

## 太行山居 行唐，河北，中国

该建筑位于孔雀湖西岸的一个半岛北侧，场地可北望太行山余脉。周边的北方山水环境赋予场地一种辽阔的尺度感和水平性。北向主景观朝向和南向主采光朝向之间的矛盾成为设计开始时面临的一个困难。设计的主要策略是依着半岛北侧缓坡地微地形的走势和起伏的节奏来展开建筑布局，同时呼应大山水环境的水平性和尺度感，最终形成东西向 340 米左右的一个缓长起伏的建筑群组。该群组主要包括西边 230 米长的会所区，及东边一个坡屋顶形态的大别墅和三个平屋顶形态的小别墅。会所区由一系列随着地形起起落落的体量组成，呈现出东西向缓长，南北向进深小而通透的整体形态。这样南北通透的空间关系，再加上一系列内院和天井的加入，使得建筑的室内空间既能接收到南边的阳光，又能享受到北边的山水景观。室内东西向缓长的动线和水平性的空间感也在强化人在建筑内部对于山水环境的感知和体验。大别墅则强调了南北向随着地形而层层跌落的空间体验，并用南高北低的大坡屋顶来回应地形和室内空间的跌落，同时较高的南立面利于将更多南向的阳光引入室内。三个小别墅依着东侧地形的转折之势依次展开，主要的起居空间都布置在别墅的中段，前有露台，后有内院，空间的通透性保证了充足的阳光和良好的景观。

地理位置：中国河北省行唐县

建筑面积：9981 m<sup>2</sup>

结构形式：钢筋混凝土框架结构 + 钢框架结构

设计团队：赵扬，武州，黄楚阳，凌寒，白皓文，许东磊，雷天丰，唐献超，杨丽君，段思宇

设计阶段：2016.09 — 2017.06

## Taihang Mountain Retreat, Xingtang, Hebei Province, China

This building is located on the north of a peninsula near the west bank of peacock lake, with Taihang Mountain view to the north. The surrounding mountain and lake give the site a sense of immense scale and horizontality. The conflict between the north orientation of main view and the south orientation of natural lighting is a big challenge of design. The primary design strategy is to deploy the overall arrangement following the trend and rhythm of the micro-topography, as well as responding to the sense of scale and horizontality of the big environment of mountain and lake, and finally forms a group of buildings with the length of 340 meters in east-west direction. This group contains a 230 meter-long clubhouse in the west, and a large villa and three small villas in the east. With a series of volumes following the up and down of the topography, the clubhouse appears a very long configuration in east-west direction, but a very small depth in south-north direction. This small south-north depth, coupled with a series of inner courtyards, allows the interior space to be able to receive the direct sunlight from the south, at the same time to enjoy the mountain and lake view on the north. The prolonged movement and the horizontal space of the interior helps to intensify people's perception about the exterior mountain and lake. The big villa emphasizes the spatial experience of level changes in south-north direction following the topography, at the same time uses a large pitched roof downward from south to north to respond to the level changes, and also to invite more sunlight from the south facade to interior space. These three small villas are arranged according the turning trend of topography. The main living space is located in the middle of each house, with a large terrace in the front and a courtyard in the back, ensuring good natural lighting and view.

