

**EMPLOYMENT HISTORY:**

casual / temp

contract

permanent

**Parsons Brinckerhoff****Date:** 7<sup>th</sup> September 2009 – present**Position:** **CAD Manager / Projectwise Administrator for the Victorian Desalination Project****Supervisor:** Anthony Perks**Duties:** High Level management of various CAD systems across multiple disciplines for the PB Beca Joint Venture..  
Project Manager for the scoping and implementation of Bentley Projectwise for use as the design team's DMS.**Minecraft Consulting (15/340 Albany Creek Road - Albany Creek) 3325 0277****Date:** 8<sup>th</sup> May 2009 - 21<sup>st</sup> August 2009 (contract – TAD Technical)**Position:** **3D Drafter / Support****Supervisor:** Cameron Bryant**Duties:** 3D Drafting of Underground Coal Mine Conceptual Designs using AutoCAD 2010 and 3DSMax  
General CAD / IT Support**Rio Tinto Alcan Technology ( formerly Alcan Engineering Pty Ltd ) (443 Queen Street – BRISBANE) 3218 3555****Date:** 10<sup>th</sup> January 2005 – 13<sup>th</sup> February 2009 (contract – ROBERT WALTERS)**Position:** **3D Model Review Coordinator / CAD Support / CAD Administration****Supervisor:** Peter Howes (to Early 2008) / Ian Johnson (from Early 2008)**Duties: AutoLisp**

Creation and Development of Centrally Located Support File System for Projects. Specific Project determined using AutoPlant Data from within drawing or via AutoPlant Project Files. Support Files include Plot Styles, Templates, Title Blocks, Libraries etc.

Automated PDF creation program using Title Blocks registered for Project. 3 Modes - Pick, Auto, Batch.

Various one-off routines for specific tasks.

**Automated Review Model Creation for Mutiple Projects across mutiple sites.**

NWD and DGN using Autolisp and Bentley Explorer and Bentley Navigator VBA

DGN Host Files creation (work areas) automated using Bentley Microstation VBA.

Host file contents compiled from either RWA Files or extraction from Database.

Individual Reference Models stored in central location (less conversion processing)

Distribution of Review Models to remote sites (Gove and Gardanne).

**ProjectWise and SQL**

Datasource creation, administration and Support upto version 08.09.04.50 (XM), from the SQL level.

Datasource Caching across multiple sites.

Installation and Configuration of Distribution Services, Interplot Server

Beta / new apps testing.

Multiple custom Stored Procedures, Scheduled Tasks and Scripts written in SQL

Data update eg. modifying attribute data based on audit trail query.

Automate Custom Folder creation

Automate Search creation

Bulk Import of over 500,000 documents with metadata

Custom VBA written for Word and Excel for Custom Properties creation and menus for attribute exchange.

Automated PDF for documents (DWG,DOC,XLS) in Projectwise at specific state in workflow. PDFs registered in Projectwise and associated to Source file in a Projectwise Set.

**User Support**

All aspects of AutoCAD (Versions 2002,2005,2006)

All aspects of ProjectWise

Microsoft Office Support

**Parsons Brinckerhoff (348 Edward Street – BRISBANE) 3218 2222****Date:** 26<sup>th</sup> July 2004 – 24<sup>th</sup> December 2004 (contract – WALKER TECHNICAL)**Position:** **Design Draftsperson****Supervisor:** Ian Cameron**Duties:** 3D & 2D drafting of projects in the Water Group using AutoCAD 2004 and 12D Model, including work on mining and sewerage projects.

