



PSPROJECTS GROUP

STRUCTURAL SOLUTIONS

Capability Statement

Office

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Contact

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About PSPG

Turnkey structural solutions experts,
on a mission to improve the way we build.



At PSPProjects Group, we pride ourselves on our versatile capabilities, adept at handling standard construct only structural projects however, where we truly provide value is in the realm of complexity.

We thrive on challenges that demand innovative thinking, intricate problem-solving, and a deep understanding of nuanced details where we can offer tailored design and construct structural solutions.



Our Services

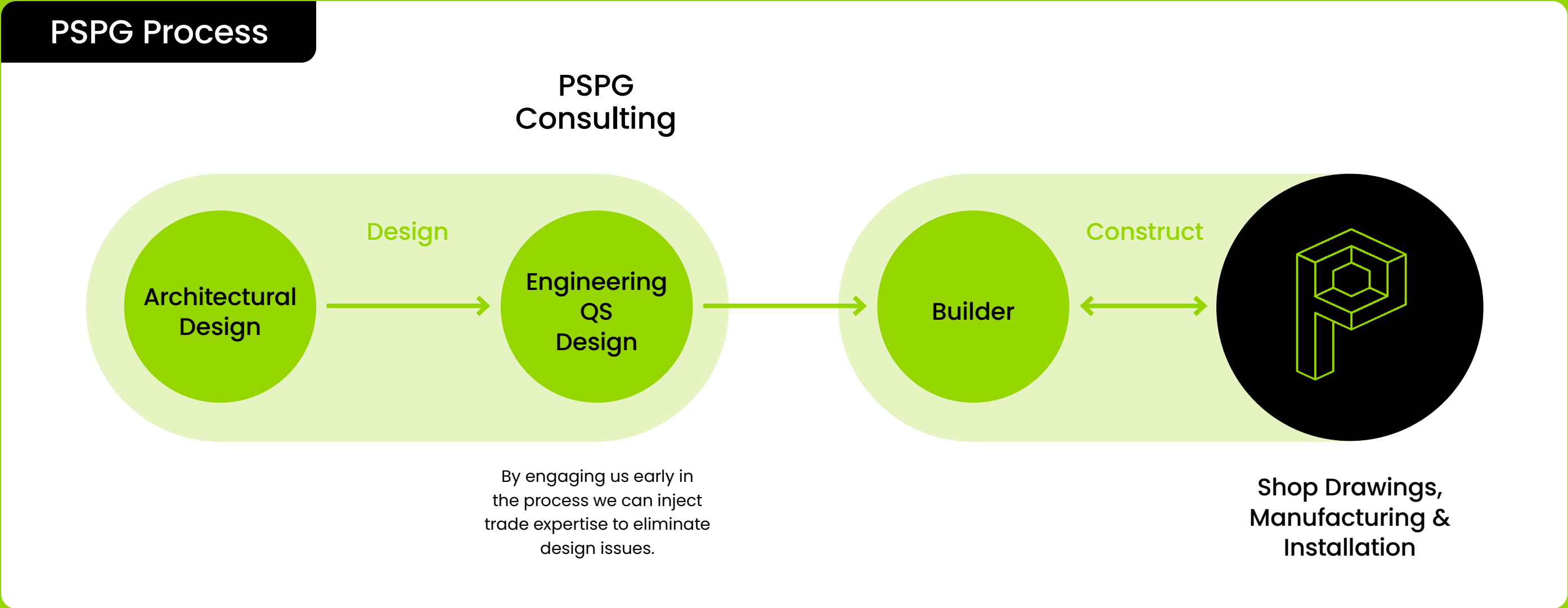
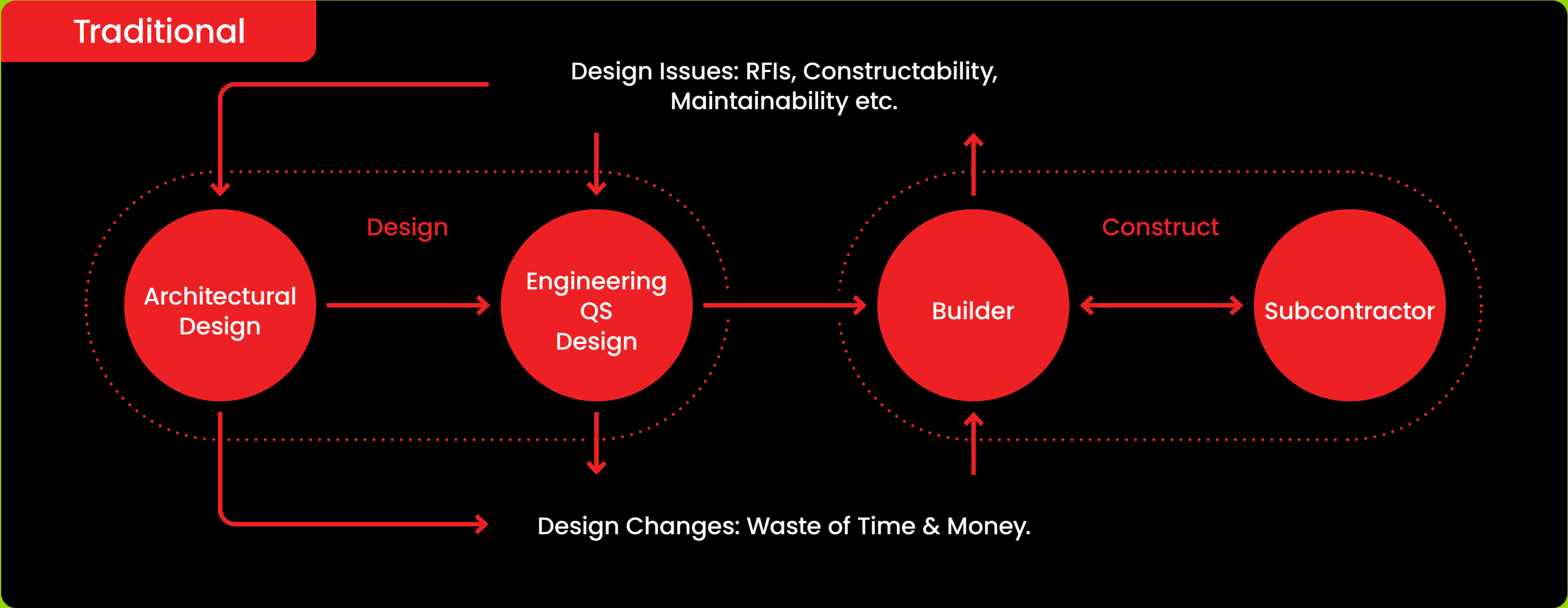
From concept to completion, PSPG collaborates closely with clients, architects and contractors to provide advice and deliver tailored solutions.



