







### KIRK

Multip A col Com Advo

Multiple studios using small, project focused teams.

A collaborative practice that supports, creates and explores.

Committed to making authentic buildings and places.

Advocating, advancing & delivering sustainable design solutions.



sustainable design, with studios in Brisbane and Kuala Lumpur.

KIRK has a great interest in the role that well made buildings play in the communities and environments they intend to serve.

With each project we work to make evocative places and buildings that are memorable and clearly legible in terms of how they are spatially organised and constructed.

The practice has a deep passion for developing construction methods and material knowledge to produce unique buildings that respond directly to each client, brief and circumstance.

KIRK's approach to client briefs is not only responsive but also pro-active. The diversity of projects within the practice has developed a robust design sensibility and process.

Each project has the same team leader for all phases which ensures the continual refinement of ideas and building quality and a single point of contact for the client.

### KIRK was established in Brisbane, Australia in 1995 as Richard Kirk Architect. The practice has expertise in architecture, urban design and environmentally

It is through our efforts in the planning process, attention to detail and an intimate approach during construction that fine architecture is made at every scale.

Current and recent projects range in values from \$0.2M to \$1B. The diversity of projects include furniture, landscape, single residences, interior fitouts, university and school buildings, master planning, infrastructure and urban design.

KIRK utilises 3D CAD & BIM technology in each project to enable better outcomes through visualisation of our designs to clients, integration of building services and detailed design resolution.

All architectural services are produced within a Quality Assured process. KIRK has third-party certification in ISO9001.



#### **UQ ADVANCED ENGINEERING BUILDING** BRISBANE, AUSTRALIA

#### AEB establishes a new benchmark for sustainability and explores new possibilities for teaching and learning spaces in engineering disciplines.

The vision for the project was to create a building to celebrate, collaborate, create, learn, innovate and sustain, all within an integrated engineering landscape.

AEB is designed to stimulate innovation, education and awareness of advanced materials and manufacturing processes. The structure of the building is as open as possible, to allow a high level of visibility of processes and equipment to visitors and staff alike.

AEB is a 5 Star Green Star certified building, achieved through the use of simple systems, including a central atrium to introduce tempered air and light into the building, highly efficient façades, mixed mode ventilation, night purging and excellent daylight levels.

**PROGRAM** Research facilities, teaching spaces and office accommodation for the School of Civil Engineering and the Queensland Centre for Advanced Materials Processing and Manufacturing (AMPAM)

**CLIENT** University of Queensland

**AREA** 20,000m<sup>2</sup>

**COST** \$135M AUD

**STATUS** Completed

#### **AWARDS**

2014 AIA National Sir Zelman Cowen Award, Emil Sodersten Award, National Award for Sustainable Architecture

2014 AIA Qld FDG Stanley Award, GHM Addison Award, Harry Marks Award, John Dalton Award, Regional Commendation

2014 Australian Timber Design Awards for Engineered Timber, and Recycled Timber

Project in joint venture with Hassell.





CULTURAL







FOURTH FLOOR







FIFTH FLOOR



THIRD FLOOR



SIXTH FLOOR

AEB has challenged the traditional concept of the university workplace, with fewer closed cellular spaces and a central atrium that is the heart of the building. AEB has facilitated the transformation of engineering education through all aspects of research, postgraduate training and undergraduate education. The themes drawn from this potential are: a Working Building, a Transparent Building, an Expressive Building, an Interactive Building, a Flexible Building, a Sustainable Building.

AEB is a 5 star Green Star As-built certified building. This has been facilitated through the use of simple systems, including a central atrium to introduce tempered air and light into the building, highly efficient facades, mixed mode ventilations, night purging and excellent daylight levels.

"The AEB is a great testing ground for students who have strong prospects of becoming leaders in the industry and society. They can look to the record of the many high-impact engineering alumni who precede them and have access to a building that doubles as a sustainable engineering tool."

Professor Peter Høi Vice Chancellor and President of The University of Queensland



The AEB is a benchmark for innovation in learning, research and collaboration spaces for engineering disciplines. The new facility has generated a world class environment for the School, transforming the possibilities in research and education, and augmenting its reputation on an international stage.

