

海口江东寰岛实验学校

Haikou Jiangdong Huandao Experimental School

2019-2022

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项目位于海南省海口市，校园包括一个 48 班高中和学生宿舍，以及一个 18 班幼儿园，总建筑面积 64,700 平方米。这是 TAO 在海口的第二个学校项目，也是再一次对教育与在地性关切意义的探索与实践。

Located in Haikou, Hainan, China, the campus includes a high school and student dormitory for 48 high school classes, and a kindergarten for 18 kindergarten classes, with a total floor area of 64,700 square meters. This is TAO's second educational project in Haikou, which is another creative practice of exploring links between education and architecture with respect of local context.



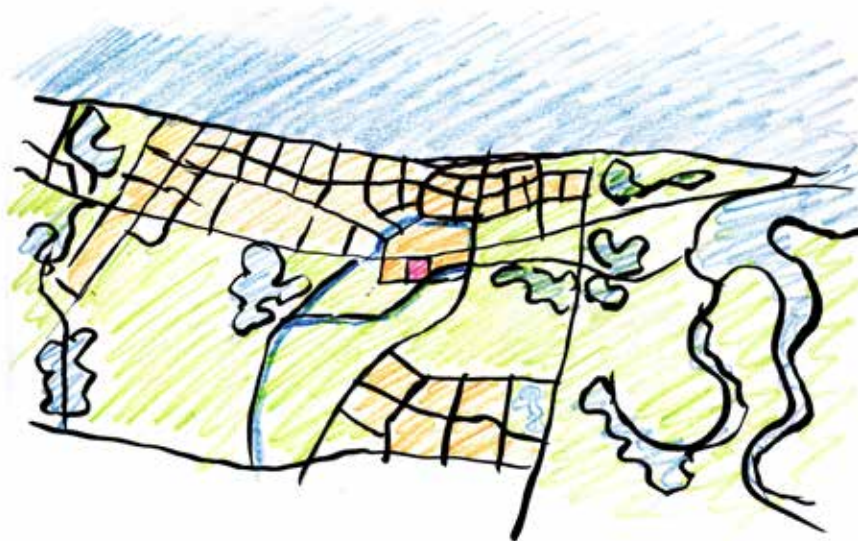


区位图  
Context diagram



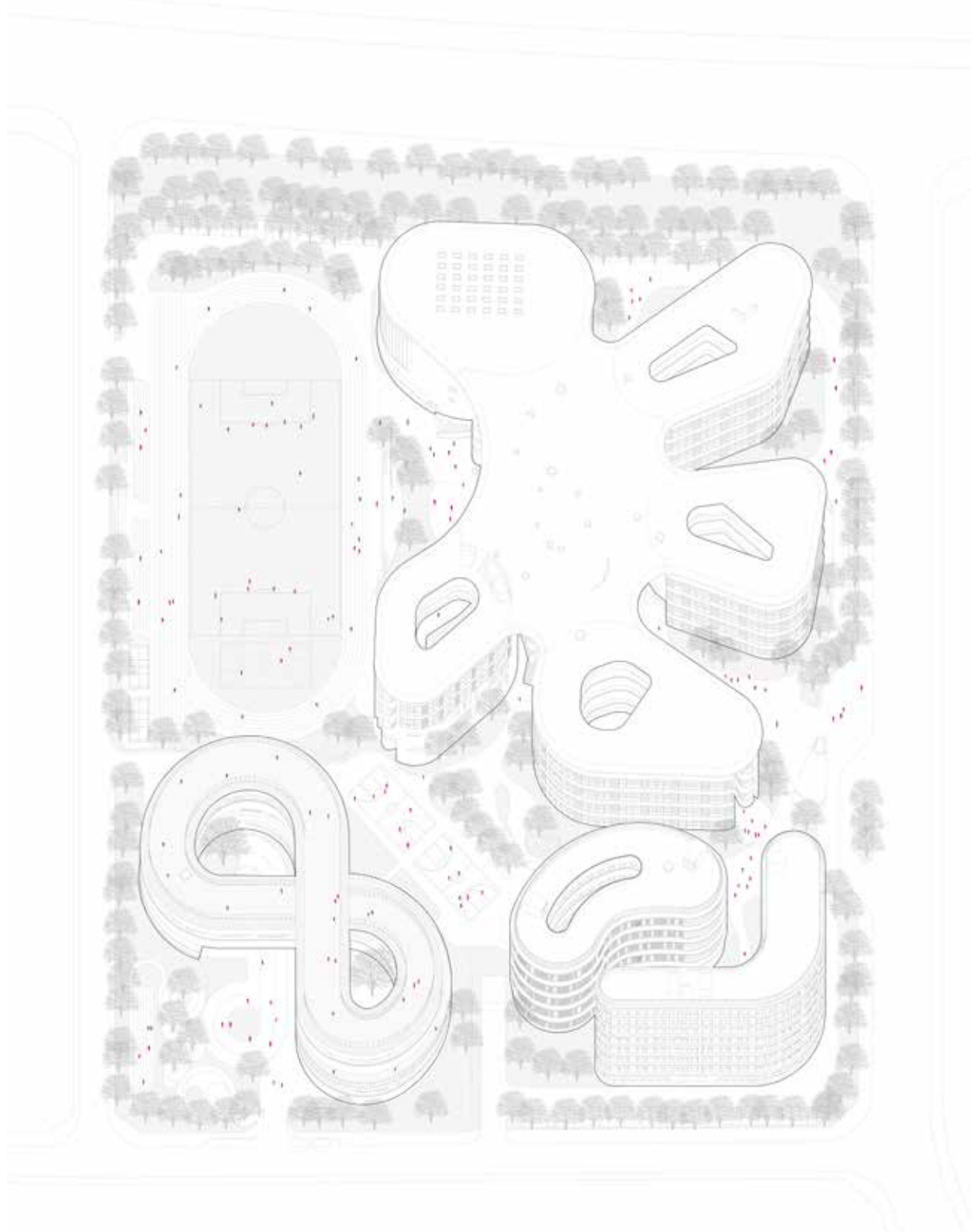
周边环境与场地  
Site and its surroundings



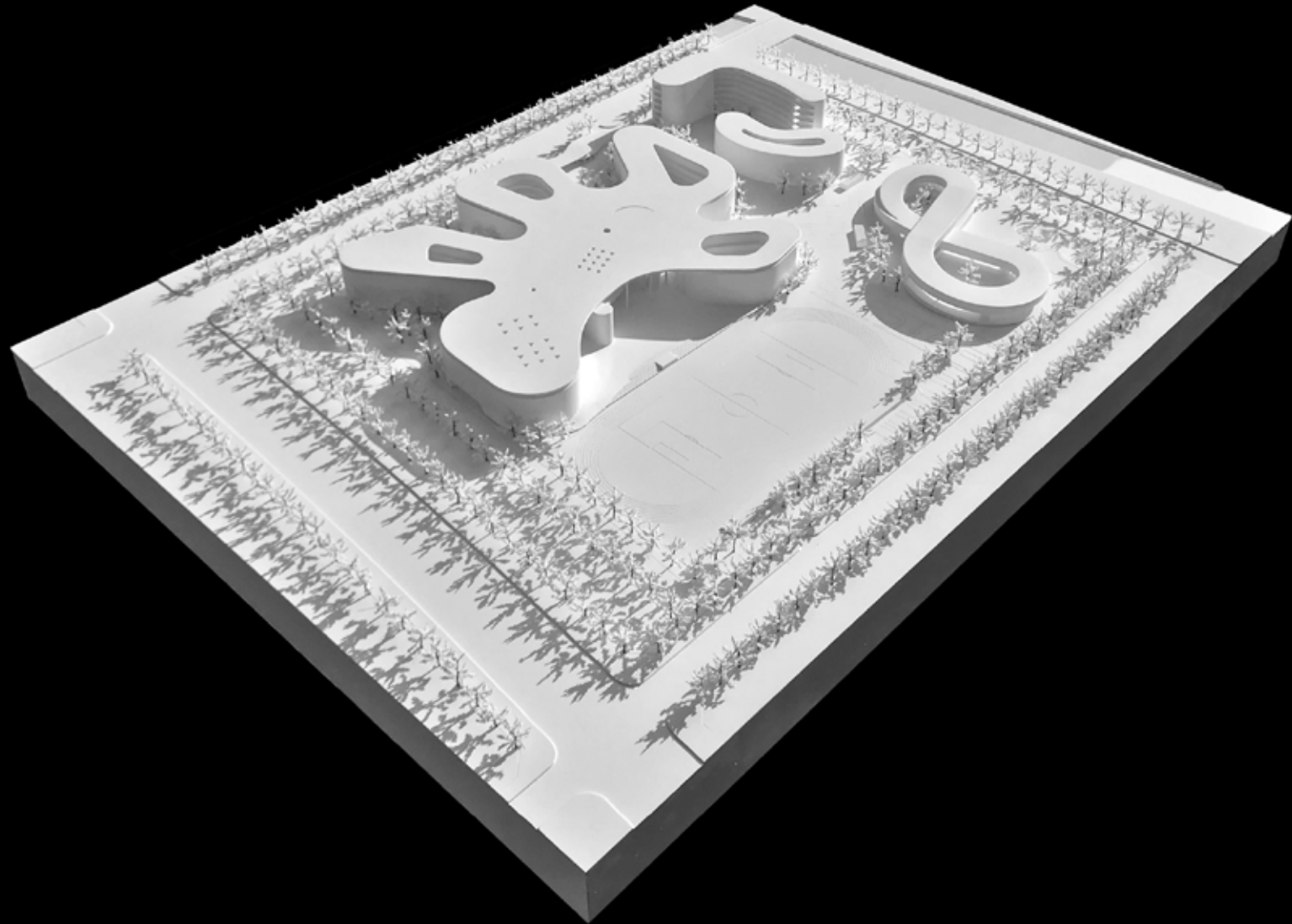


场地位于海口市东海岸区域的江东新区，水城相容，蓝绿共生。设计将校园视为一个微缩的田园城市，以有机的形态回应周边场地的自然环境，建筑与外围田园、绿地、河流、湿地、海洋融合，共同构建一个有机整体。同时，建筑以自由的曲线、浓烈的色彩、诗意的空间形态呼应儿童特有的童真、童趣，营造出充满想象力的空间体验，让校园成为承载学生时代记忆的独特场所。

The site is located in Jiangdong New District, east coast area of Haikou. The design regards the campus as a miniature garden city, responding to the surrounding environment in an organic form. The building integrates with the surrounding countryside area, green space, river, wetland and ocean, being part of a unified whole. Meanwhile, the free curves, vivid colors and poetic spaces, which echo the unique childlike innocence and playfulness, are aimed to evoke children's imagination and creativity, making students a unique school experience.



轴测图  
Axonometric Drawing



1: 500 手工模型  
1:500 Physical Model

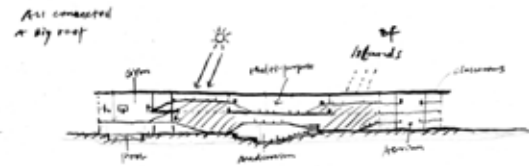
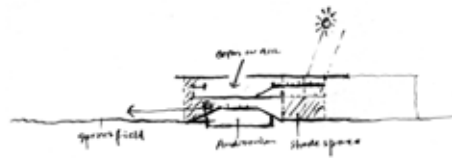
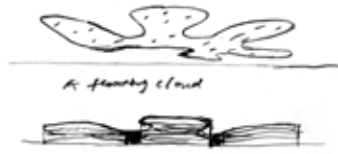




1: 500 手工模型  
1:500 Physical Model



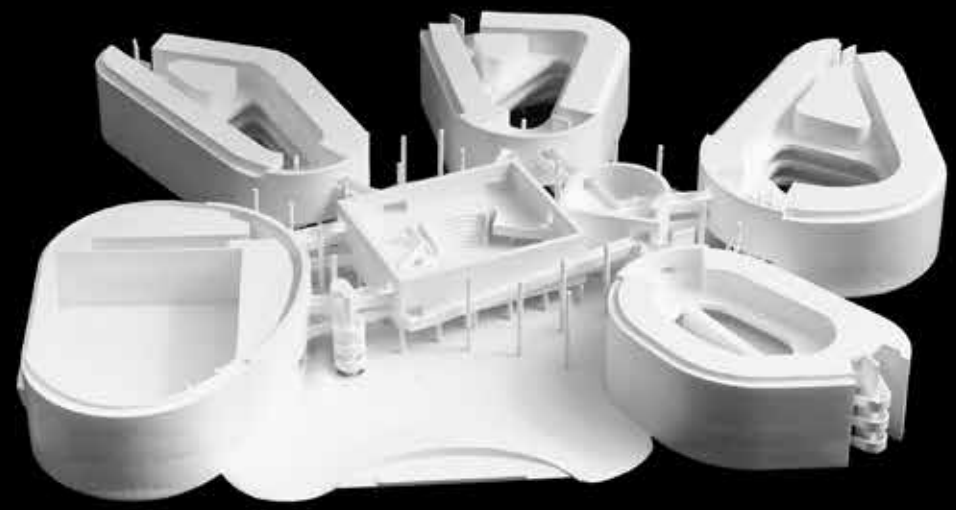
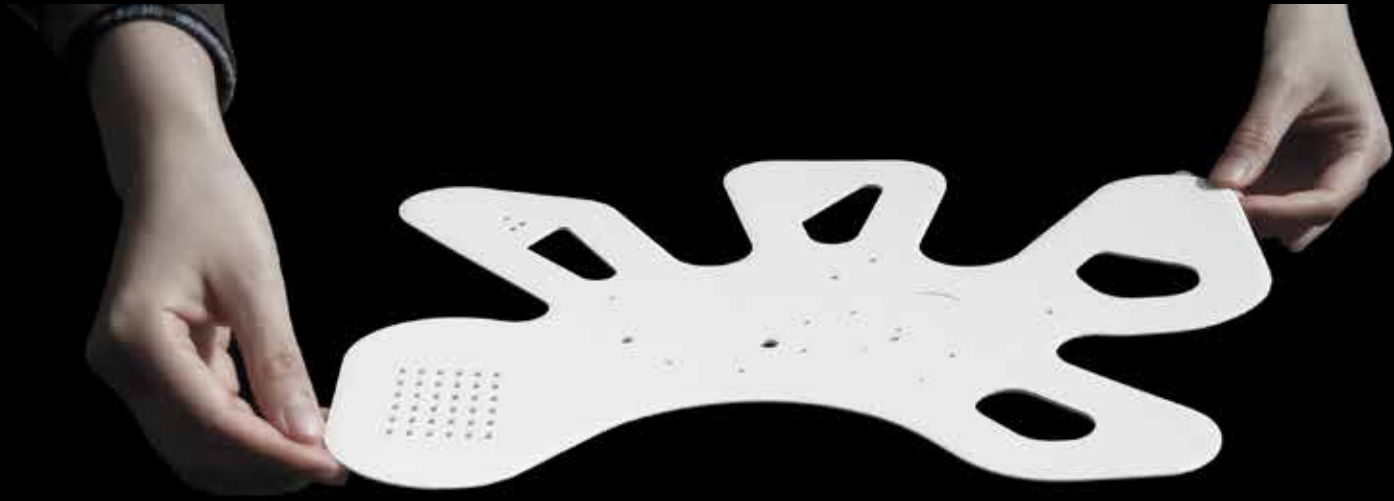
鸟瞰图  
Aerial View



高中设计中，一片漂浮的大屋顶覆于几栋相对独立的教学功能用房之上，以回应海口当地的热带季风气候，满足遮阳、通风与避雨需求的同时，在校园内提供了丰富的檐下活动空间。架空层结合微地形与通高的柱林设计，形成“山丘”、“竹林”的意向，不同高度的空中连廊悬浮于林间，充满童趣与想象的空间能够充分激发儿童探索的天性，他们可以自由地在这片“自然”之中穿行、玩耍。

A large "floating" roof covers several independent teaching blocks, creating adequate shaded outdoor activity spaces for students. At the same time, it provides shading and protection against wind and rain and facilitates natural ventilation, which actively responds to the local tropical climate. The micro-topography landscape design and double-height columns symbolize natural "hills" and "bamboo forest". Bridges of different height are suspended among the columns, creating diversifies spaces that encourage exploration, discovery and imagination.





