

Uccello rising

The Pagewood Centro Uccello project represents a landmark precast concrete development within the Pagewood Centro master-planned community, the first of its kind in Australia.

The ambitious Pagewood Centro Uccello project features two iconic towers, each rising 20 levels and standing as the tallest structures in Pagewood and Eastgardens.

Bookended by parks, the precast towers overlook a new retail precinct, which will serve as the 'town centre', offering a mix of specialty stores, a supermarket and an open-air laneway filled with restaurants and outdoor dining. Designed by award-winning architect Woods Bagot, it will be a residential oasis that integrates with its surroundings, including golf courses, beaches and universities.

Precast elements and design features

National Precast Master Precaster Advanced Precast supplied an array of precast elements for the project, including walls, columns, hobs and cores, all of which enhanced the construction process.

The use of precast components enabled a distinctive brick pattern – achieved using formliners and staining – to create an architectural finish that would be challenging to replicate with traditional bricks. This approach not only expedited construction timelines but also provided cost savings

Master Precaster

Advanced Precast

Precast staining

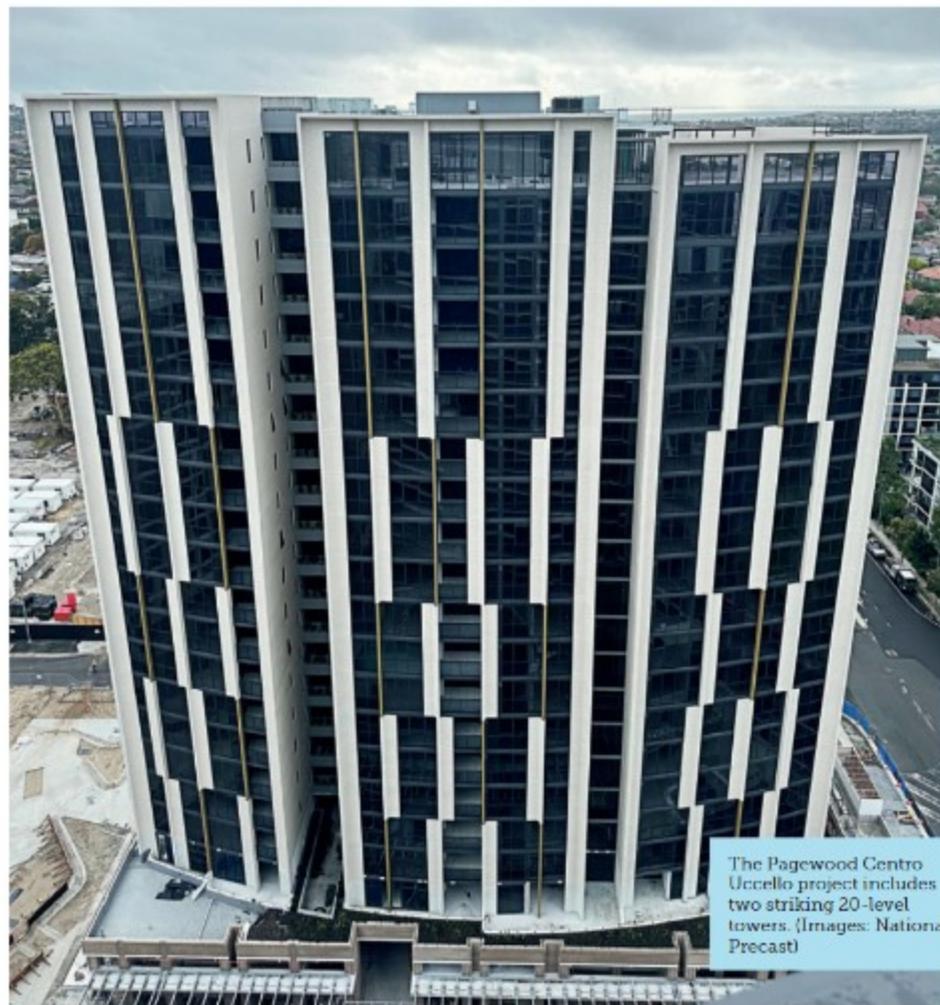
ECOTONE

Developer and builder

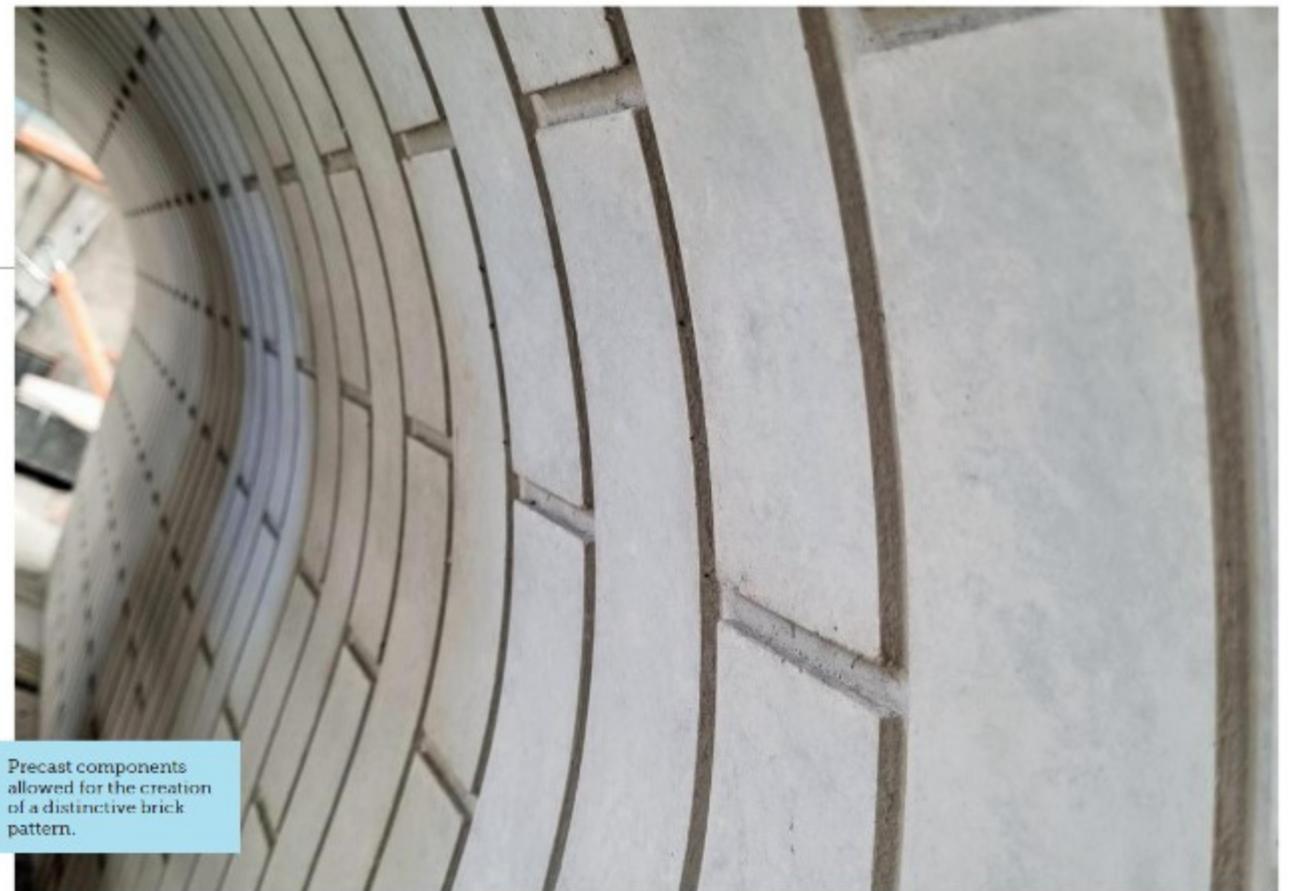
Meriton Group

Architect

Woods Bagot



The Pagewood Centro Uccello project includes two striking 20-level towers. (Images: National Precast)



Precast components allowed for the creation of a distinctive brick pattern.

while delivering a high-quality aesthetic. Among the features of the precast elements are 562 wall panels and 605 spandrel panels, which have been directly connected to the structural slab for stability and durability, both during construction and throughout the building's life.

