPD.com 905-631-7777 Kyle x226

www.chamberlainipd.com