

2020

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# *CAPABILITY STATEMENT*

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**MJMM**  
CONSULTING ENGINEERS  
CIVIL • STRUCTURAL • BUILDING DESIGN • PLANNING

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# MJM CONSULTING ENGINEERS

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*“As a multi-disciplinary firm, we aim to add value to a project by providing an integrated design solution and quality service to our clients. The client is a valued member of our project team”*

Established for over 15 years, MJM Consulting Engineers is the premier multi-disciplinary consultancy firm servicing the Riverina, MIA, Southern Tablelands and beyond.

We offer a wide range of professional consulting services delivered by a team of qualified engineers, designers, draftsmen and professional planners.

The MJM Consulting Engineers team is both qualified and experienced across the fields of building design, town planning and civil and structural engineering. Our team competently manages residential, commercial, industrial, agricultural and local government projects.



Our client base ranges across developers, builders, homeowners, business owners, major industries, real estate agents, solicitors, local government and other government agencies. The sustained growth of our company can be attributed to repeat engagement by our valued clients across the Riverina, MIA, Southern Tablelands and wider regions.

Our work ranges from designing your dream home, renovation or other residential structures, to commercial premises, warehouses and workshops, to subdivisions, civil projects and masterplanning.

Whatever the project, MJM have a dedicated team to drive successful outcomes.

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# Personnel

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*MJM's dedicated team of designers, engineers, draftsmen, professional planner and support staff possess all relevant qualifications and memberships to professional associations.*

## **MICHAEL MCFEETERS**

### **DIRECTOR/CIVIL DESIGN MANAGER**

*Dip. Civil Design, Member of The Institution of Surveyors NSW Inc #4852, Assoc. Dip. Frontline Management, Cert IV Project Management*

Michael McFeeters has almost 30 years of experience in the Civil Engineering industry and held a number of civil engineering roles before establishing MJM Consulting Engineers. In addition to his role as company director, Michael oversees all design and management functions within the Civil Engineering division.

Michael has a wealth of knowledge of infrastructure and development in the region and is greatly experienced in the design of roads, sewer and drainage for a range of civil, industrial, rural and residential applications.

Michael is highly skilled in the use of engineering drafting and design programs including AutoCAD and 12D software and has also developed many in-house programs to assist in design and project planning/management functions. Michael takes a hands-on approach through all phases of projects, leading and coordinating other elements of the project team and has a high level of knowledge of planning and development issues.

## **BRENDAN SHUMACK**

### **DIRECTOR/BUILDING DESIGN & STRUCTURAL MANAGER**

*Assoc. Dip. Engineering, Cert IV Architectural Technology, Cert IV Project Management, BDA Accredited, Member of BDA*

Brendan Shumack, also a Director of the firm, has over 25 years of experience as a Draftsmen and Designer for both Civil and Structural Engineering projects. Brendan is highly skilled in the use of AutoCAD and as the manager of the Structural Engineering and Building Design departments, he oversees all drafting and design undertaken by these division of the company.

Brendan's extensive drafting experience across a variety of disciplines is a great asset to the company. He has experience in the drafting and design of industrial facilities, commercial buildings, all types of residential applications as well as civil projects ranging from subdivisions to major infrastructure upgrades.

## **SADDAM MANSOUR (SAM)**

### **SENIOR DESIGN ENGINEER**

*M. Engineering (Structural) B. Engineering (Civil)*

Saddam Mansour moved from Sydney to join the MJM team in May 2018 as our Senior Structural Engineer and has since then become a major asset in our company. Sam has more than 4 years of Structural Engineering experience, specialising in Reinforced Concrete, Post-Tensioned Concrete, High-Rise Building Construction, PT Transfer Plate Design and Value Engineering. Sam is highly skilled in the use of engineering programs such as AutoCAD, SpaceGass, ETaps, StaadPro and SCI Safe.

## **CARINA HERPICH**

### **DESIGN ENGINEER/DRAFTSMAN**

*B. Engineering (Civil), Cert. IV Project Management, Dip. Project Management*

Carina Herpich joined our team in January 2020 after moving from a large company in Sydney, where she has spent the past few months in our Wagga Wagga office. Carina has now relocated to our Griffith office with the intention to undertake Structural, Building Design and Civil work and ideally build our client base around the Griffith area. We have the utmost confidence in Carina's ability and positive attitude and we look forward to seeing her learn and grow in our team.