The legacy of the project in terms of sustainability, is to demonstrate the potential for innovation beyond the defined limits of established targets, engage with renewable resources, and to promote under-utilised but inherently sustainable local industry. The benefit of the self-finished materials is also their inherent to be robust and durable over time in order to meet that key requirement of a sustainable building - a long life.







EDUCATION & PUBLIC

CULTURAL

RESIDENTIAL







CULTURAL



#### **QUT CREATIVE INDUSTRIES PRECINCT 2** BRISBANE, AUSTRALIA

### "The building needs no user manual, and as I suspected, the students will lead the culture in the spaces."

#### Greg Jenkins

Head of Studies, School of Media, Entertainment and Creative Arts, QUT Creative Industries Faculty

CIP2 is a world class innovative creative industries facility, with twelve dedicated and inter-disciplinary studios for Dance, Music, Drama and Visual Arts. The building's key function as the new home for the creative disciplines was an opportunity to make a landmark facility for both University and community. The co-location of diverse creative disciplines provided an opportunity for the building to have a rich expression.

CIP2 is connected to the broader university and arts community via new digital technologies to facilitate the creation of an internationally networked hub of creative enterprise and cultural experience.

Re-purposed Heritage Listed buildings have been carefully restored and adjacent new works have been sensitively designed & sited.

KIRK's extensive experience with acoustic separation and structural isolation detailing is leveraged to stack the double height studio volumes vertically, maximising ground floor public and exhibition areas and provide transparency (through extensive glazing) into the dynamic dance, movement and music studios.

The CIP2 project has achieved a 5 star Green Star Design rating and is targeting a 5 star As-built rating.

**PROGRAM** Multi-purpose education facility comprising of teaching and learning spaces, office accommodation and specialist studios for the creative arts faculty (music, dance, drama and visual arts)

**CLIENT** Queensland University of Technology

**AREA** 12,000m<sup>2</sup>

COST \$71M AUD

**STATUS** Completed

\*Project in joint venture with Hassell.







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### UQ LEARNING INNOVATION BUILDING BRISBANE, AUSTRALIA



display internal activities to the wider campus.

The site is located in a prominent precinct with the University if Queensland's St Lucia campus and is situated between existing heritage listed university buildings as part of the Great Court Complex.

The design process intentionally maintains and improves 'hidden' or secondary pedestrian links to surrounding spaces and buildings. Public courtyard space adds to an existing sequence of external spaces within the campus, including the Great Court.

A three-storey high void space links the horizontal floor plates vertically, improving the internal environment and contributing to the overall efficiency of the building.



### A design that is sensitive to surrounding heritage buildings, pedestrian links and campus activity; resulting in a complex external form and transparent facades to

**PROGRAM** Office space dedicated to the innovation of teaching and learning; audio-visual integrated landscape courtyards, and flexible seminar spaces.

**CLIENT** University of Queensland

**AREA** 2.250m<sup>2</sup>

**COST** \$12.5M AUD

**STATUS** Completed

#### **AWARDS**

2016 RAIA State Award for Educational Architecture & Sustainable Architecture





# The six storey multi-purpose teaching building for the International Language School occupies the most prominent site on Campus and overlooks the University Forecourt.

The project responds to the site by addressing its largely landscaped setting and the surrounding buildings. The building's success lies in the manner in which it engages with the existing campus master plan and provides the University with a new building typology that exemplifies advances in the inclusion of Environmentally Sustainable Design (ESD) features in university buildings (natural day lighting, rainwater re-use and monitoring).



**PROGRAM** Multi-purpose teaching rooms, lecture theatre, offices, breakout terraces, TEAL (Technology Enabled Active Learning) Environments.

