Enviro-Stewards of Elmira, Ontario just completed a 2,500 square foot renovation to double their office space on the third floor of a 100-year old furniture factory. Having outgrown their existing space, the environmental consulting firm found opportunity for expansion into the adjacent space. President Bruce Taylor set out to preserve as many historical features as possible, including an exposed brick wall and structural steel beams; he also repurposed the 100-year old windows into interior office walls. Energy efficient windows and a bank of standing desks bring the space into the 21st century.

In terms of providing improved air quality and energy conservation, Enviro-Stewards installed a Nedlaw Living Wall Biofilter. During renovations, the team integrated the biofilter into the new HVAC system to provide clean air directly to the offices. The 5’ x 6’ biofilter not only provides virtual outside air to the space, it will also reduce energy costs by reducing fresh air intake requirements. A rain barrel collects rooftop rainwater to feed the hydroponic wall.

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