Project Management

We provide end-to-end project management, value management and trade expertise to meet all your design and construct structural requirements.

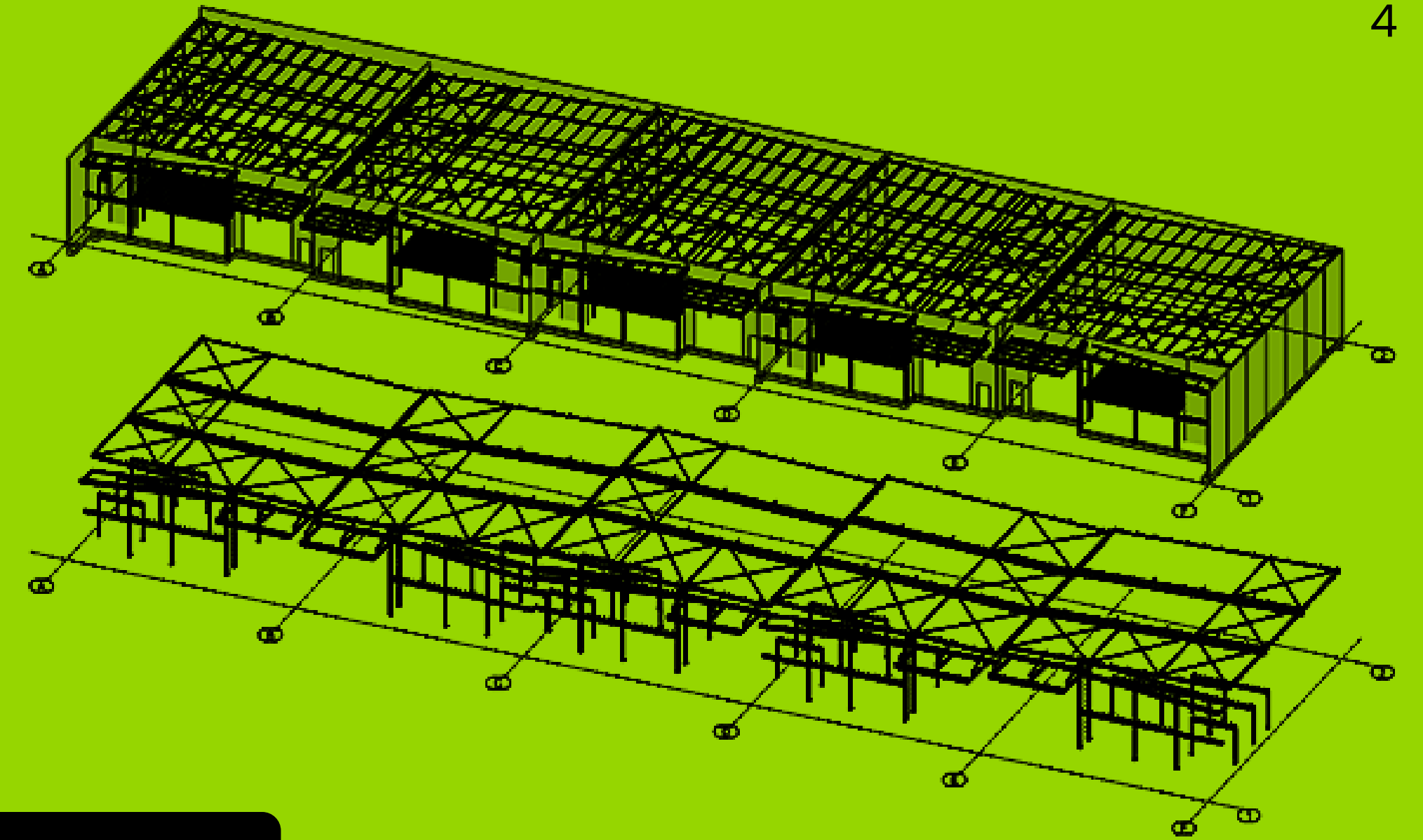
From initial design consultations, all the way through to final inspection, we ensure projects are completed on time and within budget.



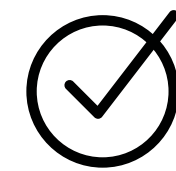


Core Capabilities

We specialise in providing innovative structural solutions for the commercial, industrial and residential industries.



Structural Steel



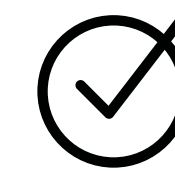
Specialising in structural steel and metalwork supply and installation by offering bespoke architecturally curated designs and steelwork and metalwork goods such as columns, rafters, beams, lintels, and balustrade/handrails.

Capacity: 10T – 200T / Job

Exclusive South Australian Supplier

Supply & Installation

SipForm

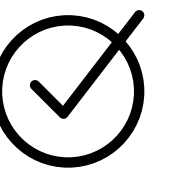


A fully insulated, prefabricated modular building system delivering high performance homes that don't cost the earth. A building system designed to allow for smarter, faster and greener building.

