

## ARCTOS & BIRD PRINCIPLES

(Adapted from the Hanover Principles Design for Sustainability by William McDonough + Partners)

- **Respect the relationships between spirit and matter.** Consider all aspects of human settlement—including community, dwellings, industry and trade—in terms of the connections that exist between the material event and the spiritual results. Recognize that these connections are continually evolving.
- **Insist on the rights of humanity and nature to coexist in a healthy, supportive, diverse and sustainable condition.** Think beyond mere sustainability, to an agenda that includes restoration and regeneration. Celebrate the intersection of the human and natural environments, and blur the distinction between the inside and the outside.
- **Recognize interdependence.** Elements of human design interact with, and depend upon, the natural world, with broad and diverse implications at every scale. When designing, keep in mind that the human-built environment can affect nature, even at a distance.
- **Accept responsibility for the consequences of design** decisions on human well-being and on the viability of natural systems. Accept their right to co-exist. Celebrate our location in the Canadian Rockies.
- **Create objects of long-term value that do no harm.** Do not burden future generations with the responsibility to maintain or manage potential dangers that are the result of our careless creation of products, processes, or standards.
- **Eliminate the concept of waste.** Evaluate and capitalize on the full life-cycle of products and processes, in order to approach the state of natural systems, in which there is no waste.
- **Rely on natural energy flows.** Like the living world, human designs should derive their creative forces from perpetual solar power. Incorporate solar energy efficiently and safely for responsible use.
- **Understand the limitations of design.** No human creation lasts forever, and design does not solve all problems. Designers and planners should practice humility in the face of nature. View nature as a model and mentor, not as an inconvenience to be evaded or controlled.
- **Seek constant improvement by sharing knowledge.** Encourage direct and open communication between colleagues, patrons, manufacturers and users. Link considerations of long-term sustainability with ethical responsibility, and re-establish the integral relationship between natural processes and human activity.