

Jackie Morris *(Canada)*

Jackie is a welding technologist with involvement in training in welding skills at Conestoga College of Technology and Advanced Learning in Ontario, promoting careers in welding to a diverse range of people. Between inspiring future tradesmen and running one of the College's many welding sites, she enjoys creating welded art.

Her exhibit focuses on SDG 15 "Life on Land" which has its primary aim to protect, restore, and promote the sustainable use of terrestrial ecosystems.

This innovative artscape features a large steel drum transformed through plasma cutting, creating an intricate design that seamlessly blends nature and artistry. The centre piece is an elegantly depicted oak tree, symbolizing strength and resilience, with delicate animal tracks winding around its base, evoking a sense of wildlife and natural harmony. Then around, a beautifully detailed sun and sky-scape brings the scene to life, capturing the essence of our delicate ecosystems.

Atop the drum, a half-barrel functions as a vibrant garden basket, where the seeds Jackie and her family planted are waiting for the perfect combination to help them germinate to then thrive and grow.

A central canister through the garden basket serves as an inlet for the main stainless pipe, which elegantly transitions into a flower with a protruding stamen, designed to capture rainwater yet filter out large debris. This water flows down past the garden, directing runoff into a reservoir below. Natural fibre ropes or wicks are strategically placed in the reservoir and garden to enhance moisture distribution and retention in the gardens soil.

This modular system is easily movable by an individual with the aid of a dolly trolley. It embodies sustainable urban farming principles. It aims to empower families to grow their own produce, reduce reliance on industrial farming, and promote local, nutrient-rich food sources through good seed genetics and conscientious soil care.

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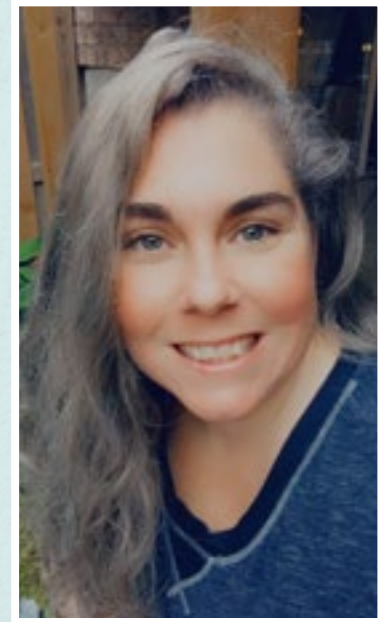
Exhibit "Roots Required"

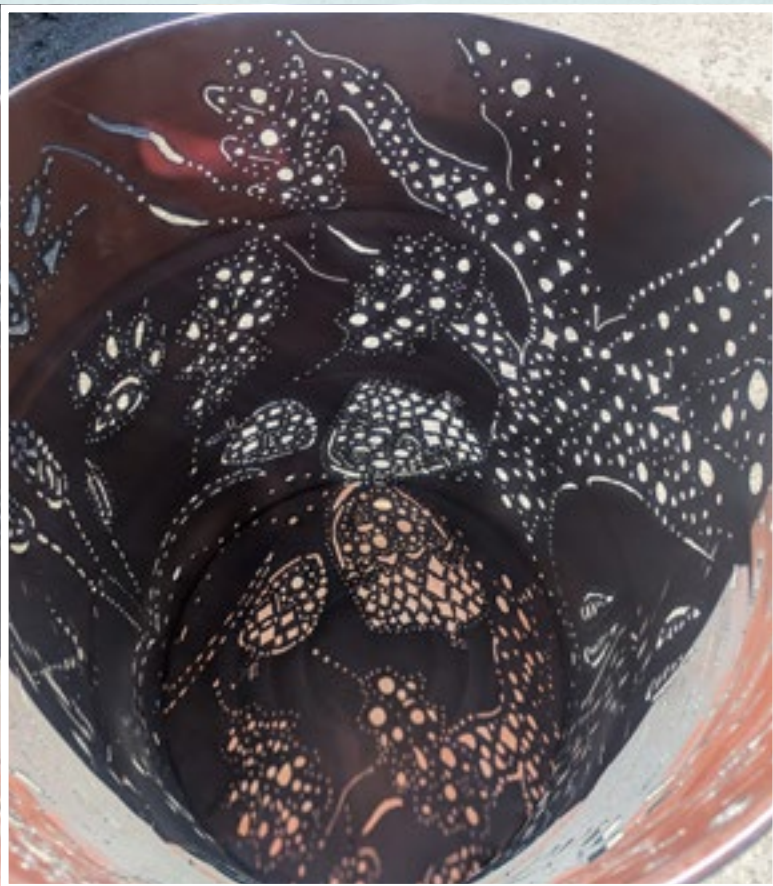
The exhibit used reclaimed galvanised steel sheet, stainless pipe, an electrode container canister, a barrel and a half, a barrel ring, components from an old school desk, a couple of rings from an old tractor exhaust stack, candle holder and old garden art reinvented.

Processing applications used included Plasma Arc Cutting, FCAW, GMAW, angle grinder and hand tools, hammer, anvil and a vice.

Dimensions of Exhibit

60 cm diameter x 222 cm high





Roots Required
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