**CLIENT** University of Queensland

**AREA** 10,000m<sup>2</sup>

COST \$40M AUD

**STATUS** Completed

#### **AWARDS**

2009 RAIA QLD FDG Stanley Award for Public Architecture2009 CCAA Public Domain Award2009 RAIA QLD Regional Commendation2008 IES Lighting Design Awards of Excellence



CULTURA

#### NTU LEARNING HUB (THE ARC) SINGAPORE



### A vibrant campus heart that promotes active social learning - a building that opens and embraces a revitalised landscape setting.

The Learning Hub is defined as a series of 'learning platforms' tuned to setting and place, allowing a multitude of futures in learning patterns, modes and technologies. Its open curves, translucency and permeability create a civic gesture at the North Spine, creating cross-campus links to the buildings around.

The design response transcends the cellular planning model and becomes a more effective open learning environment allowing NTU to move away from traditional, passive learning.



**PROGRAM** Lecture theatres, TEAL facilities, student hub and chillout zones, food and retail tenancies, workshop space.

CLIENT Nanyang Technological University, Singapore

AREA 14,500m<sup>2</sup> GFA

COST \$43.5M SGD

**STATUS** Completed

\*Local Architects DCA Architects Pte Ltd

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#### UTS BLACKFRIARS PRECINCT RESEARCH BUILDING SYDNEY, AUSTRALIA



#### A building that sits within it's landscape as if it's always belonged. Ensuring a prioritised ground plane, sympathetic scale and materials that reflect the surrounding heritage.

The vision for the Black Friars Precinct Research Building (BFRB) was to create a new industry hub that is both innovative and connected to the urban fabric in which it sits. As a leader in the community, this new building could further set UTS apart as a benchmark for connected, progressive and global Universities.

The new BFRB posed a challenge to integrate a 21st century building into what is a very cohesive, finely grained and historic educational site. The site is significant as a complete city block of 19th century buildings with a shared palette and fine grain articulated forms. A response was developed to this through a careful reading of the site's scale, form, materiality and spatial qualities.



CLIENT University of Technology Sydney, Australia AREA 5,300m<sup>2</sup> GFA COST \$38m AUD STATUS Design Competition

CULTURAL

#### NORTH QUEENSLAND UNIVERSITY BUILDING QUEENSLAND, AUSTRALIA

Concept Design for a new Biosecuri research University.



### Concept Design for a new Biosecurity Precinct for a leading tropical health

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### ABC HEADQUARTERS BRISBANE, AUSTRALIA



#### "Richard Kirk has concentrated a pronounced expression of the ABC's function and purpose in an emblematic crescendo of form and space..."

Michael Keniger in Architecture Australia May/June 2013

The ABC Brisbane Accommodation building achieves a stimulating and healthy work environment, able to change in line with the future demands of the national broadcaster. The importance of ensuring a degree of flexibility and future proofing for the ABC reflects the unique requirements and needs of the deadline-driven media industry.

The prominent and public nature of the South Bank site is reflected in the buildings internal shared spaces which are open and transparent. The priority placed on such space reinforces the ABC's public ownership and promotes a sense of community within the building. These spaces also support informal interaction and collaboration among building users who would otherwise be spread and separated across the various floors and areas.

The project was awarded a 5 star Green Star by design rating and is targeting a 4.5 star NABERS as-built rating.

![](_page_16_Picture_8.jpeg)

**PROGRAM** Cross-platform media production centre consisting of radio and TV studios, post-production facilities, online services, orchestra rehearsal hall, music practice studios, open plan office space and retail tenancies

**CLIENT** Australian Broadcasting Corporation

**AREA** 15.000m<sup>2</sup>

COST \$70M AUD

**STATUS** Completed

#### AWARDS

2014 ASI QLD & NT Steel Excellence Awards - High Commendation for Steel Excellence in Clad Structures

2013 AIA Regional Commendation - Commercial Architecture

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![](_page_17_Picture_1.jpeg)

![](_page_17_Picture_2.jpeg)

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#### **QUEENSLAND SYMPHONY ORCHESTRA** BRISBANE, AUSTRALIA

& Radio production studio for the ABC.

Virtual acoustic modelling resulted in the design of operable acoustic panelling (absorbers, and reflective and diffusing elements), fine-tuned by KIRK and acoustic engineer ARUP in an iterative process. Numerous design modes manipulate operable elements and allow the MPS to cater for a diverse range of orchestral music, as well as radio and television production.

