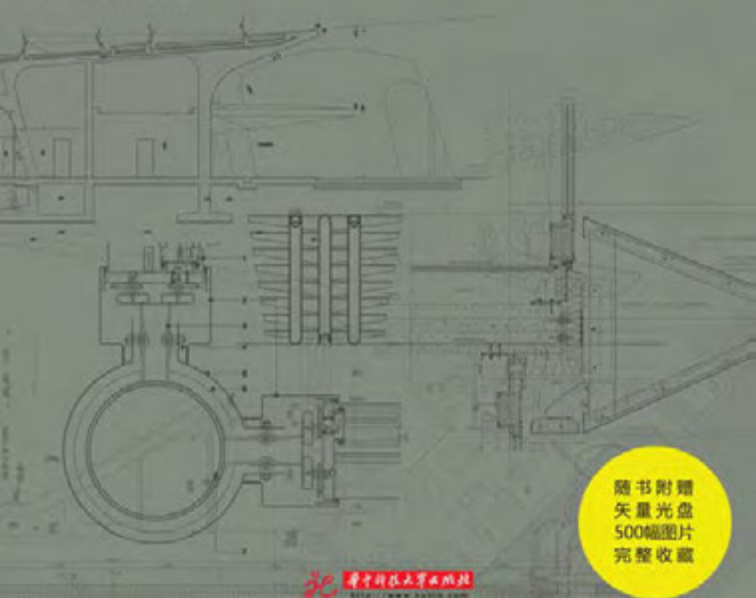


# 建筑细部CAD图集

## CAD COLLECTIVE DRAWINGS OF ARCHITECTURAL DESIGN DETAIL

ThinkArchit工作室 主编



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# House in Carabbia | 卡拉比亚别墅

**Architecture Design / 建筑设计 :** Davide Macullo Architects **Project Architect / 项目建筑师 :** Davide Macullo **Location / 地点 :** Switzerland  
**Area / 面积 :** site 600m<sup>2</sup> / building 140 m<sup>2</sup> / total floor 155 m<sup>2</sup> **Photography / 摄影 :** Enrico Cano, Como, Italy

项目地块是一处朝西的斜坡地带，斜坡坡度角约为 30°。建筑的三个主要楼层均设置在不同高度的山坡上，与地形相呼应。这样的设计使该建筑的不同楼层都可以直接与外部环境相连。

当人们走进这座房屋时会发现室内外空间已融为一体，无论是在房子的哪个角落，人们都置身于一个巨大的开放式空间中，建筑四周环绕着优美的自然景观。透明或半透明的隔层使各空间看上去是无限连通的，室外空间已然成为室内空间的一部分，室内的生活空间因此得以延伸，有效地扩展了视觉空间。

该项目的特别之处在于建筑的所有楼层都是相互连通的，各楼层又都保持了独有的空间特性。

The plot is characterized by a slope of about 30° facing west. The three main storeys of the house are set on the plot at shifted levels to match the correspondent level of the site. This offers a direct relation to the outside from all parts of the house at all levels.

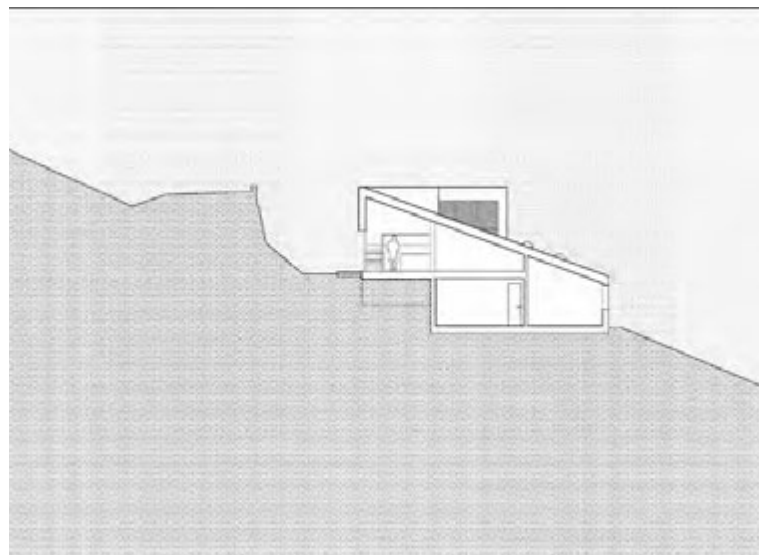
While entering the house the eyes embrace the whole interior space and the related outdoor space, till the most far diagonals. From all part of the building the feeling it's approximately to live in an open space surrounded by a prosperous natural landscape and the space you are enjoying is related to the others through transparent or translucent filters/layers. The perception transits always from inside to outside to inside again, making the outdoor space part of the indoor one. In this way the living space has been stretched and its size appears bigger.

All levels are visually connected between each others while keeping the own characteristic.

