



# Arvida Mayfair

Northcross, Auckland

## Services

Unmanned aerial vehicle (drone) building inspection

## Sector

Aged care

## Brief

Use drone technology to capture building repair requirements across a retirement village site as part of a building upgrade programme.

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## Building inspections from another point of view

Arvida Group is one of the leaders in the field of retirement living in New Zealand. The company's growth strategy involves buying existing retirement villages and upgrading them to provide the very best in aged care and retirement village living. A recent acquisition, Arvida Mayfair, located in Northcross, Auckland, required a full building inspection to understand maintenance and upgrade requirements.

Due to disruptions from Covid-19, some of the maintenance team's Working at Heights permits had lapsed, which meant they needed another solution to understand the condition of the buildings, specifically the roof and façades. We suggested flying a drone over the site to capture photographs and video to complete a comprehensive building inspection.

Opting for drone imagery made it a lot quicker to get the job done, negating the need for scaffolding and minimising health and safety risks. We were also able to capture difficult to reach aspects like the roof edges and parapets.

Digital files were processed quickly, and quality images were then presented to the client showing external detail, surface texture and roof information.

Using drone imagery has proved faster, cheaper, and more effective than traditional manual inspections, and we are currently working with the client across other sites to identify maintenance and remediation issues using this technology.