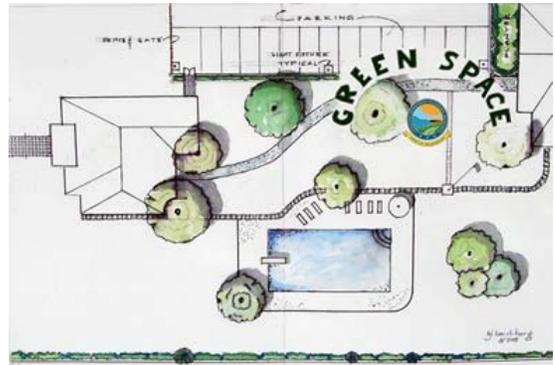


# GreenSpace - Cascade Residence designed by the Paul Raff Studio

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This is the Cascade Residence designed by the Paul Raff Studio. It is located in Toronto, Canada and the full article appears in the April 20, 2009 edition of Green Source magazine.

Green and sustainable features in this design include:

- Passive solar design is used throughout the house.
- The exterior of the residence is built of Structural Insulated Panels (SIP). Conventional wood stud walls are used on the interior.
- The main volume of the house is designed on an East-West axis. There is a large amount of glazing on the south facing elevation to maximize daylight entering the residence.
- Sunshine from the south elevation strikes a solid masonry wall wrapped in slate creating a thermal mass for the residence. The thermal mass from that wall, combined with radiant in-floor heating, moderates nighttime temperatures.
- Automated shades, passive ventilation, and the site's older deciduous trees cool the house during the summer.
- Sustainable tongue and groove bamboo flooring covers the second and third floors.
- Bamboo veneer millwork is used throughout the house.