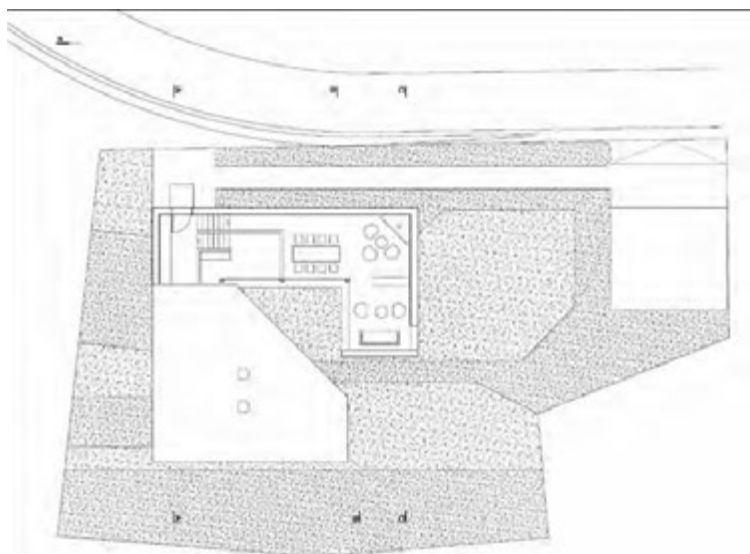




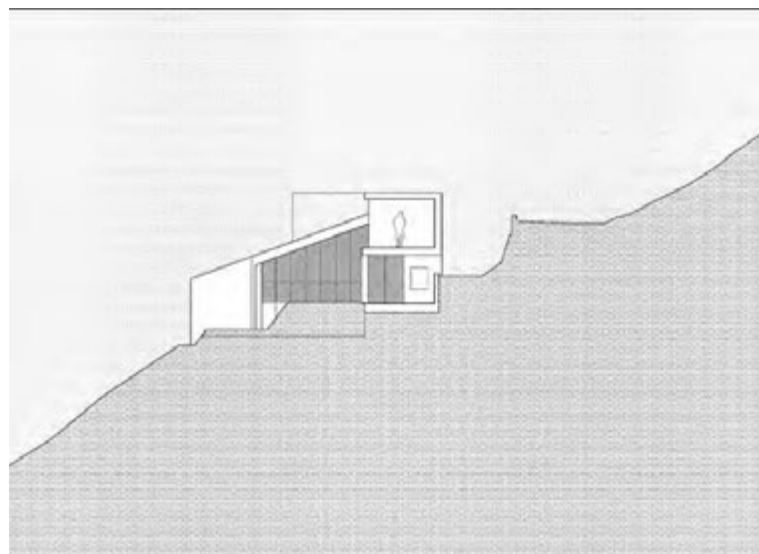
一层平面图



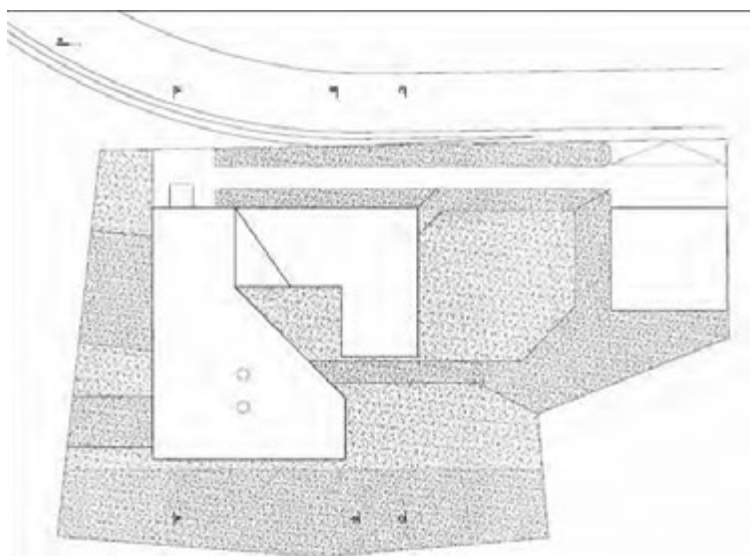
A-A 剖面图



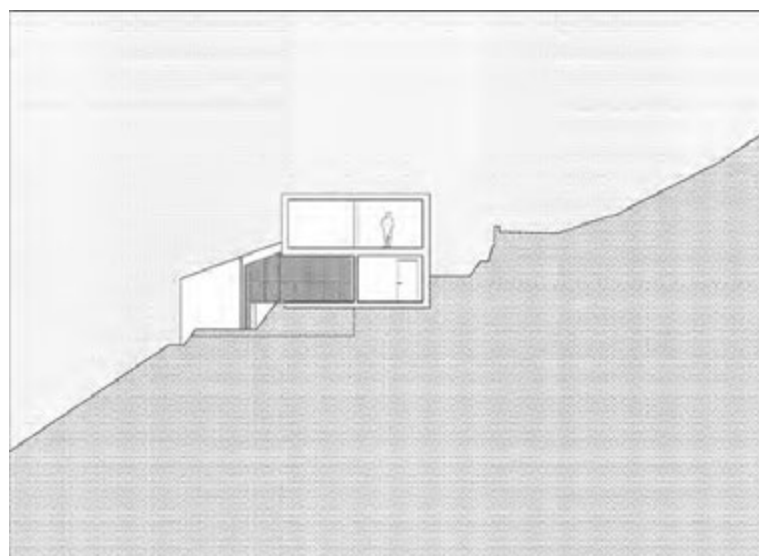
二层平面图



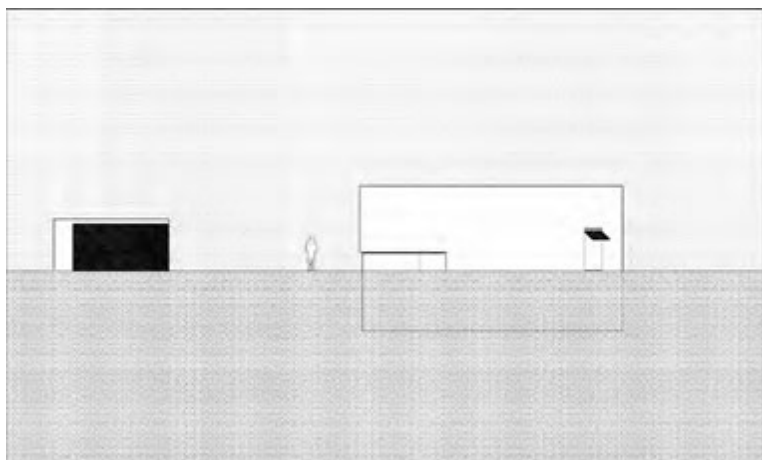
B-B 剖面图



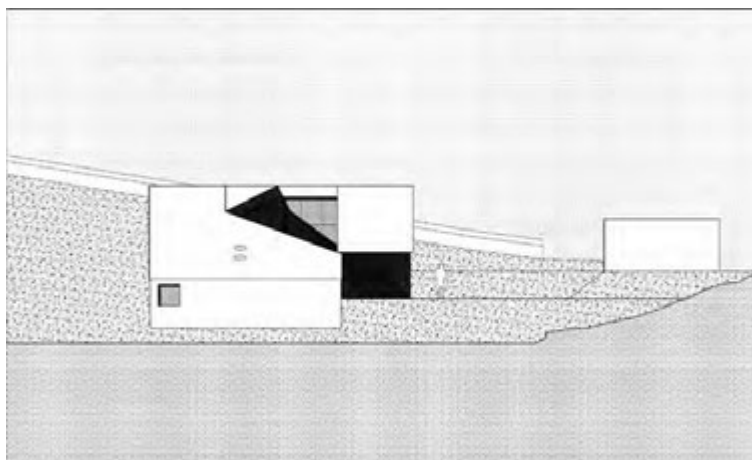
顶层平面图



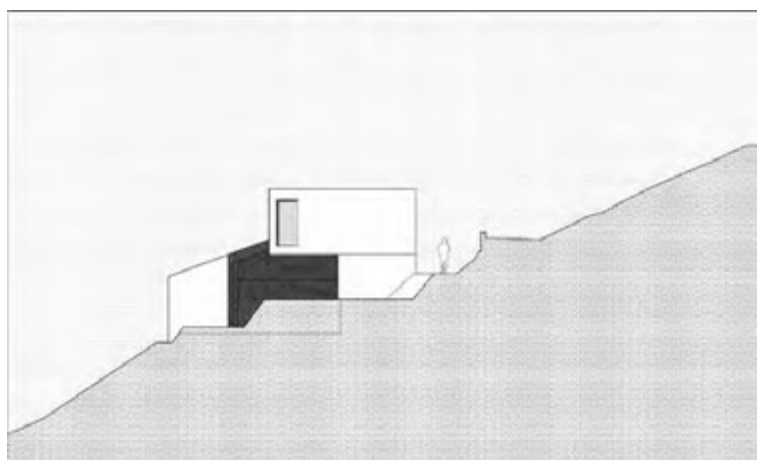
C-C 剖面图



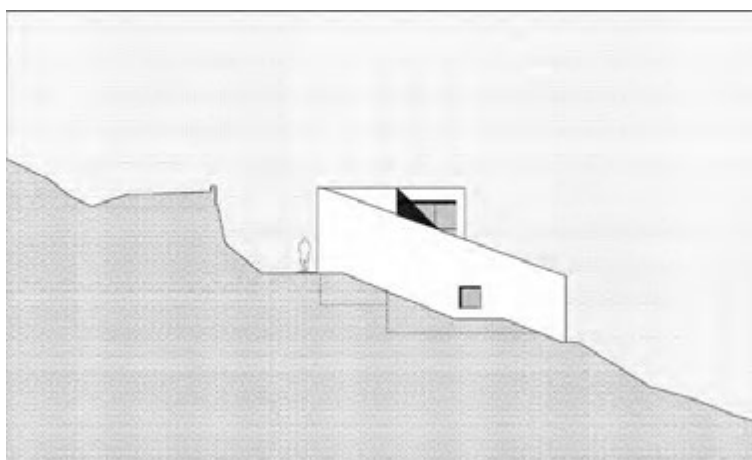
东侧立面图



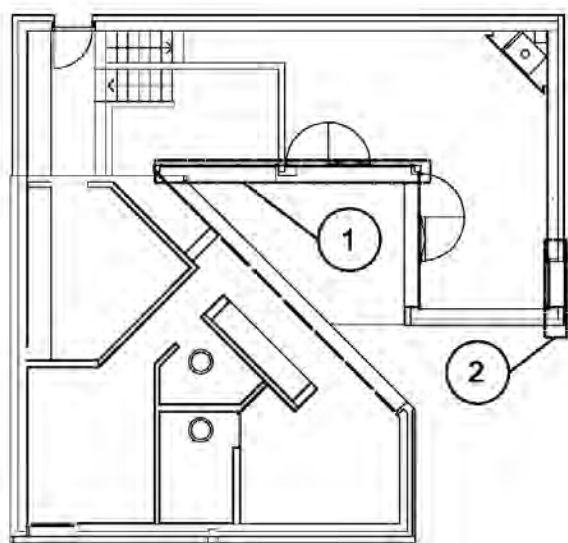
西侧立面图



南侧立面图

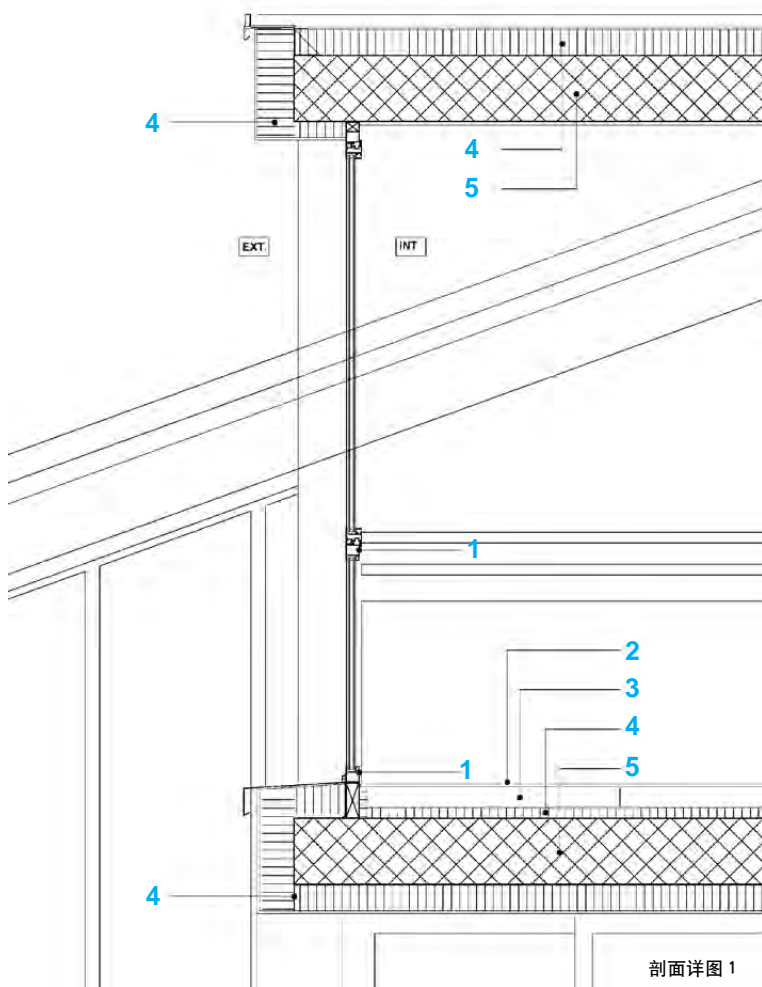


北侧立面图



剖面详图索引



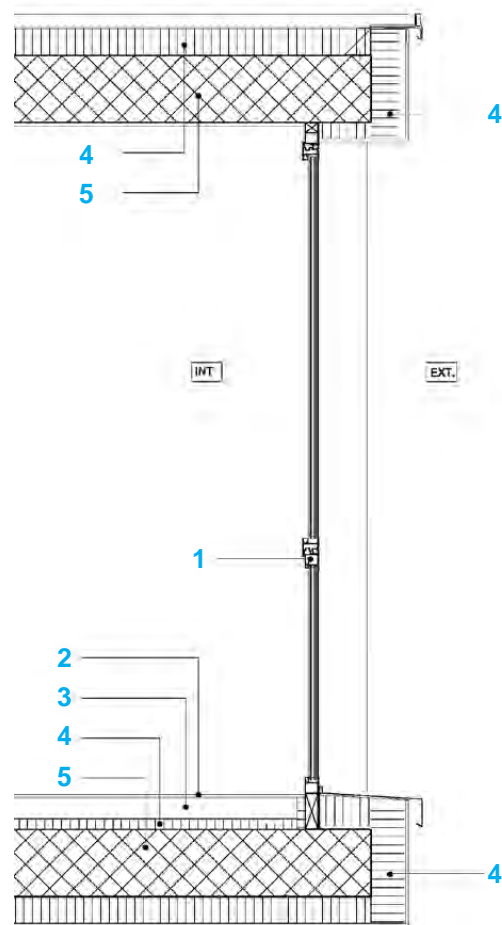


剖面详图 1

1. ALLUMINIUM FRAME
2. MARBLE FLOOR
3. SCREED
4. INSULATION
5. CONCRETE SLAB

剖面详图 1、2

1. 铝制框架
2. 大理石地板
3. 砂浆层
4. 隔热层
5. 混凝土板