Capacity: 200 Residence / Year

Supply & Installation

MEGAjoist



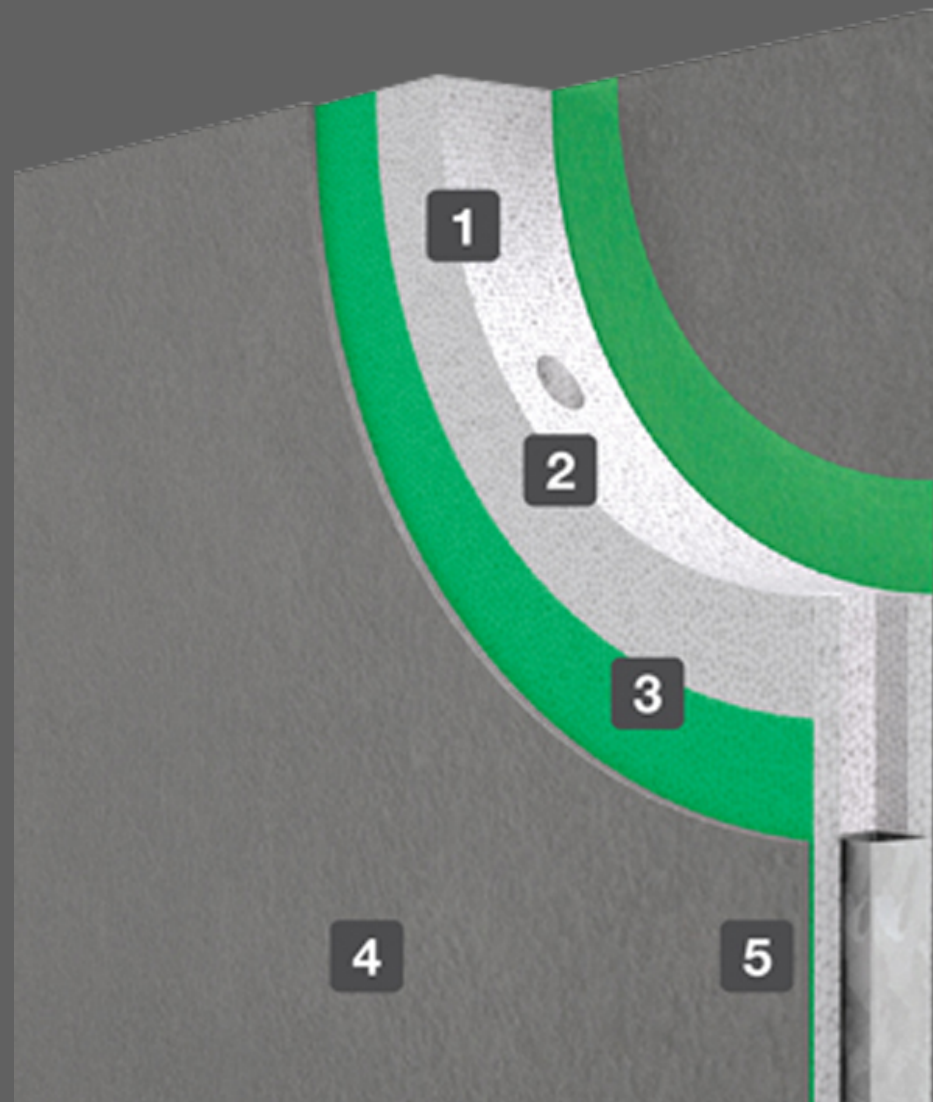
A patented, cost effective, environmentally friendly, long span floor joist system that is easy to install and provides superior service penetrations. Can be designed to be docked on site if required.

Capacity: 200 Lineal Metres / Day



sipform

A fully insulated factory fabricated system delivering high performance homes that don't cost the earth!



1. Insulated EPS core for internal comfort
2. Pre-profiled service conduits
3. High strength bonded membrane
4. Numerous architectural cladding options
5. Steel jointer for a cyclone proof shell



What Are SIPS?

SIPS are lightweight composite building panels, configured by their composition to fulfil separate functions within the building envelope. Internal and external faces or cladding materials are bonded to an insulated core creating a thermally efficient panel and robust envelope to the home.

SIPS are precision engineered in a factory environment to permit rapid and accurate on-site installation. They combine traditional construction elements: structure, cladding, lining and insulation into a prefabricated structural panelised system.



Why is Change Needed?