![](_page_18_Picture_4.jpeg)

### The purpose-built, 600m<sup>2</sup> Media Production Studio (MPS) functions uniquely as a rehearsal space for the Queensland Symphony Orchestra (QSO) and as a TV

PROGRAM 250-seat media production studio, music practice studios and post-production facilities

**CLIENT** ABC & Queensland Symphony Orchestra

AREA 600m<sup>2</sup>

**STATUS** Completed

![](_page_18_Picture_11.jpeg)

EDUCATION & PUBLIC

CULTURAL

![](_page_19_Picture_0.jpeg)

poetry of cast-off materials"

Fitzgibbon Community Centre provides the new neighbourhood with a vibrant, active community hub within a typically Australian landscape setting.

Situated near regenerated bushland, the Centre redefines and redeems a relationship to the landscape in built form.

The 'heart' of the scheme is a large open covered space, which forms a gateway on the axis from the new commercial centre of Fitzgibbon to the bushland tracks and trails to the North. This gateway acts as a starting and finishing point for the trails, with essential amenities and a retail outlet.

The building addresses its street frontage without being sited on the street, with its facade line modified to incorporate existing trees on site. This in turn helps with the varied building program.

#### "With an oxidised steel shell wrapping around a series of community gathering spaces, Richard Kirk has marked the importance of place while re-asserting the

Steel Profile 114 April 2013

**PROGRAM** Community Centre with offices, community kitchen and multipurpose spaces, allied health

**CLIENT** Urban Land Development Authority

**AREA** 600m<sup>2</sup>

COST \$2.9M AUD

**STATUS** Completed

PUBLICATIONS Detail Magazine - Konzept, Issue 9, Series 2014

**AWARDS** 

2015 AIA State Colorbond Award for Steel Architecture

2015 AIA Regional Commendation

2012 Australian Steel Institute National Award Clad Structures Steel Design

2012 Australian Steel Institute QLD State Award Clad Structures Steel Design

#### **TOWNSHIP MASTER PLAN** CYBER JAYA, MALAYSIA

![](_page_20_Picture_1.jpeg)

KIRK are leading a multi disciplinary team to design and deliver this 375 acre township development 30 kilometres south of Kuala Lumpur City Centre and 20 kilometres north of Kuala Lumpur International Airport.

The Planning and design principles are climatically responsive to provide optimal solar orientation and to enhance natural breezes. The township layout focuses on making pleasant pedestrian links to provide easy access to parklands, commercial Centres and Community Facilities.

These key design principles are

- Interconnected Precincts- a community within the neighbourhood
- Accessibility to Green Space- Malaysia's first master planned biophilic community

![](_page_20_Picture_8.jpeg)

A new benchmark for an affordable township community for sustainability, liveability and lifestyle, health and well being by creating a vibrant and wellconnected community with a green and open space focus and healthy buildings.

- Micro-climate Optimisation Malaysia's first climatically optimised master planned community
- Sustainable Site Management Efficient and resilient servicing and infrastructure
- Fine Grain Housing Typologies New housing typologies to create market differentiation

**PROGRAM** Residential Township

**CLIENT** Confidential

AREA 375 acre

**STATUS** Planning Approval

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#### RESIDENTIAL RESORT MASTERPLAN MALAYSIA

![](_page_21_Picture_1.jpeg)

### A fully integrated resort, golf and residential destination set within a lush tropical forest and parkland environment.

A redevelopment master plan for an established resort development on a 130 hectares hinterland site.

Golf and landscape are as the key drivers of brand with the creation of clearly defined and appropriately scaled development precincts inclusive of resort, commercial, hillside residential golfside and affordable living.

A range of new residential villages nestle within the established forest landscape.

![](_page_21_Picture_6.jpeg)

The master plan consolidates and enhances the existing resort hub with additional facilities and improved public space amenity.