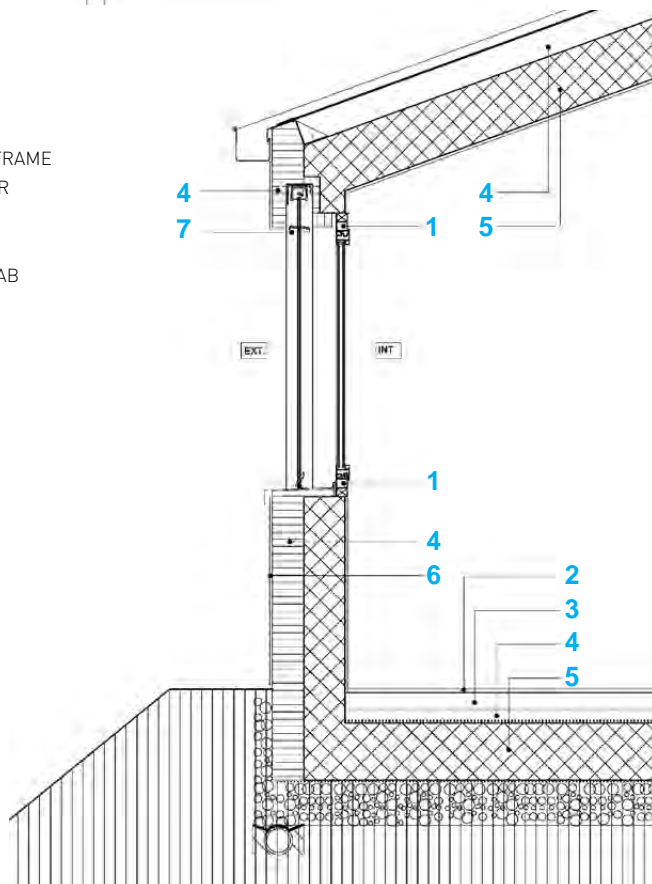


剖面详图 2

1. ALLUMINIUM FRAME
2. MARBLE FLOOR
3. SCREED
4. INSULATION
5. CONCRETE SLAB
6. PLASTERING
7. BLINDS

剖面详图 3

1. 铝制框架
2. 大理石地板
3. 砂浆层
4. 隔热层
5. 混凝土板
6. 灰泥墙面
7. 百叶窗



剖面详图 3

# Yachting Club Villas | 游艇俱乐部别墅

**Architecture Design / 建筑设计 :** Davide Macullo Architects **Project Architect / 项目建筑师 :** Davide Macullo, Makis Lahanas **Location / 地点 :** Greece  
**Area / 面积 :** site 5,000 m<sup>2</sup> / building 3,000 m<sup>2</sup> / total floor 5,500 m<sup>2</sup> **Photography / 摄影 :** Enrico Cano, Como, Italy

该项目位于希腊克里特岛的东北岸，建筑朝向大海，如同停泊在岸边码头的游艇群，与天边的海平面遥遥相对。水岸建筑形成的美景是陆地城市景观的补充。房屋之间刚刚修建的小路丝毫不会影响人们眺望海景，建筑师以这样一种既简单又现代的设计手法呼应了海岸上老村落的街道布局。

