



MackLab Design.

MackLab Design: an emerging design firm that explores modern design expressions qualified with quality materials and detailed craftsmanship. MackLab Design strives for a reputation that speaks quality and captures progressive patrons that seek bold and avant-garde furniture expressions.

MackLab Design offers custom designed and built furniture and unique craft objects. In addition to custom commissioned furniture, the firm also produces prototype designs for small batch production and design licensing. The primary material is wood, but not limited. The design repertoire includes both household and office furnishings.

The designer, Dudley Mack, was born in Balcarres, Saskatchewan, a farming community of less than 800 people, one hour east of Regina. He began his formal education by attending the University of Saskatchewan studying Engineering. His interest in mechanical engineering was to understand and satiate his curiosity of the built environment and the intricacies of how things are built. After a year of study at the University of Saskatchewan, Dudley refined his area of interest of the built environment by obtaining his Bachelor of Arts in Urban Planning at Ryerson University in 1991. While at Ryerson, he developed a keen interest in social planning, urban design, and architectural preservation.

Later in 1995, he obtained an undergraduate degree in Art History at the University of Toronto, majoring in Architectural History. The foundation in architectural studies furthered his interest in the urban fabric and the art of the edifice.

Although well founded in academia, he developed design and graphic skills through formal training and work experience. He has attended Ontario College of Art and Design, taking several courses in drawing. He also obtained a Multi-media certificate from The Hoffman Institute in New Media Design and CD authoring. He further developed graphic design, web design and programming skills at Centennial College in Toronto, and by working at Fentress Bradburn Architects from 1999 to 2001, Dudley developed his expertise.

Dudley is currently studying Furniture Design at Sheridan College, graduating in the spring of 2009.

13th Floor

- Object: Modular Cabinet
- Dimensions: Central Core: 6"(L) x 6"(W) x 94" – 120"(H) (extendable)
Modular Cabinet A - 10"(L) x 10"(W) x 10"(H)
Modular Cabinet B - 12"(L) x 12"(W) x 12"(H)
Modular Cabinet C - 24"(L) x 10"(W) x 10"(H)
- Materials: Teak Veneer on Particleboard
- Date: 2007
- Description: The design is a contemporary expression that defies traditional forms of furniture while striving for a delicate balance between sculpture and function. The piece achieves a dynamic composition of form by allowing modular units to be mounted around a central core in number and variety. The central core is extendable and retractable by virtue of an electronic actuator. This allows the piece to nestle floor to ceiling in any room or any part of a room. The versatility of the design allows it to function from any or all sides. The result allows for the creation of a sculptural composition by addition or subtraction.



Temple Peeks

Object: Coffee Table(s)
Dimensions: 27"(L) x 22"(W) x 13.5"(H)
32"(L) x 20"(W) x 13.5"(H)
Glass Top: 32"(L) x 20"(W) x 13.5"(H)
Materials: Lacquer on Medium Density Fiberboard
Date: 2008
Description: Study of topographical images inspired by terraced rice fields, architectural models, and strip mining. The finished pieces are contextualized models of Mt. Temple, mountain peaks in Banff National Park.





High Back Stool

Object: Bar Stool
Dimensions: 14"(L) x 13"(W) x 68"(H)
Material: Ash
Date: 2007
Description: An exploration of form inspired by C.R. Macintosh's high back dining chair series applied to a bar stool. Exploration with surface quality by relief and inlay treatments.

 **Screen Play**

Object: Serving Tray
Dimensions: 20"(L) x 12"(W) x 9"(H)
Material: Ash
Date: 2006
Description: Design inspired by Asian architectural lattice designs.





Planar Discourse

Object:	Wall Unit
Dimensions:	42"(L) x 12"(W) x 25"(H)
Material:	Cherry
Date:	2006
Description:	Study of intersecting planar elements.

m Pear Chair

Object: ¼ Scale Maquette
Dimensions: 5"(L) x 5"(W) x 8 1/2"(H)
Material: Basswood
Date: 2006
Description: Studies of natural elements inspired by the pear.





Medi-Buddy

Object:	Meditation/Yoga Seat
Dimensions:	11"(L) x 8"(W) x 6"(H)
Material:	Soft Maple
Date:	2008
Description:	A seating investigation to assist in the act of meditation for beginners. Minimal form comfortably accommodates sits bones, while adjustable height for different levels and progression.