Home owners are moving toward affordable, efficient and environmentally responsible living. The old ideology of brick and tile is being traded for a truly architectural aesthetic that performs better and doesn't cost the earth.

A complete, more efficient, building system.



[Learn More →](#)

Benefits



- A more comfortable, liveable home
- Excellent sound absorbing properties
- Architecturally inspired product
- Healthy, non-allergenic environment
- Precision engineered & fully installed
- 50+ year lifespan, pest & mould resistant
- Strong - earthquake & cyclone resistant

Savings



- 50% faster than normal construction
- Less demand for trades & labour
- Reduce transport & site deliveries
- Minimises excavation & disturbance
- Less delays from poor weather
- 30% less waste generation & disposal
- Save up to 60% on energy costs



MEGAjoist

MEGAjoist is a patented, cost effective, environmentally friendly, long span floor joist system that is easy to install and provides superior service penetrations. The product can be designed to be docked on site if required.



Superior Product

The MEGAjoist trusses follow beam formula, hence are generally stiffer than conventional trusses, resulting in a stiff floor system. The MEGAjoists can be made to custom heights and can be graded to form balconies if required. They have superior strength relative to other products, and hence can be designed to be load-bearing and to cantilever; potentially significantly reducing the amount of steelwork used on projects.

Materials

The MEGAjoists are made from solid timber elements that are glued with a structural adhesive, meaning there are no steel webs or plates to cause injury or strip electrical wires. The absence of steel webs and plates means that if the product is installed correctly there are no annoying squeaks or groans in the completed floor.

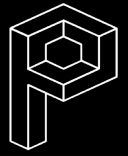
A complete, more efficient,
Building System.



[Learn More →](#)

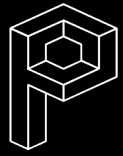
Why Choose MEGAjoist?

- Fully Australian made
- Environmentally friendly
- Easy to install
- Cost effective
- Foot trafficable top & bottom chords
- Superior ready-made service penetrations
- Great strength and durability
- Results in a stiff floor system
- Can be designed to be site dock-able
- No dangerous sharp metal plates or struts
- Can reduce steel work required on projects
- Truss depths made to a customised height
- Built-in custom grades to all fall for roofs & balconies
- Engineer designed and certified



Project Highlights

PSProjects Group has successfully delivered various commercial, residential and industrial projects, including schools, warehouses, and office buildings, with a history of meeting project deadlines and quality requirements.



2023

Vale Park Residence

Client: Ivy Borrelli Construction

Design and Construction of Bespoke Turnkey Structural
Solution: Structural Steel, Barrel Vault Windows, Feature Arbor,
SIPForm Modular Wall & Floor 7 Star Energy Efficient Design.

