

CAPABILITY 2020





PHILIP CHUN

Company Profile

Philip Chun was established in 1990 providing consultancy service covering all aspects of building regulation and construction consulting. Philip Chun has experience in servicing the private sector and Government projects. Our knowledge and expertise is unmatched in building regulation and control in Australia. Key staff have:

- Detailed building control experience with Class 2 to 9 buildings.
- Relevant tertiary and fire safety qualifications.
- Accreditation in State based building Practitioner registration Accessibility.



Victorian Comprehensive Cancer Centre

Building regulations need not restrict creative building design or impose constraints on construction programming. Philip Chun can advise on innovative design solutions, while maintaining a responsible approach to building regulation and control.

Philip Chun is Australia's largest building regulation code, access and mobility, essential services, fire and life safety consulting group. This has delivered levels of service and benefit to our clients that no other building consulting team can match.

Management Strategy

Directors are individually responsible for all aspects of the operation of the Philip Chun offices. Local Directors will be responsible for the allocation of sufficient resources. Focus areas for management strategy include:

- Timely response from the Philip Chun team.
- Checking Philip Chun input is technically robust.
- Compliance with building law maintained at all times.
- Effective communication both within the Philip Chun team and between the Philip Chun team, design consultants, contractors and The Principal.
- Advice examines cost effective solutions.
- Value is added to the project through the building control process.



Southern Cross Rail Station, Melbourne



Philip Chun Capacity

Our expertise is building regulations, access and mobility, essential services and compliance consulting. We apply our knowledge to assist clients in achieving their building and development goals.

Australia wide, Philip Chun employs a number of technical staff including Building Surveyors, Access Consultants and Essential Services Specialists. Philip Chun's offices are amongst the most respected certification offices. It is assured Philip Chun will be available to fulfil the role of multi-discipline code consultant for all projects. Our team of consultants possess a wealth of experience delivering projects from small commercial tenant improvements to very large, high structures.

Philip Chun emphasises a team approach on all projects, we ensure personnel are shaped to perform and achieve the objective of our commission.

Project key team members of Philip Chun are:

Project Directors	Directors will assume overall responsibility for the project; ensuring key building code issues are identified and actioned. Their role will include day to day participation in the project at high level to ensure the Philip Chun team meets project time and quality goals.
Associates	Associates and project building surveyors are responsible for ensuring deliverables are met together with building code compliance of the project. Their role includes participation through all phases of projects.
Building Surveyors	The project building surveyors are responsible for ensuring building code compliance of the project. Their role includes participation through all phases of projects.
Access Consultants	Access consultants are responsible for access compliance advice through all phases of projects.
Essential Services Consultant	Essential Services consultants ensure statutory obligations are met with respect to the ongoing safety, reliability and maintenance of building Essential Fire Safety Measures.





The following senior technical staff is employed in the Philip Chun and are able to offer assistance with delivery of projects.

Discipline	Directors	Associates/Manager
Building Code	Shane Leonard Robert Marinelli Michael Moran Richard Wells	Frank De Pasquale Cath Patterson Kate Kmita Rodney Shepherd Philip Smillie Nick Snart Andrew Urli
Access	Robert Marinelli	Robert Marinelli Lynda Wilem
Essential Services	Antony Rickards	David Martini Mark Wilson Gareth Morgan



Service Philosophy

Our service philosophy emphasises understanding project objectives and functional requirements as essential to providing quality building compliance advice to the project team. Quality advice provides the project team with certainty a design will comply with legislation requirements.

To deliver design certainty, we undertake ongoing assessment of the project documentation during all phases of the project. This ongoing review will identify opportunities to optimise the building design for compliance, whilst maintaining design objectives, life safety and occupant amenity.

The focus of our initial review will be to identify building code, access and shortcomings in the area of essential fire safety measures.

For each project phase, Philip Chun will provide comprehensive Compliance Reviews as they relate to the needs of the client. These reviews will provide all members of the project team with clear understanding of those matters that must be addressed in order to fulfil client deliverables and expectations.

On construction projects, Philip Chun can undertake inspection of the building works, ensuring timely identification of matters which need to be addressed prior to the completion of the project, and acceptance for Occupation. This process will assist in minimising delay in allowing Occupation and/or expedite Occupation and hand over of the building.