**PROGRAM** Resort and Golf Course redevelopment with new residential and commercial components.

AREA 128 ha

**STATUS** Documentation Complete

![](_page_21_Picture_12.jpeg)

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![](_page_22_Picture_0.jpeg)

#### COMMERCIAL PRECINCT BRISBANE

KIRK was invited to design a scheme for a new state-of-the-art commercial building at the edge of the Brisbane CBD.

KIRK proposed two independent buildings that facilitated meaningful cross block links that would link the development to the wider community.

The buildings are designed to support multi-tenant occupancy on a floor-by-floor basis and aim to exceed 5 green star sustainability standards and achieve one of the first WELL Building Standard ratings in Australia.

![](_page_22_Picture_5.jpeg)

PROGRAM State-of-the-art office facility CLIENT Confidential AREA Target 30,000m<sup>2</sup> NLA COST Confidential STATUS Design Competition

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CULTURAL

#### **RESIDENTIAL DEVELOPMENT** KUCHING, MALAYSIA

## A new benchmark for medium and high density living in Kuching in terms of liveability, quality of design, sustainability and amenity.

![](_page_23_Picture_2.jpeg)

The residences are housed in 3 towers ranging from 8-12 levels in height, 3 lower rise buildings of 3 bedroom units and an 8 level street fronting building.

The project goes above and beyond government planning requirements. This is achieved through ample setbacks, generous landscape areas and vehicular parking over and above the planning requirements. The orientation and the stepped form of the buildings with open spaces in

The orientation and the stepped form of the buildings with open spaces in between reduces visual impact and allows natural breezes and sunlight to flow through the site and into the neighbouring residential lots.

The units themselves are open, light and airy where the space planning encouages natural ventilation and access to views and natural light. Living spaces have generous openings and balconies that afford distant panoramic views.

PROG Clien Area

**PROGRAM** Residential Development (322 Units)

**CLIENT** Confidential

AREA 31,256m<sup>2</sup>

![](_page_24_Picture_0.jpeg)

#### WHITE DAWN APARTMENTS BRISBANE, AUSTRALIA

White Dawn is a new medium density development for BPM occupying an inner-urban infill site in Toowong, Brisbane. Wrapped in a distinctive façade treatment, the building is deliberately singular and expressive to form a clear and identifiable character, and provide a unique contribution to the precinct.

The project provides 1, 2 and 3 bedroom apartments over 8 levels with city views to the north-east. The apartments address Memorial Park – one of Toowong's largest green spaces and provide an ideal visual and physical connection to this popular outdoor landscape. Maximising the relationship to this green space, the development will provide significant rooftop amenity through landscape planting, terraces and entertaining areas, reflecting the inner urban location and sub-tropical climate.

![](_page_24_Picture_4.jpeg)

The façade will utilise new composite material technology to produce a simple and effective expression, whilst being durable. This will avoid undue weathering to this primary element and ensure its longevity. This façade seeks a different approach to the multi-residential building language and challenges the common dimensions, elements and finishes of apartment balconies. This offers a dynamic and engaging frontage that appeals both internally and from the street.

**PROGRAM** 1, 2, and 3 bed apartments, roof terrace with BBQ and pool areas, basement car park

**CLIENT** BPM

**AREA** 5,600m<sup>2</sup>

**STATUS** Construction 2017

CULTURAL

![](_page_25_Picture_0.jpeg)

# The plan is organised to address views of the city to the North-East and Mt Coot-tha to the South-West. The resulting footprint provides private courtyards and terraces adjacent to main living spaces.

Rosalie Residence is located in one of Brisbane's established inner city suburbs. The five-bedroom family home sits on a hillside among the peaks and gullies that characterise the suburb of Paddington. The house rises from a solid base as a 3-storey lightweight structure. The exterior is predominantly recycled Tallowwood shiplap boards and pro-woathered zinc cladding – generating a reinterpretation

The exterior is predominantly recycled Tallowwood shiplap boards and pre-weathered zinc cladding – generating a reinterpretation of the timber and tin tradition prevalent in the area.