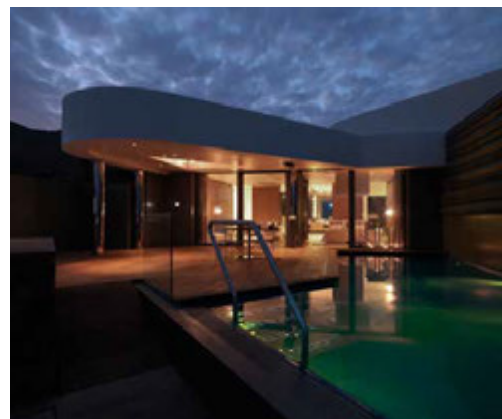
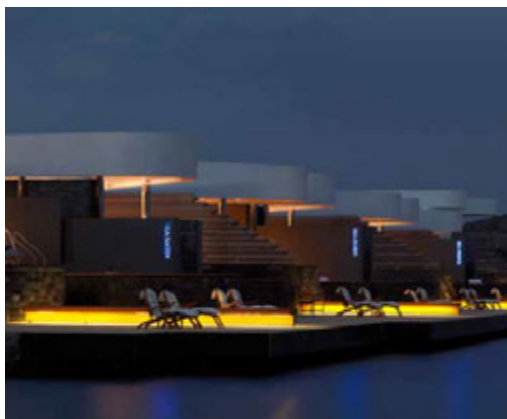
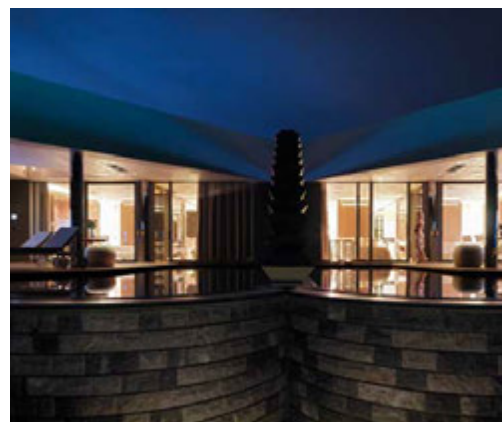
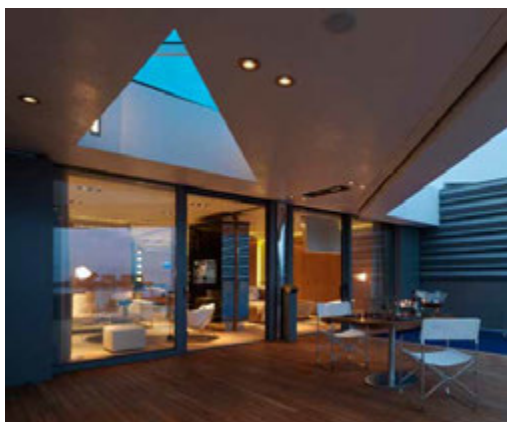
这些独立建筑有着不同的几何形的外观，通过对建筑外观转角的弧形处理，构成了一幅流畅的海岸景观。这样的设计是在两种截然不同的地理条件下产生的新型人造景观。

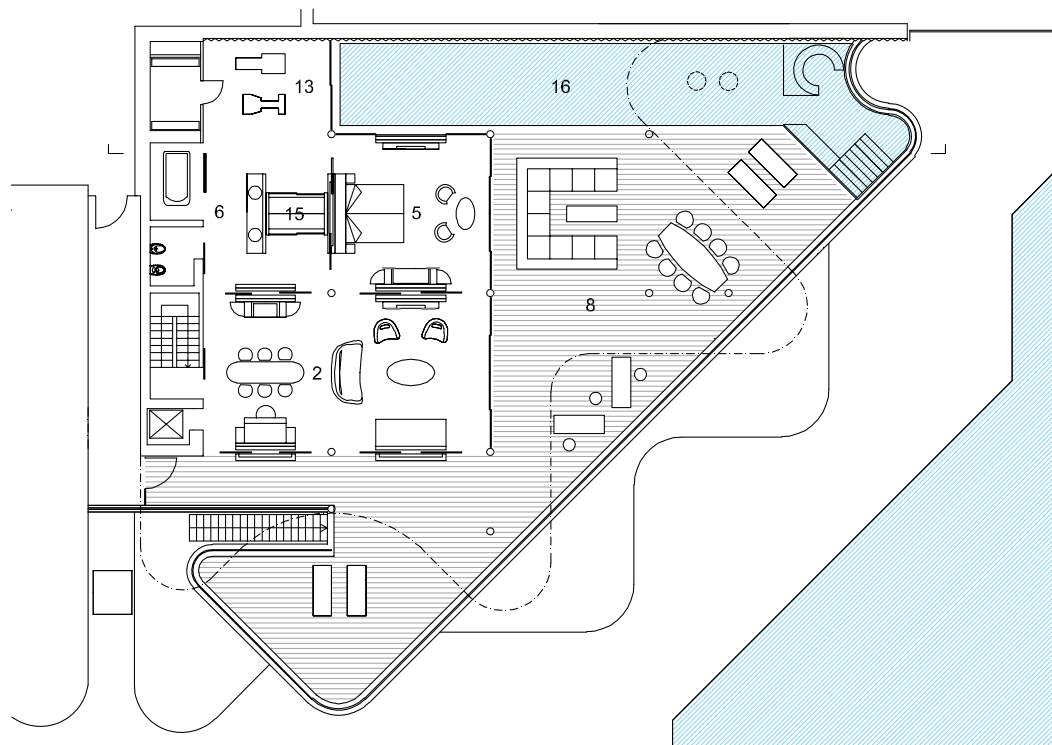
在该项目中，天然的深灰色石材装饰了建筑外墙，使建筑的整体风格与当地环境相契合，而在室内环境中，建筑师大量地使用天然的装饰材料，比如木材与皮革，将人们带入一个丰富多彩的环境中，这种内部装饰又与当地丰富的自然景观相呼应。

Set back on Crete's northeast coast, the row of volumes face the water as anchored yachts towards the sea, while addressing and complementing the urban context on the land side. The newly created pathways between the bungalows afford open views to the sea and have a reduced scale that echo the streets of coastal villages of old in a contemporary way.

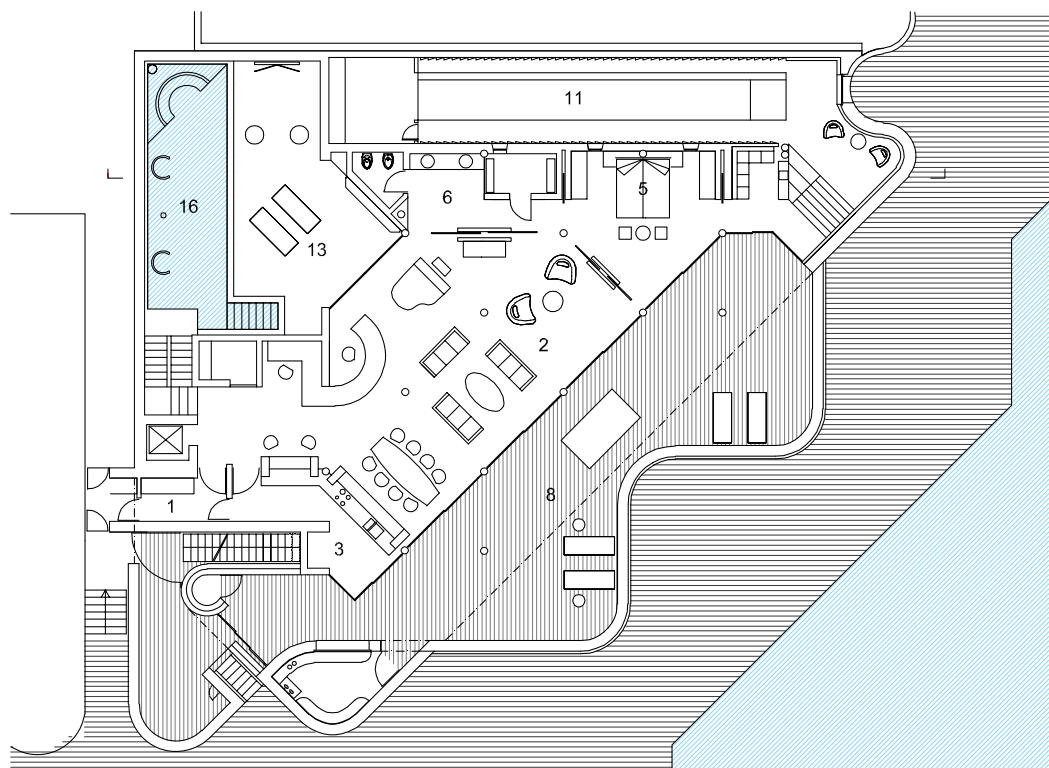
The strong geometry of the individual units is articulated as a fluid coastal landscape by way of the sequence of rounded surfaces and 45 degree wall lines that carve the depths of the volumes. The system emerges as a new artificial landscape relating the two different conditions.