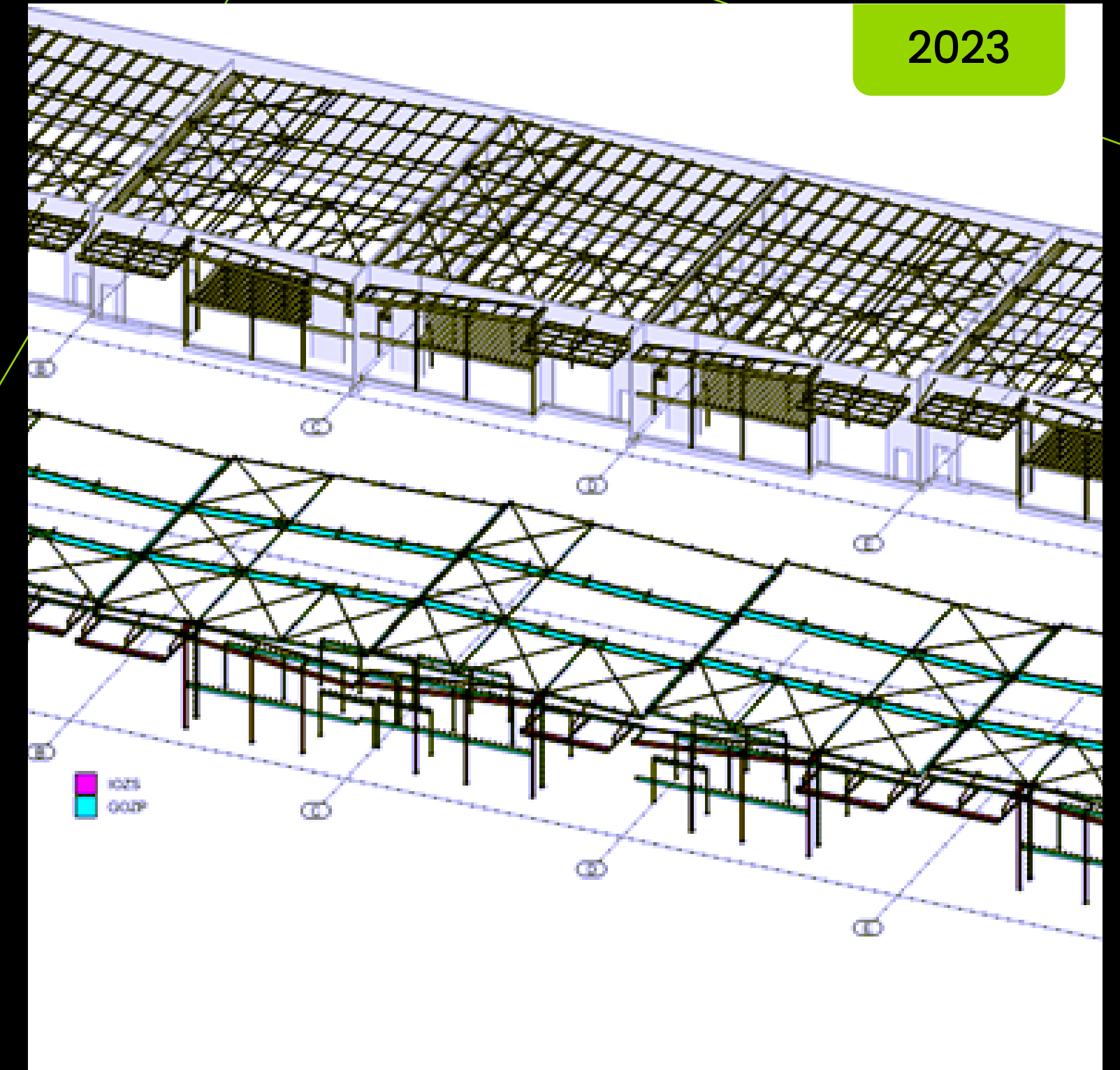


2023

22 King William

Client: Mossop Construction & Interiors

Supply and Installation of all Structural Steel,
Metal Shrouds & Feature Lights.

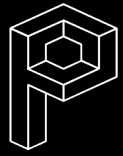


2023

Plympton Warehouse

Client: WG Build

Supply and install of structural steel and purlins.



2021

Bunnings Murray Bridge

Client: H Troon

Supply and Installation of Top coated Steelwork/Metalwork Items.



2020

SkyCity Casino

Client: Hansen Yuncken / Built

Supply and Installation of Corbel Steelwork & Granor Free Floating Bearing assembly for 32 locations.



2019

Meat & Wine Co.

Client: Steele Build

Supply and Installation of Top coated Architectural Steelwork/Metalwork Items. Point Cloud survey of existing structure. Value management of Engineered/Architectural proposed solution.



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We offer unmatched end to end project management, value management & trade expertise across all your design and construct structural requirements.

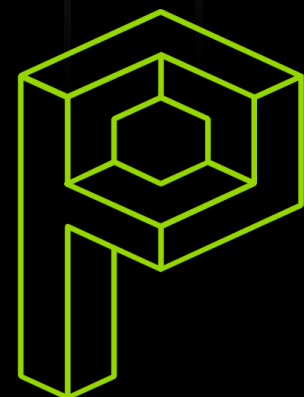
Peter Stamatopoulos

Director, PSProjects Group



**We Listen, We Hustle,
We Deliver.**

Get in Touch
Learn More



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