![](_page_25_Picture_4.jpeg)

![](_page_25_Picture_6.jpeg)

CULTURAL

#### TINBEERWAH RESIDENCE SUNSHINE COAST, AUSTRALIA

Tinbeerwah Residence is a semi-rural retreat located in the Sunshine Coast hinterland for an international client. The design continues KIRK's commitment to simplicity of form and planning. Great emphasis was placed on the material qualities of the house, with a shared commitment between Client and Architect to produce a building that will age and mature over time.

The materiality of the dwelling is defined by an exterior and interior skin. The external zinc cladding acts as a robust barrier to the elements, wrapping and folding to protect the inner envelope generally made of bespoke timbers employed as facade systems and cladding layers. The internal skin is comprised of a number of timbers selected for their durability and colour. The timber is tailored like bespoke joinery to the specific requirements of each space and treated in a similar manner whether internal or external.

The exterior cladding is largely custom profile Western Red Cedar which continues seamlessly into the interior. Western Red Cedar is sustainable and durable making it suitable for the environment of the Sunshine Coast. The distinguishing feature of the timber is its ability to weather naturally to reach a silver colour.

![](_page_26_Picture_5.jpeg)

![](_page_26_Picture_6.jpeg)

Siting of the residence has been carefully considered to respond to environmental conditions and control the transition from the designed landscape of the residence to the natural bushland beyond.

CULTURAL

#### **SELECTED PROJECTS**

![](_page_27_Picture_1.jpeg)

University of Queensland (UQ) Business School, Brisbane, Australia

![](_page_27_Picture_3.jpeg)

Anting New Town School, Anting, China

![](_page_27_Picture_5.jpeg)

Multi-Purpose Hall, Brisbane, Australia

![](_page_27_Picture_7.jpeg)

Cutting Edge, Film and Television Post Production, Brisbane, Australia

![](_page_27_Picture_9.jpeg)

Cremated Remains Hall, Nilai, Malaysia

![](_page_27_Picture_11.jpeg)

Nanyang Technological University (NTU), Academic Building North, Singapore

![](_page_27_Picture_13.jpeg)

Hotel Urban, Brisbane, Australia

![](_page_27_Picture_15.jpeg)

Business Park Office, Singapore

![](_page_27_Picture_17.jpeg)

The Mill, Brisbane, Australia

![](_page_27_Picture_19.jpeg)

Ministry of Education Building, The Goh Keng Swee Centre for Education at One North, Singapore

![](_page_27_Picture_21.jpeg)

Tianjin Binhai Lake Resort, Binhai New Area, China

![](_page_27_Picture_23.jpeg)

Technology Hub, Gold Coast, Australia

![](_page_28_Picture_0.jpeg)

WW1 + WW2 Memorial, Canberra, Australia

![](_page_28_Picture_2.jpeg)

Nanyang Technological University (NTU), Residential Hall, Singapore

![](_page_28_Picture_4.jpeg)

KLCSI Elderly Day Care Community Centre, Kuala Lumpur, Malaysia

![](_page_28_Picture_6.jpeg)

Courtyard House, Brisbane, Australia

![](_page_28_Picture_8.jpeg)

Iskandar Waterfront Development Masterplan, Johor, Malaysia

![](_page_28_Picture_10.jpeg)

Granville Residence, Brisbane, Australia

![](_page_28_Picture_12.jpeg)

Highgate Hill Residence, Brisbane, Australia

![](_page_28_Picture_14.jpeg)

Richards Residence, Brisbane, Australia

![](_page_28_Picture_16.jpeg)

Elysium Lot 170, Noosa, Australia

![](_page_28_Picture_18.jpeg)

Wilston Residence, Brisbane, Australia

![](_page_28_Picture_20.jpeg)

Arbour House, Brisbane, Australia

![](_page_28_Picture_22.jpeg)

Elysium Lot 176, Noosa, Australia

## kirk

#### **BRISBANE STUDIO**

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#### KUALA LUMPUR STUDIO

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![](_page_29_Picture_7.jpeg)

MAGE: ADVANCED ENGINEERING BUILDING, UNIVERSITY OF QUEENSLAND