
Joe Catanzariti—

Director – Eastern Region



Experience Overview—

Joe has over 27 years experience in leading engineering teams for the design and construction of major building structures. With BG&E for 19 years and a Director since 2005, he has extensive experience at a senior level on a range of structural projects and continues to have hands-on involvement from the Concept Design through to Construction stage. Joe's responsibilities on projects include:

- Overall responsibility for BG&E's involvement on the project
- Contributing significantly in the Concept Design stage
- Attendance at Value Management Sessions and Principal Consultant Meetings
- Direct availability for Client contact

Structural Engineering

Has been involved in a very wide range of building projects including major high rise office and residential buildings, major commercial and retail centres, hotels, university and school campus buildings and large scale housing developments and major building refurbishments.

- Pacific National Alliance Maintenance Facility, Nebo, QLD
- Chatswood Transport Interchange - Independent Verifier
- Swanbank Paper Mill
- Penola Pulp Mill
- Heywood Pulp Mill
- News Limited Complex, Chullora, NSW
- Harold Park Development, NSW
- Castle Towers Shopping, Centre, NSW
- Rhodes Waterside, Rhodes
- Balgowlah Village Development
- Broadway Shopping Centre Redevelopment
- Peter Johnson Building, UTS, Broadway, NSW
- Blackfriars Building, UTS, Broadway, NSW
- Wilkinson Building, UNSW, Sydney, NSW
- Sir Robert Webster Building Refurbishment, UNSW, Sydney, NSW
- School of Performing Arts, UWS, Penrith, NSW

Position—

Director BG&E Pty Ltd

Qualifications—

Bachelor of Engineering (Civil) Hons, MIEAust.

Member of The Institution of Engineers, Australia (No. 27895)

Member of the Board of Professional Engineers Queensland (No. 07327)

Member of Building Practitioners Board Victoria (No. EC 23589)

Career Milestones—

2005 / Appointed Director of BG&E

2000 / Appointed Associate of BG&E

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- Geography & Survey Building Refurbishment, UNSW, Sydney, NSW
- Rose Bay Secondary College, Rose Bay, NSW
- Village Central, Wyong
- Birkenhead Point Shopping Centre Redevelopment
- Swanbank Paper Plant
- The Residences, Dubai
- Bellagio at Harbourside, Homebush Bay
- The Waterfront, Homebush Bay
- Rydges Hotel, Sydney CBD
- Horizon Residential Development, Sydney
- Market City Development, Sydney
- Southern Distribution Park, Goulburn, NSW

Forensic Engineering

Has provided expert advice or opinion on a wide variety of structural problems to construction companies and specialist sub-contractors.

- 321 Pitt Street, Sydney
- MLC Tower Façade, Sydney
- Macquarie Apartments, Sydney
- Market City Development, Sydney
- Rex Apartments, Potts Point

Condition & Due Diligence Reporting

Has carried out an extensive range of building inspections on a regular basis for Client audits, pre-purchase inspections and due diligence reports on a large number and wide variety of buildings.

- Broadway Shopping Centre, Sydney
- Village Central, Wyong
- M Central - Apartment Building Conversion, Sydney
- Lumina Apartments, East Sydney
- 321 Pitt Street, Sydney
- 259-261 Clarence Street, Sydney
- Four St George Bank Buildings, Kogarah & Sydney

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Detailed Project Experience—

Birkenhead Point Shopping Centre Redevelopment - NSW

Redevelopment of existing shopping complex, consisting of several retail buildings, underground and above ground carparking, office building and marina structure.

Swanbank Paper Plant

Management of design team for proposed fine coated paper plant in Ipswich, Queensland. Currently at preliminary documentation phase.

The Residences - Dubai

Management of design team of six apartment towers between 35 to 45 levels, currently at design and documentation phase.

Bellagio at Harbourside - Homebush Bay, NSW

Management of design team for 145 residential apartments, currently at design and documentation phase.

Rhodes Waterside Development – Rhodes, NSW

Management of design team for residential apartments spread over three adjacent sites, currently at DA stage.

The Waterfront - Homebush Bay, NSW

Management of design team of 267 residential apartments spread over three adjacent sites on reclaimed land. Foundations are driven precast concrete piles with post-tensioned suspended floor slabs. Project Value \$60m.

Market City Redevelopment - Haymarket, NSW

Project Engineer involved in the design and site supervision of a partially completed retail centre and "The Peak", a 48 storey residential apartment tower on the old Paddy's Market Site. Project involved major demolition and reconstruction to suit new Client requirements. Due to the complexity of the project, I was based on site for two years during the construction stage. Project Value \$135m.

Market City Reading Cinemas – Haymarket, NSW

Project Engineer involved in the design and site supervision of five cinemas with a total of 800 seats within the completed Market City Complex. Project Value \$3m.

