Sydney Contracting Engineers

Project Location
24-26 Brooks Pde, Belmont NSW

Client
Project Remediate
Hansen Yuncken

Commencement Date
January 2024

Completion Date
May 2025

Overview

The scope of this project involved a comprehensive façade upgrade and site preparation, aimed at enhancing the building's compliance, safety, and aesthetic value. Key elements included the removal of existing ACP cladding and associated façade components, followed by the supply and installation of a new cladding system in accordance with current standards and design intent. Supporting works such as site establishment, temporary services, safety provisions, and engineering assessments ensured the project was delivered with efficiency and integrity. Additional tasks, including the reinstatement of façade features, essential testing procedures, and thorough waste management, contributed to the quality and durability of the overall upgrade.

Outcomes

Safety and Environment
The project adhered to all relevant safety regulations and standards to ensure the wellbeing of workers and occupants throughout the construction process. Environmental impact was minimised through responsible sourcing of materials, effective waste management practices, and the use of environmentally friendly construction methods where possible.

Quality
SCE installed the replacement facade to the regulated design and closed out waterproofing interfaces and inspections. Product records, photographs and as-built documentation supported practical completion and independent assurance.

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Project Scope

- ✓ Preliminary works were undertaken to ensure the site was fully prepared for construction. This included arranging all necessary insurances, authority approvals, council bonds, and construction zone permits to ensure compliance with all applicable regulations.
- ✓ Site establishment involved the installation of essential facilities such as a site office, lunchroom, toilets, and storage areas, providing a functional base for site personnel, including the Project Manager, Site Supervisor, Safety Officer, and Contracts Administrator.
- ✓ Temporary services and safety provisions were implemented, including IT, communication lines, and nurse call systems, ensuring safety, communication, and compliance throughout the works.
- ✓ Dilapidation reporting was conducted pre- and post-construction to document the condition of adjacent structures and protect stakeholder interests.
- ✓ Site security and protection were maintained through the use of hoardings, fencing, edge protection, traffic and pedestrian control systems, and barriers to secure the work zone and protect the public.
- ✓ Cladding removal works involved the systematic demolition and disposal of all existing ACP panels and framing, with care taken to protect and store façade elements such as balustrades, louvres, signs, and other architectural features for reinstallation.
- ✓ Structural assessments were carried out by qualified engineers to review existing structural elements and ensure compatibility with the new system.
- ✓ Materials handling and access were managed efficiently, with the use of appropriate equipment such as telescopic boom lifts to safely access

Timeframe

A detailed project timeline was established, outlining specific milestones and deadlines for each phase of the renovation. This ensured that the project stayed on track and was completed within the agreed-upon timeframe.

Regular Progress Updates

Regular updates on the project's progress were provided to stakeholders, keeping them informed about milestones achieved, any changes to the schedule, and ensuring transparency throughout the renovation process.

Project Monitoring

Regular monitoring and updates on the project's progress were implemented to address any issues promptly and ensure that the project stayed on track.

façade areas for removal and installation.

- ✓ Supply and installation of new cladding were carried out in accordance with the design specifications, including the reinstatement of all temporarily removed façade elements, ensuring a cohesive and high-quality finish.
- ✓ Testing procedures such as water testing and pull-out testing were performed to validate the integrity, safety, and performance of the newly installed cladding system.
- ✓ Cleaning and waste management were carried out throughout the project, ensuring the site remained clean, safe, and presentable. General waste and recycling processes were adhered to in accordance with environmental standards.
- ✓ Defects and maintenance provisions were addressed to ensure the final product met all performance and quality expectations during and after handover.

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Before

After

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