Key Performance Indicators

We strengthen our reputation for high quality, innovative, flexible solutions to building regulation through:

- Building partnerships with our valued clients, in order to improve their outcomes.
- Monitoring satisfaction and retention levels of existing clients and searching for ways to attract new clients.
- Providing a rapid response to fee proposals.

We develop a working environment that attracts, fosters and rewards high quality performance by:

- Ensuring staff are supported / challenged without being overworked, monitoring workloads and absenteeism.
- Working in teams means that there is always someone available to respond to clients' needs.



Quest Apartments – Sydney Olympic Park





SCOPE OF SERVICES / APPROACH AND METHODOLOGY

Building Code Consultancy

Philip Chun emphasises an innovative approach to building design, with an aim to achieve success in the planning, design and construction of new buildings, extensions for all commercial, industrial and residential developments including multi-storey and large floor area buildings. The company employs building surveyors, building inspectors and engineers, and with offices in Sydney, Melbourne, Canberra, Brisbane and Perth, provides a comprehensive national regulatory advice and design consultancy service.

The following is a brief range of building code consulting services:

- Providing comprehensive building regulation, Building Code Fire and Life Safety consultation for building or development projects.
- Identifying alternative economical cost effect design solutions to ensure compliance with building codes and standards.
- Delivering efficient system based assessment of alternative performance based solutions in accordance with the objectives and performance requirements of Building Codes and Standards.
- Liaising with relevant statutory authorities including application and / or consultation.
- Consulting and advising on requirements of regulations including Court or Tribunal advocacy.
- Certifying and approving private, government and private / public partnership projects as required by state and territory building acts, regulations and standards.
- Conducting Building Code audit fire safety, and due diligence.
- Conducting energy efficiency audits, assessment and verification.
- Offering expert witness for litigation cases.
- Providing inspection advice and assistance during construction.

Airport Building Controllers Queensland, New South Wales, Victoria and Australian Capital Territory

Philip Chun is the Airport Building Controller (under contract) in charge of regulatory approvals to all major airports on the eastern seaboard and Canberra. The roles have given us insight into the operational and building construction constraints applicable to complex structures and airports and associated facilities.

Recycling / Sprinkler / Refurbishment Guidelines

Philip Chun played a prominent role in the preparation of Melbourne's "Council's Recycling Guidelines" and "Residential Sprinkler Installation Guidelines". This document offers advice to building owners and developers on how to ensure acceptable levels of fire safety, health and other aspects of building control. The document has been designed to correspond with the Building Code of Australia.

Research / Report Projects

With the introduction of the Building Code of Australia, the company has been commissioned to undertake and assist with a number of research / report projects. These encompass various aspects of building control, regulation review, feasibility studies, investigation and evaluation of new and existing building developments. In particular, such projects have included the preparation of "Generic Hospital Guidelines"



Eureka Towers, Melbourne



and a report to the National Committee on Rationalised Buildings for draft amendments to the Building Code of Australia.

Certification Projects

The company has been involved in many development projects of differing size and use. We have been given the opportunity to provide building design certification, Building Permits, Occupancy Permits, and consultancy service on many new buildings and existing building refurbishment projects throughout Australia.

Accessibility Consulting

Philip Chun Access offers a range of accessibility consultancy services covering all areas of access to premises with reference to current and prospective disability and accessibility legislation, including the Building Code of Australia (BCA), Disability (Access to Premises – Buildings) Standards 2010 (Premises Standards), Disability Discrimination Act 1992 (*Cth*) (DDA) and relevant Australian Standards.

Philip Chun Access provides a comprehensive, risk managed access consultancy service to meet the project brief and ensure the appropriate management of access provision to services and facilities for all, specifically people with temporary and permanent impairment or disability. Our approach includes:

- Understanding the project objectives, compliance parameters and Client requirements to develop achievable recommendations with an emphasis on flexibility in design and construction.
- Inspecting existing conditions and assessing relevant documentation pertaining to the site, in order to identify potential areas of access discrimination and non-compliance to access legislation.
- Conducting comprehensive appraisal of documents throughout all phases of design to highlight deficiencies in regards to access provision with reference to building codes, standards and guidelines and identify Client risk of litigation under Section 23 of the DDA.
- Consultation with the client, stakeholders and liaison with the relevant authorities to ensure timely delivery of the project scope and project milestones within time and budget.
- Assessing specific areas where the deemed to satisfy requirements of the BCA have not been met and developing alternative solutions which comply with the performance requirements of the BCA. It should be noted that expert judgment from an access consultant will not alleviate the Client's obligations under the DDA.
- Comprehensive checking of tender documents and relevant specifications to ensure deficiencies in the design have been addressed, or an effective management solution determined prior to construction.
- Issuing statements of compliance with the relevant Australian Standards, BCA and other legislation and disability access guidelines. All areas of non-compliance including alternative solutions and management plans will be outlined for Client endorsement. Compliance statements may be finalised following final inspection of the development prior to issue of the occupancy permit by the building surveyor.
- Advising and assisting throughout the construction process to ensure ongoing compliance with the Building Code of Australia (BCA) and the spirit and intent of the Disability Discrimination Act 1992 (DDA).
- Further services which may be provided by the Philip Chun Access team include, however are not limited to:
 - Formulating disability action plans and client management plans.
 - Developing project-specific design briefs.
 - Preparing access plans and planning submissions.
 - Conducting peer reviews of audit documents.

Our methodology and delivery adds value to a development project and is supported by a robust review and assessment process of all design documentation.





Our experience has demonstrated that increased participation in preliminary planning can minimise implications of cost associated with access provision. Our unique service will provide considerable benefits to the Client through identification of risk associated with access discrimination and provision of reasonable recommendations which allow for flexibility in design and construction.

Essential Services Consulting

Philip Chun Essential Services provides building owners / agents, property / maintenance managers, builders and building contractors with a service to ensure that the statutory obligations are met with respect to the ongoing safety, reliability and maintenance of building Essential Fire Safety Measures.

Philip Chun Essential Services provides a State specific compliance management system which ensures the building owners / agents meet the requirements of the local Regulations for the maintenance of their building's Essential Fire Safety Measures (e.g. fire hydrants, emergency lights, exits) for the life of the building.

The Australian Standards generally define 'maintenance' as including: inspection, testing, preventive maintenance survey and record keeping at specific intervals and rectification of defects, which is necessary to ensure the continuing reliability of fire protection systems and equipment.

Philip Chun Essential Services provides the Annual certification sign-off for the building's Essential Fire Safety Measures.

Philip Chun is appointed by the Client to provide Essential Services Certification review. Our scope includes but is not limited to:

- Identifying all essential fire safety measures required to be maintained under current state and territory legislation.
- Developing an 'essential safety measures project-specific maintenance schedule' which includes a list of safety measures, performance levels and relevant testing parameters to the Building Code of Australia and Australia Standards.
- Conducting annual audits and certifications of essential fire safety measures, including offering advice and assistance to ensure owner's statutory obligations are met.
Carry out an overview inspection of passive Essential Fire Safety Measures.
- Carry out a thorough review of the Fire Engineering Performance Assessments to identify the performance variations within all parts of the building.
- Provide a detailed inspection of relevant areas within the building subject to Fire Engineering variation approvals to confirm compliance requirements are being maintained and are achieved.
- Examine the maintenance documentation including the maintenance manuals, inspection reports, logbooks and test certificates, to determine the appropriate level of performance & maintenance requirements is being achieved.
- Prepare a customised Essential Services Maintenance (ESM) Manual, incorporating a 12 month maintenance program.
- Monitoring, reporting and tracking the maintenance progress of contractors engaged to service essential safety measures.
- Preparation and/or review of Fire Matrix.
- Witness testing of Full Function Fire Test.
- Preparation of Annual Essential Service Maintenance Report / Annual Fire Safety Statement / Occupiers Statement.
- Hosting a Web Portal for maintaining all relevant documentation to the project and providing appropriate security measures for client access.



Greenslopes Private Hospital, Queensland



PHILIP CHUN PROJECT EXPERIENCE

Philip Chun has been synonymous with projects from the inception of the company. Many years of experience in related projects has seen Philip Chun appointed in the capacity of certifiers, consultants in many public and private projects throughout Australia.

The Perth City Link

The Perth City Link will reconnect Perth city centre with Northbridge for the first time in more than 100 years. Perth City Link is a collaborative project between the Metropolitan Redevelopment Authority (MRA), Public Transport Authority, City of Perth and the Australian Government. Phillip Chun, Perth has been an integral part of this team.

When complete, the Perth City Link will be home to 1,650 new apartments catering for a residential population of approximately 3,060 people. The project will create 244,000 square metres of office / retail space providing opportunities for 13,500 new workers.



