

Dolunay Villa
Muğla, Turkey

Foster + Partners

Press pack
23 March 2020



The new Dolunay private villa has been carefully sited amid the natural rugged setting, prioritising the spectacular sea views.

Dolunay Villa

Muğla, Turkey 2015 – 2019

Situated along the coast of the Aegean Sea in Turkey's southwestern province of Muğla, the private Dolunay villa has been carefully sited amid the natural rugged setting, prioritising the spectacular sea views.

The site is accessed from the north, with a curving road that leads to the drop-off for the villa. The design uses the natural contours of the site to create a low-rise building that appears as a single storey structure on approach. The house is embedded within a beautiful Mediterranean garden that offers a multisensory experience with fragrant plants such as thyme and lavender alongside rich seasonal planting and mature olive trees. The main entrance takes you directly to the heart of the villa with the private family quarters to the eastern side, orientated to respond to the contours of the site, and the public living and dining areas to the west, with exceptional views of the setting sun over the Aegean.

The journey through the villa is from 'opaque to open', reflecting the differing levels of privacy throughout and the design seeks to blur the boundaries between inside and outside living, with the large glass doors along the façade that slide back completely providing an unobstructed flow of space between the interior and exterior spaces.

"There's a real split between the public forum and the private. A sense of discovery and a richness of experience comes through in the way the spaces change as you walk through the site."

Niall Dempsey

Partner, Foster + Partners

The house features a handcrafted undulating structural timber roof, designed in conjunction with Swiss firm Blumer Lehmann. The prefabricated and precision-engineered structure contains substantially less carbon than a typical concrete roof. The solid structural oak beams rest on steel columns, supporting a large 7.5m cantilever, providing generous outdoor shaded spaces and cool shaded courtyards to the rear.

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The central feature stair that connects the two levels is made from solid Portuguese limestone and is supported through post-tensioned cables running through the stone with no other visible supports. Preserving the purity of the staircase and offering a feeling of lightness, the balustrades are made from thin glass tubes with a timber handrail that has been bent and shaped on site.

Reflecting the high levels of craftsmanship in the design, each element has been designed to respond to the specific requirements of the client – from hand-carved solid timber doors to bespoke ceramic tiles and basin in the bathrooms. There is a smaller sunset pavilion closer to the coast that features natural stone walls, olive groves, wooden tables and a bamboo soffit.

Inspired by the villa's immediate surroundings, the natural interior material palette consists of stone, wood and bronze and features various tones of warm browns and greys found throughout the rocky outcrops and sandy beaches of the site. The choice of oak joinery and leather furnishings provides a relaxed, elegant feel to the coastal retreat.

"We were fascinated by the local landscape and wanted it to flow through the interior spaces and effectively disguise the building. Even though it gets incredibly hot in the summer, we wanted the building to be able to breathe naturally. The landscaped open courtyards within the house allow the prevailing sea breeze to gently move through the villa. These are simple ideas that have come together in an elegant way."

David Summerfield

Head of Studio, Foster + Partners



Garden view. © Nigel Young / Foster + Partners



Night view. © Nigel Young / Foster + Partners



Exterior. © Nigel Young / Foster + Partners



Exterior, sunset. © Nigel Young / Foster + Partner



Living space. © Nigel Young / Foster + Partner



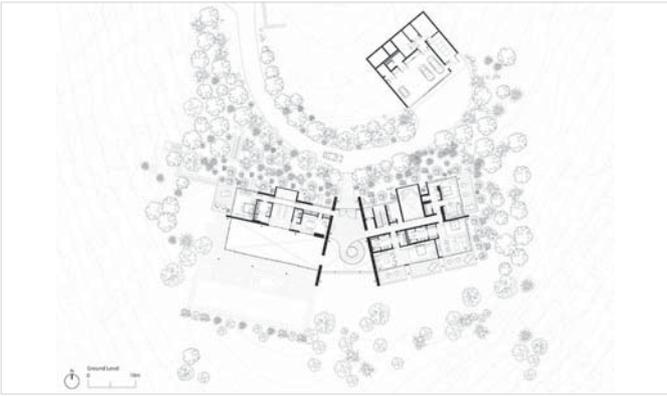
Living space. © Nigel Young / Foster + Partners



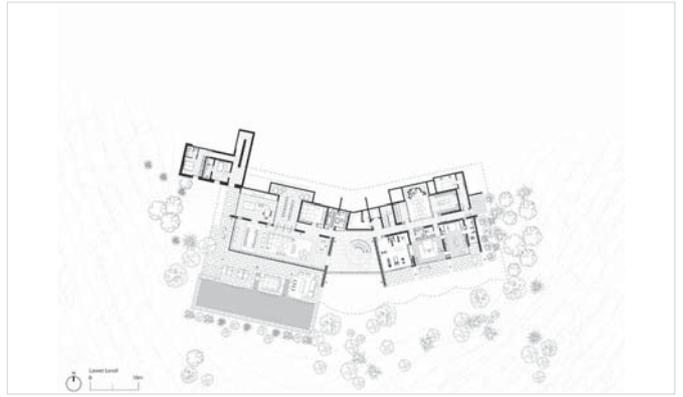
Turkish bath. © Nigel Young / Foster + Partners