The Horizon – Darlinghurst, NSW

Project Engineer involved in the design and site supervision of a 46 storey residential apartment tower and basement carpark structure.

"The Elizabeth" – Pyrmont, NSW

Project Engineer involved in the design and site supervision of a 12 storey residential apartment tower and basement carpark structure. Project Value \$30m.

Regatta Wharf – Pyrmont, NSW

Design Engineer responsible for the design of the columns, foundations and post-tensioned slabs for the 4 medium rise residential towers and 3 level carpark structure below the Sydney Harbour water level. Project Value \$80m.

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Rydges Hotel Jamison Street – Sydney, NSW

Design Engineer involved in the design of the lower ground floor reinforced concrete structure. Project Value \$80m.

All Seasons Hotel Development – Rosehill, NSW

Project Engineer involved in the design and site supervision of a seventeen storey hotel complex including underground carparking. The boundary retention wall system had previously been constructed. Project Value \$20.4m.

Lumina Apartment Refurbishment - East Sydney

Project Engineer involved in the design and site supervision of the refurbishment of an existing office building to an apartment complex. Project Value \$20.5m.

All Seasons Hotel Development – Rosehill, NSW

Project Engineer involved in the design and site supervision of a seventeen storey hotel complex including underground carparking. The boundary retention wall system had previously been constructed. Project Value \$20.4m.

Illawong Retail Centre

Design, documentation and construction supervision of \$25m mixed retail/ residential development.

Botany Industrial Complex – Botany, NSW

Design Engineer in the process of preparing schematic details for the multi level industrial manufacturing and storage facility for submarine cables, including large steel tanks for storage. Structure to be constructed on reclaimed land. Project Value \$6m.

Chipping Norton Industrial Complex - Chipping Norton, NSW

Design Engineer responsible for the design of 16 factory units with office facilities. Predominantly concrete precast wall panels with stabilising roof steelwork structure. Project Value \$3m.

Castle Hill Day Surgery - Castle Hill, NSW

Design Engineer involved in the design of the roof steelwork over the four storey medical centre. Also responsible for site supervision during the construction stage. Project Value \$7m.

Rex Hotel Development - Kings Cross, NSW

Design Engineer involved in the design of the vertical elements and foundations for a 12 storey hotel complex. Also responsible for site supervision during the construction stage. Project Value \$30m.

Furama Hotel Extensions - Sydney

Project Engineer involved in the design and site supervision of a 13 storey hotel complex. Foundations and lift overrun pit had previously been constructed. Project Value \$20m.

Geography and Survey Building, UNSW - Sydney

Project Engineer involved in the design and site supervision of an eight storey extension to the north of the existing building. Project Value \$7m.

Sir Robert Webster Building, UNSW - Sydney

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Design Engineer involved in the refurbishment design to the east wing section of the building. Project Value \$12m.

University of Western Sydney, Performing Arts Centre - Sydney

Design Engineer involved in the design of the reinforced concrete slabs for the 2 and 3 storey structure for the Performing Arts Centre. Project Value \$15m.

Leichhardt Municipal Council Seawall Repair - Leichhardt, NSW

Project Engineer responsible for the design, site supervision and contract administration for seawall reconstructions of Lilyfield Road, Leichhardt and Bicentennial Park, Rozelle Bay.

Junee Correctional Centre - Junee, NSW

Design Engineer involved in the design of the roof steelwork, tilt-up panels and foundations for the Correctional Centre. The steelwork was designed to stabilise the tilt-up panels once erected. Project Value \$25m.

James Hardie Extensions - Camellia, NSW

Design Engineer responsible for the design of the steel portal frames, roof and floor beams for the extensions / modifications to the existing buildings.

Malaysian Nose Hanger - Malaysia

Design Engineer involved in the preliminary design of the roof trusses for the nose hanger at the Malaysian Airport.

Richmond Air Base Nose Hanger - Richmond, NSW

Design Engineer responsible for the upgrade design of the existing nose hanger at Richmond Air Base. Existing trusses were required to be upgraded to allow for maintenance platforms to be hung from the existing trusses with tight deflection controls.

Roseville Cinema Extensions - Roseville, NSW

Design Engineer responsible for the design of the extensions to the cinema above the existing cinemas while still in operation.

Sydney Printing Complex, News Limited - Chullora, NSW

Project Engineer involved in the design of the steel roof trusses over the Press Hall, Mail Room and Despatch Area covering an area of approximately 200m x 180m. Also involved in the design of the hanging steelwork from the Mail Room trusses for the "ferag" equipment. I was also the Site Engineer and was based on site for two years during the construction stage. Project Value \$110m.