



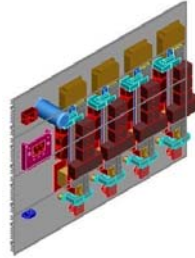
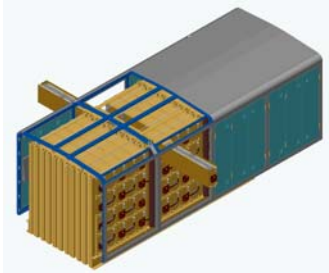
# Accurate Projects & Services Ltd.



352-1100 E. 29th St., North Vancouver, BC, V7K 2E4, Canada  
 Tel.: 604-537-9096 Fax: 604-542-2058  
 e-mail: info@accurate-projects.com www.accurate-projects.com

## Company Profile & Services

Accurate Projects & Services Ltd. is an engineering and software development company providing the following services:

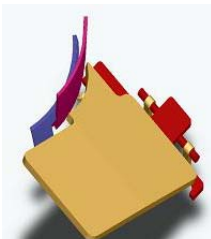
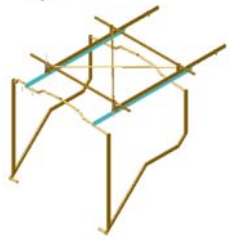
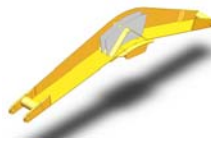
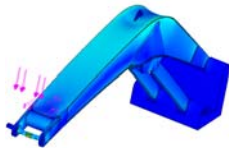
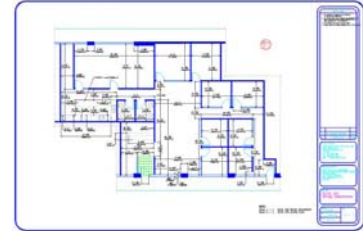
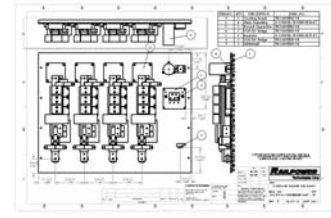
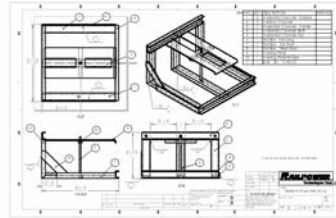


### Mechanical Engineering Design

- Machine Design
- Steel Structures
- Liquid Handling Systems
- Technical Specifications
- MS Excel Design Calculation Spreadsheets

### Engineering Drafting

- Shop Drawings
- Mechanical Systems – Piping
- Mechanical Systems – Schematics
- Commercial and Residential Building Site Plans

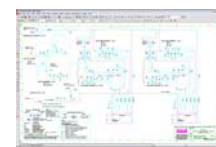


### 3D Modeling and FEA Stress Analysis

- SolidWorks
- COSMOSWorks
- COSMOSFloWorks
- Pro-Engineer
- Design Verification and Validation

### AutoCAD Customization and Engineering Software Development

- AutoLISP
- VisualLISP
- Visual BASIC
- Data transfer between MS Excel and AutoCAD
- Engineering Database Management Systems



**Examples of Projects and Services**

**RailPower Technologies Corp., North Vancouver, BC**

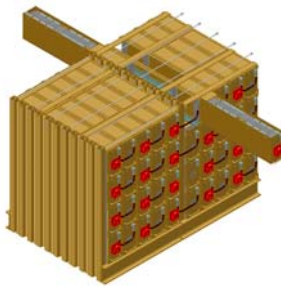
- Design of a large battery pack for RailPower hybrid locomotives – Mr. Yurek Duszynski is listed among others three inventors on US patent document



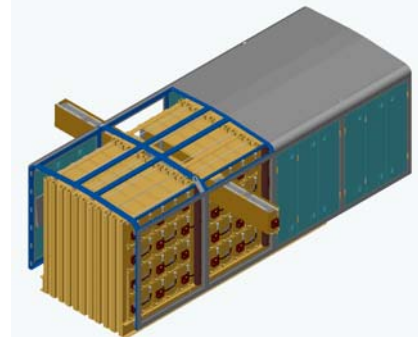
**Fig. 1 RailPower Green Goat 2000HP hybrid locomotive**