1: 500 手工模型  
1:500 Physical Model







大屋顶下的高空间  
High space under the large roof





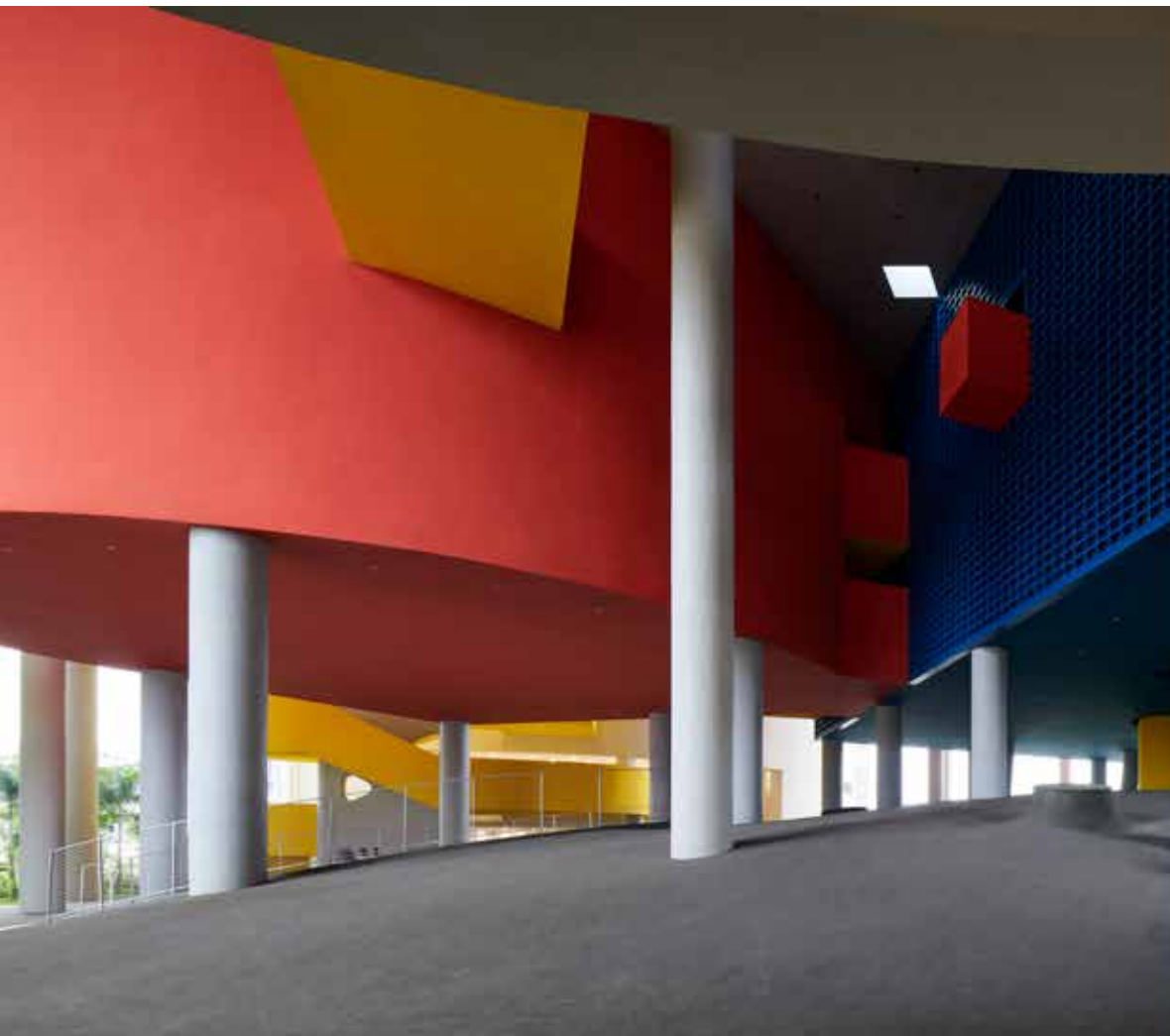




光激活了颜色和空间，带来浓烈的阴影，也让材料有不同的表情。约 17 米高的柱林和几千平方米的大屋盖均采用清水混凝土一体浇筑而成，变化的光线勾勒出空间的韵律层次，超大的尺度使其成为一个巨大的容器，包罗着变幻的空间与高浓度的精神体验。容器内抽象的几何体块，选用浓烈而大块的彩色肌理涂料饰面，赋予了原本理性的几何线条丰富的情感与戏剧性——红色热烈，蓝色沉静，黄色生动。不同颜色的拼贴组合塑造出迥异的空间性格，空间被写意成为一幅幅激动人心的立体油画。

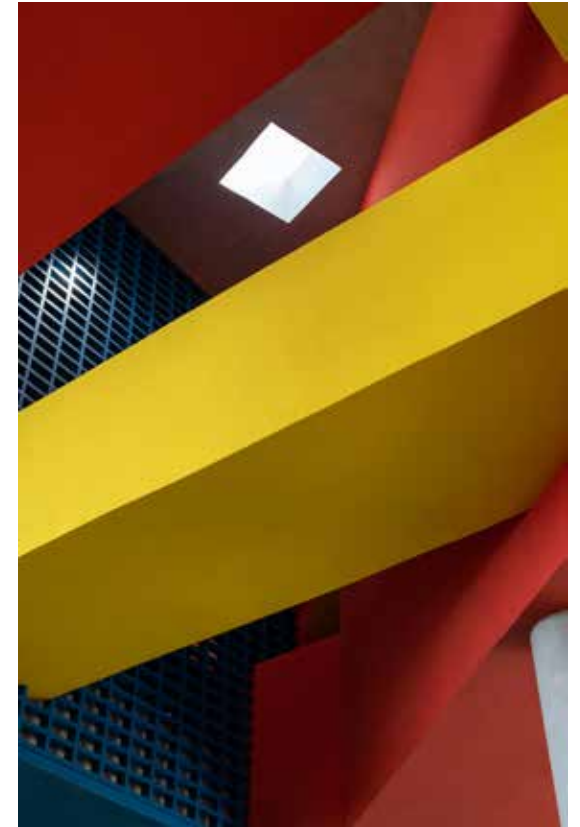
Light activates color and the space, endowing materials with different expressions. The 17-meter-high columns and the thousands-square-meter roof are all made of fair-faced concrete. Through the interplay of light and shadow, it outlines the rhythm of the space, creating a spiritual experience. The abstract geometric volumes are finished in coloured texture paint—red is passionate, blue is calm, yellow is lively—which makes the space to be full of drama and rich in emotion, like a beautiful and dynamic oil painting.











在强烈的阳光与阴影之下，高耸的柱林之间，点点天光在大片色块中跳跃，漫游的人们在时间与空间的迷宫中偶遇，寻找惊喜，或是片刻的宁静。这里呈现出超乎日常的空间体验，将成为一片师生们课后的精神花园，滋养自由，启迪思维。

The interior is illuminated by diffused daylighting through skylights, together with hues of the colors and shadows, it creates an overall spiritual and mystical balance, nourishing the soul and activating minds.





大屋顶下的高空间  
High space under the floating roof



1: 50 手工模型  
1:50 Physical Model





1: 50 手工模型  
1:50 Physical Model



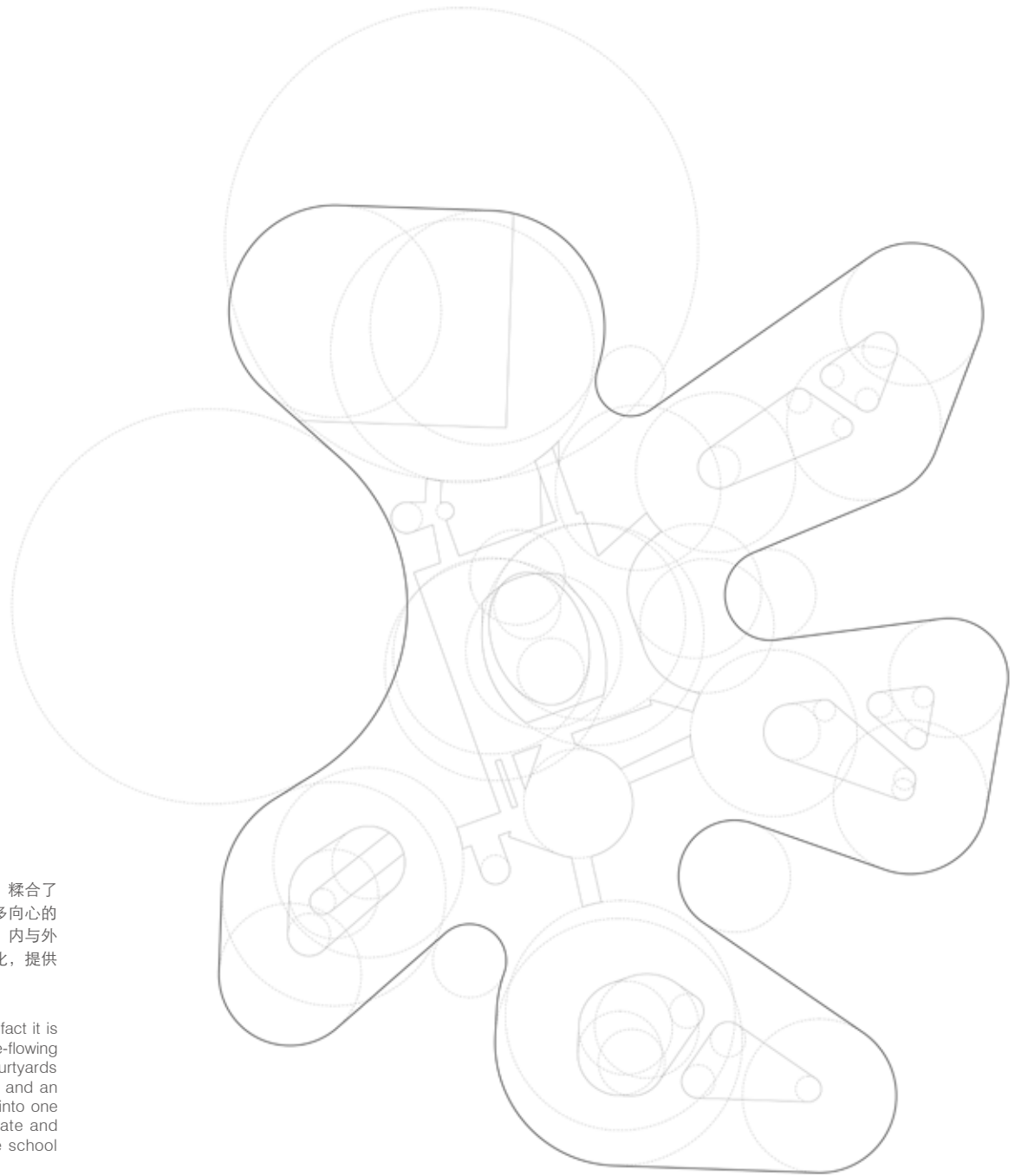
平面上，我们希望从传统学校的“鱼骨形”布局中解放出来，“放射形”的平面使得各功能之间都可以用最短路径联通，实现高效的“分区互联”。

In the design of the senior high school, we hope to be liberated from the "fishbone" layout of the traditional school design. A "radial" plan allows all programs to be connected by the shortest path, achieving efficient interconnection networks.





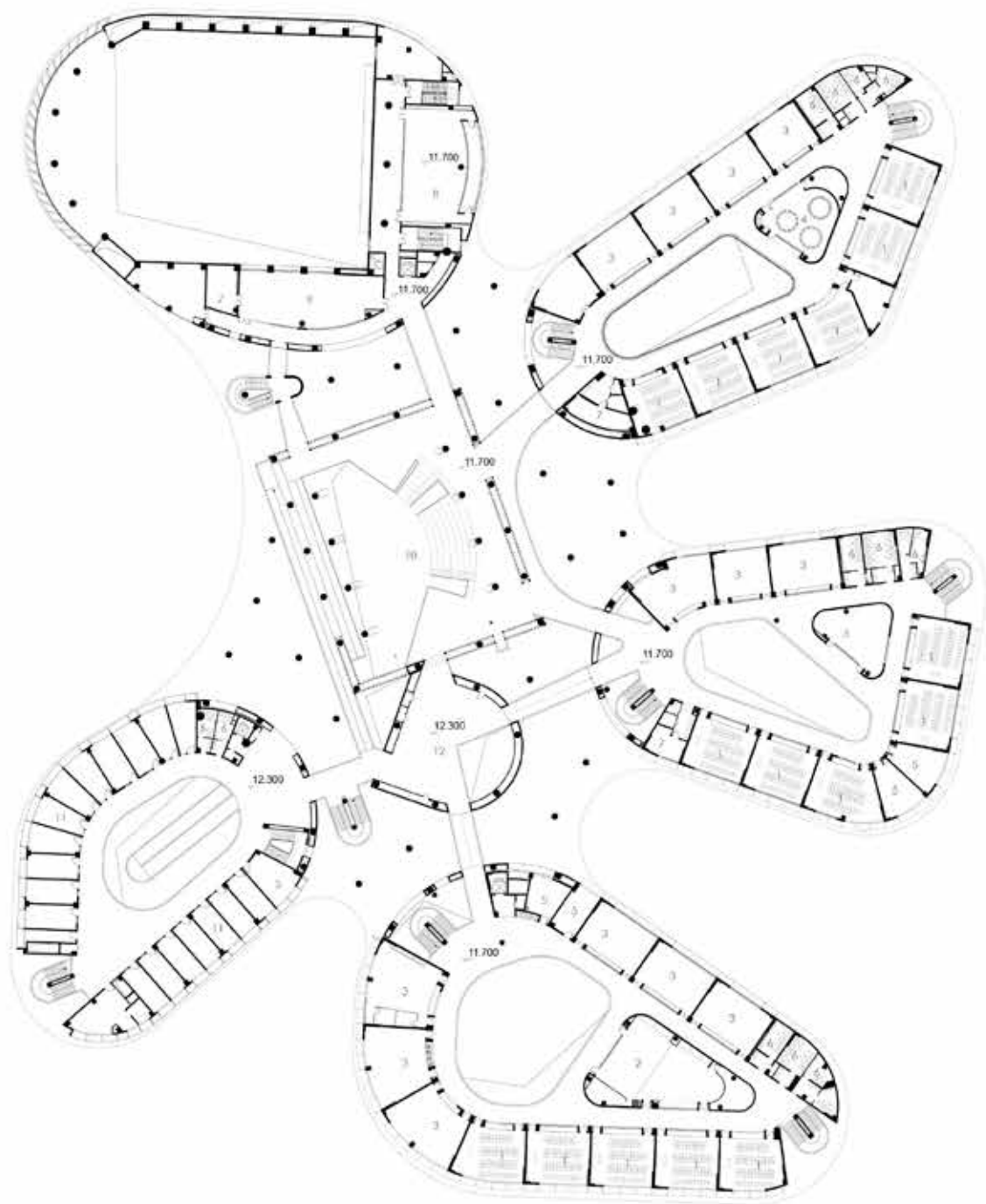




看似无规则的建筑形式实则由精准的几何线所控制，并与整体功能布局密切相关，糅合了感性与理性，显现出自由且具有力量感的空间形态。大大小小的圆弧向内划分许多向心的庭院空间与弧形的建筑空间，向外则定义出流动的公共空间与无边角的建筑形象，内与外相互连通、嵌套，成为一个空间迷宫。漫游其间，路径循环往复，方向性不断变化，提供给师生更具探索式的、丰富的空间体验。

The overall architectural form seems to be composed of freehand curves, but in fact it is controlled by precise geometric lines with sensibility and rationality, defining a free-flowing and yet powerful spatial form. Various circular arcs create many centripetal courtyards and arc-shaped spaces inwardly, while forming flowing outdoor public spaces and an architectural image without angles or corners. Indoor and outdoor spaces flow into one another and inter-nested, forming a labyrinth space in which pathways circulate and directionality keep changing. It provides users with an exploratory and unique school experience.

- |            |                          |
|------------|--------------------------|
| 1. 普通教室    | General Classroom        |
| 2. 舞蹈教室    | Dance Classroom          |
| 3. 专业教室    | Multi-purpose Classroom  |
| 4. 美术教室    | Art Classroom            |
| 5. 办公室     | Office                   |
| 6. 卫生间     | Restroom                 |
| 7. 储藏室     | Storage                  |
| 8. 体操训练室   | Rhythmic Gymnastics Hall |
| 9. 乒乓球室    | Table Tennis Room        |
| 10. 多功能活动厅 | Multi-purpose Hall       |
| 11. 教师休息室  | Lounge                   |
| 12. 展厅     | Exhibition Hall          |



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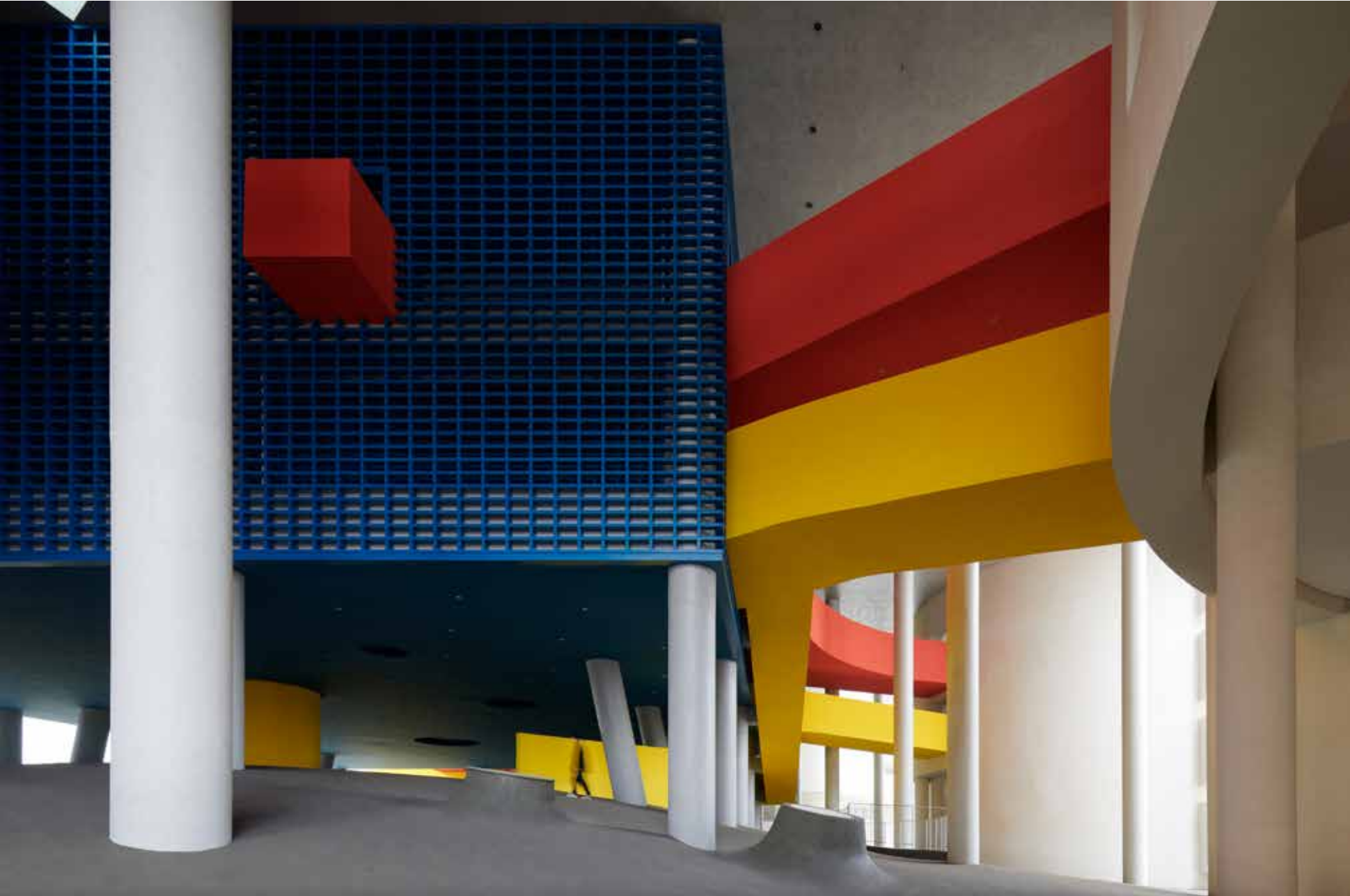