The use of a natural dark grey stone for the exterior wall cladding on the set the new volumes is keeping in harmony with the local environment while the use of natural materials such as wood and leather interiors enwraps the people in a discreetly opulent atmosphere, in balance with the natural surroundings.

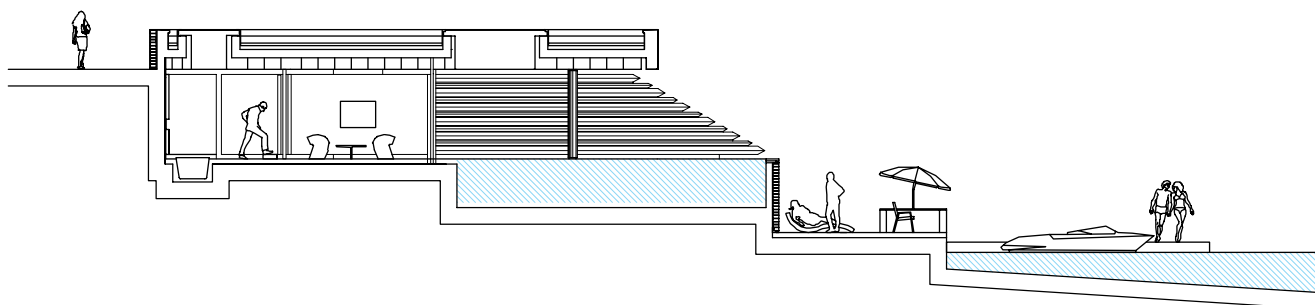




一层平面图



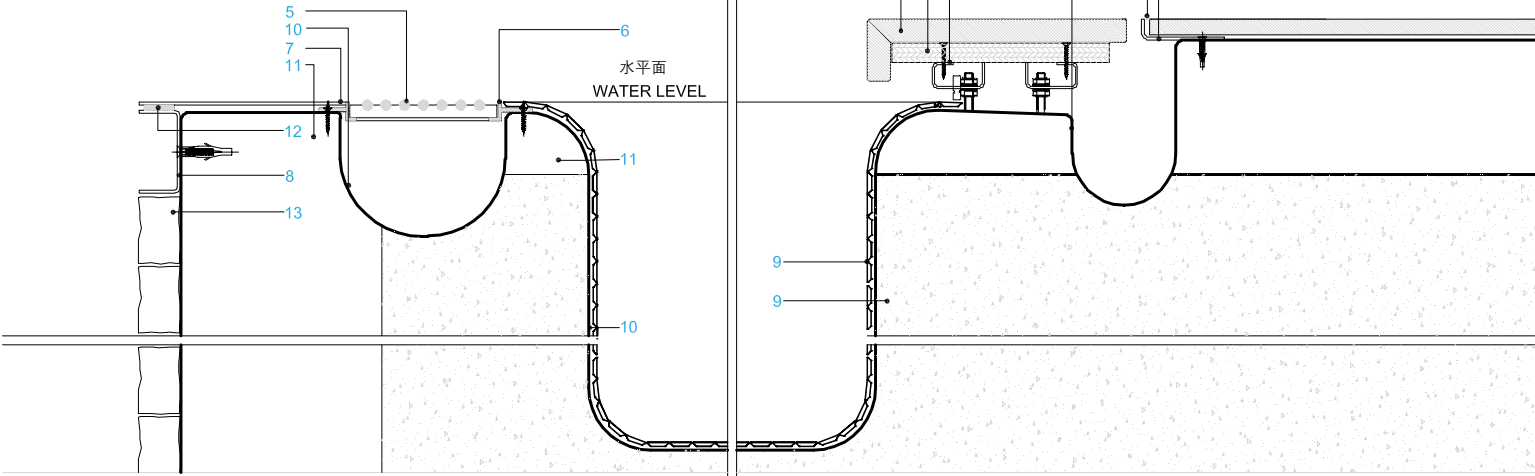
二层平面图



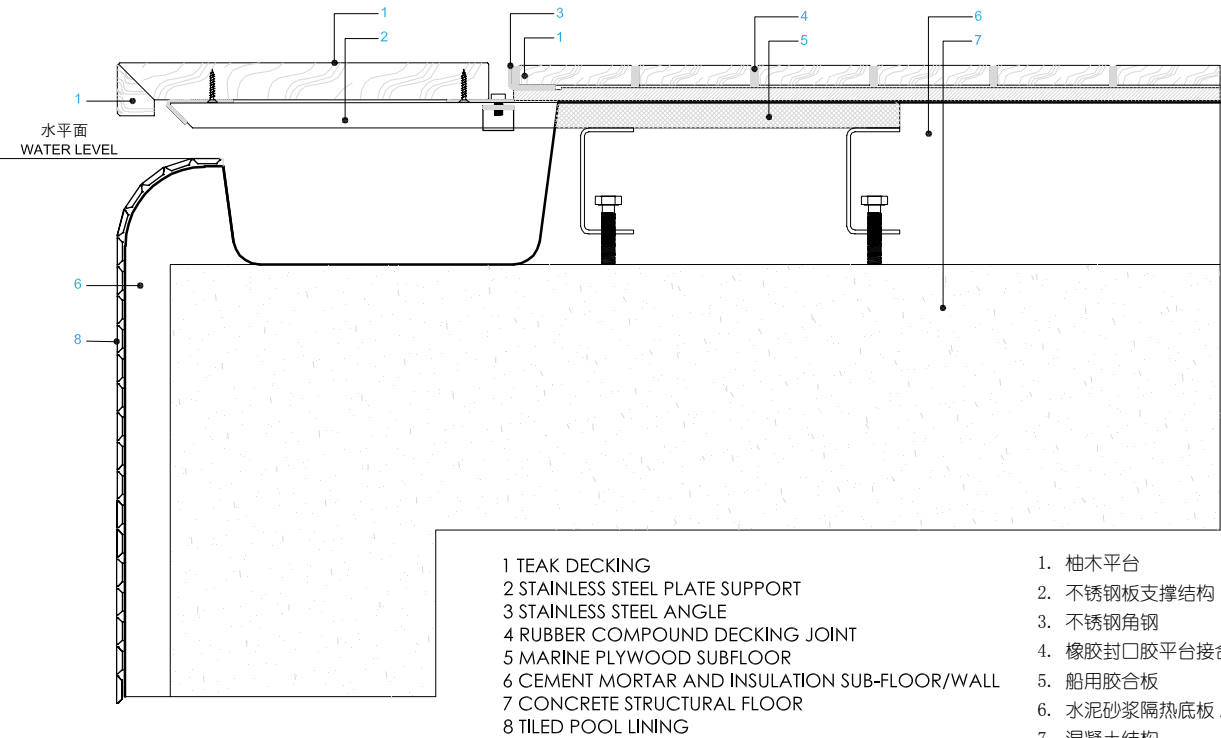
剖面图

- 1 TEAK DECKING
- 2 MARINE PLYWOOD SUB-FLOOR
- 3 STAINLESS STEEL SUBFLOOR FRAMING
- 4 RUBBER COMPOUND JOINT
- 5 STAINLESS STEEL DRAINAGE GRILLE
- 6 DRAINAGE GRILLE FRAMING
- 7 STAINLESS STEEL POOL COPING
- 8 STAINLESS STEEL CHANNEL
- 9 TILES
- 10 PAINTED WATERPROOF LAYER
- 11 DECK SUBFLOOR AND WALL STRUCTURE (CONCRETE)
- 12 STAINLESS STEEL PLATE
- 13 EXTERNAL STONE WALL CLADDING

- 1. 柚木平台
- 2. 船用胶合板底板
- 3. 不锈钢底板框架
- 4. 橡胶封口胶接合点
- 5. 不锈钢排水格栅
- 6. 排水格栅框架
- 7. 不锈钢饰面
- 8. 不锈钢凹槽
- 9. 瓷砖
- 10. 涂漆防水层
- 11. 底板和墙壁结构（混凝土）
- 12. 不锈钢板
- 13. 外部石墙