## **BABAK SHAHBAZI**

### **CIVIL ENGINEER**

*B. Civil & Environmental Engineering, M. Construction Engineering & Management, PhD Construction Engineering & Management*

Babak Shahbazi also joined our team at the beginning of 2020 after completing his PhD in Construction Engineering & Management at the University of New South Wales. Babak has 2 years experience in the workforce and we are happy to have him apply his education in a practical sense across our civil projects. Babak is located in our Wagga Wagga office and contributes to designing and managing projects.

## **ZACHARY SMITH**

### **CIVIL PROJECT MANAGER**

*Cert IV Civil Construction Design*

Zachary Smith has been a part of the MJM team for the longest period, second only to the Directors' Michael & Brendan. Zac has completed his Cert IV in Civil Construction Design and Diploma in Civil Construction Design. During his time at MJM, Zac has become a capable and very experienced civil draftsman and his main role is the preparation of plans for all types of Civil Engineering projects including subdivisions, road upgrades, sewer and stormwater mains extensions and carparking facilities. More recently Zac has taken on the role of our onsite project manager for Residential Subdivisions and is becoming more confident and competent as each project progresses. Zac is a highly valued member of our MJM team.

## **MATTHEW JACKSON**

### **SENIOR DRAFTSMAN**

*Cert III Civil Construction (Pipelaying)*

Matthew Jackson brings almost ten years of practical, hands-on experience of civil construction and quality assurance back into an apprentice design setting, along with a completed Certificate III in Civil Construction (Pipelaying). Matthew is also currently undertaking a Diploma in Civil Construction Design.

## **LUKE TOOZE**

### **BUILDING DESIGNER**

*Adv. Dip. Building Design (Architectural)*

Luke Tooze joined the MJM team in August 2020 and has become an integral member of our building design team. Luke has over 6 years building design experience across residential and commercial projects adding depth to our Building Design and Structural team. Luke undertakes all facets of the building design process including client engagement, site visits and drafting using Revit software.

## **JENNA AMOS**

### **PLANNING MANAGER**

*Dip. Town Planning, Dip. Project Management, Cert. III Business Administration, Planning Institute of Australia Associate Member*

Jenna Amos' role involves coordinating projects from a planning perspective as well as other stand-alone consultant planning services. Jenna has over 7 years' experience in a local government planning setting and undertakes the preparation of Council applications and detailed supporting documentation and reports for a wide range of projects, both large and small, including residential, commercial, industrial and rural developments.

## **ISAAC NAROUIZ**

### **PLANNING ASSISTANT**

Isaac completed his HSC in 2019 and joined the MJM team this year to assist our growing planning section. Isaac is studying a Diploma in Town Planning to gain valuable planning theory knowledge and will gain on-the-job experience assisting in the completion of our planning projects.

## **ANDREW CARRICK**

### **PROJECT COORDINATOR & ADMINISTRATION**

Andrew Carrick's main role involves assisting with project administration, coordination of service/utility authorities and contractors in our projects. Andrew has 25 years experience in project and contract administration in the construction industry and provides a great contribution to the MJM team.

## **TAYLAH ECCLES**

### **OFFICE ADMINISTRATOR**

Taylah is generally the first point of contact when contacting MJM. She assists with client enquiries, obtains information from clients to enable preparation of fee proposals and undertakes many administrative duties to ensure the smooth day to day running of the office. Taylah has completed a Certificate II in Business and is currently undertaking a traineeship with MJM to complete her Certificate III in Business Administration.

## **SUE BOERSMA**

### **ACCOUNT & FINANCE MANAGER**

*B. Business – Accounting, Justice of the Peace*

Sue Boersma, the company's Finance and Accounts Manager has extensive experience as a financial controller. While only working part time hours, Sue is a fantastic asset to the company overseeing our accounting and financial functions.