四层平面图 FOURTH-FLOOR PLAN



位于放射中心位置的是蓝盒子和红盒子构成的多功能艺术空间，其中的大台阶与高空间能够承载多种活动的发生。设计初衷来自于我们希望能够为高楼层的学生提供一片空中的活动场地，这样在短暂的课间休息时间，他们不用下楼也可以有足够的休闲空间。另一方面，海口经常会有下雨和暴晒的极端天气，室外操场的使用频率并不高，大屋檐下的多功能空间能够充分回应当地气候，为师生提供大量遮阴避雨的活动场所。

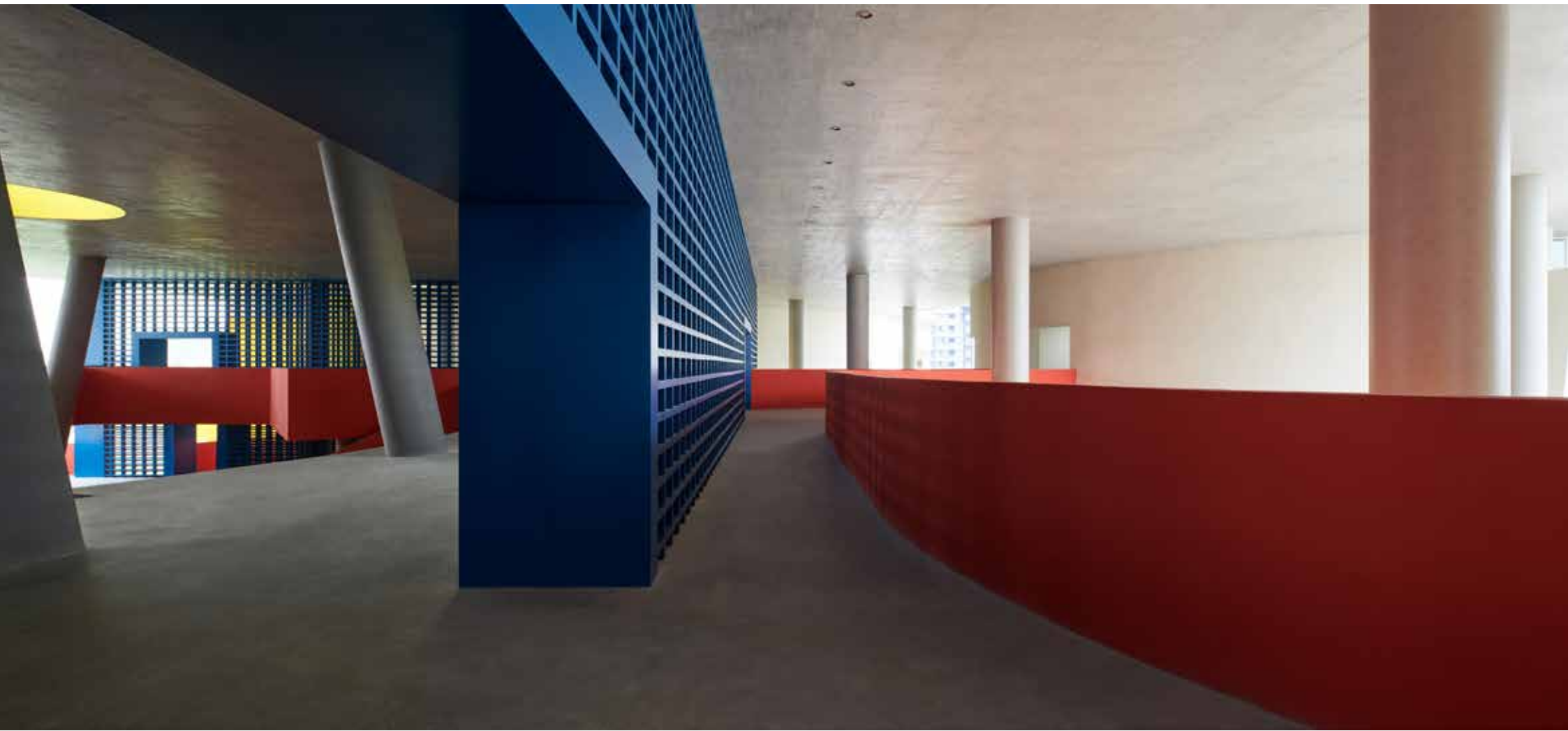
Located at the radial center is a multifunctional art space composed of blue and red boxes. The large steps and high spaces can accommodate various activities. The intention of the design comes from our hope to provide a lifted activity area for students, who study in high-rise classrooms, to relax without going downstairs during short breaks. On the other hand, the outdoor playground is not frequently used considering Haikou's extreme weather with frequent rain and intense sun exposure. The multifunctional space under the large eaves can fully respond to the local climate and provide a lot of sheltered activity spaces for teachers and students.







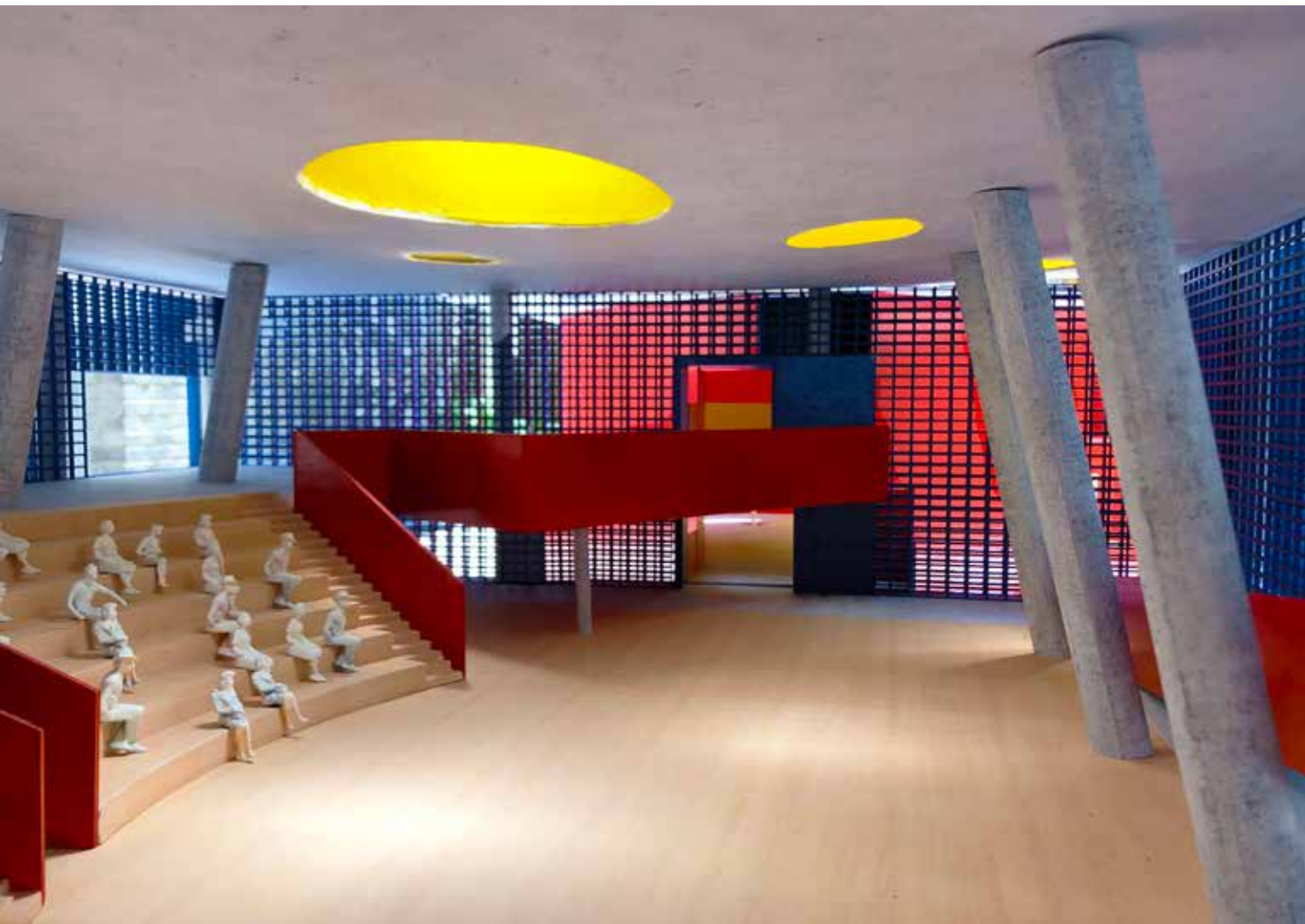
联通空间形成的散点透视  
the idea of cavalier perspective in the connection space