interior, staircase. © Nigel Young / Foster + Partners



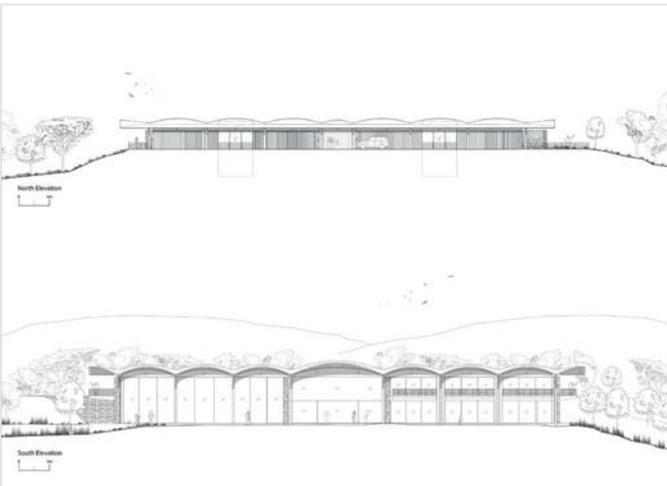
Ground level © Foster + Partners



Lower level © Foster + Partners



West elevation © Foster + Partners



North, South elevation © Foster + Partners



Ground floor plan © Foster + Partners

Credits

Client

Kaplankaya and Dolunay Villa

Architect

Foster + Partners

Foster + Partners

Design Team

David Summerfield

Kirsten Scott

Niall Dempsey

Ignacio Diaz

Sunil Rajaratnam

Ana Reis

Daniel Rodrigues

Guy Stewart

Rob Seymour

Luca Caroti

Collaborating Architect

Design Group Istanbul

Artiko architects

Structural Engineer

Design Group Istanbul

Matte Construction & Design

Mechanical Engineer

Okutan Mühendislik, Ankara

Landscape Consultant

Exterior Architecture

Jan Muse Landscape Designers

Lighting Engineers

Design Group Istanbul

Main Contractor

Matte Construction & Development

Matte Supported By

Ans Mühendislik – Electrical

Lutron - Electrical controls

Glassline - Facade & glazing

Blumer - Lehmann AG - Roof & soffit

Maspero – Lift

Hera Lighting – Lighting

The Flaming Beacon - Lighting

Interni - Furniture procurement

Nan Kontract - Wooden & stone millwork

The Stone Masonry Company - Staircase

Dizayn Grup - LCA STR & MEP

Facts and Figures

Appointment

2015

Construction Start

2016

Completion date

2019

Site Area

17,568 m²

Area (Gross)

1,668m²

Net Internal Area

1,064m²

Number of Buildings

1 (+1 Sunset Pavilion)

Number of Floors

3

Building Dimensions

Height: 7.60m

Length: 64.50m

Width: 20.50m

Parking Facilities

3

Structure

Concrete foundations, slabs & RC walls

Painted steel columns (exposed)

Oak roof structure & soffit

Glazed façade:

- Single and double height doors (structural)
- Glass structural beams
- Exterior walls in aired concrete; external claddings in exterior grade oiled oak (battens & planks)
- Local limestone (walls) + painted render (balconies)
- Powder coated aluminium (covers)

Sustainability

Energy and Carbon:

- Timber roof – assumed reduced carbon when compared with typical concrete steel structure.

Sustainable Materials:

- Local materials and manufacturers were used for interior and exterior claddings, artwork selection and craftsmanship.

Land and Ecology:

- The original profile of the land was respected (slopes landscape); Villa faces south for sea views and natural daylight.

Wellbeing:

- Both courtyards located at the north side of the Villa are shaded and naturally ventilated creating pocket spaces with high level of privacy;

Culture and Heritage:

- Local craftsmanship for ceramic, stone and wood finishes;
- Carved and assembled stone to wet rooms (bathrooms and Hammam);
- Carved stone wall relief (Master Bathroom);
- Carved timber door relief (Hammam);
- On-site timber handrail (featured staircase);
- Ceramic tiles (bespoke design to 3 bathrooms);

Materials

Floors:

- Oak (battens & planks);
- Local Limestone;

Walls:

- Marble stone – Panda, Calacatta Statuario; Thassos
- Limestone (local);
- Fabric finish on foam - Kvadrat Hallingdal 65 (Family);
- Hermes (Master and Guest Suites);
- Powder coated aluminium.

Ceilings:

- Oiled oak (GL ceiling & soffit);
- Painted plaster;
- GRP (hammam);
- Fabric (family room);
- Bamboo (sunset pavilion);

Other:

- Fatima stone (Portuguese limestone) staircase;
- Granite (green) pool cladding.

For further information and images, please contact Katy Harris Head of Communications

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