

CAPABILITY STATEMENT



CDE Design Solutions
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Company Overview

CDE Design Solutions was established in 2001 by Peter Sackett, with 4 full time staff in Bathurst, NSW. We have since grown to have 15-20 multi-skilled full time, part time and casual support staff.

With extensive experience based on a foundation of drafting and factory related mechanical engineering design, troubleshooting and project management services, CDE offer a wide range of solutions to companies and individuals throughout Australia.

OUR VISION

We strive to grow from partnerships with our clients to ensure the prosperity of both by providing quality services and solutions. In doing this we will:

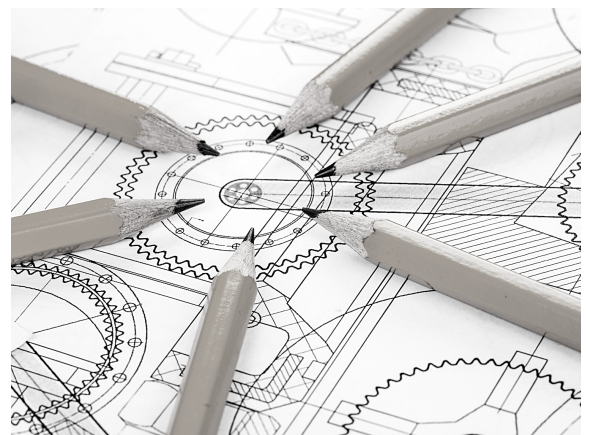
- Contribute to society
- Operate ethically
- Be able to change and adapt as the world and community changes
- Be sustainable and able to look after ourselves
- Be efficient and not waste our resources
- Enhance the well-being of our people

CAPABILITIES

- Process flow design, diagrams and P&IDs
- Conceptual or detailed total plant layout and line layouts
- Machine design, machine detailing
- Pump, tank, valve, pipework design and detailing
- Materials handling
- Mechanical detailing
- Bin, hopper and chute design
- Crane related design
- Structural steel in non-building applications
- Platforms, walkways and access Systems
- Bridge design and detailing
- Product design
- Visualization and drawings of innovations and inventions
- All Factory related drafting services

SERVICES

- Engineering design
- Contract drafting
- Project Management
- Troubleshooting
- Expert witness



For examples of case studies, speak to us.



Our Team

We are a team of industry professionals, with extensive experience and a variety of skills. We work hard to provide our clients with quality solutions.

ENGINEERING

- Professional Mechanical Engineers
- Civil/Structural Engineers
- Electrical and Control Systems Engineer

DRAFTING

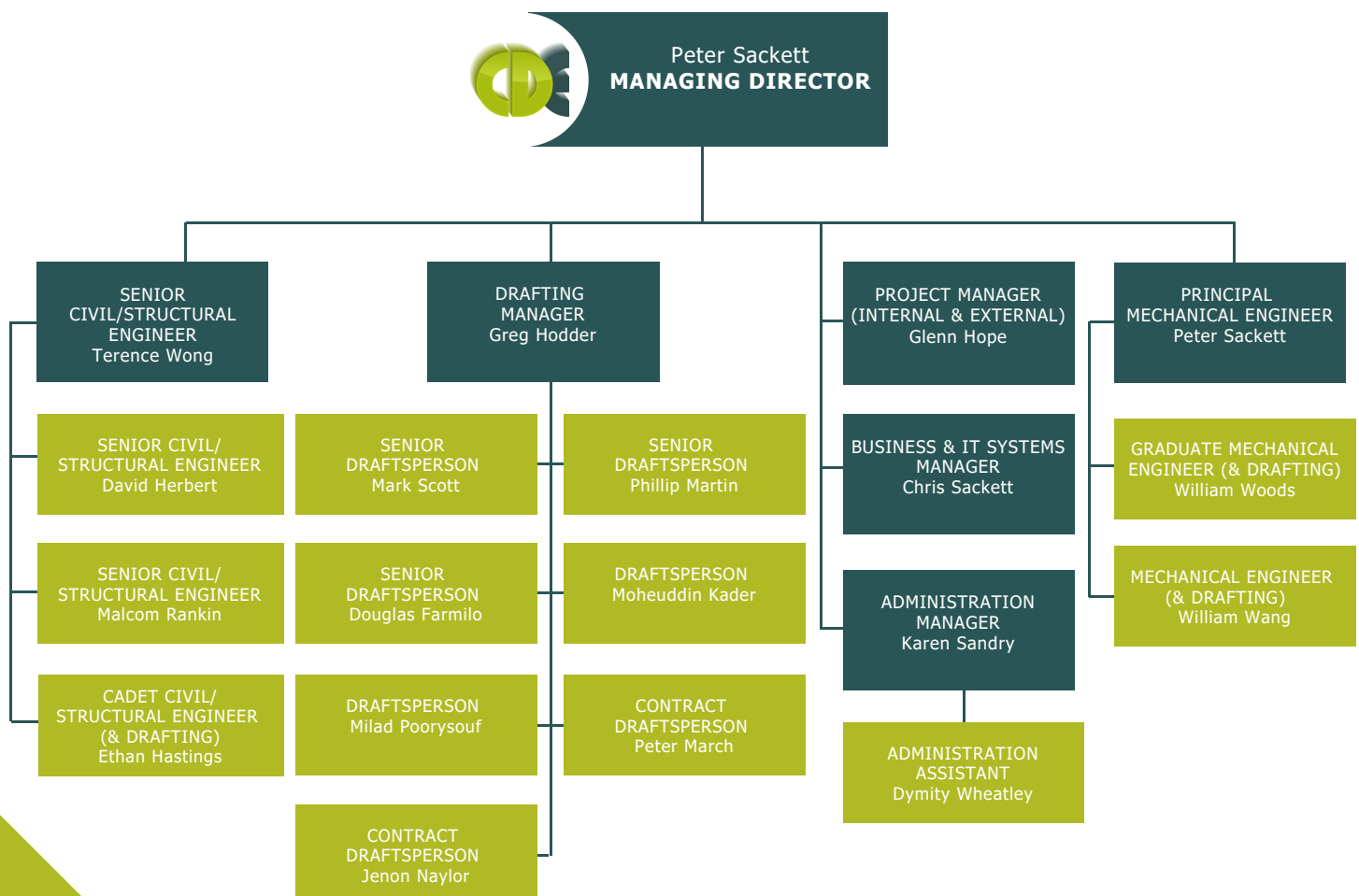
Our Drafting team have high level skills and trade backgrounds, with TAFE and/or university training in their appropriate skills.

