Pfeifer INTERPLAN CONSULTANTS

VILLA LA JOJA SON VIDA Palma (Mallorca)

NEW BUILDING

Client: GENTES SON VIDA, Düsseldorf

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

Our services: Full structural design

Establishing the basis Preliminary design Final design Approval documentation

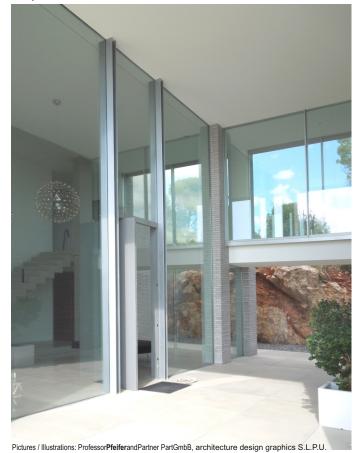
Execution drawings
Preparation of contract award
Construction supervision

Brief description: Construction of a new exclusive villa on a slope

with pool and sea view

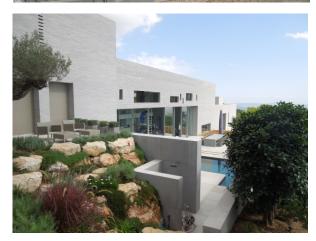
- 3-part, stair-like building adapted to the flow of the terrain
- 3-storey residential house with integrated garage
- in-situ concrete construction
- angled retaining walls and gravity walls to stabilize the
- excavation of rock and boulders
- ground reinforcement to improve the load-bearing capacity, 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
- tacade partly clinkered, partly with storey-nigh precase concrete elements attached to concrete brackets on flat roof

Completion: 2018

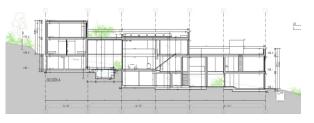












■ Professor**Pfeifer**andPartner PartGmbB Structural engineering Building physics Fire protection Structural assessment **Pfeifer**INTERPLAN is a registered trade mark