The panels include double-height, curved shapes with special rebates. The blend of bold, gold lines and dark window finishes adds a contemporary flair to the overall architectural vision.

The company first applied a colourfast and durable aqueous mineral silicate emulsion stain to the formliner-moulded grey concrete (which preserves natural surfaces while providing the desired colour), followed by another equally durable aqueous emulsion stain in a specified pale finish. To protect against water ingress and enhance durability, a high-performance, high-solids barrier sealer was applied.

Efficient construction and time savings

Utilising precast methodology for the project's brick-patterned panels facilitated easy installation, quick construction, reduced labour costs and mitigated site disruptions – an improved outcome compared to traditional brick construction.

The ability to produce these panels off-site not only streamlined the timeline but also helped avoid potential weather-related delays during construction.

Community impact and future vision

The Pagewood Centro Uccello development is set to transform the local landscape, fostering a vibrant community atmosphere while promoting sustainable urban living. With its strategic location adjacent to Westfield Eastgardens and in proximity to transport routes, Uccello will become a central hub for residents and visitors alike.

The project is a testament to innovative architectural design and the effective use of precast technology. Streamlining construction processes to speed timelines and enhance site safety has saved costs and delivered a durable and low-maintenance result, paving the way and setting a benchmark for future developments within the master-planned community.

As the precast towers rise above Eastgardens, they signify a new era of residential living, embodying the spirit of modern urban development, while enhancing the local community's quality of life. **IK**

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By the National Precast Concrete Association Australia (National Precast).