AutoLisp programs written for personal use

**Boeing Australia Limited (363 Adelaide Street – BRISBANE) 3306 3000****Date:** 29<sup>th</sup> April 2004 – 23<sup>rd</sup> July (contract – ENTEC)**Position:** **Technical Illustrator****Supervisor:** Saman Ellalagoda**Duties:** Creating / modifying Illustrations for Aircraft Technical manuals using Corel Draw 11 and Boeing software (Flythru).  
VBA Automation to speed up repetitive tasks in Corel Draw.**Mills-Tui (340 South Pine Road – BRENDALE) 3205 4022****Date:** 22<sup>nd</sup> March 2004 – 16<sup>th</sup> April 2004 (contract – ENTEC)**Position:** **Mechanical Drafter****Supervisor:** Brett Thompson**Duties:** 3D modelling and 2D Detailing of Aluminium and Steel Parts for Fire Trucks and Coaches.**SunWater (120 Edward Street – BRISBANE) 3120 0000****Date:** 7<sup>th</sup> July 2003 – 19<sup>th</sup> March 2004 (contract – BDS)**Position:** **Civil Drafter****Supervisor:** Albert Navruk**Duties:** General Drafting in the Civil discipline using AutoCAD 2000 & 2004, Microstation v7.1 and BLIN (Basic Land Information Network), including reinforced concrete for weir repair/modification.  
Cross-section Lisp program written for in-house use.  
3D modelling and general drafting for Burdekin Hydro-Electrical Station.  
3D modelling of steelwork and pipework.  
2D View Generation Lisp program written to work with 3D models.**Heat and Control (407 Creek Road MT.GRAVATT) 3877 6333****Date:** 24<sup>th</sup> February 2003 – 10<sup>th</sup> June 2003 (contract – Southtech Personnel)**Position:** **Mechanical Drafter****Supervisor:** Greg Pyne**Duties:** Mechanical Drafting using Inventor 6.0 and AutoCAD 2002  
3D Pipework, 3D Sheetmetal, Service Layouts.**Cookon Commercial Catering Equipment ( 76-82 Buchanan Road BANYO) 3267 1133****Date:** 6<sup>th</sup> July 2000 – 31<sup>st</sup> January 2003**Position:** **CAD/CAM Operator / Programmer & Network Administrator****Supervisor:** Ron Pattinson (Managing Director) / Chris Mearns (Sales & Technical)**Duties:** 3D Part and Assembly drawings using AutoCAD 2002 for 2500+ parts and 100+ assemblies.  
3D Part and Assembly drawings using Autodesk Inventor 5.3, 6.0  
3D Drawings for Custom Equipment including Cabinets, Butchers Cases, Kitchen Layouts  
All Drawings output to PDF Files for Network Access / emailing and linking to MRP system.  
Product Development  
Parts (2500+) Database Setup and Maintenance (MS Access)  
Network Setup and Administration / Computer Technician / Helpdesk  
CNC Programming using SMP/IS v.17 for 2500+ parts  
Extensive AutoCAD customization (menus and AutoLisp) for quicker drafting and drawing management including automated assembly BOM generation based around central database  
Drawing System Quality Endorsed to ISO 9002 including maintaining Engineering Changes database  
Part Rationalisation (eliminating identical or very similar parts)

**Curtin Foodservice Equipment (Now Stoddart) 3344 2444**

<b>Date:</b>	31st March 2000 – 30th June 2000 (contract - direct)
<b>Position:</b>	<b>CAD Operator</b>
<b>Supervisor:</b>	Graham Waters / Tony Hall
<b>Duties:</b>	As per previous permanent position for one project.

**Australian Water Engineering (WYNNUM) 3396 3383**

<b>Date:</b>	Ongoing casual work – till late 2000
<b>Position:</b>	<b>CAD Operator / Programmer</b>
<b>Supervisor:</b>	Denis Ogle / Brad Tite
<b>Duties:</b>	Earthworks excavation and fill calculations using mapping contour drawings. Autolisp programs written for faster calculations. Drawings done for Civil Engineering Hydraulic Reports.

**Energy Developments ( 40 Machinery Street DARRA) 3275 5555**

<b>Date:</b>	4 <sup>th</sup> February 2000 – 11 <sup>th</sup> February 2000 (short-term contract through Connect Personnel)
<b>Position:</b>	<b>CAD Consultant</b>
<b>Supervisor:</b>	Malcolm Kittlety
<b>Duties:</b>	CAD Customisation Rationalisation, Autolisp Programming, Prototype Drawing Setup, AutoCAD User Support.

