



LIFE ON THE EDGE

DATED WATERFRONT HOME BECOMES LUXURIOUS SUSTAINABLE RESIDENCE
 HANLON WINDOWS USE ELEVATE™ ALUMINIUM SYSTEMS TO BRING THIS PROJECT TO LIFE



Renovating a dated waterfront home into a luxurious, six-level, sustainable residence is a task in itself. Add the challenges of dramatic terrain and a steep escarpment that plunges towards the sun-dappled waterways of historic Ku-ring-gai National Park in Sydney's north and the challenge is considerably amplified. That was the brief for this stunning dwelling in the magical setting of Cottage Point.

Surrounded by unspoilt bushland, this architecturally inspired home is designed with its immediate environment firmly in mind. The planning and implementing of environmental protection measures was also an important part of the construction, to ensure minimal impact to the site and the local fauna.

The success of the project hinged on sourcing the right window and door products to ensure it took full advantage of the spectacular views while achieving the BASIX ratings and meeting weather performance needs. Building Designer, Colin Anlezark from e-texture architects, in conjunction with the builder, DPM Consultancy Services Pty Ltd, achieved this objective through

the use of Elevate™ high-performance window and door products from Hanlon Windows. The Elevate™ products were also chosen for their extreme strength in exposed locations.

The building's designer, builder and owner were all impressed with the high level of customer service from Hanlon Windows, whose knowledge, experience and professional approach proved invaluable throughout the lengthy construction process.

The windows and doors had to achieve low U-values in accordance with BASIX, but also allow plenty of natural light to enter the building for passive solar heat gain. The Elevate™ range combined with Viridian's ComfortPLUS Clear glass provides the perfect solution and exceeds the levels required to pass the thermal efficiency section of BASIX.

To create a seamless connection between the outside world and internal spaces, the main living area boasts wide, arched ceilings that use Elevate™ Series 400 CentreGLAZE™ fixed



Elevate™ Aluminium Systems Series 411 ViewMASTER™ Bi-Fold Door:

- Series 411 Bi-fold door (top hung) has been designed to accept the 50mm thick heavy duty Series 50 and 52 doors.
- Can be manufactured with compliant panels up to 3000mm high.
- Bi-fold doors are hung on Centor™ twin stainless steel bearing rollers running in heavy duty dual overhead tracks. Standard E2 rollers will carry door panels up to 40kg. Heavy duty E3 will carry door panels up to 80kg.
- The Surelock™ adjustment on the pivots and carriers allow all panels to be lifted or lowered easily with a flat screwdriver. Doors can be adjusted vertically up to 5mm plus or minus.
- Carriers, pivots, hinges and fixings supplied in 304 SS.

frame aluminium windows - an innovative selection of framing and architectural products that deliver superior performance, reliability, expansive panel sizes and contemporary architectural styling. The large expanses of arched glazing allow light to enter the building, whilst the high-performance aluminium frames and ComfortPlus LowE glass improve insulation, retain the ambient temperature of the internal living areas and reduce overall energy costs.

The lower level of the home utilises Elevate™ Series 411 Bi-fold aluminium doors which open out onto a paved entertaining area. These are a top hung, heavy duty doors designed to accept large panels to maximise opening sizes. The second level bedrooms use Series 467 Casement aluminium windows to

great effect, capturing passing breezes and assisting with passive cooling. The windows have integrated Truth™ hardware, which provide unmatched elegance and performance while enhancing the windows' overall appearance.

The larger areas of glass on the northern side give easy access to winter sun to heat up the internal areas. This heat is stored during the day and released in the evening. The use of high-performance glass allows better retention of the heat gain within the internal spaces. Abundant full-height glass aids in this process, whilst adding to the feeling of connectivity between outside and inside.

The extensive renovations have resulted in a beautiful waterfront property, which is both comfortable to live in and extremely energy efficient.



Hanlon Windows (Aust) are one of 150 licensed manufacturers of Vantage and Elevate™ Aluminium Systems around Australia. The business is 100% Australian owned and operated and has been a leading manufacturer of aluminium windows and doors for over 30 years. Hanlon Windows realise the importance of quality and customer service and can manage the selection, supply and servicing of Australia's leading window and door systems for your project.



NEED MORE INFORMATION?

For the latest technical information regarding the Series 411 ViewMASTER™ Bi-Fold Door or other Elevate™ products, visit our website: elevatealuminium.com.au



2D & 3D CAD FILES AVAILABLE

Download the Elevate™ Series 411 ViewMASTER™ Bi-Fold Door CAD & Revit 3D Files to use in your projects from the SpecifyAWS website: www.specifyaws.com.au



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