

A photograph of a modern, curved glass skyscraper at night. The building's windows are illuminated from within, creating a warm glow. At the top of the building, the 'bankwest' logo is displayed in large, illuminated orange letters. To the right, another building is visible, partially covered in scaffolding and construction materials. In the foreground, a street lamp with a bright sunburst effect is visible, and some trees are on the left side.

## BANKWEST SKY SIGN MULTIPLEX

2023 - 2024



# BANKWEST SKY SIGN

## THE SKY'S THE LIMIT

When the sky's the limit, anything's possible. This project certainly lived up to that idiom! The expression the sky's the limit also revolves around thinking big. And believing in one's abilities. It also refers to the fact that with determination and effort anything is possible. The Bankwest Sky Sign project certainly falls into each of these definitions - and more!

High up in the sky – there's no doubt that sky signage makes a big statement. And as first impressions go they don't get much bigger! Sky signs are typically perched atop a skyscraper or building such as an office block, shop, factory, school or retail outlet. They are signs that get you noticed. They impress, promote a brand, provide an identity and aid navigation.

In 2023-2024 we completed a major sky sign project for Bankwest at Raine's Square in the heart of Perth's CBD. The Signs & Lines team played their part in upgrading the city's skyline. We added two new illuminated Bankwest logos to the north and south elevations of the building. Our scope of work included removal of the old logos, manufacture of new logos and lettering and installation. So it was literally out with the old and in with the new.

### PROJECT SNAPSHOT

<b>Project:</b>	Sky Signage
<b>Location:</b>	Two elevations in Perth's CBD
<b>Environment:</b>	External Signage
<b>Client:</b>	Multiplex [Diadem/Acuity]
<b>Date:</b>	2023-2024
<b>Summary:</b>	Replacement of two sky signs on the north and south faces of the Raine's Square building at 25 storeys high.



## PROJECT SCOPE

The project commenced in March 2023 with Signs & Lines engaged by Multiplex to supply and install sky signage for Bankwest ten months later.

The logo and Bankwest letters included replacement of the 3D illuminated lettering on the side of the north and south building elevations.

## PROJECT PROGRAMME & SCOPE

The major works construction programme commenced in August 2023 with design and prototyping. A GANTT programme was developed for installation in February 2024.

Our in-house team had already started to manufacture the letters and logo. However, a few months into the programme the project was put on hold pending finalisation of the Bankwest logo which was undergoing a brand review. After client consultations, a revised logo design was approved. After the delay the shop drawings were amended to reflect the new style guide. Critical sign offs by engineers followed. It was all systems go again!

## MANUFACTURE OF 3D LETTERING

Our in-house team re-started manufacture of the letters and logo. The elements were painted and the LEDs placed inside. Seemee IV flex face was used to meet Class 1 Fire Rating and the orange colour was applied using specialised perforated film.

## ILLUMINATION – TESTING & FINAL LIGHTING OPTIONS

LEDs were inlaid into the lettering. In-house illumination testing and colour signoff was obtained prior to installation. Achieving a consistent illumination is key to success. As you can see from the photos, the sky sign has the ability to light up in different colours. Whilst orange is the daytime colour, any other colour can be achieved thanks the perforated film applied to the face and the RGB LED modules installed within the sign.



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## PLANNING, PAPERWORK & PERMITS

The installation phase commenced in late August 2024 covering a number of stages. The delay brought a 'weather factor' into play including winter/spring wet and winds to add into the programme planning. Our work included:

- CRAW meetings – detailed methodology meetings to review the stages of installation.
- Nine main stages of installation outlined in intricate detail in an installation methodology statement:-
  - o Set up of scaffold on roof for removal and lifting of lettering into place via rope access;
  - o Set up of BMU permits;
  - o Set up of rope access safety measures – how to safely support 6+ rope technicians working off ropes;
  - o Transportation of sign elements – framing and lettering – onto roof via goods lift;
  - o Retrofit of 3d lettering and logo on rooftop;
  - o Removal and cut-down of existing signage via goods lift;
  - o Installation of new framework via rope access;
  - o Installation of new 3d lettering and logo;
  - o Final lighting commissioning and testing.

Skilled rope access technicians can not only handle sign installations, but are also ideal for removals, construction, fixing, lifting or maintenance of signage.

# SIGNS&LINES

CASE STUDY

## BANKWEST SKY SIGNAGE INSTALLATION METHODOLOGY

Interesting Fact: Once the lettering was assembled and the illumination tested, most of the letters and logo had to be cut into smaller sizes to allow for transportation to the roof in the goods lift!! Planning for the capacity of the lift was a critical part of our installation methodology.

Due to the complexities of the site, installation was performed by rope access which eliminated the need to use cranes. Experienced rope subcontractor, Safe Passage, were the contractor of choice on this project. On this occasions craneage was unpractical given the city centre location of the site. Road closures and a high public interface add unnecessary complexities!

Rope access is a popular form of sign installation for tricky signage on building fascias. Initially developed from techniques used in climbing and caving, rope access allows skilled and licensed workers to install signs in difficult-to-reach locations without the use of scaffolding, cradles or an aerial work platform. Rope access technicians descend, ascend, and traverse ropes, working all the while suspended by a harness. Not for the feint hearted!

## HIGH RISK SAFETY MANAGEMENT

Rope access installations are inherently high-risk. The rope access contractor had over 10 access technicians working during the day with safety and risk management as a priority to protect the office workers, retail customers and other contractors. Key to the success of the work was a high regard for OSHE management, safety reviews, Safe Work Method Statements (SWMS) and safety planning – with multiple safety planning meetings.

The shift patterns required careful planning and diligence. Our teams were sharing goods lift access with other contractors. The confines of the roof working area also provided added OSHE focus. Daily pre-start toolbox briefing meetings for Signs & Lines and subcontractors were mandatory to ensure everyone was aware of the workflow and could work alongside each other constructively.





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