**Coretech Computers ( 31 College Street HAMILTON) 3552 6000**

<b>Date:</b>	30 <sup>th</sup> September 1999 – 29 <sup>th</sup> October 1999 (4 weeks Trial – Full-time employment was declined due to lack of work)
<b>Position:</b>	<b>On Site Service Technician</b>
<b>Supervisor:</b>	Garry Holmes
<b>Duties:</b>	Installation and Replacement of Mainboards, HDD's, CD-ROM's, FDD's, Network Cards, Power Supplies, Monitors. Installation and updating of drivers for hardware peripherals including printers and LAN Adapters. Setting up PC's on a network, troubleshooting network problems. Virus removal and update of virus definition files for VET and Norton Anti-Virus from Internet. PC Auditing. BIOS updates. Software Installation.

**Santos Ltd ( 60 Edward Street BRISBANE) 3228 6666**

<b>Date:</b>	19 <sup>th</sup> July 1999 – 30 <sup>th</sup> July 1999 (short-term contract through BDS Challenge)
<b>Position:</b>	<b>CAD Operator</b>
<b>Supervisor:</b>	Leigh Radloff
<b>Duties:</b>	Modification of approximately 1500 drawings through extraction of attributes to spreadsheet file, editing spreadsheet, and then imported back to drawings. Achieved using autolisp programming and AutoCAD R14.

**Lincolne Scott Australia Pty Ltd (TOOWONG) 3368 6600**

<b>Date:</b>	20 <sup>th</sup> May 1999 – 4 <sup>th</sup> June 1999 (short-term contract through Connect Personnel)
<b>Position:</b>	<b>CAD Operator</b>
<b>Supervisor:</b>	James Sparks
<b>Duties:</b>	Modification of marked up Building Service Layouts, Primarily Electrical and Mechanical Layouts for Townsville Hospital using AutoCAD LT97.

**Australian Water Engineering (WYNNUM) 3396 3383****Date:** 9<sup>th</sup> June 1998 - 9<sup>th</sup> April 1999 (10 months – contract through Southtech Personnel)**Position:** **CAD Operator / Programmer****Supervisor:** Denis Ogle / Brad Tite**Duties:**  
Extraction of Data from Pluviographs (Rainfall).  
Autolisp programs written to convert digitised polylines to rainfall data in 1 minute increments, and extract detailed rainfall data for analysis.  
Polyline Splitter lisp program written to draw equidistant polyline between two other polylines (eg. Map Contours)  
  
Polyline Joiner lisp program written to join large polylines with small gaps between into one polyline (traces over existing lines then deletes them).  
Drawings done for Civil Engineering Hydraulic Reports.  
Extensive spreadsheet work with Microsoft Excel.  
Design of HTML Documents for CD Issue of Report Data and Spreadsheets.  
Digitizer setup for digitizing of Pluviographs.**QPM Property Management (Department of Public Works and Housing - Mineral House - 41 George St BRISBANE)****Date:** 2<sup>nd</sup> February 1998 - 22<sup>nd</sup> May 1998 (3 months – contract through Julie Blahuta Services)**Position:** **Assistant CAD Manager****Supervisor:** Peter Stack**Duties:**  
Autolisp Modifying/Programming – (read/write INI Files, Custom Plot, Multiple Drawing Audit, R13/R14 Transition, Layer Audit, Block and Layer Export, Extended Drawing Log)  
CAD Support / Training for Architects and Interior Designers (30 AutoCAD Stations).  
MS Exchange / MS Word / MS Excel Support.  
CAD Protocol and Procedure Documentation.  
AutoCAD Database linking to external databases, Win95/NT 4.0 Support.  
Corel Draw used for graphic presentation work.  
Hardware Peripheral Setup and Support.**Laser Dynamics (Contract Laser Cutting – 96 Raubers Rd NORTHGATE) 3267 9666****Date:** 20<sup>th</sup> October 1997 - 30<sup>th</sup> January 1998 (3 months)**Position:** **CAD / CAM Operator / Programmer (FastCAM and AutoCAD LT97)****Supervisor:** Bob Gaydon / Warren Black**Duties:**  
CAD Drawing, CNC Programming, Personal AutoCAD Customisation - LT97.  
SignLab 2.0 used for specialized tasks.  
Scanning and digitising of 2D shapes for Laser Cutting.  
Hardware Peripheral Setup and Support.  
Training / Helping new Programmers.**Brisbane Institute of TAFE - Ithaca Campus (RED HILL)****Date:** October 1997 - March 1998 ( Part-time / Casual )**Position:** **AutoCAD Tutor / Teacher****Supervisor:** Ken Stevenson**Duties:**  
Teaching AutoCAD 12 (DOS) and answering questions that students may have.  
Lesson Notes prepared in Word.