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# Service Capabilities

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## CIVIL ENGINEERING

### *Design*

- Design using 12D and AutoCAD software, in addition to in-house developed software programs
- Design to AustRoads, RMS, Standards Australia and relevant local government standards and guidelines
- Concept plans for subdivisions and land development
- Master Plans & Neighbourhood Plans
- New road design including layout
- Road and intersections upgrades
- Culvert Design
- Sewer and stormwater mains design to Australian Rainfall and Runoff Standards
- Water and Gas reticulation design
- On-site detention and retention structures and wetlands design
- Erosion and sediment control design
- Works-as-Executed plans for local Council and Service Authorities
- Services/Utilities investigation

### *Project Management*

- Feasibility and Cost Estimates
- Quantity schedules
- Prepare tender documents, obtain and evaluate quotes for civilworks, utilities, surveying services
- Contract management, supply contract documentation
- Represent clients at meetings with local Councils, service/utility authorities and other organisations
- Technical support and advice during construction
- Checking and certification of contractors' payment claims
- Regular reporting to clients
- Coordinate with other relevant stakeholders in the civilworks process, including solicitors, real estate agents, prospective buyers, banking personnel.

### *Supervision*

- On-site supervision
- Regular quality control inspections for earthworks, sediment and erosion control, road construction, sewer and stormwater mains level checking
- Represent clients at on-site meetings with local Councils, service/utility authorities

## STRUCTURAL ENGINEERING

### *Design*

- Design using SpaceGass and Struc Plus Software, in addition to in-house developed software programs
- Design to Australia Standards and local government requirements
- Residential, industrial, commercial, government, rural
- Footings and slabs (Strip footing, raft slab, infill slab, waffle slab)
- Structural steelwork (lintels, beams)
- Columns
- Tilt panels, portal frames
- Mezzanine floors
- Retaining walls
- Sign supports
- Tie down and bracing
- Structural inspections and reporting

### *Residential Projects*

- New homes, extension, renovations
- Unit developments, townhouses, villas
- Garages, carports, residential and commercial sheds
- Pergolas, alfresco areas, verandahs, pavilions
- Retaining walls
- Structural inspection and certification for defects

### *Commercial/Industrial Projects*

- Warehouses, factories
- Office buildings, shop fit outs
- Sheds
- Tilt-up panel construction and portal frames
- Lifting gantries
- Sign supports, goal posts, light towers

## BUILDING DESIGN

Our suite of Building Design plans contains a Site Plan, Site Analysis Plan, Floor Plan, Demolition Plan (where applicable) Elevations Plans, Section Plan, Internal Sewer and Internal Drainage Plans, a BASIX Certificate commitments table (where applicable), BASIX Certificate and other various plans and documents as necessary.

### *Residential Projects*

- New homes, extensions, renovations
- Unit developments, townhouses, villas
- Garages, carports
- Pergolas, alfresco areas, verandahs, pavilions
- Pools and other various plans

### *Commercial/Industrial Projects*

- Warehouses, factories
- Office buildings, shop fit outs
- Sheds

## TOWN PLANNING

We provide the following services for a range of land use planning matter including preparation and lodgement of applications from residential homes, multi unit developments, commercial developments and subdivisions to planning proposals:

- Detailed Statement of Environmental Effects (SEE) reports
- Planning Investigations
- Preliminary Planning Advice
- Review of Environmental Factors Reports
- Planning Proposals
- Analysis of development/land-use options
- Feasibility studies
- Professional planning advice
- Master plans and supporting briefs
- Strategic Land-use Studies
- Developer/client representation, negotiation
- Development Application preparation and lodgement and objections
- Construction Certificate and Subdivision Certificate preparation and lodgement

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## *Subcontractors and Subconsultants*

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MJM regularly work alongside a number of specialised sub-contractors and sub-consultants. We can prepare a scope of works for subcontractor services, obtain relevant quotes, evaluate quotes and manage subconsultants. This takes away the hassle from our clients having to deal with multiple consultants as required on some projects.

### SUBCONTRACTOR AND SUBCONSULTANT SERVICES

- Surveyors
- Geotechnical Engineers
- Landscape Architects
- Electrical Design and Installation Contractors and Consultants
- Gas Design (APA and Jemena)
- Telecommunications (Telstra & NBN) design and installation contractors
- Pressure sewer design consultants
- BCA Compliance and Private Certification Consultants
- Section J BCA Compliance consultants



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# *Insurances*

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- *Professional Indemnity Insurance* for \$10,000,000 is held with Lloyd's of London via About Underwriting Pty Ltd.
- *Public Liability Insurance* is held for \$20,000,000 with Elders Insurance Limited.
- *Workers Compensation Insurance* is held with iCare Workers' Insurance (NSW).

## MJM CONSULTING ENGINEERS

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