

CASE STUDIES

SonBuilt Residential Development: Custom Residential Rainwater System

Largest StormStop residential rainwater harvesting system installed in Canada



As part of the R-2000 Net Zero Energy Home pilot project by Natural Resources Canada, SonBuilt Custom Homes Ltd, and University Sprinklers have successfully installed the largest residential GRAF rainwater harvesting system in Canada. The nine 1,700 US gallon GRAF Carat tanks from BARR were installed belowground, connected together for a maximum storage capacity of 15,300

gallons of rainwater via a downspout. The rain collected will be used for a variety of basic home and landscape needs, including irrigation, vehicle washing, flushing toilets, and running laundry. Similar projects under the Net Zero Energy initiative are expected to take place in the near future for approximately 20 other homes across Canada.



Want to get serious about sustainability through rainwater harvesting? BARR is the Canadian distributor for cost-effective and versatile GRAF systems. Check out our GRAF rainwater harvesting systems on our website: <http://e-barr.com/barrRHW>

Project Team

Supplier: BARR Plastics
Designer: Sonbuilt Homes
General Contractor: Sonbuilt Homes
Installer: University Sprinklers

Specifications

R2000, Net Zero Energy Home

BARR Product

GRAF Carat Storage Capacity 1700 USG x 9 tanks in series



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1.800.665.4499
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