Our Senior Structural Engineer is both NER and RPEQ. Our engineers are university trained with broad experience across many areas of industry. Our Civil/Structural Engineers are able to provide engineering certification.

BUSINESS OPERATIONS

We employ Specialist Project Managers, Administration and Accounts staff.

ORGANISATIONAL CHART





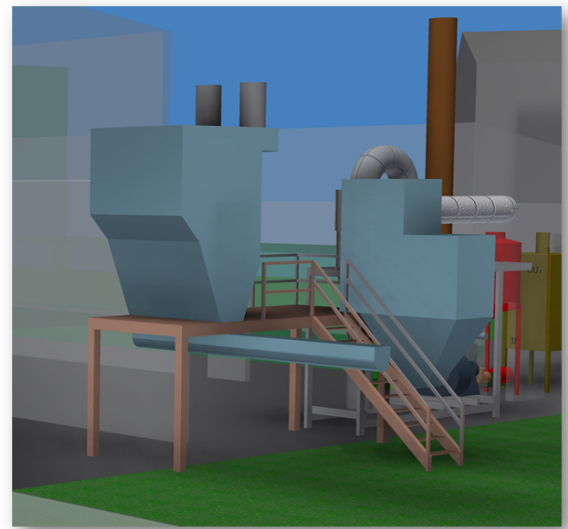
INDUSTRY EXPERIENCE

- Food manufacturing companies
- Primary processing industries
- Manufacturing
- Mining
- Transport
- Steel fabricators
- Local government
- OEMs

HOW WE WORK WITH YOU

We work closely with our clients and are in constant contact, utilising screen share collaboration for online meetings. We travel and/or work on-site as required.

We can provide models and drawings in multiple formats. These include a variety of electronic formats or printed in colour or black and white. We can also provide electronic output on CD, DVD or via email.



RESOURCES

- Autodesk Inventor Pro - for 3D mechanical design, drafting and FEA
- Autodesk 3ds Max - for animation
- Autodesk AutoCAD - for 2D drafting
- SolidWorks - for 3D design or file compatibility work
- Autodesk Revit
- Autodesk Advance Steel
- Autodesk Robot - for structural analysis
- Microstran - for structural analysis and design and FEA
- Leica BLK360 3D Scanner - for site and equipment scanning
- Replicon - for time and project tracking

We listen to your story.
We advise and consult to help you.
We enjoy being a part of your successful project.



Our Clients

Our recent clients have included:

Allflow Systems and Solutions
Australian Construction Group (ACG)
Barnson Engineering
Bathurst Regional Council
Batlow Apples
Benex Pacific Pty Ltd
Bio Processing Australia
Bosmac PTY LTD
Bridge Check Australia
Butler Engineering
Cadia Valley Operations (Newcrest Mining)
Cara Pet
Carters General Engineering Pty Ltd
Centennial Coal Clarence
Centennial Coal Springvale
Chemstore International Group
Clark Tanks
Country Chef
Dynaflow Pty Ltd
Elf Mushrooms
Energy Australia
Express Engineering Australia
Falcon Industries
Fuel Fix
GM Creations
GO2 Enterprises KFT
Inland rail (ARTC)
Integrated Design Group
J&B Stainless
John Holland Rail
K-Line AG
Kotzur
Manildra Group
Mars Petcare Australia
Monadelphous
Nestle Confectionery

**We have extensive
experience and a
variety of skills.**

Nestle Purina
National Poly Industries (NPI)
Omya Australia Pty Limited
Orange Precision Metalcraft
Peanut Company of Australia
PJL
Plus One Percent Engineered
REAL Petfoods
Roads and Maritime Services
Sea Box International
Shoalhaven City Council
Shumack Engineering Pty Ltd
Sibelco Australia Limited
Simplot Bradwardine
Simplot Kelso
Southern Cotton - Standard Ethanol Company
Springvale Coal Washery
Springvale Colliery
Still Engineering
Transport for NSW
Unilever
Wallerawang Engineering
Weis Frozen Foods
Western Area Health Service (WAHS)
Westrac
Wiley
WJ Peek Welding