半室外联通空间  
Semi-outdoor connection space



剖透视  
Perspective Section



1: 30 手工模型  
1:30 Physical Model

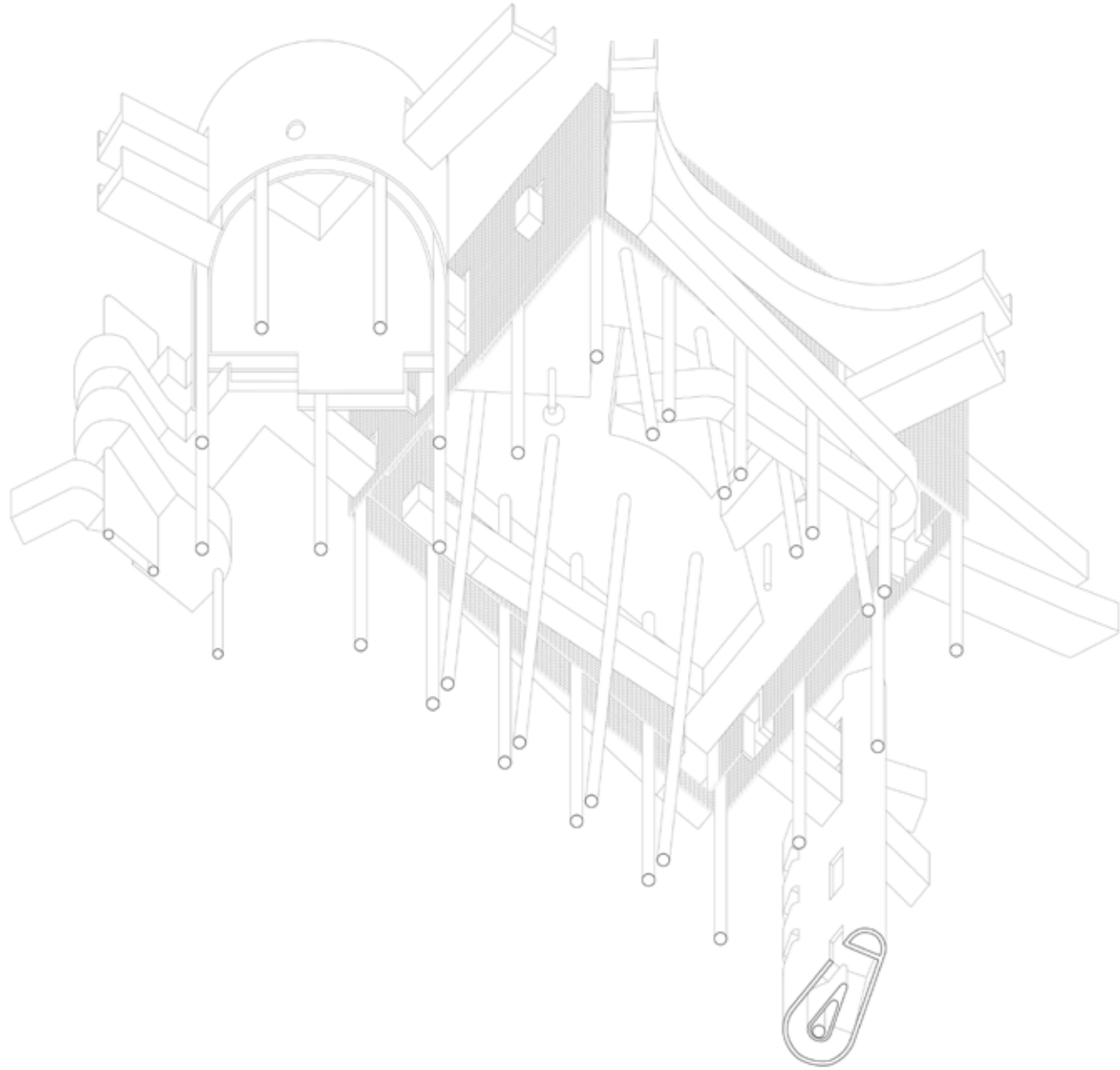




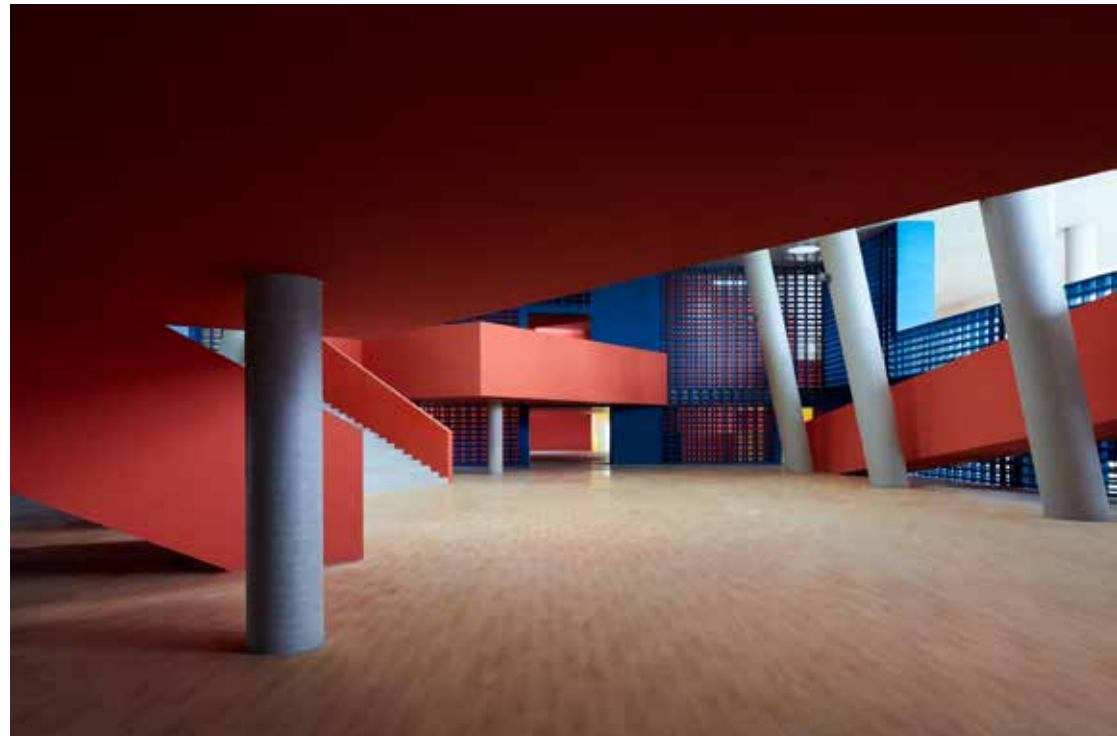


多功能活动厅  
Multi-purpose event hall

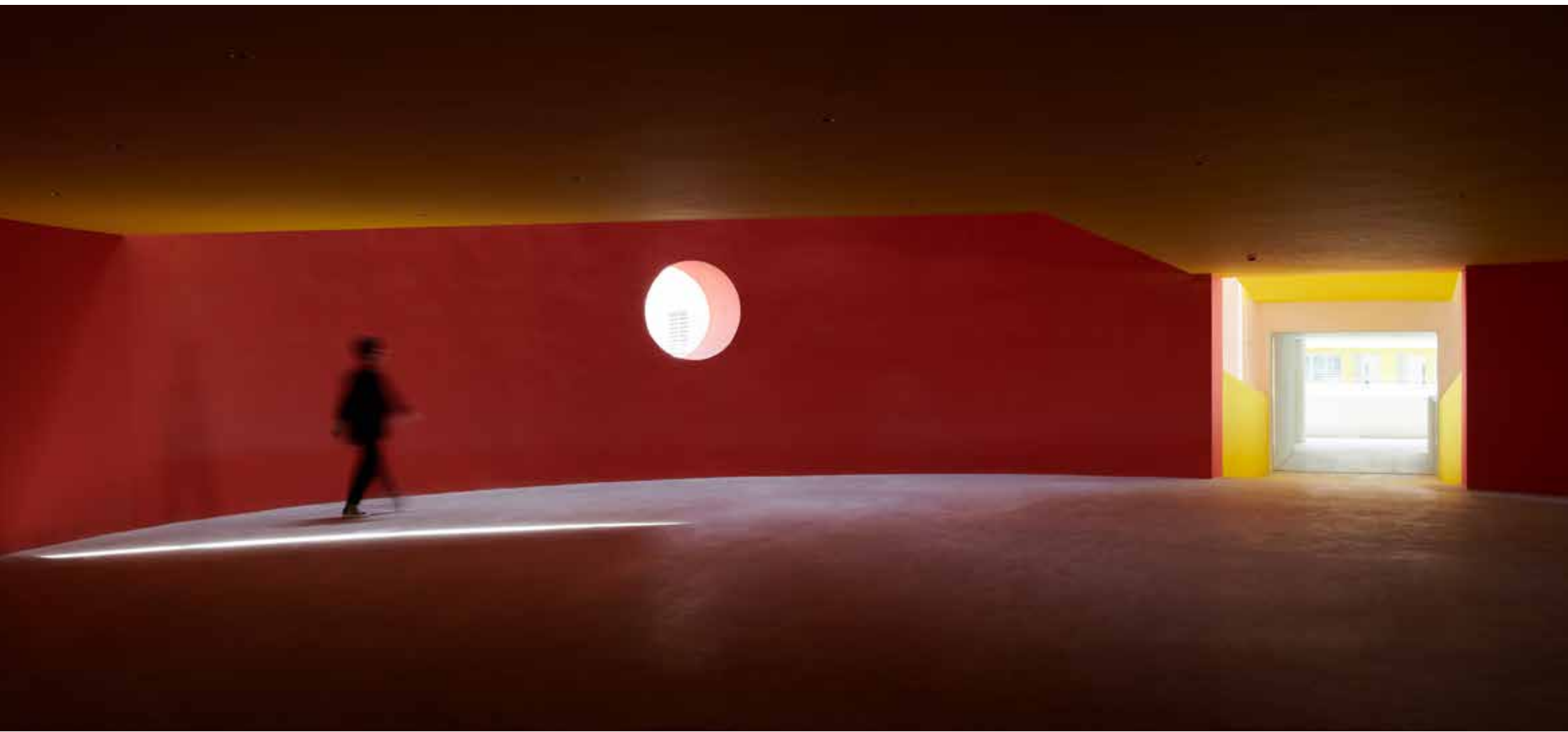




中心区轴测图  
Axonometric drawing



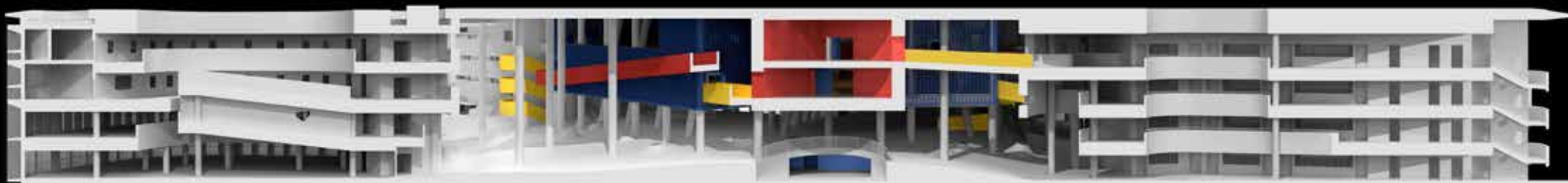




展厅空间  
Exhibition hall





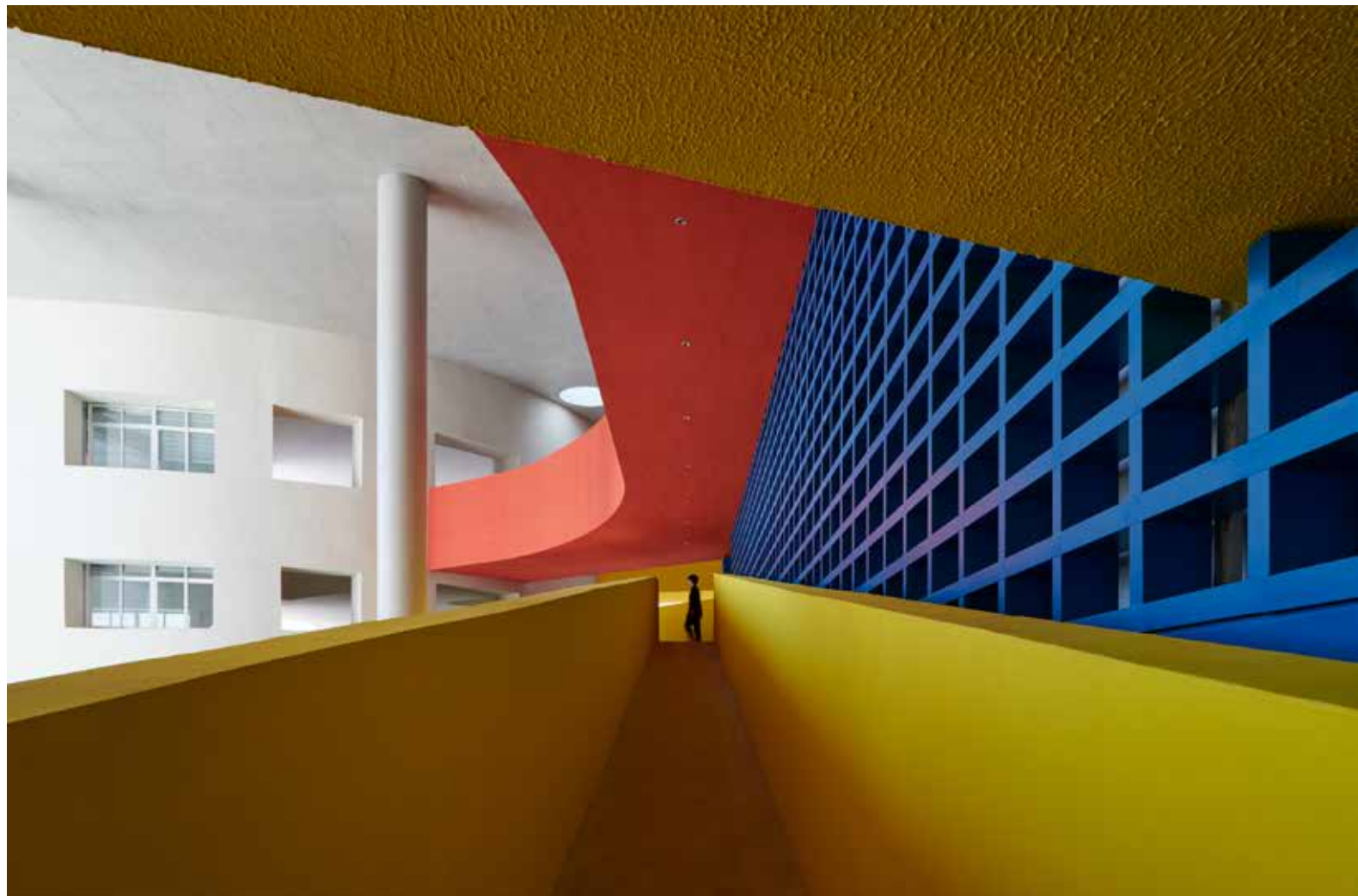


剖透视  
Perspective Section



形态有机的巨大屋顶犹如一片漂浮的云朵覆于几栋相对独立的功能组团之上，底层架空形成开阔连续的地面空间，以回应海口当地的热带季风气候，满足遮阳、通风与避雨需求的同时，在校园内提供了丰富的檐下活动空间。架空层结合微地形与高耸的柱林设计，不同实体体量悬浮其间，横向的连廊与坡道似摆脱了重力的束缚，自由地在不同高度穿梭，编织出一个立体的“小径分岔的花园”。

A large “floating” roof covers several independent teaching blocks, creating adequate shaded outdoor activity spaces for students. The building is elevated to open up the ground floor spaces, which allows visual and physical continuity. At the same time, it provides shading and protection against wind and rain and facilitates natural ventilation, which actively responds to the local tropical climate. The bridges and ramps at different heights, which seems break free from the shackles of gravity, interwoven through the suspended solid volumes and coloum forest, together with the micro-topography landscape, depicting a three-dimensional “the garden of forking paths”.





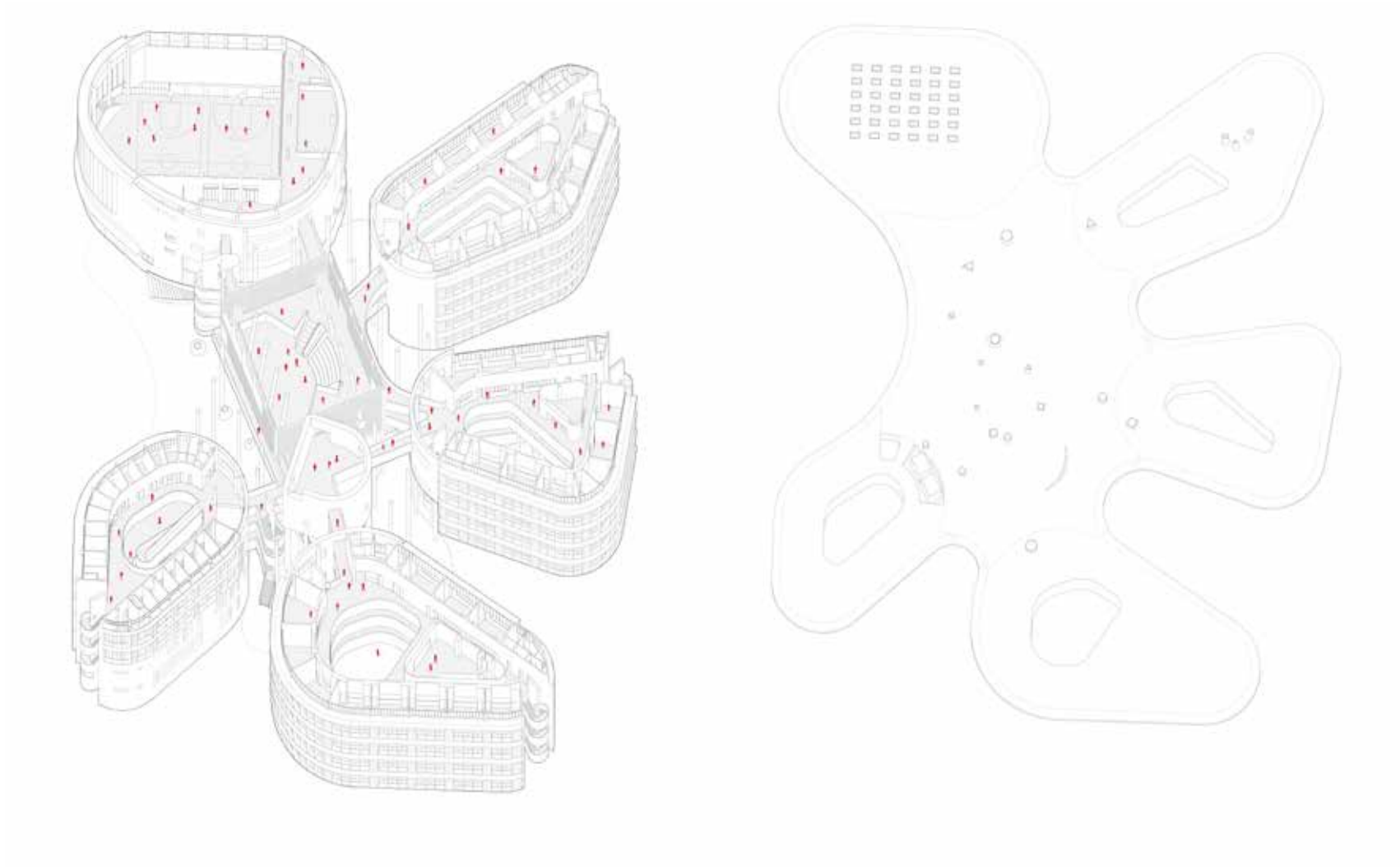






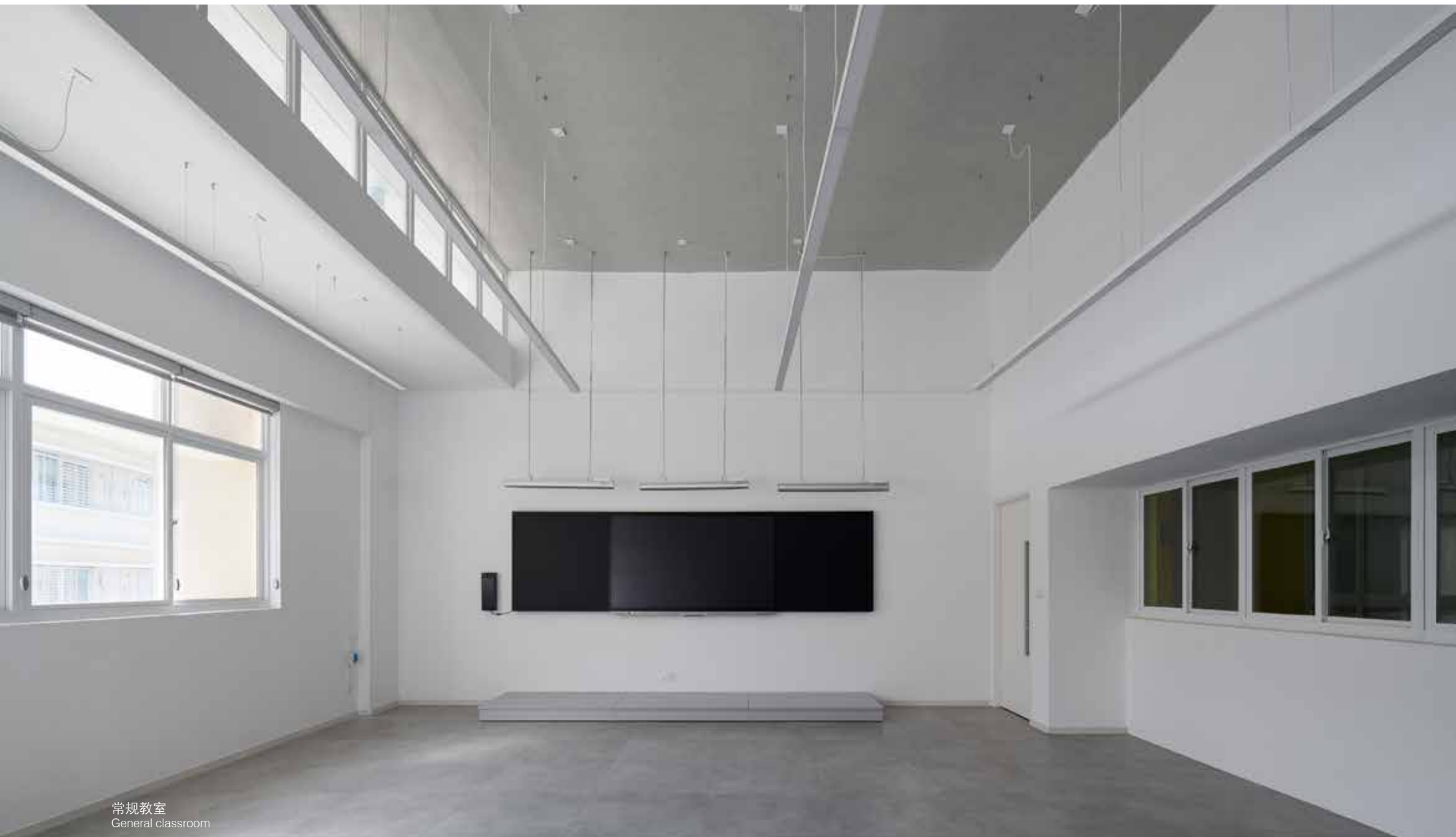






由中心区联系着高中的其他几个功能组团——三栋教学楼，一栋体育馆，一栋食堂与行政楼，所有的功能覆盖于一片大屋顶之下。各个楼栋相对独立，但露明的清水混凝土顶板成为了空间中延续的设计语言，暗示着大屋顶对于空间秩序的整体统治。

The core area connects several functional groups of the high school, including three academic buildings, a gymnasium, a cafeteria, and an administrative building. All such spaces are covered under a large roof. Each building is relatively independent, but the exposed fair-faced concrete roof slab has become a continuous design language in the space, implying the overall dominance of the large roof over the spatial order.



常规教室  
General classroom





篮球馆  
Basketball gymnasium



食堂  
Canteen

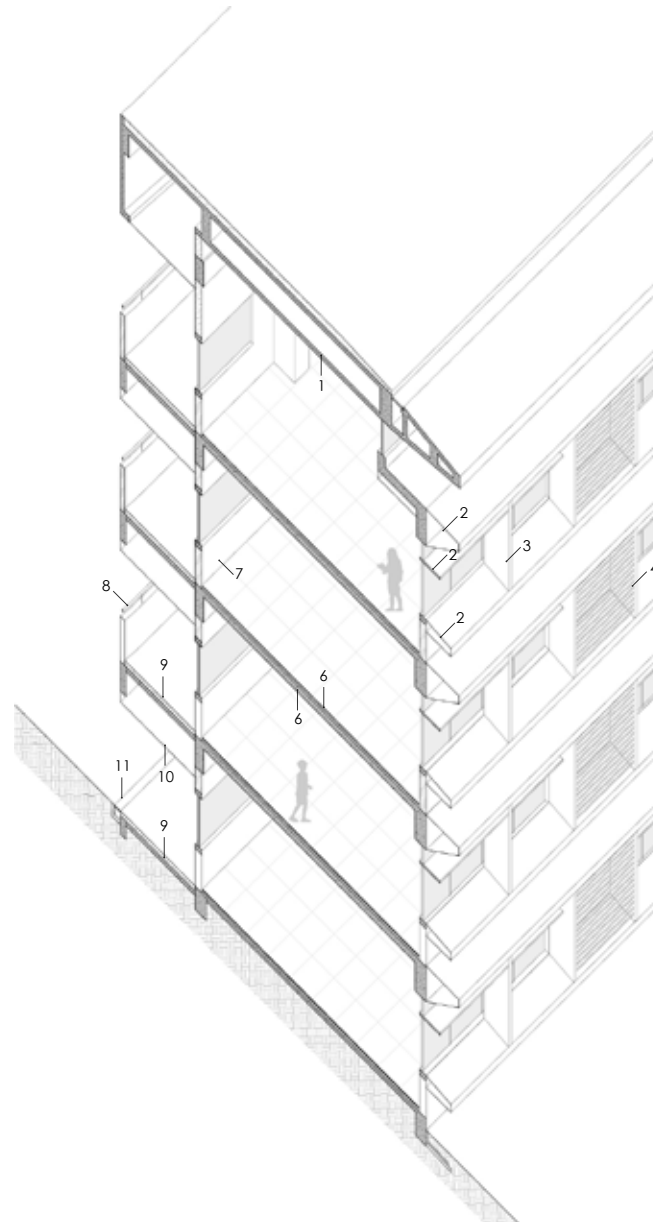


半地下空间  
Half-underground space



考虑到海口强烈的阳光照射，立面结合不同朝向考虑了不同方式的遮阳设计。教学楼南侧采用横向与竖向遮阳板结合的幕墙系统，横向使用白色铝板饰面，竖向使用木纹铝饰面，形成不同尺度层级。北侧以横向遮阳为主。食堂和体育馆朝西，布置以更密集的竖向遮阳板，并结合夏至日的太阳入射方向对遮阳板角度进行优化。

Different shading systems are adopted to each elevation according to different orientation of intense sunlight. White and wood grain aluminum sun-shade panels are applied both horizontally and vertically in the south façade of Teaching Block to enrich the façade as well as to weaken the volume visually, while the north side is dominated by horizontal sun shades. Canteen and the gymnasium are facing west, with denser vertical sunshades arranged, and the angle of the sunshades is optimized with consideration of the sun incidence direction on the summer solstice.