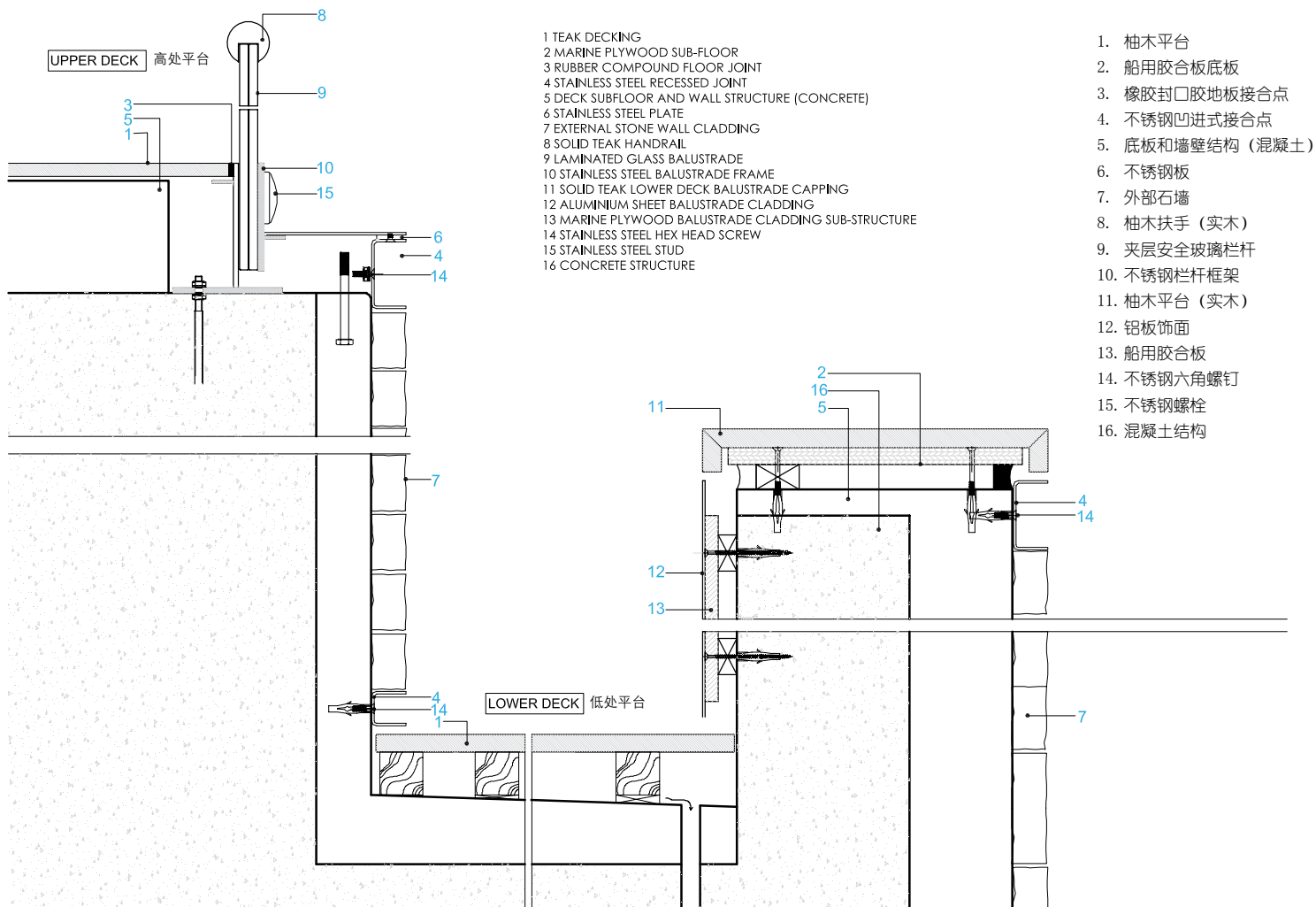
游泳池和上部平台剖面详图



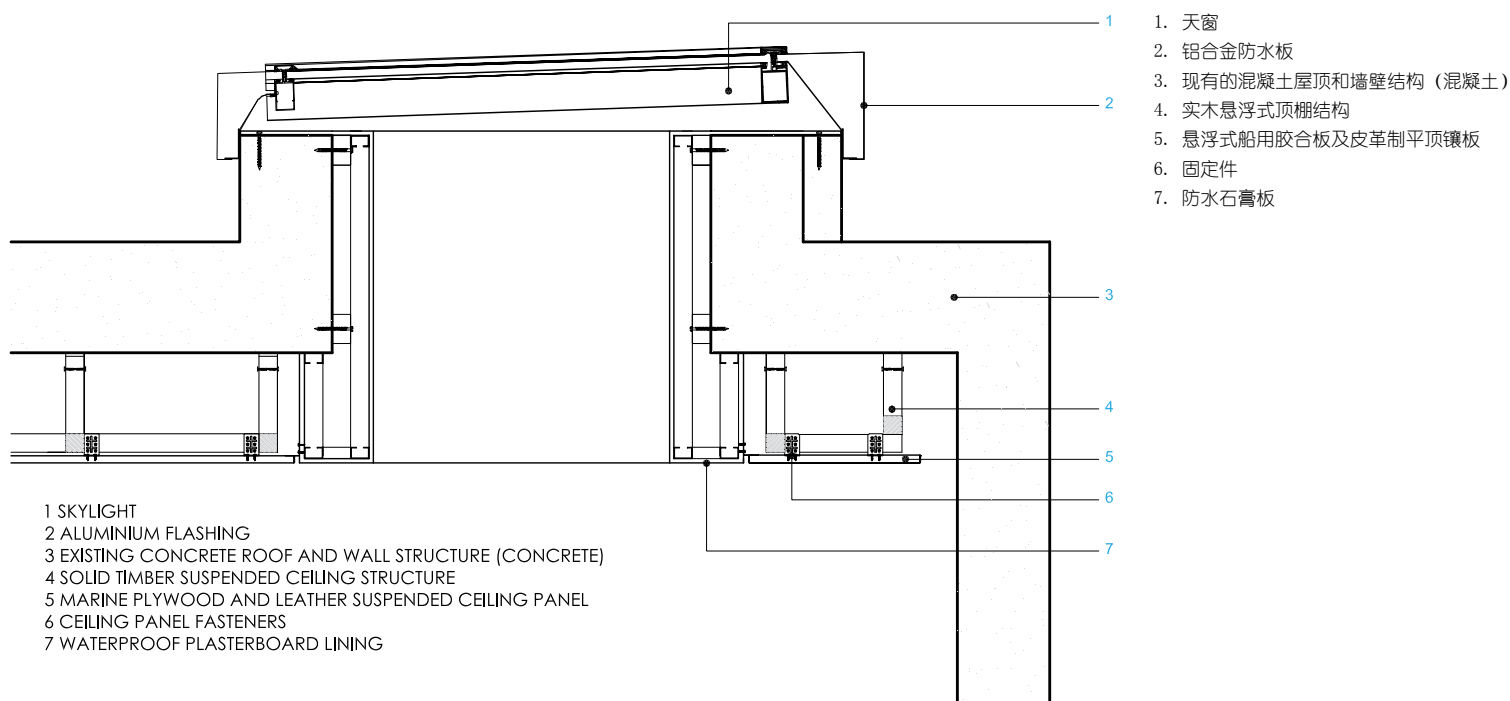
- 1 TEAK DECKING
- 2 STAINLESS STEEL PLATE SUPPORT
- 3 STAINLESS STEEL ANGLE
- 4 RUBBER COMPOUND DECKING JOINT
- 5 MARINE PLYWOOD SUBFLOOR
- 6 CEMENT MORTAR AND INSULATION SUB-FLOOR/WALL
- 7 CONCRETE STRUCTURAL FLOOR
- 8 TILED POOL LINING
- 1. 柚木平台
- 2. 不锈钢板支撑结构
- 3. 不锈钢角钢
- 4. 橡胶封口胶平台接合点
- 5. 船用胶合板
- 6. 水泥砂浆隔热底板 / 墙壁
- 7. 混凝土结构
- 8. 游泳池内层（瓷砖饰面）

