THE BILL FISCH FOREST

STEWARDSHIP EDUCATION CENTRE

Charles Marshall, DIALOG
CREATING A LIVING BUILDING IN THE GTA

The Bill Fisch Forest Stewardship Education Centre

York Region + DIALOG
KEW BEACHOUSE

Brian Lee, The Ideal Environment / Brian Lee Architect
Kew Beachouse, Toronto Canada
LEED Platinum Condominium

www.theidealenvironment.com
ZERO RUNOFF

*55%* of site rainwater reclaimed & reused

*97%* of site reclaimed or absorbed

Site Plan

Kew Beachouse, Toronto Canada
LEED Platinum Condominium

Green Roof on Garage

the ideal environment
www.theidealenvironment.com
SUPERIOR BUILDING ENVELOPE

- R60 ROOF INSULATION
- TRIPLE PANE SOUND REDUCTION WINDOWS. HIGH PERFORMANCE GLASS REDUCES HEATING & COOLING LOAD BY 50%
- R30 FOAM & BATT INSULATION WALL ASSEMBLY
- R10 INSULATED BASEMENT FLOOR
- R20 ICF BASEMENT WALL WITH HIGH FLY ASH CONTENT

Kew Beachouse, Toronto Canada
LEED Platinum Condominium

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COMPACT HIGH EFFICIENCY HVAC

On Demand Water Heater for Heating and Hot Water

Kew Beachhouse, Toronto Canada
LEED Platinum Condominium

Compact Air Handlers for Low Heating and Cooling Loads

theIdeal Environment
www.theidealenvironment.com
WATER RECLAIM SYSTEM

- ALL RAINWATER COLLECTED FOR REUSE IN TOILETS & IRRIGATION
- RECLAIMED WATER SUPPLIED TO ALL DUAL FLUSH TOILETS & HOSE TAPS
- DOWNSPOUTS CONNECTED TO UNDERGROUND 5,000L TANK WITH CITY & GROUND WATER BACKUP
- GRASS FREE DRIP IRRIGATION USES 45% LESS WATER

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LEED Platinum Condominium

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585 KING STREET EAST
WEST DON LANDS

Anna Kazmierska, WSP | MMM Group
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49% Energy Savings
Water Efficiency