

Heavy Metal Design Ltd.

Structural steel fabrication drawings

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About Heavy Metal Design Ltd.

The early years.

In January 1993 I began a five year apprenticeship with Chinook Drafting Services Ltd in Calgary, Alberta, Canada.

Over the course of the next five years I worked on many projects, the majority of which were commercial/institutional projects (Schools, Hospitals, RCMP detachments, etc), mainly in British Columbia, Canada.

Working in British Columbia familiarized me with connections for earthquake provisions in the building code. Working both manually and with Autocad these first five years were very helpful in getting my "detailing legs" under me.

Formation of Heavy Metal Design Ltd.

After completing my apprenticeship in February 1998 I opened Heavy Metal Design Ltd. Continuing work on Commercial projects and also expanding into Industrial (conveyors, furnace boxes, ladders/platforms, etc) as well. I completed many projects throughout British Columbia, Alberta, Michigan, California, Texas and even Trinidad, working both in Metric and Imperial.

Development of Heavy Metal Design Ltd.

Working for both local and out of country fabricators has allowed me to become fully conversant with AISC, CISC, "Allowable Stress" and "Limit States" designs.

Trying to stay abreast of all the differing technologies, in September 2010 I took an extensive course in Tekla Structures (formerly called X-Steel).

I am currently operating Tekla version 2022, but am licensed up to version 2025.

Summary.

My commitment to fast and accurate project completion meant building a core team to make it happen, which is why I am again working with my father Mike, a senior detailer with fifty years experience.

We also have access to another senior detailer with forty-six years experience when the need arises.

Please contact us with all your project needs.

Heavy Metal Design Ltd. Personnel Roster (2026).

Paul Corbett

- Thirty-three years detailing experience in Canada and the USA.
- Tekla Structures training course, Dowco Technology, 2010.
- Autocad applications course, Alberta School of Drafting.
- Five years apprenticeship with Chinook Drafting Services Ltd.
- Currently operating Tekla version 2022.

Michael Corbett

- Fifty years experience in the U.K., Canada and USA.
- Higher National Certificate (civil).
- Five year apprenticeship at James W. Ellis and Company, Newcastle-upon-Tyne, England.
- Owner/Operator Chinook Drafting from 1980-2012.