- |                |   |
|----------------|---|
| 1. 清水混凝土双层板    | Fair-faced Concrete Double Deck               |
| 2. 白色铝合金遮阳板    | White Aluminum Alloy Sunshade                 |
| 3. 木纹铝合金遮阳板    | Wood Grain Aluminum Alloy Sunshade            |
| 4. 白色铝合金百叶     | White Aluminum Alloy Shutter                  |
| 5. 清水色地砖楼面     | Fair-faced Tile Flooring                      |
| 6. 白色无机涂料顶棚    | White Inorganic Coating Ceiling               |
| 7. 白色无机涂料墙面    | White Inorganic Coating Wall                  |
| 8. 灰色铝合金方椭圆管扶手 | Gray Aluminum Alloy Square Oval Pipe Handrail |
| 9. 清水混凝土楼面     | Fair-faced Concrete Floor                     |
| 10. 埃特板吊顶      | Ette Plate Ceiling                            |
| 11. 混凝土沟盖板     | Concrete Trench Cover                         |

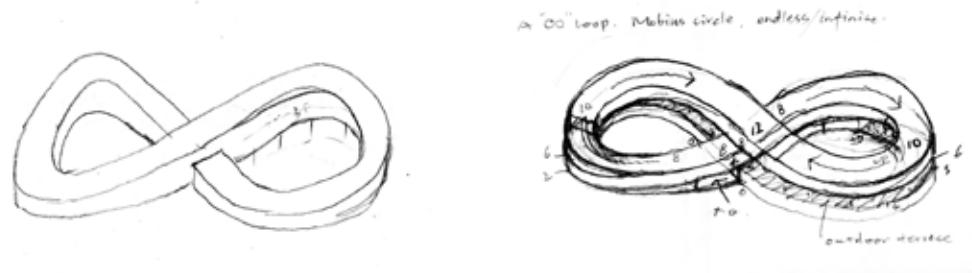






宿舍区的设计语言与教学楼保持一致，空间围绕庭院进行组织，让每间宿舍都享有充分的自然通风与光线，弧形的平面让公共空间流动起来，也随之产生几种不同的户型。

The architectural language of the dormitory building is consistent with that of the teaching blocks. The living spaces are organized around the courtyard, allowing each room to enjoy sufficient natural ventilation and light. The organic layout allows several different types of rooms to be proposed.

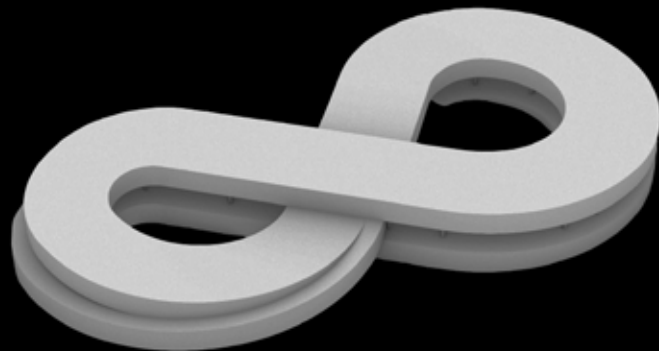
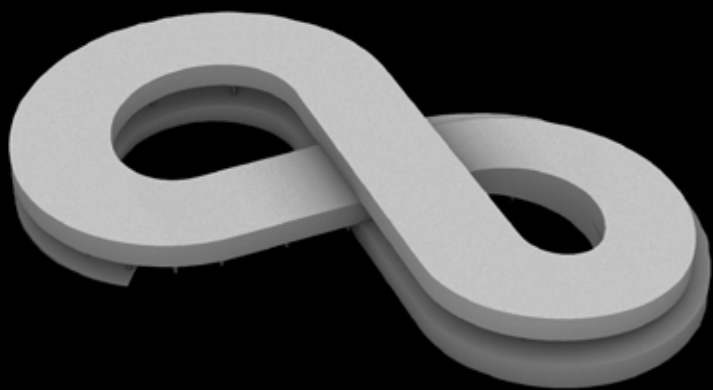


幼儿园的设计则创造了一个回环的流线, 提供孩子们一个可以尽情奔跑的平台。连续的坡道将不同的标高连接, 屋面成为地面的延伸。中间层架空以释放更多遮阳挡雨的半室外活动空间, 同时又是对海南热带气候的积极回应。孩子们从地面跑向天空, 从室内奔向室外, 在这里自由成长。

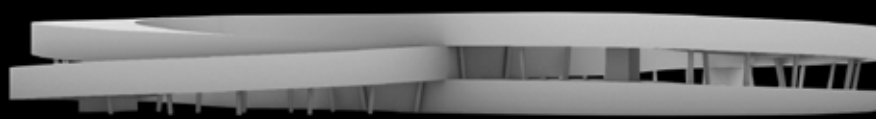
The design of the kindergarten creates a loop of circulation, providing a platform that allows continuous movement. Levels of different heights are connected by various ramps, where the roof becomes an extension of the ground. The middle layer is elevated to open up more shaded outdoor activity space, which actively responds to the tropical climate of Hainan. Children run from the ground to the sky, from indoors to outdoors, and grow up freely here.

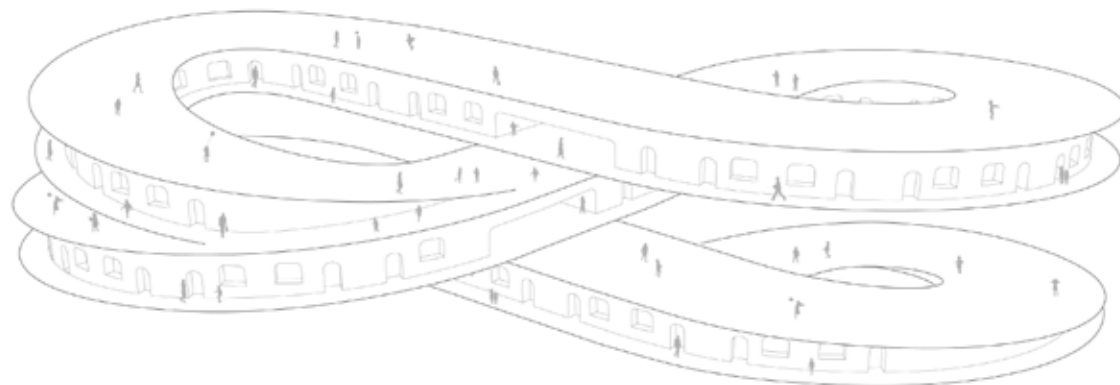
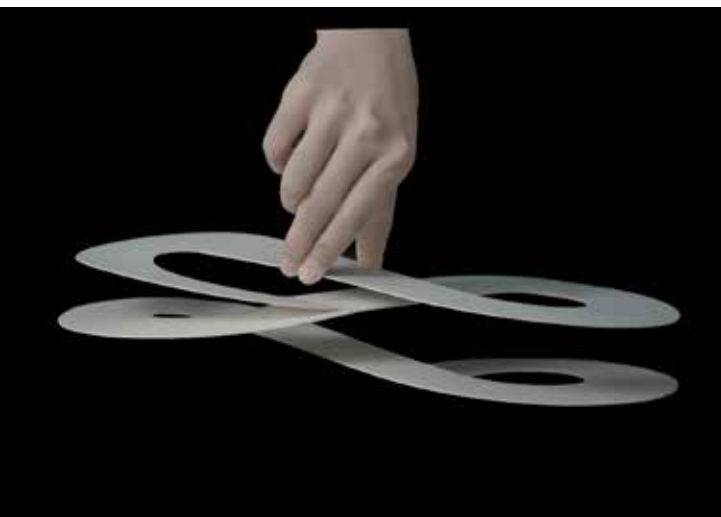


1: 500 手工模型  
1:500 Physical Model









幼儿园位于校园的西南侧，拥有独立的出入口。在有限的场地中，我们希望为孩子们创建一个可以尽情奔跑的场所。为此我们设计了一个连续的坡道，将地面，一层，二层和屋面全部连接起来，各类教室及活动空间随着坡道布置在不同的标高，楼层的分界变得模糊。流线组织为立体的回环，从不同的方向行进可以到达不同的标高，但最终总会回到建筑的中心，即8字形交错的位置，这里既是空间的终点，也是起点。

The kindergarten is located on the southwest side of the campus with an independent entrance. With the limited space, we hope to create a place for children to run freely. Therefore, the design creates a loop of circulation, where levels of different heights are connected by various ramps, providing a homogeneous and continuous movement amid different levels of the building. The roof becomes an extension of the ground, while the center of the building—the staggered position of figure-eight—becomes both the endpoint and starting point of the journey.











屋顶坡道  
Rooftop ramp







剖透视  
Perspective Section













各类教室均为双外廊设计，外圈挑廊均为坡道，是主要的交通空间，内圈挑廊采用平段和台阶结合，面向内庭院，成为可停留的活动阳台，出挑的楼板也为功能房间提供有效的遮阳。在架空区域，内廊与外廊汇聚，释放更多遮阳挡雨的半室外活动空间；同时，倾斜的顶板和地面也在此交汇，创造出一个高度逐渐压低的夹角空间，这里更适于儿童的身体尺度，成为了小朋友可以与之充分互动的独有领地。

The classrooms are designed with double-sided semi-open corridors. The outer one serves as the main circulation space; while the inner corridor is a combination of flat floor and steps and faces the inner courtyard, forming a covered balcony for relaxation and communication. The middle layer of the building is elevated to open up more shaded outdoor activity space, which actively responds to the tropical climate of Hainan. Meanwhile, it also creates an angled intersection space that fits children's body scale, which becomes a unique and exciting hotspot of fun and social interaction.



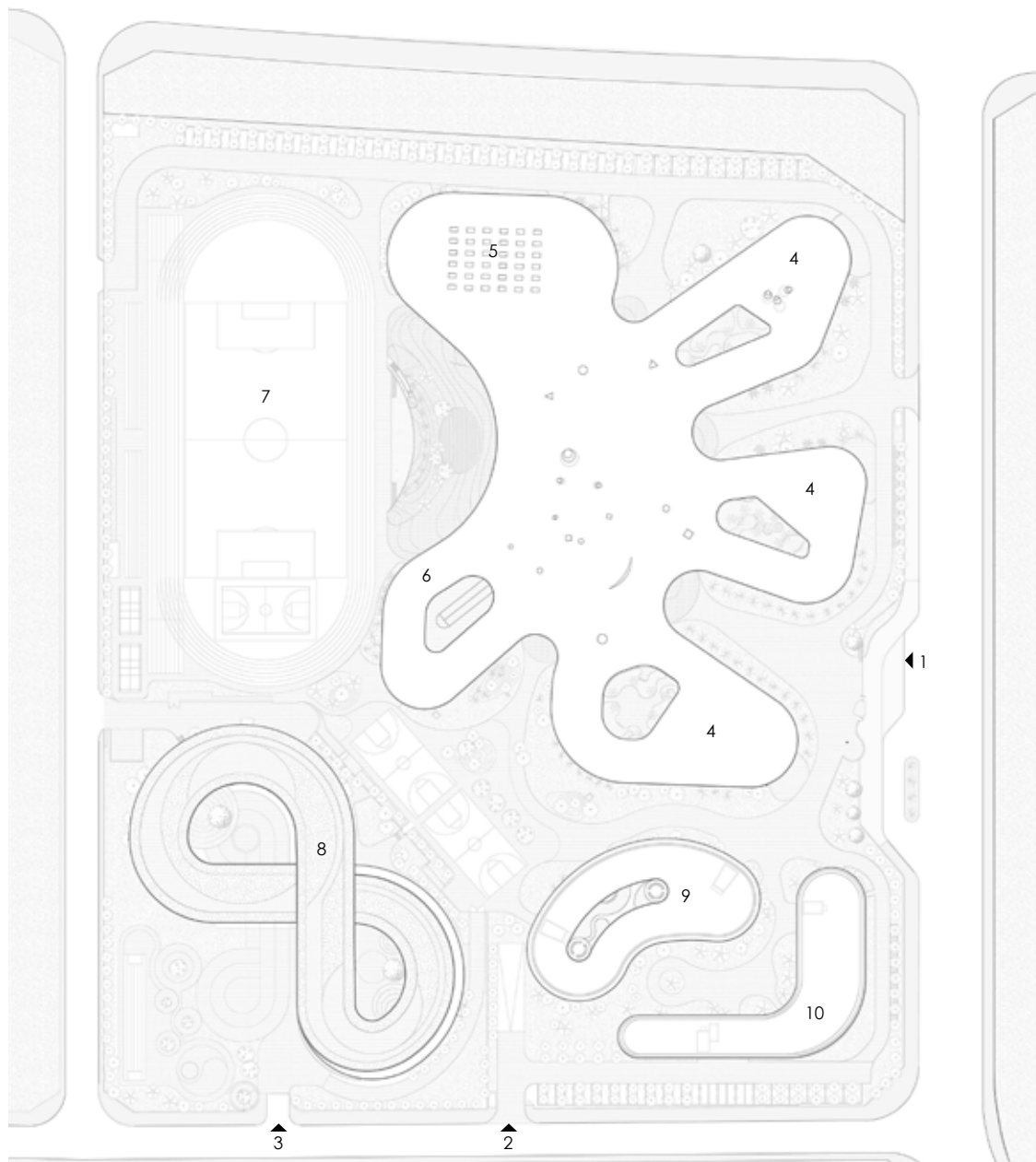




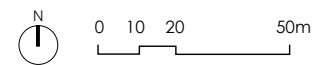




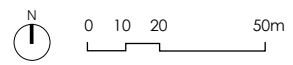
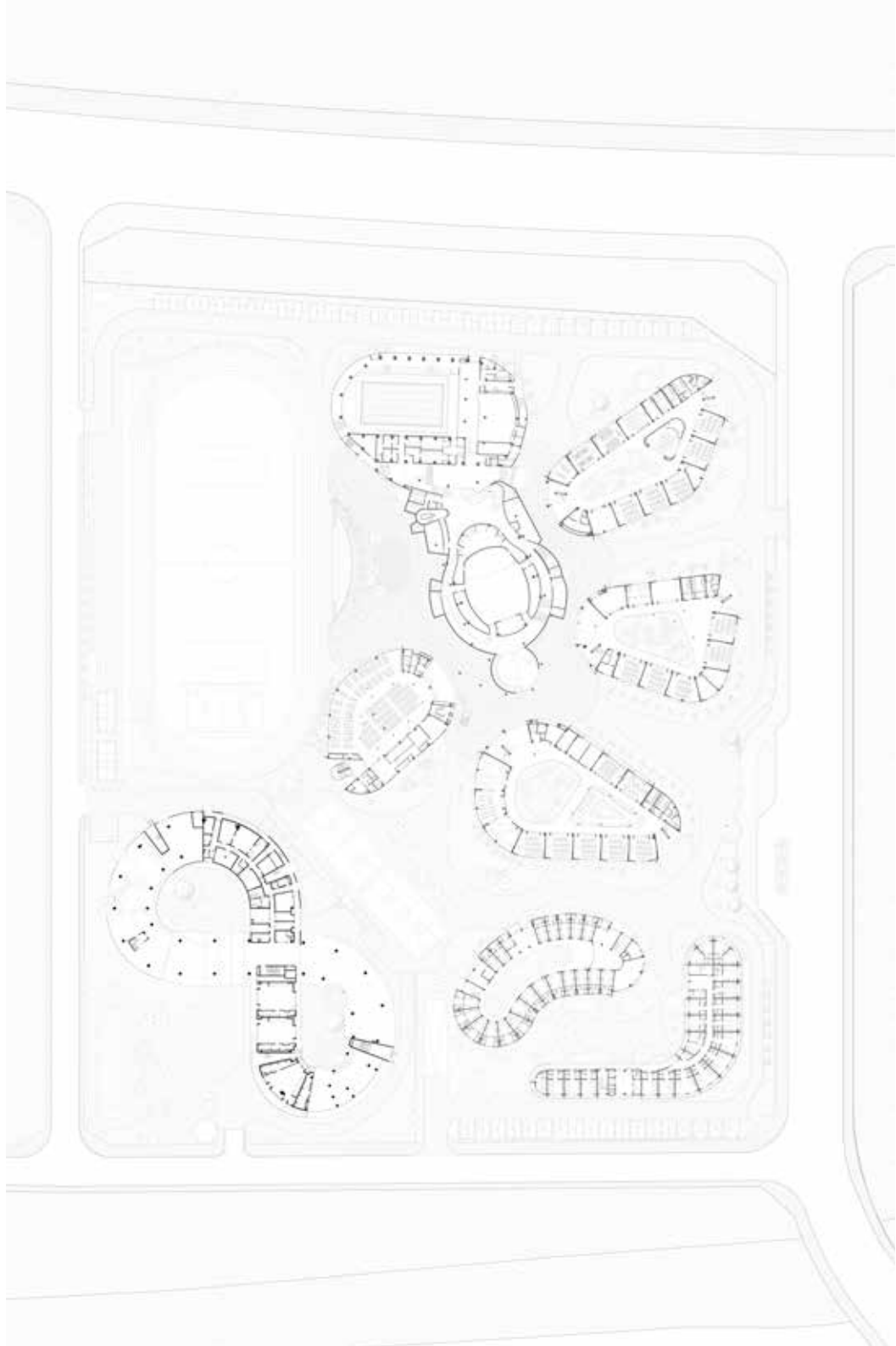