游泳池排水渠剖面详图

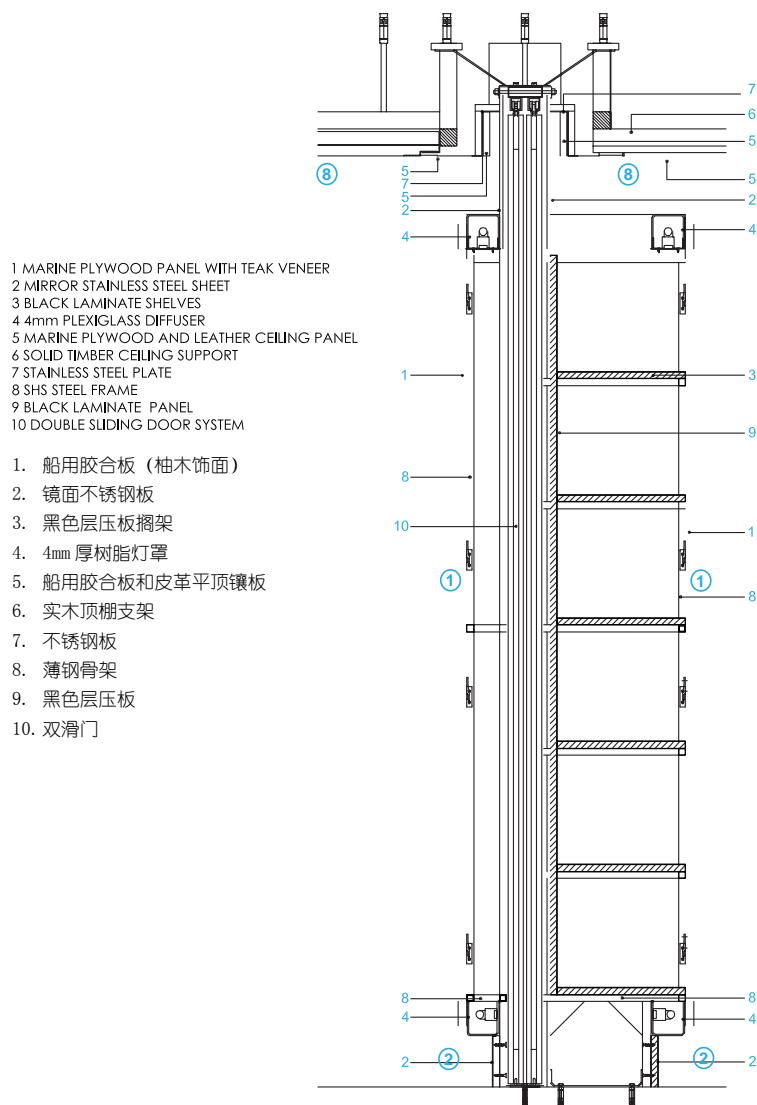




平台剖面详图

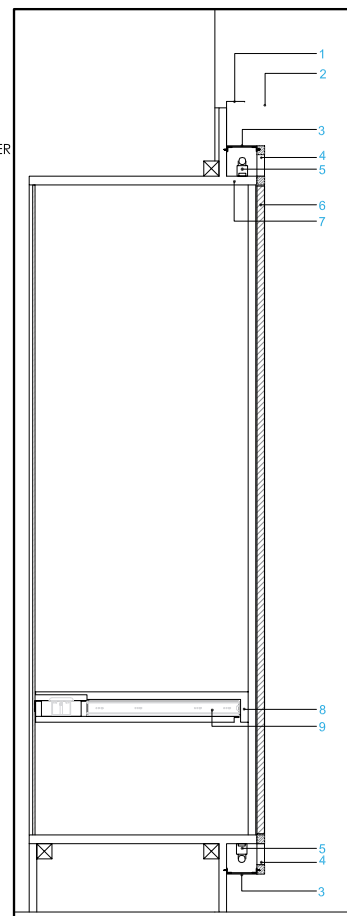


天窗剖面详图



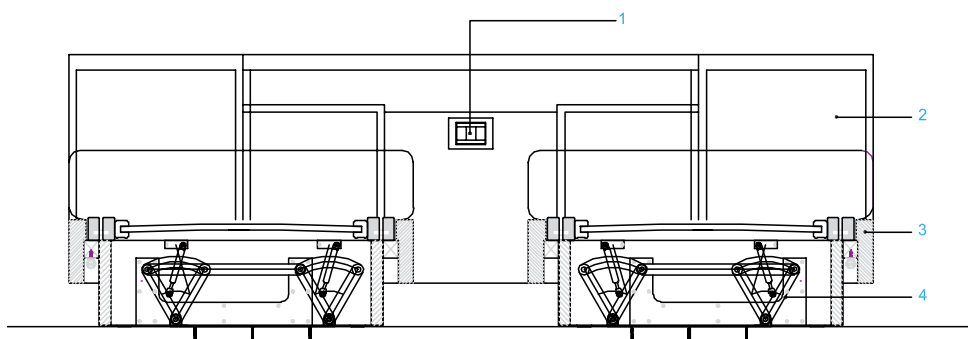
- 1 MIRROR STAINLESS STEEL RECESSED CORNICE  
2 SUSPENDED LEATHER CEILING PANEL  
3 REMOVABLE ACRYLIC DIFFUSER  
4 ILLUMINATED SLOT  
5 FLUORESCENT TUBES  
6 MARINE PLYWOOD CUPBOARD DOOR WITH TEAK VENEER  
7 MARINE PLYWOOD JOINERY CARCASS  
8 SLIDING SHELF  
9 SLIDING SHELF HARDWARE

1. 镜面不锈钢凹进式檐口  
2. 悬挂式皮革平顶镶板  
3. 树脂灯罩  
4. 有照明的槽沟  
5. 日光灯  
6. 船用胶合板柜门（柚木饰面）  
7. 船用胶合板细木工构架  
8. 滑动架  
9. 滑动架硬件



