

Adaptive Habitat

A VERGE PERMACULTURE
SITE

RESILIENT HOMES, ACREAGES & FARMS

403.605.4695 info@adaptivehabitat.ca

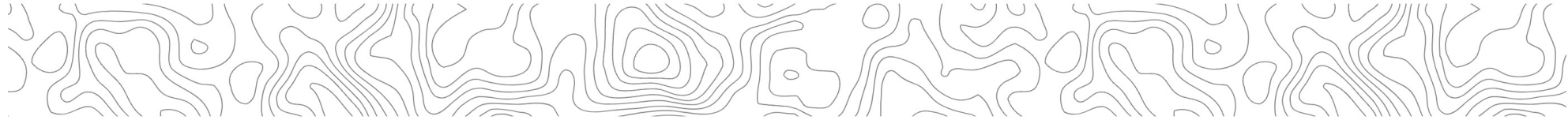


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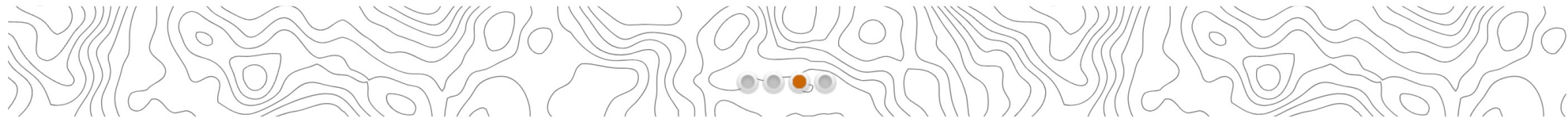


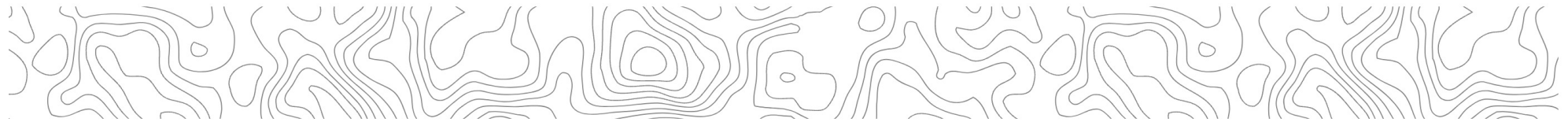
**Create an enduring asset: a home integrated within a thriving ecosystem to
provide shelter, energy, food and water for generations to come.**



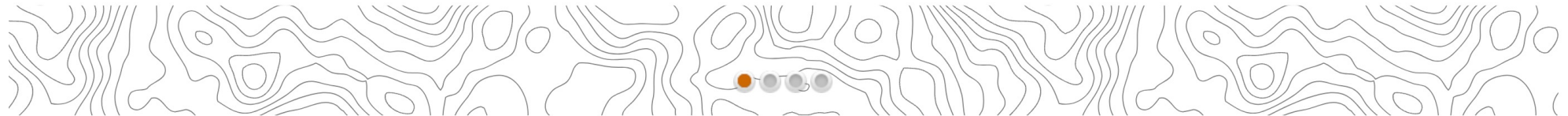


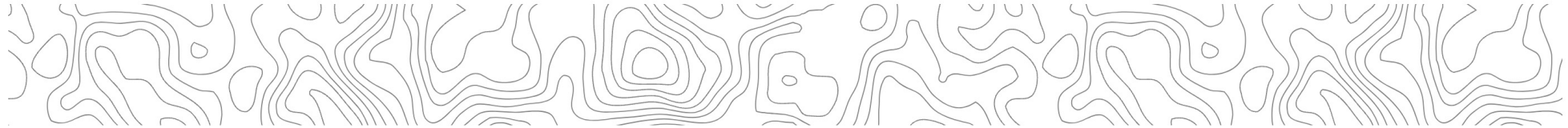
**Development consultants you can trust: we listen and advise
without an agenda or contractor's incentive.**



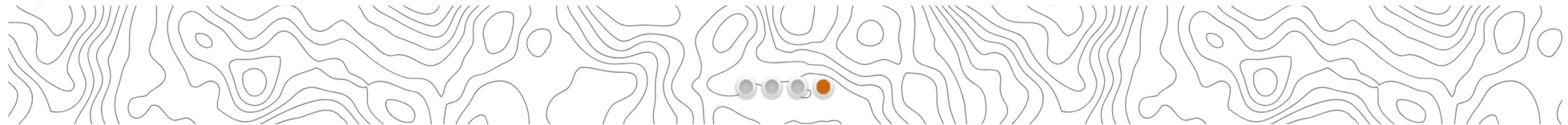


**Our work is unique: no other firm designs eco-efficient, resilient properties
to integrate with restored, productive environments.**





Centre your investment portfolio on tangible, stable, land-based wealth.





Resilience?

Why invest in resilience?