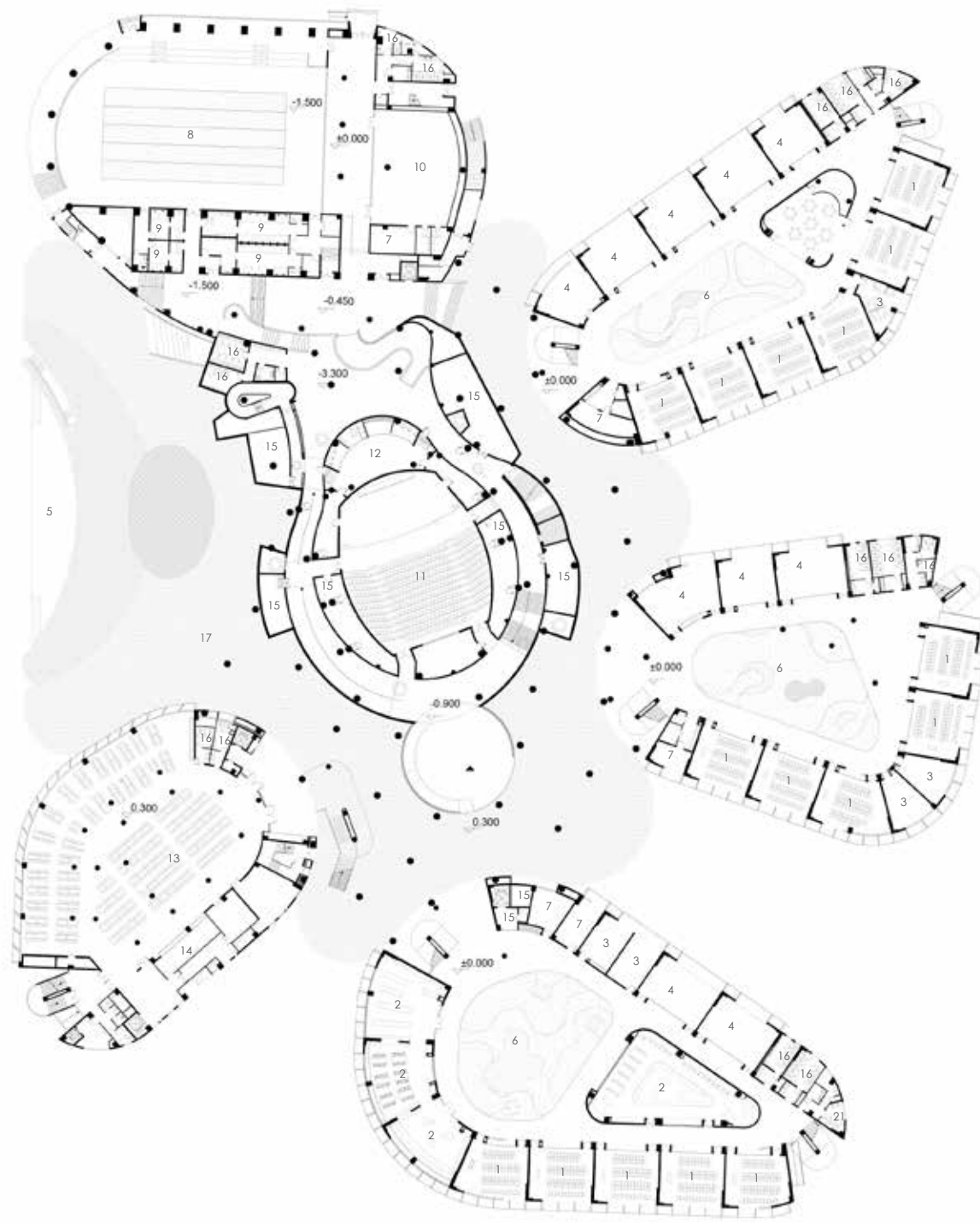
- |            |                             |
|------------|-----------------------------|
| 1. 高中主出入口  | Senior School Main Entrance |
| 2. 地库出入口   | Basement Entrance           |
| 3. 幼儿园主出入口 | Kindergarten Main Entrance  |
| 4. 教学楼     | Teaching Block              |
| 5. 体育馆     | Gym                         |
| 6. 食堂      | Canteen                     |
| 7. 操场      | Playground                  |
| 8. 幼儿园     | Kindergarten                |
| 9. 学生宿舍    | Students' Dormitory         |
| 10. 教师宿舍   | Teachers' Dormitory         |



总平面图      MASTERPLAN



总平面图 MASTER PLAN

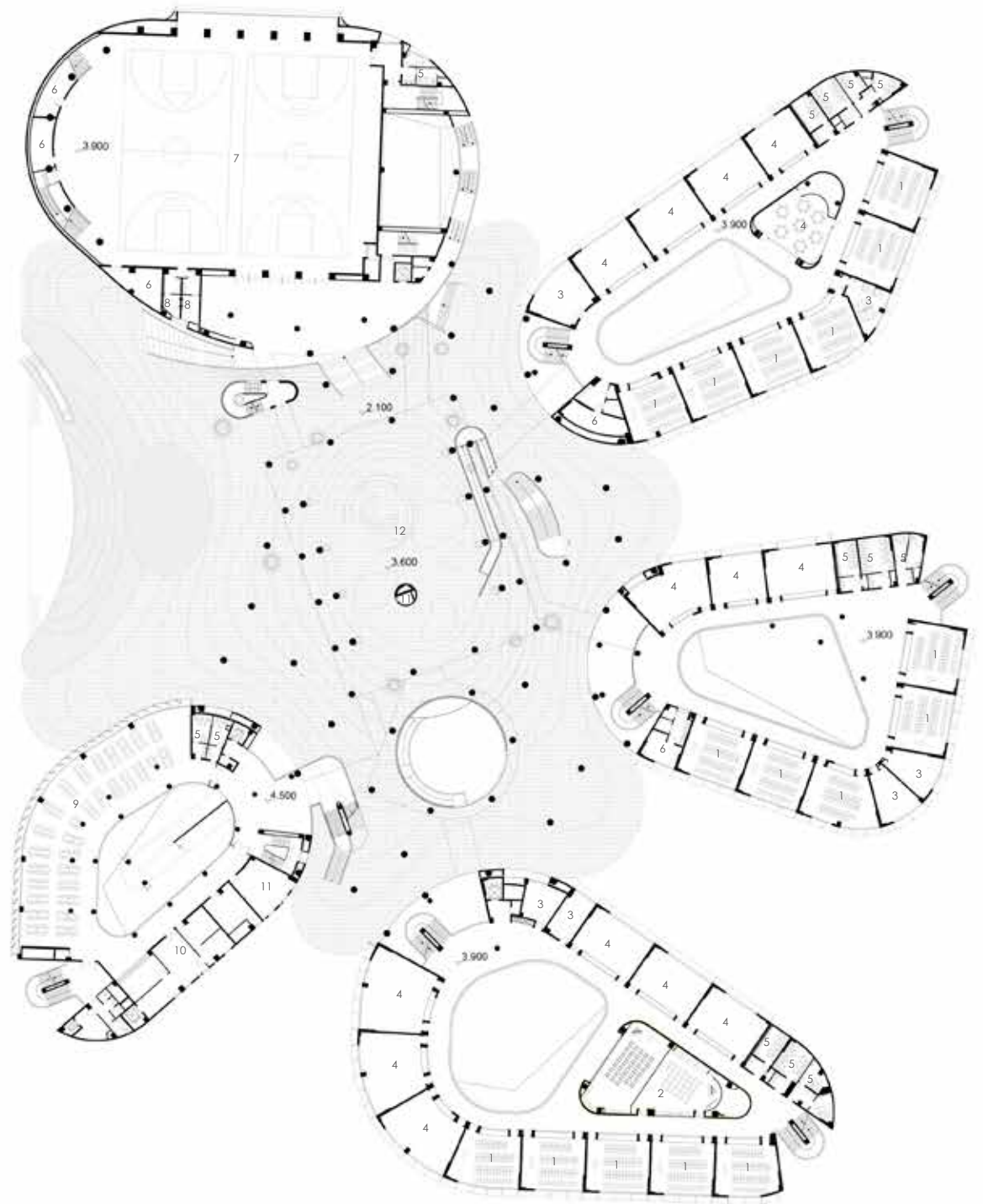


- |            |                        |
|------------|------------------------|
| 1. 普通教室    | General Classroom      |
| 2. 图书阅览室   | Book Reading Room      |
| 3. 教师办公室   | Office                 |
| 4. 专业教室    | Professional Classroom |
| 5. 主席台     | Platform               |
| 6. 景观庭院    | Landscape Courtyard    |
| 7. 储藏室     | Storage                |
| 8. 游泳馆     | Swimming Hall          |
| 9. 淋浴      | Shower Room            |
| 10. 拳道室    | Taekwondo Hall         |
| 11. 报告厅    | Lecture Hall           |
| 12. 后台     | Backstage              |
| 13. 食堂     | Dining Hall            |
| 14. 后厨     | Kitchen                |
| 15. 设备用房   | Mechanical Room        |
| 16. 卫生间    | Restroom               |
| 17. 塑胶活动场地 | Playground             |

01 5 10m



一层平面图 FIRST FLOOR PLAN



- 1. 普通教室
- 2. 音乐教室
- 3. 教师办公室
- 4. 专业教室
- 5. 卫生间
- 6. 储藏室
- 7. 篮球馆
- 8. 淋浴
- 9. 食堂
- 10. 后厨
- 11. 设备用房
- 12. 塑胶活动场地

- General Classroom
- Music Hall
- Office
- Multi-purpose Classroom
- Restroom
- Storage
- Basketball Hall
- Shower Room
- Dining Hall
- Kitchen
- Mechanical Room
- Playground

01 5 10m



二层平面图 SECOND FLOOR PLAN

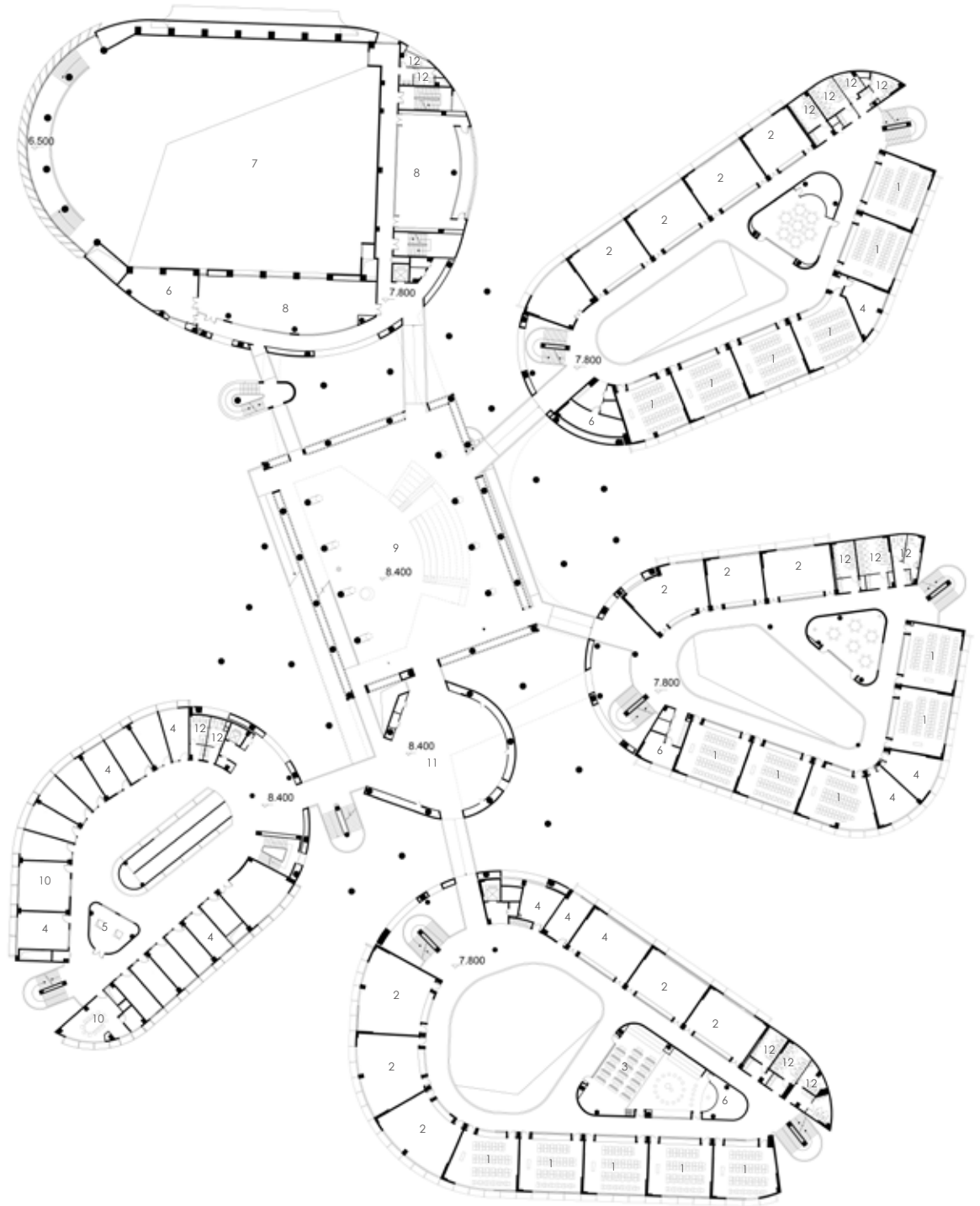
- 1. 普通教室
- 2. 专业教室
- 3. 乐器教室
- 4. 教师办公室
- 5. 设备用房
- 6. 储藏室
- 7. 篮球馆上空
- 8. 体能训练室
- 9. 多功能活动厅
- 10. 会议室
- 11. 展厅
- 12. 卫生间

- General Classroom
- Multi-purpose Classroom
- Music Instrument Classroom
- Office
- Mechanical Room
- Storage
- Basketball Hall
- Physical Training Room
- Multi-Purpose Hall
- Meeting Room
- Exhibition Hall
- Restroom

01 5 10m



三层平面图 THIRD FLOOR PLAN



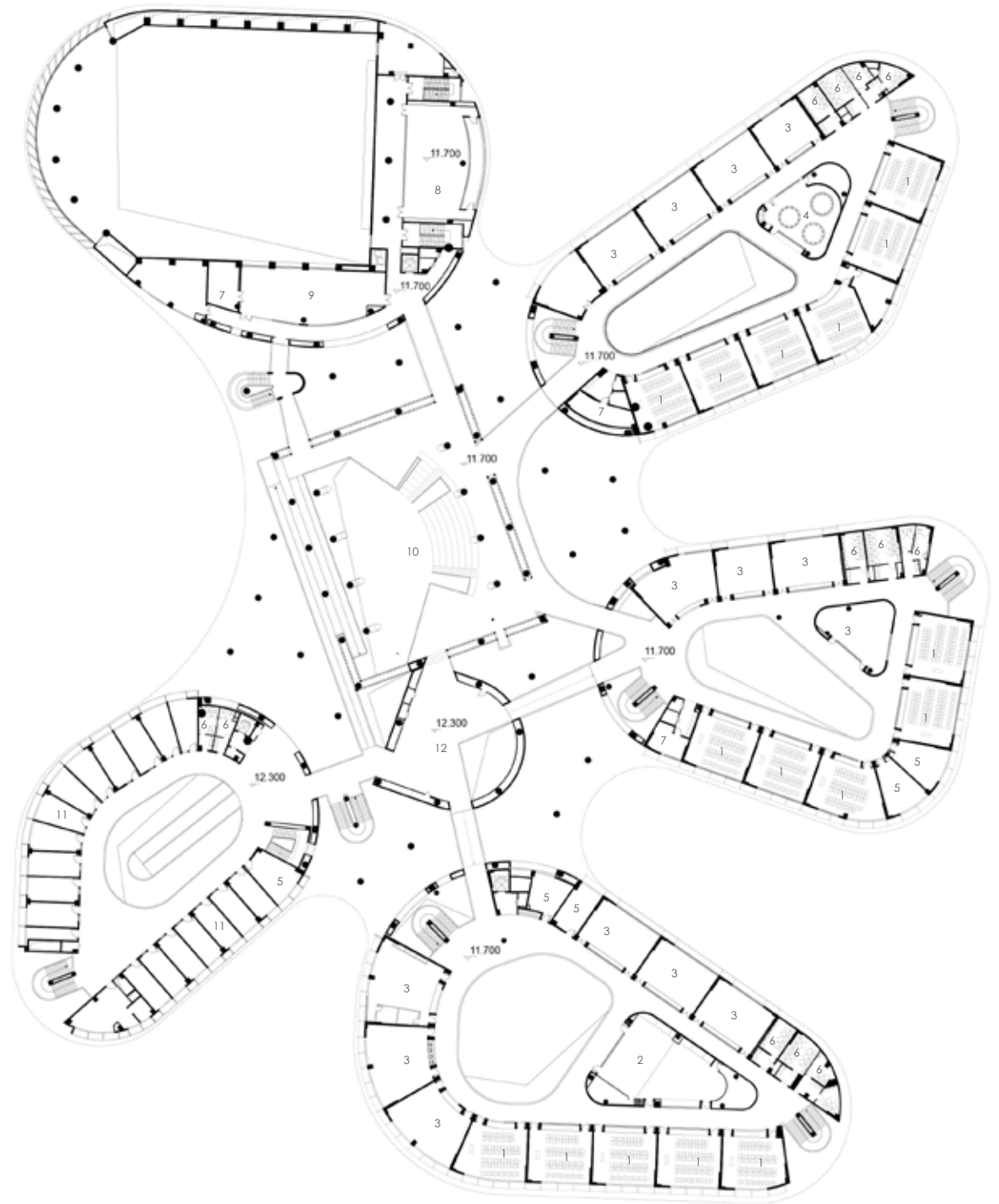


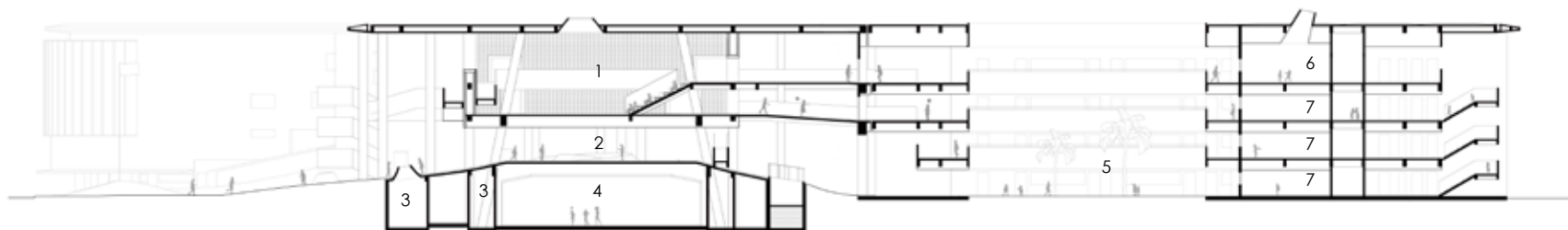
- |            |                         |
|------------|-------------------------|
| 1. 普通教室    | General Classroom       |
| 2. 舞蹈教室    | Dance Classroom         |
| 3. 专业教室    | Multi-purpose Classroom |
| 4. 美术教室    | Art Classroom           |
| 5. 办公室     | Office                  |
| 6. 卫生间     | Restroom                |
| 7. 储藏室     | Storage                 |
| 8. 体操训练室   | Basketball Hall         |
| 9. 乒乓球室    | Ping-pong Room          |
| 10. 多功能活动厅 | Multi-purpose Hall      |
| 11. 教师午休室  | Lounge                  |
| 12. 展厅     | Exhibition Hall         |

