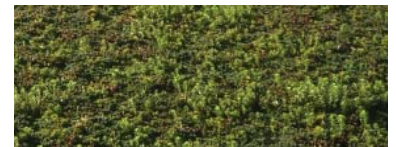
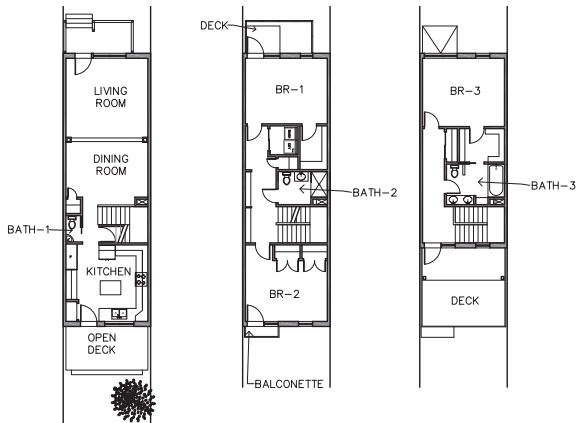


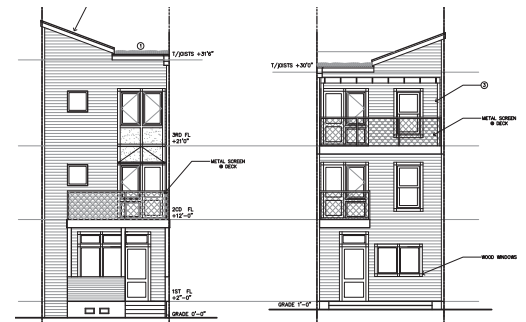
Rethinking the Baltimore Rowhouse:

The Rowhouse is designed to be a Net-zero Energy, 3-story residence that features open and generous living spaces, three bedrooms, 2.5 baths, and an optional basement. The design reduces carbon footprint by employing wood framing, integrated solar panels on the roof, on-site stormwater management via the green roof and rainwater collection system.



Each unit incorporates a 2.8 kW PV solar array on half of the roof which gives the front façade its distinctive profile while supplying clean energy to the home. The flat part of the roof supports a green, vegetative roof for on-site stormwater management and improved insulation value. Rainwater is recycled on site for use in flushing toilets, irrigation and recharging ground water through pervious paving. The fairly compact footprint allows access to outdoor living spaces in the open rear yards, and through the front porch and decks off of each bedroom.

Units are designed in modular dimensions, and use “Advanced Framing” technologies to reduce material use and lower the carbon footprint of the house. Panelized construction will enable less material waste. A durable prefinished hardwood “rainscreen” cladding is proposed for much of the exposed exterior walls.



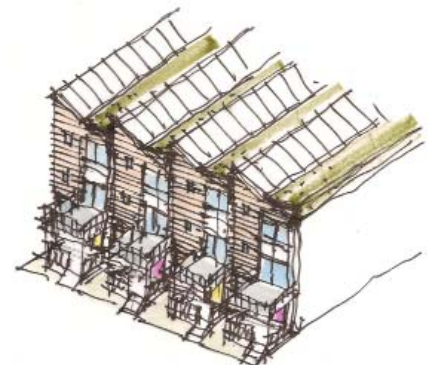
The design is adaptable for single family or a mixed occupancy of single professionals; multiple units on a single block or scattered site infill; and has an optional basement design that can be additional living space or a rentable walkout apartment.

Project designed by Team TerraLogos for the Baltimore Carbon Challenge competition.

For more information, contact:

- **Kim Schaefer** 410.276.8519 or kims@terralogos.com

- **Peter Doo** 443.463.5859 or peter@dooconsulting.net



TERRALOGOS
ECO ARCHITECTURE, PC