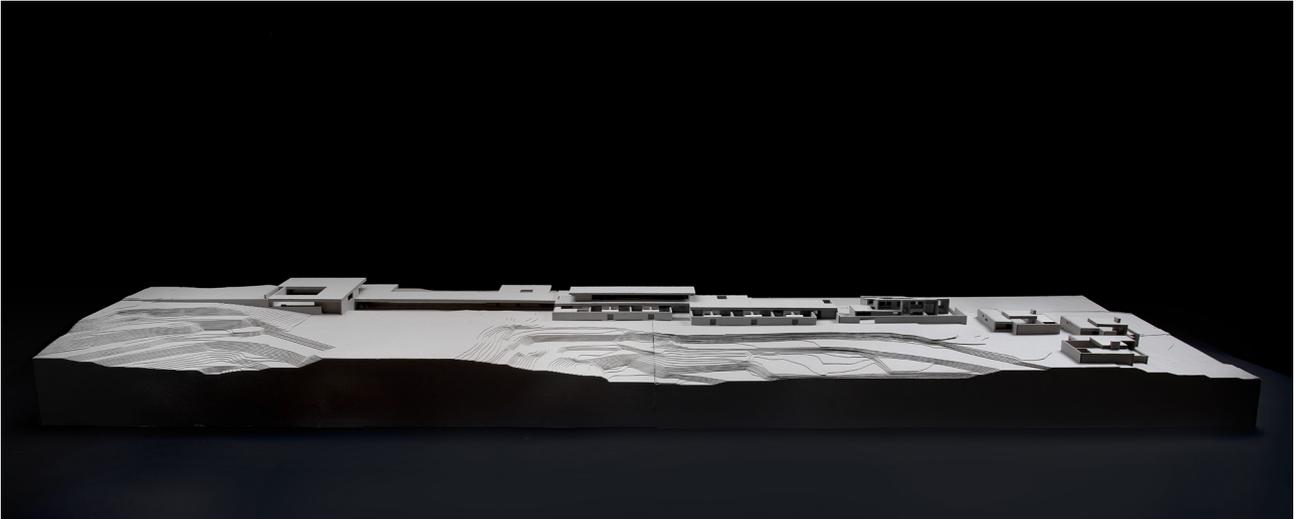
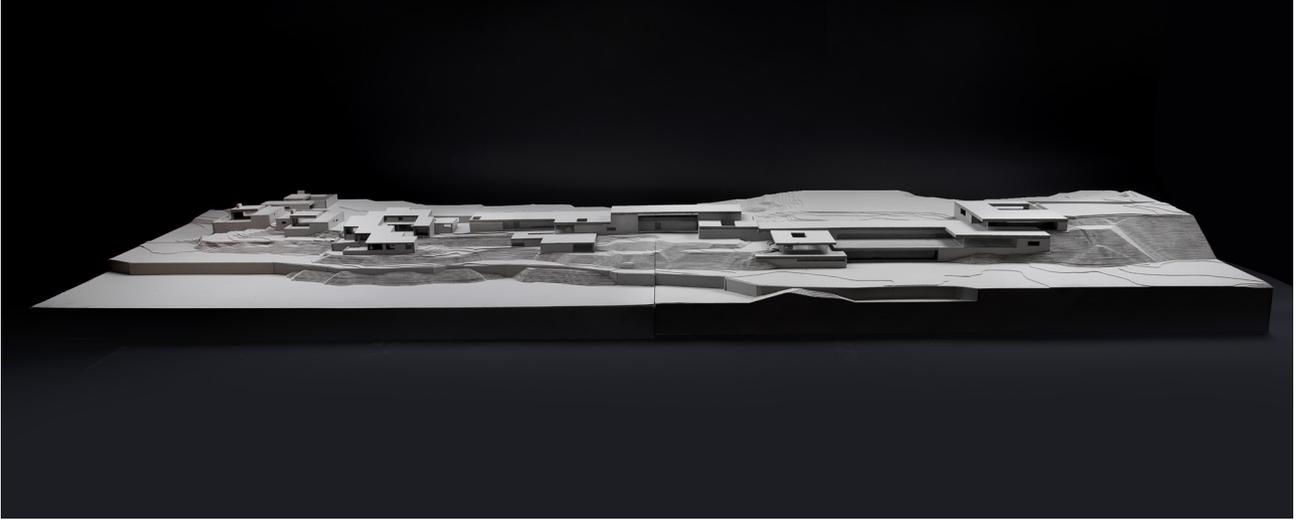
Location: Xingtang, Hebei Province, China

Floor Area: 9981 m<sup>2</sup>

Structure System: Reinforced Concrete Frame & Steel Frame Structure

Design Team: Yang Zhao, Zhou Wu, Chuyang Huang, Han Ling, Haowen Bai, Donglei Xu, Tianfeng Lei, Xianchao Tang, Lijun Yang, Siyu Duan

Design Phase: 2016.09 — 2017.06



太行山居 Taihang Mountain Retreat