01 5 10m



四层平面图 FOURTH FLOOR PLAN



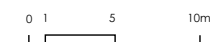


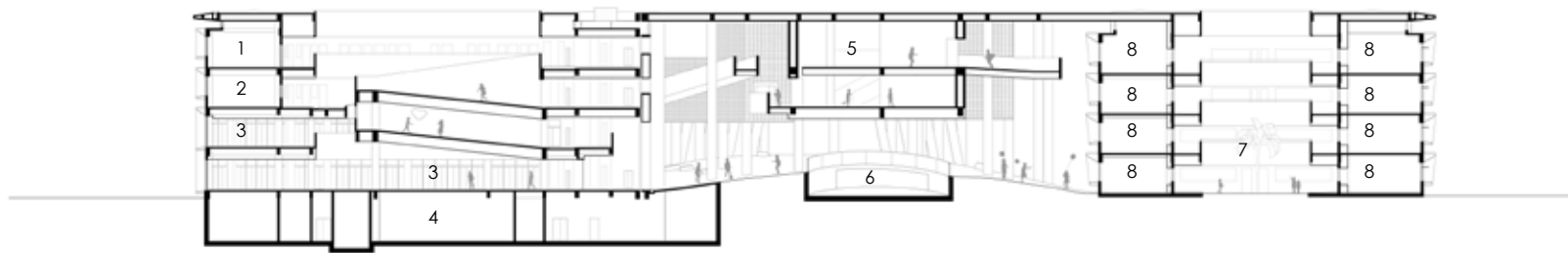
- 1. 多功能活动厅    Multi-purpose Hall
- 2. 半室外活动区    Semi-outdoor Play Zone
- 3. 设备用房        Mechanical Room
- 4. 报告厅          Lecture Hall

- 5. 景观庭院        Landscape Courtyard
- 6. 美术教室        Art Classroom
- 7. 专业教室        Multi-purpose Classroom



剖面图 SECTION A-A



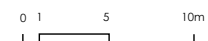


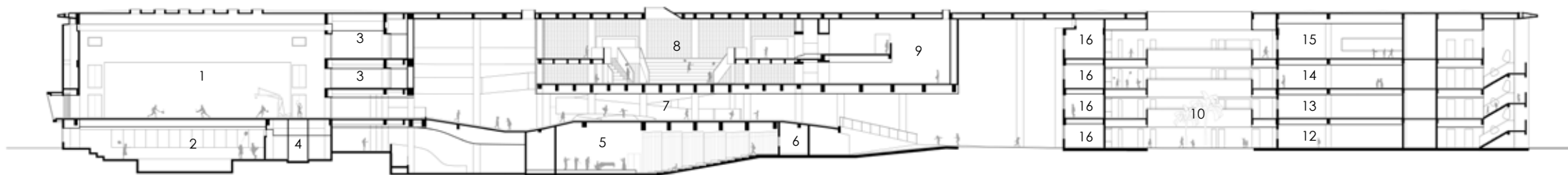
- 1. 教师午休室      Lounge
- 2. 办公室            Office
- 3. 食堂                Dining Hall
- 4. 地下车库          Underground garage

- 5. 展厅                Exhibition Hall
- 6. 报告厅入口      Lecture Hall Entrance
- 7. 景观庭院        Landscape Courtyard
- 8. 普通教室         General Classroom



剖面图 SECTION B-B





- 1. 篮球馆
- 2. 游泳馆
- 3. 体能训练室
- 4. 淋浴间
- 5. 报告厅

- Basketball Hall
- Swimming Hall
- Physical Training Room
- Shower Room
- Lecture Hall

- 6. 控制室
- 7. 活动区
- 8. 多功能活动厅
- 9. 展厅
- 10. 景观庭院

- Control Room
- Play Zone
- Multi-purpose Hall
- Exhibition Hall
- Landscape Courtyard

- 11. 普通教室
- 12. 图书阅览室
- 13. 音乐教室
- 14. 乐器教室
- 15. 舞蹈教室

- General Classroom
- Book Reading Room
- Music Hall
- Music Instrument Classroom
- Dance classroom

- 16. 办公室

- Office



剖面图 SECTION C-C



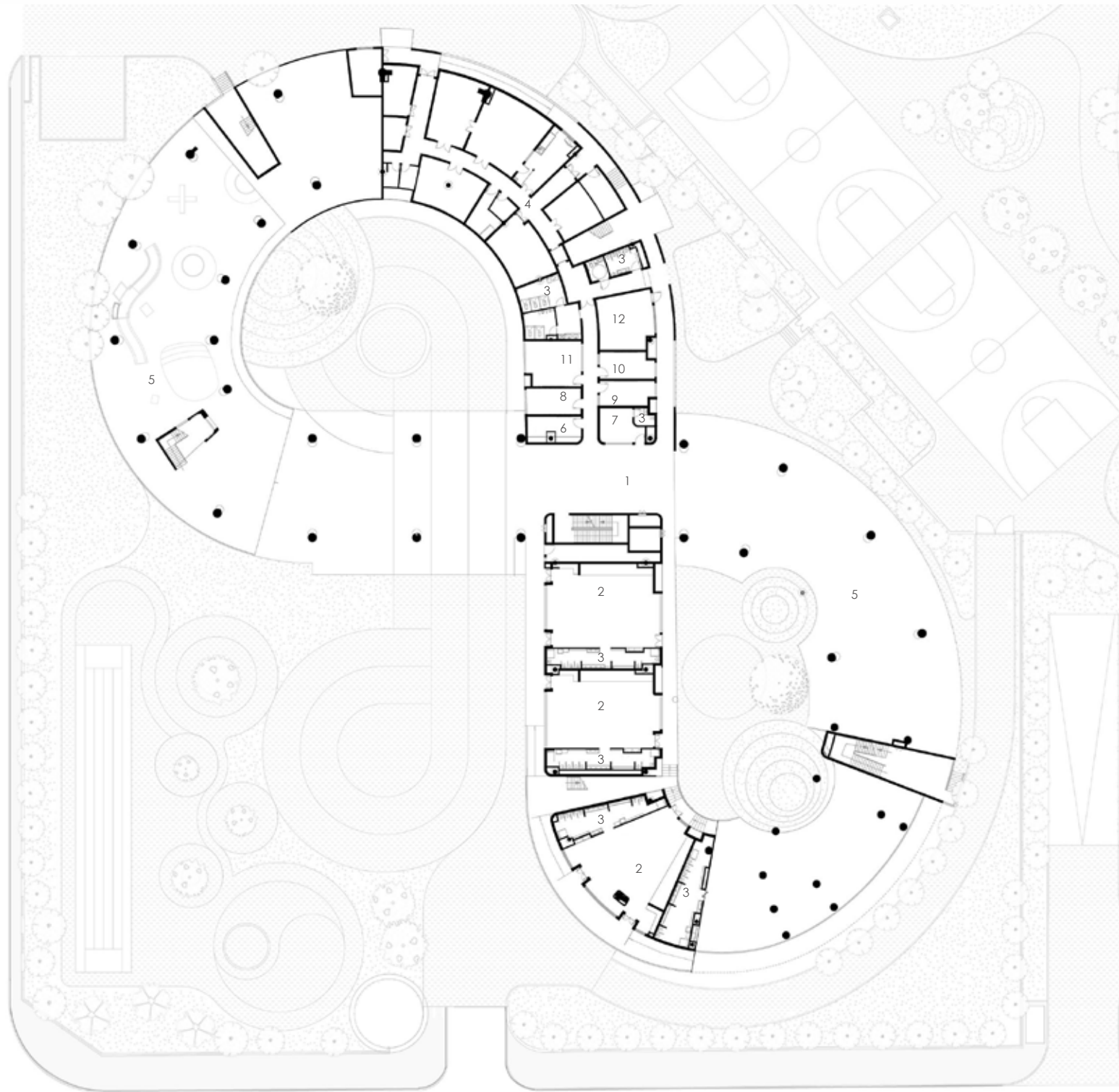


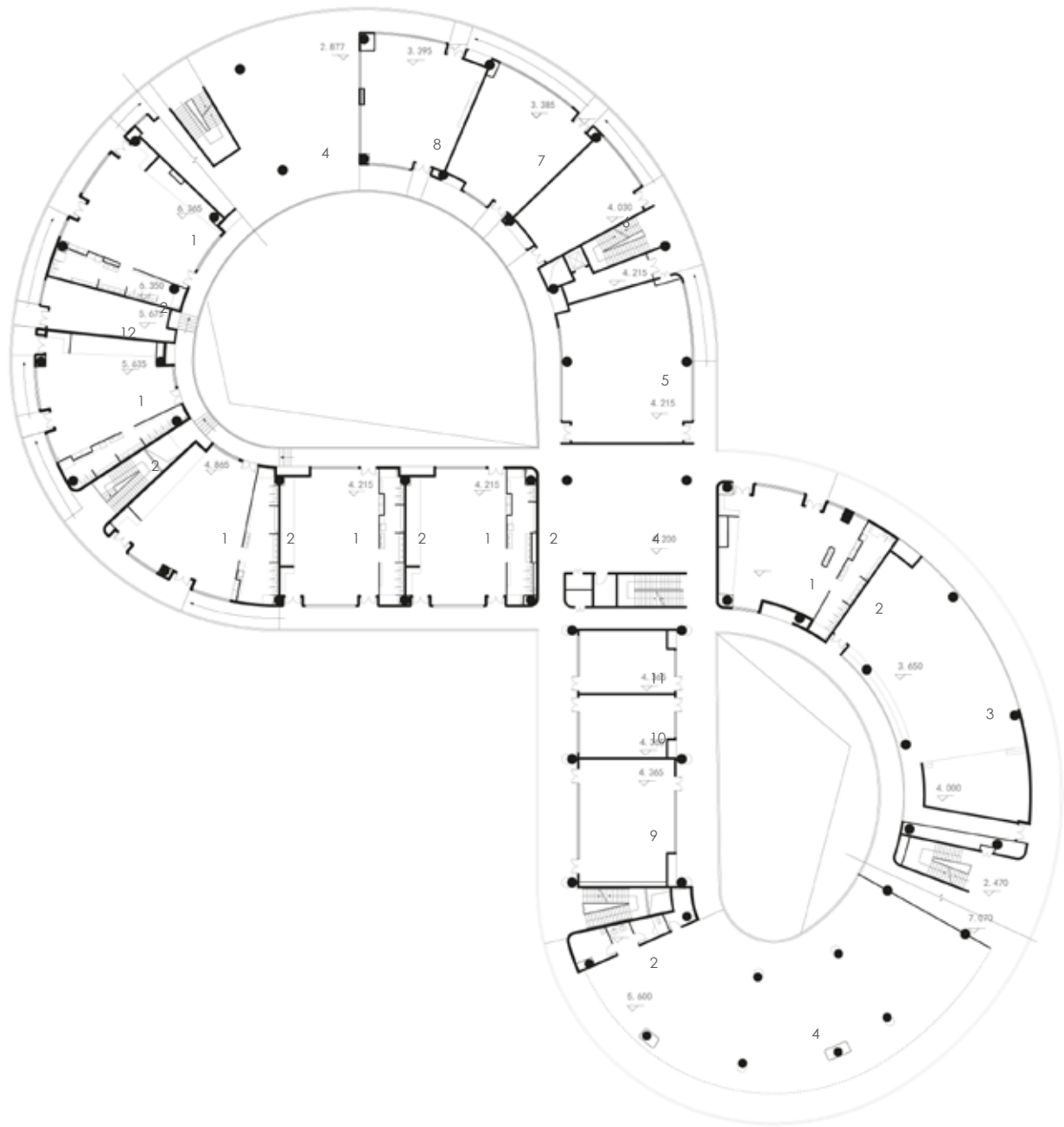
- |           |                        |
|-----------|------------------------|
| 1. 门厅     | Lobby                  |
| 2. 班级活动单元 | General Classroom      |
| 3. 盥洗室    | Bathroom               |
| 4. 后厨     | Kitchen                |
| 5. 架空活动区  | Overhead Play Zone     |
| 6. 值班室    | Duty Room              |
| 7. 保健室    | Healthcare Room        |
| 8. 资料室    | Resource Center        |
| 9. 财务室    | Financial Office       |
| 10. 总务室   | General Affairs Office |
| 11. 园长室   | Principal's Office     |
| 12. 消防控制室 | Fire Protection Office |

0 1 5 10m



一层平面图 FIRST FLOOR PLAN





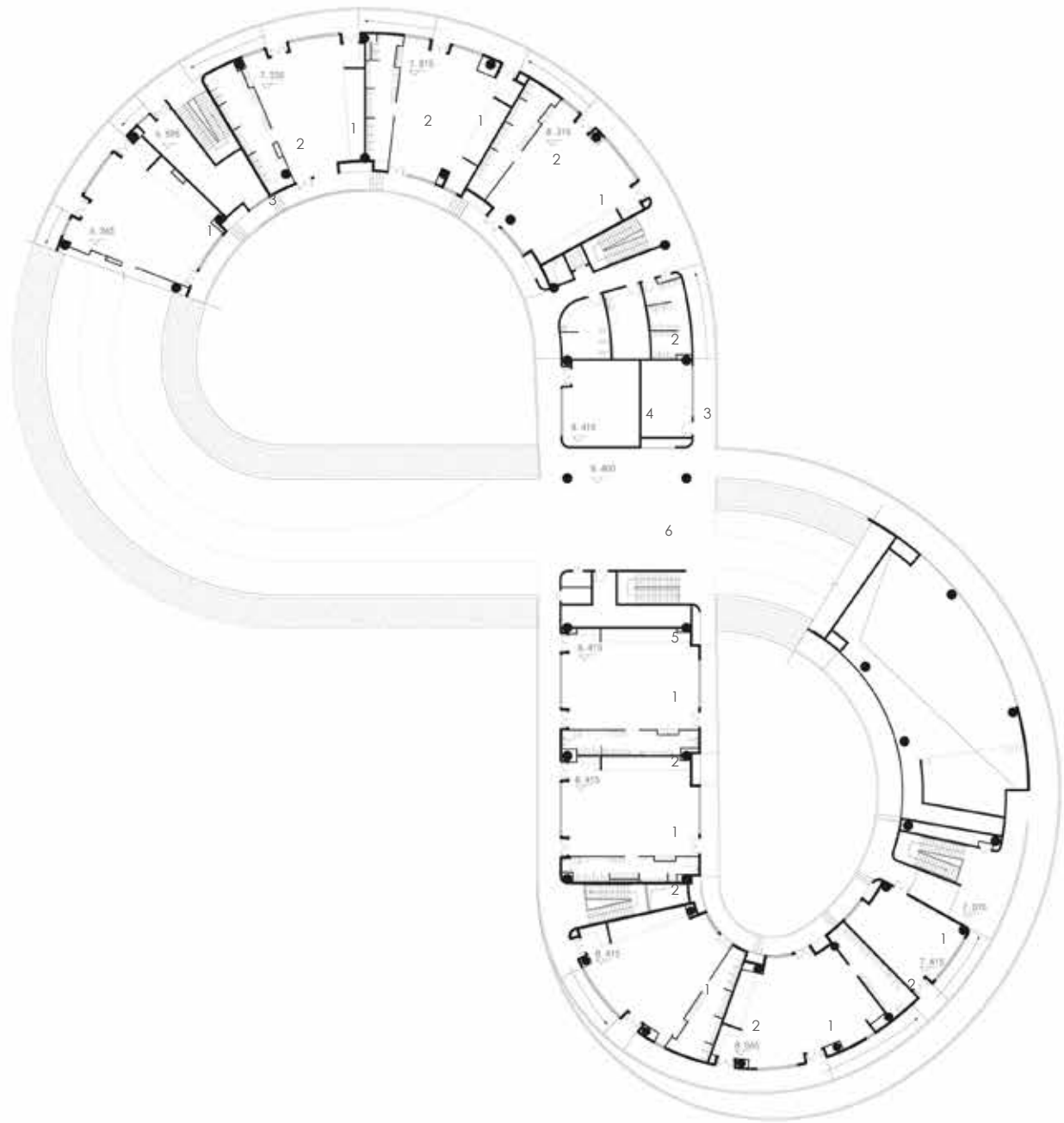
- 1. 班级活动单元
- 2. 盥洗室
- 3. 多功能活动室
- 4. 架空活动区
- 5. 形体室
- 6. 计算机室
- 7. 绘本室
- 8. 手工坊
- 9. 儿童科学馆
- 10. 接待室
- 11. 家长共育室
- 12. 办公室