Greenland Residential Tower and Hotel, Sydney

Philip Chun's Sydney Building Code consultancy is currently working with the Greenland Group on their high rise development at 115 Bathurst Street, Sydney. The newest icon will provide comfort and a lifestyle unmatched in the heart of Sydney. The Greenland Centre will be an architectural tribute to a truly extraordinary design, featuring elegant living spaces and exceptional detailing, offering cosmopolitan residences that are a benchmark in style and comfort.

The development offers 1, 2 and 3 bedroom luxury apartments together with spectacular sub-penthouses and penthouse residences.



Leighton Properties New Head Office, Sydney

Philip Chun is working with Leighton Properties and award winning Architecture firm Bates Smart on a new office building at 177 Pacific Highway which will be North Sydney's first new commercial building in 6 years.

The 30-level tower will set a new benchmark for office buildings in North Sydney and will incorporate state-of-the-art design elements, large floor plates, sweeping harbour views, full end-of-trip facilities. With a project value of A\$400M, it will target a 5 Star Green Star – Office Design and Office as Built v3 rating as well as a 5 Star NABERS Energy rating.



Perth Children's Hospital (PCH)

Philip Chun is currently providing Building Code and Accessibility Consultancy services to the John Holland Group for this prestigious project in Western Australia.

The \$1.2 billion Perth Children's Hospital will provide the best possible clinical care for future generations and will be the base for continuing WA's outstanding paediatric research. The 298-bed hospital will provide tertiary-level health services and key secondary health services including inpatient and outpatient care and ambulatory care services.



**Australian National University, Canberra
John Curtin School of Medical Research Stage 1, 2 and 3.**



The John Curtin School of Medical Research at the Australian National University is a prestigious medical research facility that counts two Nobel Prize-winners among its alumni.

Philip Chun was integrally involved in the John Curtin School of Medical Research project, stages 1, 2 and 3.

38 Freshwater Place, Southbank, Melbourne

Philip Chun has been engaged to provide Building Code services for this luxury hotel and residential tower development which includes hotel, serviced and residential apartments (consisting of a mixture of 1, 2 and 3 bedroom apartments), above ground car-parking and retail.

The Hotel will consist of a total of 395 guest rooms, conference facilities, health club, 25 meter lap pool and day spa at the top of the building.





QUALITY ASSURANCE AND INSURANCE

Quality Assurance

Philip Chun has a documented Quality System to ensure delivery of an efficient and effective consultancy service. Our expertise in building regulation and control provides a service which strives to achieve the highest levels of design compliance consultancy, with responsible attention to life safety, health, amenity, cost feasibility and the environment.

Our documented Quality Assurance System is modelled on the ISO 9001:2000 Quality Management System and includes:

- A set of procedures that cover all key processes in the business;
- Monitoring processes to ensure they are effective;
- Keeping adequate records;
- Checking output for defects, with appropriate and corrective action where necessary;
- Regularly reviewing individual processes and the quality system itself for effectiveness; and
- Facilitating continual improvement.

Insurances

Philip Chun holds current and up to date insurances as part of state legislative and statutory requirements.

Professional Indemnity Insurance	Limit of Indemnity:	\$20,000,000
Public Liability Insurance	Sum Insured:	\$30,000,000
Workers Compensation	Held in the individual States and Territories as legally required.	



Macquarie University Private Hospital, Sydney



PHILIP CHUN OFFICE LOCATIONS

Melbourne Office

Suite 3, Level 1, 5 Queens Road
MELBOURNE VIC 3004

Phone: 61 3 9662 2200

Fax: 61 3 9662 2749

Email: melbourne@philipchun.com

Sydney Office

Suite 404, 44 Hampden Road
ARTARMON NSW 2064

Phone: 61 2 9412 2322

Fax: 61 2 9412 2433

Email: sydney@philipchun.com

Brisbane Office

27 Stoneham Street
GREENSLOPES QLD 4120

Phone: 61 7 3839 3499

Fax: 61 7 3839 2699

Email: brisbane@philipchun.com

Canberra Office

Unit 2, 24 Richmond Avenue
FAIRBAIRN ACT 2609

Phone: 61 2 6320 7204

Email: canberra@philipchun.com

Perth Office

Suite 27, 22 Railway Road
SUBIACO WA 6008

Phone: 61 8 6166 3833

Email: perth@philipchun.com