**Fig. 2 RailPower Green Kid 1000HP hybrid locomotive**

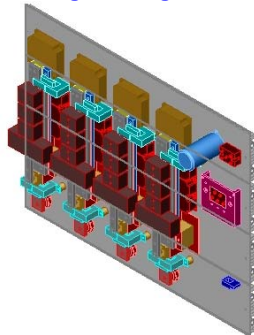


**Fig. 3 Model of locomotive battery pack with new battery drawers in service position**

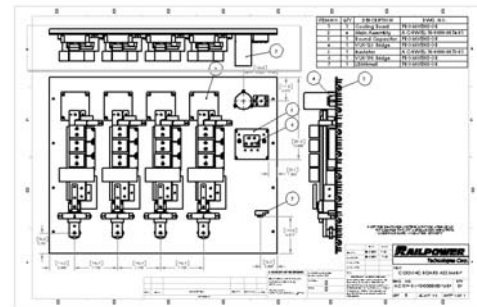


**Fig. 4 Model of battery pack with the drawers under new Green Kid batteries hood**

- Model and Manufacturing Drawings of Cooling Board and other electrical room components for Green Kid hybrid locomotive

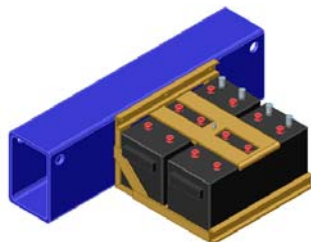


**Fig. 6 Model of Green Kid electronics cooling board assembly**

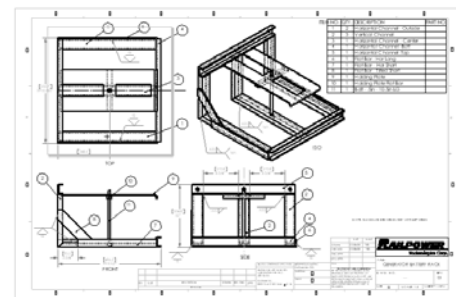


**Fig. 7 Drawing of Green Kid electronics cooling board assembly**

- Model and Manufacturing Drawings of Generator Batteries Rack



**Fig. 8 Model of generator batteries rack assembly**



**Fig. 9 Drawing of generator batteries rack assembly**

- As built drawings and technical documentation for prototype of Green Goat hybrid locomotive
- As built drawings and new designs for Green Kid hybrid locomotive
- Engineering Drawing Management Database

Vancouver Shipyards Co. Ltd., North Vancouver, BC

- Attessa III – verification of new hatches design



Fig. 10 Attessa III profile – 205 ft long motor yacht owned by Mr. Dennis Washington, the owner of Vancouver Shipyards Co. Ltd.



Fig. 11 Attessa III – During refit at facilities of Vancouver Shipyards Co. Ltd. in North Vancouver, BC, Canada