- General Classroom
- Bathroom
- Multi-purpose Room
- Overhead Play Zone
- Physique Classroom
- Computer Classroom
- Art Classroom
- Handcraft Classroom
- Science Gallery
- Reception Room
- Family Classroom
- Office

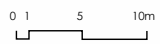
0 1 5 10m



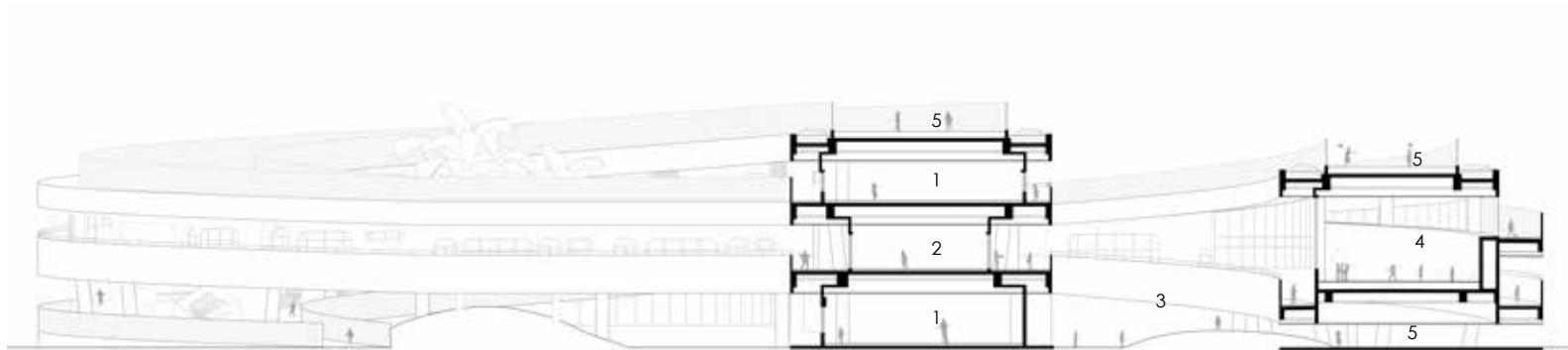
二层平面图 SECOND FLOOR PLAN



- |           |                   |
|-----------|-------------------|
| 1. 班级活动单元 | General Classroom |
| 2. 盥洗室    | Bathroom          |
| 3. 办公室    | Office            |
| 4. 会议室    | Meeting Room      |
| 5. 储藏室    | Storage           |
| 6. 活动区    | Play Zone         |



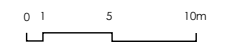
三层平面图 THIRD FLOOR PLAN



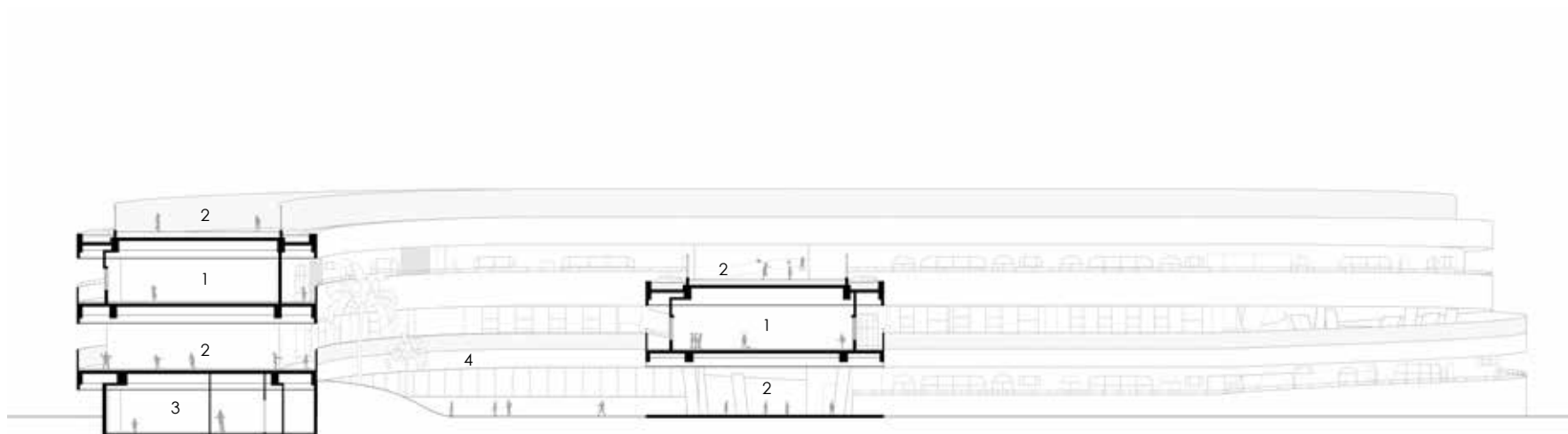
- |           |                        |
|-----------|------------------------|
| 1. 班级活动单元 | General Classroom      |
| 2. 专业教室   | Professional Classroom |
| 3. 景观庭院   | Landscape Courtyard    |
| 4. 多功能活动室 | Multi-purpose Room     |
| 5. 活动区    | Play Zone              |



剖面图 SECTION D-D





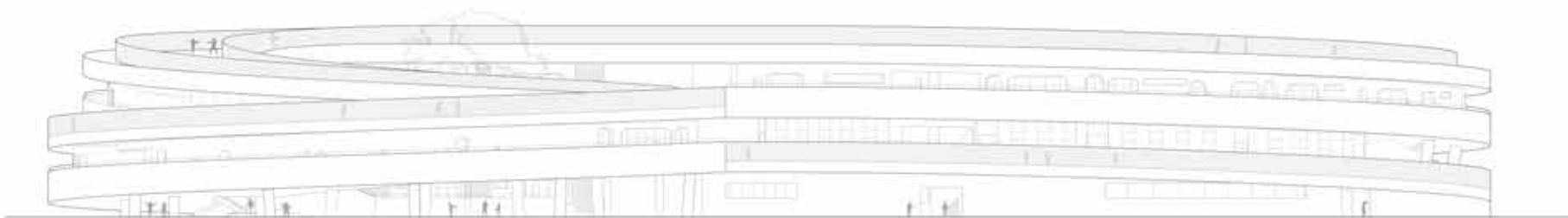


- |           |                     |
|-----------|---------------------|
| 1. 班级活动单元 | General Classroom   |
| 2. 活动区    | Play Zone           |
| 3. 厨房     | Kitchen             |
| 4. 景观庭院   | Landscape Courtyard |



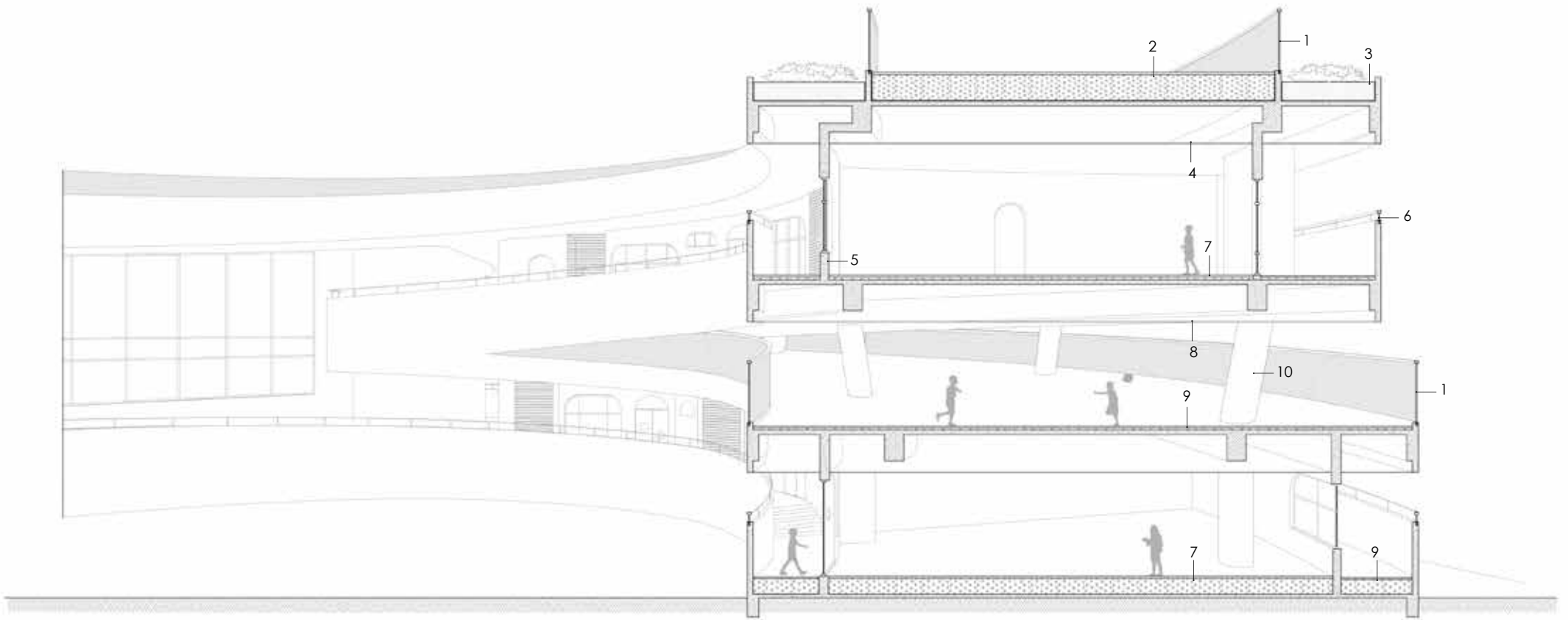
剖面图 SECTION E-E

0 1 5 10m



立面图 ELEVATION

0 1 5 10m



- 1. 白色金属网状栏杆 White Metal Mesh Railing
- 2. 塑胶屋面 Plastic Roof
- 3. 种植屋面 Planted Roof
- 4. 吸潮纸面石膏板吊顶 Damp-absorbing Gypsum Plasterboard Ceiling
- 5. 白色涂料墙面 White Paint Wall
- 6. 白色铝合金圆管扶手 White Aluminum Alloy Round Pipe Handrail

- 7. PVC 楼面 PVC Floor
- 8. 埃特板吊顶 Ette Plate Ceiling
- 9. 塑胶楼地面 Plastic Floor
- 10. 清水混凝土柱 Fair-faced Concrete Column



剖面大样图  
SECTION DETAIL

#### 项目基本信息

项目名称: 海口江东寰岛实验学校

业主: 海南寰岛实业发展有限公司

项目地点: 海口市自由贸易实验区江东新区

项目功能: 高中, 幼儿园, 宿舍

设计单位: 迹·建筑事务所 (TAO)

主持建筑师: 华黎

设计团队: 华黎、刘羽, 王亚坤, 冷雪霜, 李文杰, 汪浪欢, 许挺, 高恺, 栗若昕, 李梓源, 陈婉瑜, 龚慧青, 刘英俐

代建单位: 中国建筑技术集团有限公司

施工图设计: 中元国际 (海南) 工程设计研究院有限公司

二次机电设计: 吕建军及 kcalin 卡林机电设计

照明顾问: 北京远瞻照明设计有限公司 (Zdp)

景观顾问: 兰德斯设计事务所 (深圳) 有限公司海南分公司

施工单位: 湖南省第六工程有限公司

建筑面积: 64,700 平方米

结构体系: 框架剪力墙结构, 框架结构, 型钢混凝土框架结构

设计时间: 2019.11-2020.10

施工时间: 2020.12-2022.07

摄影: 陈颢

#### Credits

Project title: Haikou Jiangdong Huandao Experimental School

Client: Hainan Huandao Industrial Development Co. Ltd.

Location: Haikou, Hainan, China

Program: Senior high school, kindergarten, dormitory, etc.

Architect: HUA Li / TAO (Trace Architecture Office)

Design team: HUA Li, LIU Yu, WANG Yakun, LENG Xueshuang, LI Wenjie, WANG Langhuan, XU

Ting, GAO Kai, LI Ruoxin, LI Ziyuan, CHEN Wanyu, GONG Huiqing, LIU Yingli

Construction agency: China Building Technique Group Co., Ltd.

Construction drawing: IPPR(Hainan) Engineering Design & Research Institute Co., Ltd.

Secondary MEP design: LV Jianjun and Kcalin design group

Lighting consultant: z design and planning

Landscape consultant: LD-S Design

Construction team: Hunan No.6 Engineering Co., Ltd.

Floor area: 64,700 sq. m.

Structural system: Frame-shear wall structure, frame structure, steel reinforced concrete structure

Design: 2019.11-2020.10

Construction: 2020.12-2022.7

Photograph: CHEN Hao





“建筑是一个不断对抗和寻找的过程，这有如爬山，只有当你用身体丈量了每寸山路后，你才真正理解了山，这过程并无捷径。”

—— 华黎

华黎，迹·建筑事务所（TAO）创始人及主持建筑师，英国皇家特许注册建筑师，1972年出生，毕业于清华大学和美国耶鲁大学建筑学院，获建筑学硕士学位，之后曾实践于纽约。2009年在北京创立TAO。

TAO对当代建筑在全球化的消费主义语境下成为风格化的形式主义持批判态度。在华黎的建筑观中，建筑被视为一个进化的有机体，与其环境构成不可割裂的整体，而非仅仅是一个形式物体。TAO的实践通过深入挖掘场所意义和合理运用此时此地的条件，营造根植于当地文化与自然环境的建筑和景观，并诠释其营造过程中涉及的丰富意义。场所精神、场地及气候回应、当地资源合理利用，以及因地制宜的材料与建造方式等命题的探讨，构成了TAO每个项目工作的核心内容。

华黎以及TAO的主要设计作品包括：云南高黎贡手工造纸博物馆（2010）、四川孝泉民族小学灾后重建（2010）、武夷山竹筏育苗场（2013）、林建筑（2014）、四分院（2015）、将将甜品店（2016）、Lens空间（2017）、保山新寨咖啡庄园（2018）等，曾赢得过亚洲建协奖、2013阿卡汗国际建筑奖入围、2016及2018BSI瑞士建筑奖提名，美国建筑实录杂志评选的2012全球设计先锋以及最佳公共建筑奖、中国建筑传媒奖青年建筑师奖以及WA建筑奖等多个奖项。TAO的作品多次受邀在国际建筑展中展出，包括2018威尼斯国际建筑双年展、2016柏林Aedes再兴土木展、2015纽约中国当代建筑展、2014威尼斯双年展ADAPTATION中国建筑展、2013维也纳当代东亚建筑与空间实践展等。华黎受邀在清华大学、中央美术学院及香港大学担任客座教授，还曾在柏林艺术大学、香港大学、天津大学等国内外大学担任过课程设计评委。

Architecture is a journey of confrontation and exploration, just like climbing a mountain. Only after you measure the mountain with your body, you can fully understand the mountain. And there is no shortcut in this process.

---Hua Li

Born in 1972 in China, HUA Li received his B. Arch. from Tsinghua University in 1994. He then studied at Yale University and received his M. Arch. in 1999. He practiced in New York and Beijing before founding his own firm TAO (Trace Architecture Office) In 2009. In 2021, HUA Li was elected into Chartered Membership of the Royal Institute of British Architects.

Being critical at contemporary architecture as an obsession to fashionable forms in media driven globalized consumerism, HUA Li visions architecture as an evolving organism, being an inseparable whole with its environment, rather than just a formal object. With most projects positioned in particular cultural and natural settings in China, TAO explore the essence of place; make architecture deeply rooted in its cultural and environmental context with respect of local condition. The sense of place, response to climate, efficient use of local resource, site-responsive construction method, such issues are always explored in every TAO project responding to its specific situation.

HUA Li's key works include: Museum of Handcraft Paper (2010), XiaoQuan Elementary School(2010), Wuyishan Bamboo Raft Factory(2013), Forest Building(2014), Split Courtyard House(2015), TiensTiens Café (2016), Lens Office Beijing(2017) and Xinzhai Coffee Manor(2018). HUA Li and TAO has won several architectural awards including ARCASIA Award, shortlisted in Aga Kahn Award 2013, nominated in BSI Swiss Architectural Award 2016&2018, Architectural Record GDGB Award, China Architecture Media Award and WA Award, and TAO was listed in Design Vanguard 2012 by Architectural Record Magazine. TAO's works have been exhibited internationally in Venice, Berlin, Vienna and New York. Hua Li taught at Tsinghua University and China Central Academy of Fine Arts as a visiting professor. He now teaches at the University of Hong Kong as an adjunct professor, and has been a guest critic for studio reviews at University Arts Berlin, the University of Hong Kong and Tianjin University.

迹 T

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○

迹·建筑事务所 /

Trace Architecture Office /

北京市朝阳区草场地艺术区 241-15 号 / No.241-15 Caochangdi Art District,Chaoyang,Beijing /  
100015 / tel+86-10-84308646 / office@t-a-o.cn / www.t-a-o.cn /