

## VILLA LA JOJA SON VIDA Palma (Mallorca)

### NEW BUILDING

**Client:** GENTES SON VIDA, Düsseldorf

**Architects:** architecture design graphics S.L.P.U., Santa Ponça

**Our services:** Full structural design  
Establishing the basis  
Preliminary design  
Final design  
Approval documentation  
Execution drawings  
Preparation of contract award  
Construction supervision

**Brief description:** Construction of a new exclusive villa on a slope with pool and sea view

- 3-part, stair-like building adapted to the flow of the terrain
- 3-storey residential house with integrated garage
- in-situ concrete construction
- angled retaining walls and gravity walls to stabilize the slope
- excavation of rock and boulders
- ground reinforcement to improve the load-bearing capacity, soil replacement and backfilling of cavities in karst rock with lean concrete
- shallow foundations
- cantilevered flat concrete roof spanning up to 17 m, giving a generous column-free living area and elegant partially covered outdoor pool
- reinforced concrete pool basin embedded in the floor
- planted flat roofs, partly with photovoltaic system
- facade partly clinkered, partly with storey-high precast concrete elements attached to concrete brackets on flat roof

**Completion:** 2018



Pictures / Illustrations: Professor Pfeifer and Partner PartGmbH, architecture design graphics S.L.P.U.