**Curtin Foodservice Equipment (Commercial Kitchen Manufacturers – SUNNYBANK HILLS) 3344 2444****Date:** 25<sup>th</sup> July 1994 - 17<sup>th</sup> October 1997**Position:** **Senior CAD Operator / Programmer****Supervisor:** Keith Gray**Duties:**

Drafting of Architectural Layouts with Electrical and Hydraulic Services using AutoCAD R12-R14.  
Designing / Drafting (2D and 3D) of Workshop Details for Commercial Kitchens and Bars.  
Designing / Drafting (2D and 3D) of Standard Products eg. Commercial Fryers, Ovens, Barbecues etc.  
AutoCAD Customisation / Autolisp Programming, including AutoCAD Database manipulation.  
Custom plotting program – save plot files with drawing number and amendment letter  
Project Management Assistance  
CAD Protocol Setup and Maintenance.  
Training of fellow workers on AutoCAD Customisation and protocol.  
Network Maintenance and Administration - Windows NT operating system (1 Server and 6 Workstations).  
Win95 Rollout / PC Support / Maintenance (Hardware and Software) for 25 PC's networked with Win95 / NetWare.

Microsoft Excel and Word used extensively for project documentation.  
Corel Draw used for graphic presentation work.  
PowerMac used for graphic applications including scanning for brochure production (Adobe Photoshop).  
Drawing Office Protocol design, implementation, maintenance.  
General Drawing Office duties - filing etc.

**Major Jobs:**

Jupiter's Brisbane Casino  
Brisbane International Airport  
Wesley Hospital Extension - Brisbane  
Crown Casino – Melbourne  
Star City Casino - Sydney

**Paul Douglas Cabinetmakers (Domestic Kitchens and Joinery – BEENLEIGH)****Date:** 6<sup>th</sup> December 1993 - 22<sup>nd</sup> July 1994**Position:** **Sole CAD Operator (AutoCAD and CabMaker)****Supervisor:** Paul Douglas**Duties:**

Drawing domestic kitchens and joinery using CabMaker (AutoCAD Add-on).  
Preparing cutting lists for workshop using CabMaker and AutoCAD R12.  
Site Dimensions taken.

**Van der Beld Furniture (Fully Upholstered Lounge Manufacturers - Marble Drive KINGSTON)****Date:** 26<sup>th</sup> August 1991 - 30<sup>th</sup> November 1993**Position:** Senior CAD / CAM Operator / Programmer, Assistant Designer.**Supervisor:** Steve Dyer**Duties:**

Prototype Design Development of lounge suites on AutoCAD R10-R12 (3D).  
Preparation of cutting lists for workshop on AutoCAD R10-R12 (2D).  
Preparation of sewing diagrams for workshop on AutoCAD R10-R12 (2D).  
Digitising and Nesting of fabric patterns - using LECTRA Computers and Software.  
Custom application of Quattro Pro for AutoCAD Database linking.  
Development of a parts numbering system for 80 combinations of lounge suites.  
Macintosh used for CAM Programming - Wintech Fastwire.  
Manual NC Programming and SmartCAM 6 used to create NC programs - 4 Head Router.

**Referees:**

Available on Request