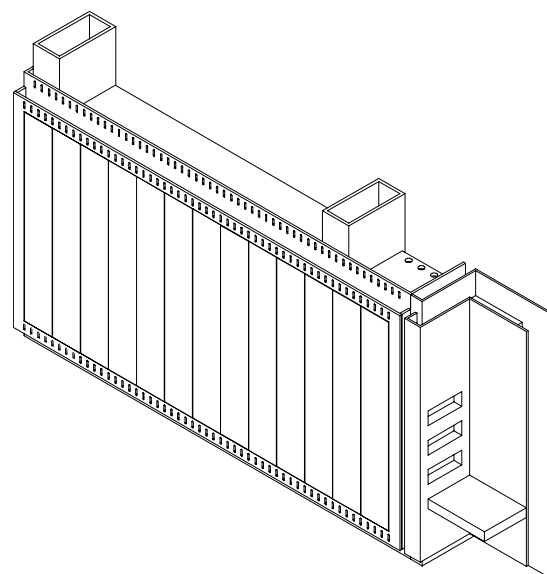
推拉门剖面详图

起居室衣柜剖面详图



- 1 STAINLESS STEEL  
2 TIMBER VENEER BEDHEAD  
3 SOLID TIMBER AND LEATHER BED FRAME  
4 EXPANDING BED MECHANISM

1. 不锈钢  
2. 木饰面床头板  
3. 实木床架（皮革饰面）  
4. 床体内的机械装置

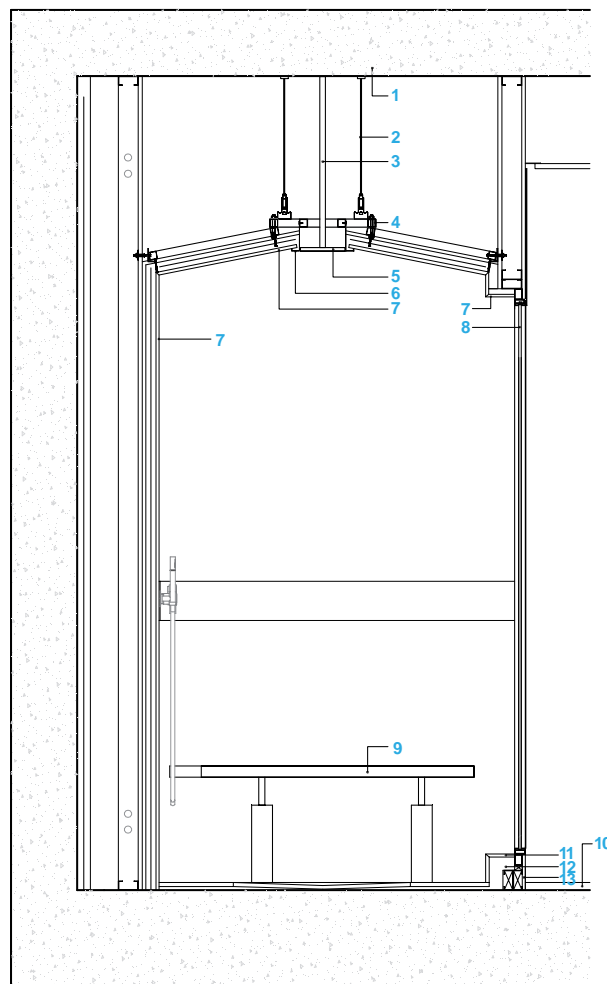
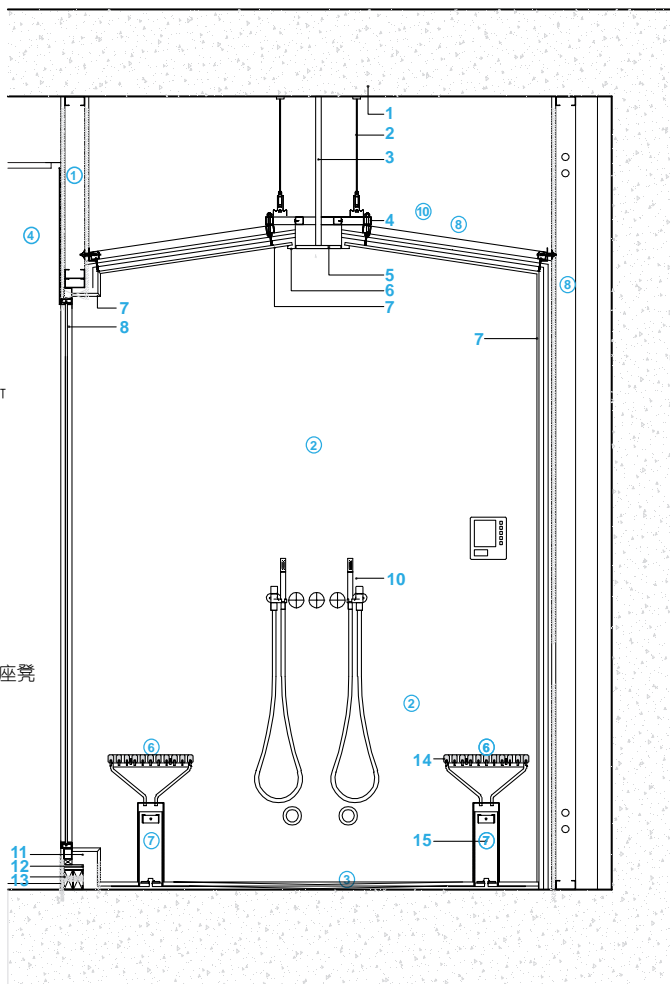


床的剖面详图

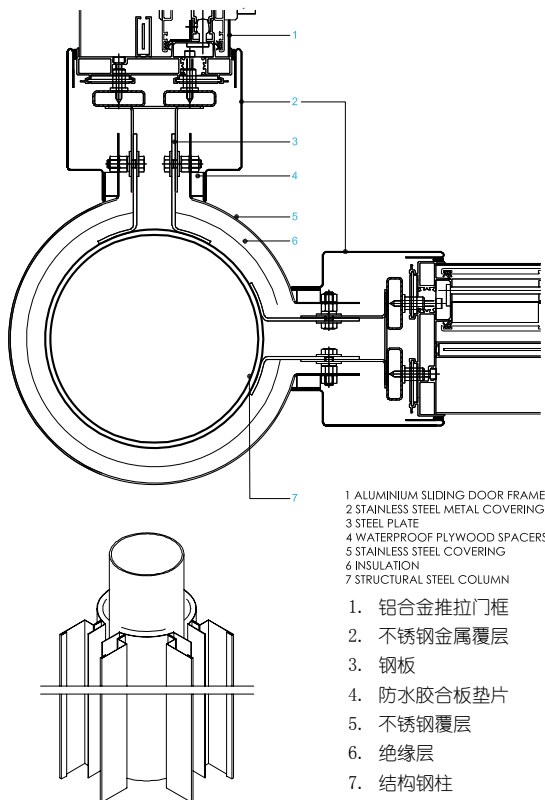
起居室储物柜轴测图

- 1 EXISTING CONCRETE ROOF STRUCTURE
- 2 SUSPENSION ROD
- 3 WATER SUPPLY TUBE
- 4 SUSPENDED SHS STEEL FRAME
- 5 SHOWER HEAD
- 6 BACK PAINTED GLASS (WHITE)
- 7 MARBLE LINING
- 8 ACID ETCHED GLASS
- 9 CORIAN AND STEEL BENCH SEAT
- 10 MIXERS AND VALVES
- 11 MARBLE STEP
- 12 ACQUAPANEL
- 13 STEEL AND TIMBER FRAMING
- 14 10mm CORIAN BENCH SEAT
- 15 STAINLESS STEEL BENCH SUPPORT

1. 现有的混凝土屋顶结构
2. 吊杆
3. 供水管
4. 悬挂式钢板框架
5. 喷头
6. 玻璃（单面涂白色漆）
7. 大理石贴面
8. 酸蚀玻璃
9. 可丽耐大理石和钢结构座凳
10. 混合器和阀门
11. 大理石台阶
12. 安耐板
13. 钢和木结构框架
14. 10mm 可丽耐座椅
15. 不锈钢座椅支架



淋浴间剖面详图

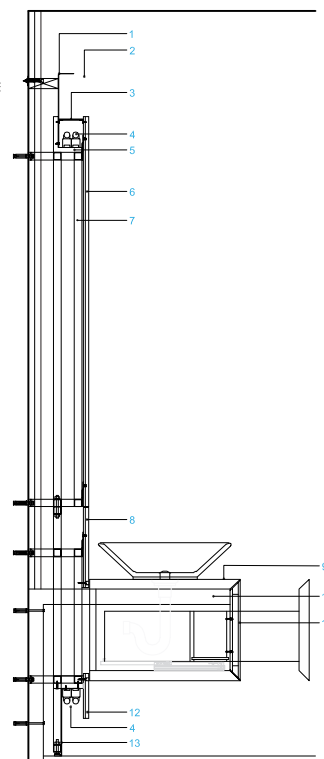


- 1 ALUMINIUM SLIDING DOOR FRAME
  - 2 STAINLESS STEEL METAL COVERING
  - 3 STEEL PLATE
  - 4 WATERPROOF PLYWOOD SPACERS
  - 5 STAINLESS STEEL COVERING
  - 6 INSULATION
  - 7 STRUCTURAL STEEL COLUMN
1. 铝合金推拉门框
  2. 不锈钢金属覆层
  3. 钢板
  4. 防水胶合板垫片
  5. 不锈钢覆层
  6. 绝缘层
  7. 结构钢柱

角柱剖面详图及轴测图

- 1 MIRROR STAINLESS STEEL RECESSED CORNICE
- 2 SUSPENDED LEATHER CEILING PANEL
- 3 REMOVABLE ACRYLIC DIFFUSER
- 4 FLUORESCENT TUBES
- 5 TIMBER ANGLE LIGHTING SUPPORT
- 6 MIRROR
- 7 STEEL HOLLOW SECTION FRAMING
- 8 MARBLE SPLASHBACK
- 9 TEAK BENCHTOP
- 10 STEEL ANGLE SUPPORT
- 11 TEAK DRAWER FRONT
- 12 MARBLE KICK PLATE
- 13 MIRROR STAINLESS STEEL SKIRTING

1. 镜面不锈钢凹进式檐口
2. 悬挂式皮革平顶镶板
3. 树脂灯罩
4. 日光灯
5. 木结构照明装置
6. 镜面
7. 钢构架
8. 大理石防溅挡板
9. 柚木台面
10. 角钢支架
11. 柚木抽屉前板
12. 大理石挡板
13. 镜面不锈钢踢脚线



浴室洗脸台剖面详图