Fig. 12 Attessa III – after refit with new hatches in Victoria, BC, Canada

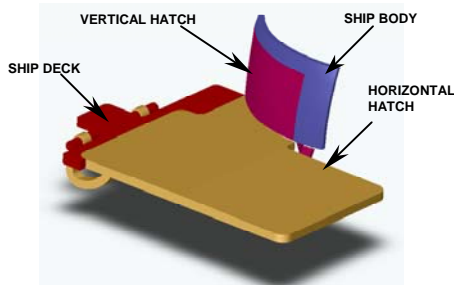


Fig. 13 Model of horizontal and vertical hatches in closed position

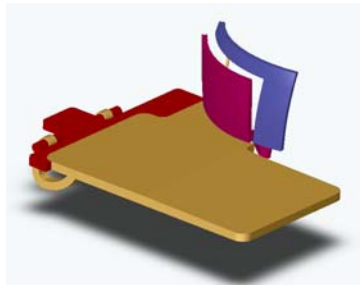


Fig. 14 Vertical hatch in tilted position

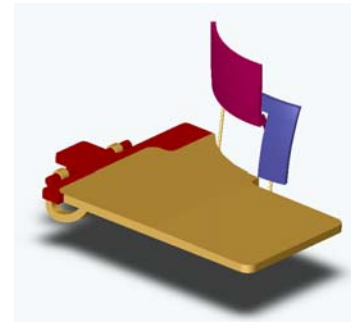


Fig. 15 Vertical hatch in upper position

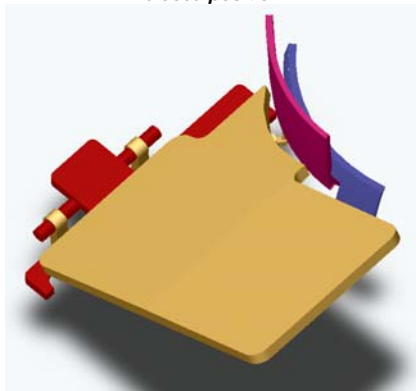


Fig. 16 Horizontal hatch opens

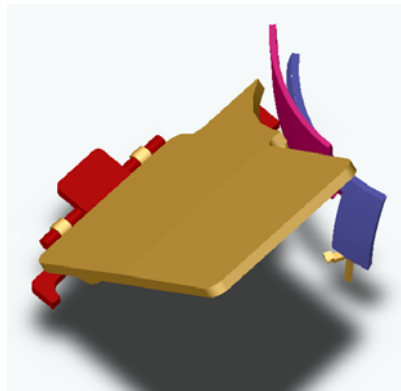


Fig. 17 Horizontal hatch half way open

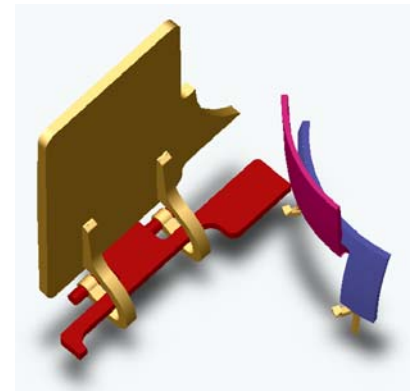


Fig. 18 Horizontal and vertical hatches fully open

- Modification to Attessa III exhaust manifolds
- Participation in Middle Class Ferry proposal for BC Ferries



WBM Weldco-Beales Mfg. BC. Ltd., Langley, BC

- FEM Analysis for WBA Boom and Stick and design improvements



Fig. 19 WBM Weldco-Beales KOM PC270LC-6 forestry machine

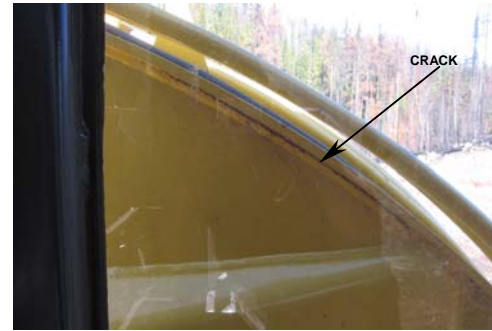


Fig. 20 Cracking of the boom of WBM Weldco-Beales KOM PC270LC-6 visible from operator cab

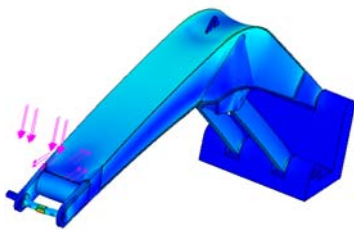


Fig. 21 Model of boom under the stress – clearly visible material inflow of the top of the boom

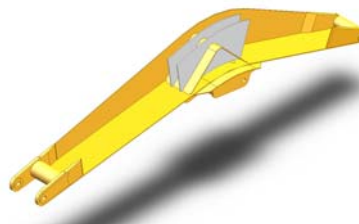


Fig. 22 ISO view of boom model with suggested enforcing plates - top of the boom and right side removed for clarity



Fig. 23 Analyzed boom model with new enforcing plates – clearly visible improvement in the stability of the top of the boom

Panorama Dental Clinic, Surrey, BC

- Design and manufacturing of custom equipment

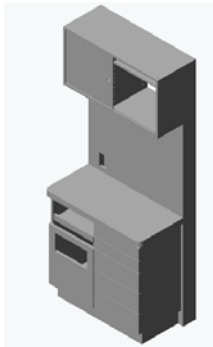


Fig. 24 Model of operator cabinet

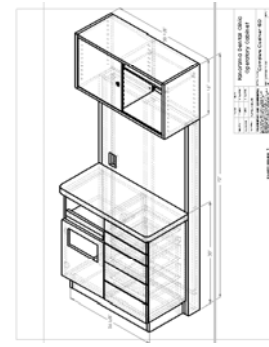


Fig. 25 Drawing of operator cabinet

- Maintenance and improvements to mechanical and electrical systems at the clinic
- Computer network and electronic equipment maintenance
- Dental equipment repairs and maintenance

Accurate Projects & Services Ltd. is dedicated to deliver professional results at very competitive rates. The client satisfaction, top quality of professional service and super practical approach are the number one priorities for us.

The company hires on contract/project basis only the best engineers, technologists and programmers with proven success record.

For more information please contact: Mr. Yurek Duszynski, B. Eng., Dipl. T., President