There's no denying it: **social, economic, climatic and environmental indicators warn of uncertain times ahead**. But while some advisors may recommend investments far afield, here at Adaptive Habitat we offer practical solutions close to home.

We believe that **high-performance properties that merge shelter, water, renewable energy, and food** with revenue generation, community development, and ecosystem and wildlife habitat restoration, provide a secure and lasting source of land-based wealth. Tangible wealth that employs and restores nature's healthy local abundance rather than relying upon fluctuating markets and currencies.

Properly managed, **this natural capital can become the living heart of your investment portfolio**. A dynamic, self-sustaining and diversified asset firmly ensures your personal autonomy and resilience, enabling you to thrive no matter what.



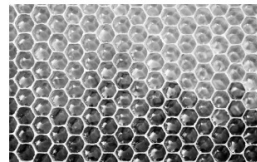


How We Work

Adaptive Habitat combines **informed observation, rigorous analysis, and innovative technology** with environmental consciousness to create resilient, **high-performance homes and farms**. Homesteads that leverage and interact with the environment in which they're built, producing their own energy and food, **harvesting and storing water**, cycling nutrients, and **restoring the surrounding ecosystems**. Living treasuries of natural capital that enable you, and your environment, to thrive no matter what economic or climatic changes may come.

As ecologists & engineers, we collaborate with you in a four-part advisory process that can extend all the way from site evaluation and purchase through design implementation and ongoing support:

☐ Strategy



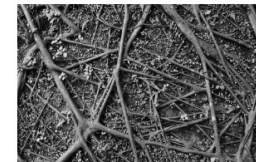
Strategy

Integrate your goals and our analyses into a holistic framework for a clear vision of the site's features and potential.



Concept Planning

Create a comprehensive concept plan that distills complex systems into a clear and practical roadmap for project development.



Project Management & Detailed Design

Guide you through successive options and design details, manage subcontractors; track and expedite progress.

Support

Provide ongoing evaluations, adjustments and management as the living ecosystem on your property grows and evolves.



ADAPTIVE HABITAT

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Our Expertise

As engineers and ecologists, with 20 collective years in practice as design consultants and project managers, Adaptive Habitat offers a perspective and range of services unique in the market. We have the scientific, technological, environmental and management credentials to direct a complex, multidisciplinary project from site analysis to project planning, through to design, implementation, and ongoing support as your property's engineered ecosystem continues to evolve.

We cut through complexity with established and proven processes, uncovering the unknowns, clarifying your goals, and implementing them through time-tested technologies to yield a beautiful and resilient human habitat within a healthy, productive and biodiverse ecosystem.

We have developed a proven, multidisciplinary suite of tools to develop and maintain these properties:

Adaptive Water Planning



Adaptive Water Planning

Analyzes the sources and patterns of water flow across your site to deliver a custom security plan encompassing risk assessment, passive collection, and overflow management. We employ proven processes for land-shaping, infiltration, wetland restoration, watershed management, and rainwater capture and distribution.

Adaptive Building Integration

Transforms the (re)design and construction of your home into an exciting and enjoyable advisory process. Listening to your concerns and working with you as an unbiased, trusted guide, we identify and analyze your goals, budget, building end-use, and site conditions, to help produce a high-performance home that interacts with and leverages its surrounding environment.



Adaptive Land Design

Brings an integrated agroecology system to life on your property, and improves upon your site's natural resources with systems-thinking approaches and proven, multidisciplinary practices such as soils assessment and rehabilitation, nutrient cycling, ecosystem engineering, and agroforestry, livestock and wildlife management systems.



About Us

Leveraging their **20 years of combined experience** in engineering, project management, ecological design and sustainable technologies, **Rob and Michelle Avis** launched Adaptive Habitat in 2015 – a unique and leading edge property design and management company.

As skilled Professional Engineers, they offer a depth of practical expertise in **building science** and **appropriate technology** (solar, wind, combined heat & power), as well as **rainwater harvesting, agro-ecology, ecosystem engineering, soil regeneration** and **onsite wastewater treatment / septic design**.

Their extensive project management experience includes **site analysis, technical design, cost estimating** and **scheduling**, through to **commissioning** and **construction**.

Both hold a Bachelor of Science in mechanical engineering from the University of Alberta, interned at the **Folkecenter for Renewable Energy** in Denmark, and co-founded **Verge Permaculture** in 2008, now an internationally-recognized & **award-winning** regenerative design, consulting, and education centre in Calgary, Alberta, Canada.





Let's Talk

Curious about our services?

We recommend that you first familiarize yourself with [our expertise](#) and [how we work](#).

Please note the following:

- We have a limited amount of paid hourly virtual consultancy available, although we do recommend that you first schedule a complimentary client intake meeting below to discuss and ensure that this is a fit for you.
- If the dates and times below are completely unfeasible for you, you can reach out to us at info@adaptivehabitat.ca to request an alternative date / time.

