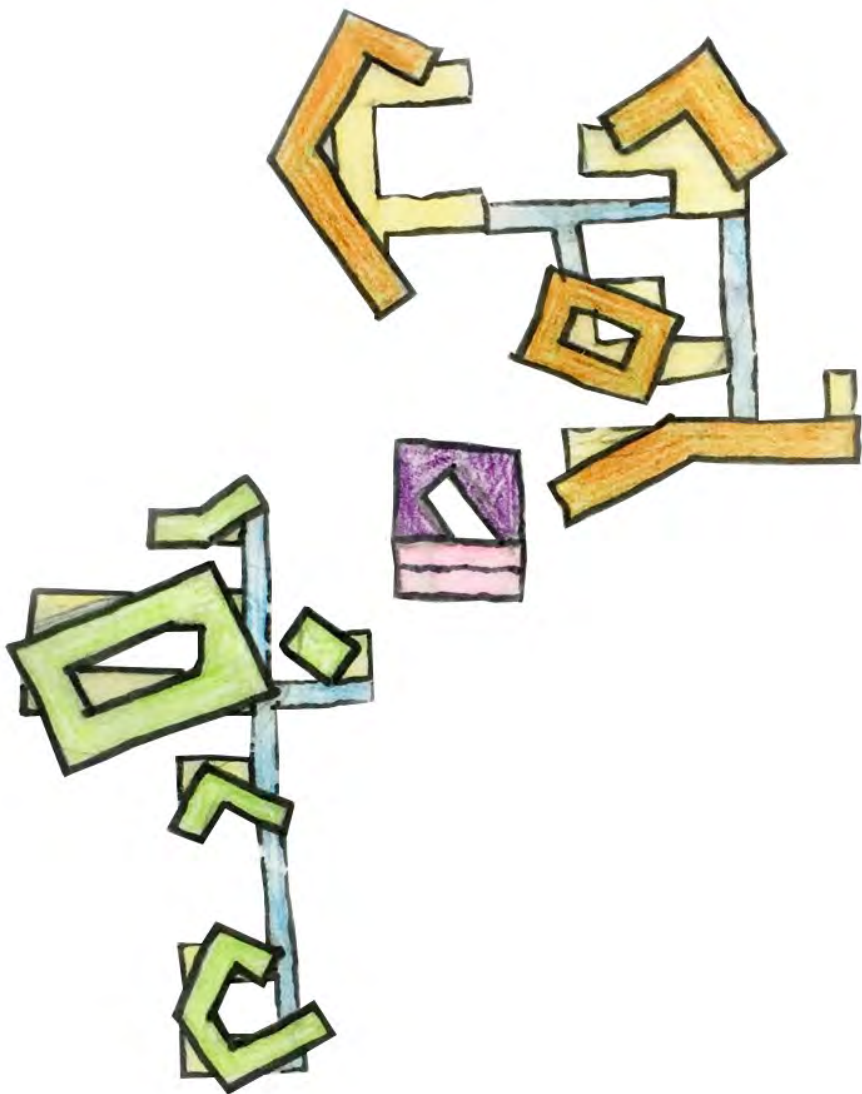


Isaac M. Wilhelm

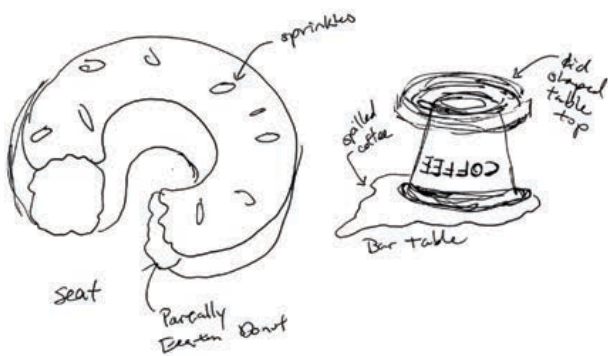
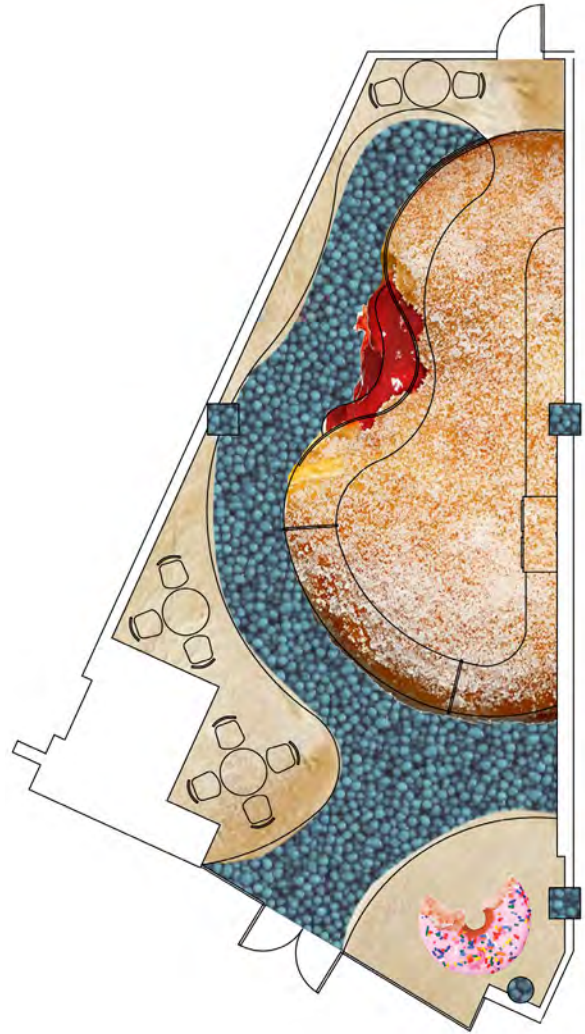
Design Work Samples



Primo's Donuts

Donut Shop / Bakery

Primo's Donuts is a critically acclaimed family operated donut shop in Los Angeles, California. Looking to expand into new neighborhoods around LA, the owners sought after an iconic mid-century diner motif with modern refreshments. The interior concepts were developed for a specific space in Culver City; however, the inspiration of the baker's process from kneed to frosting to boxing to eating is viable for any future location. The curvaceous wood floors, ceilings, and counters assimilate the forms of donuts. While the blue terrazzo floor and columns seem like sprinkled frosting dripping from the donuts onto the baby blue donut box walls. The human-sized donut bench near the storefront subtly draws pedestrians in, and is a marketing tool for social media crazed millennials to take selfies on as they eat one of America's greatest donuts.



Donut Bench & Coffee Table Sketches

Concept Diagram

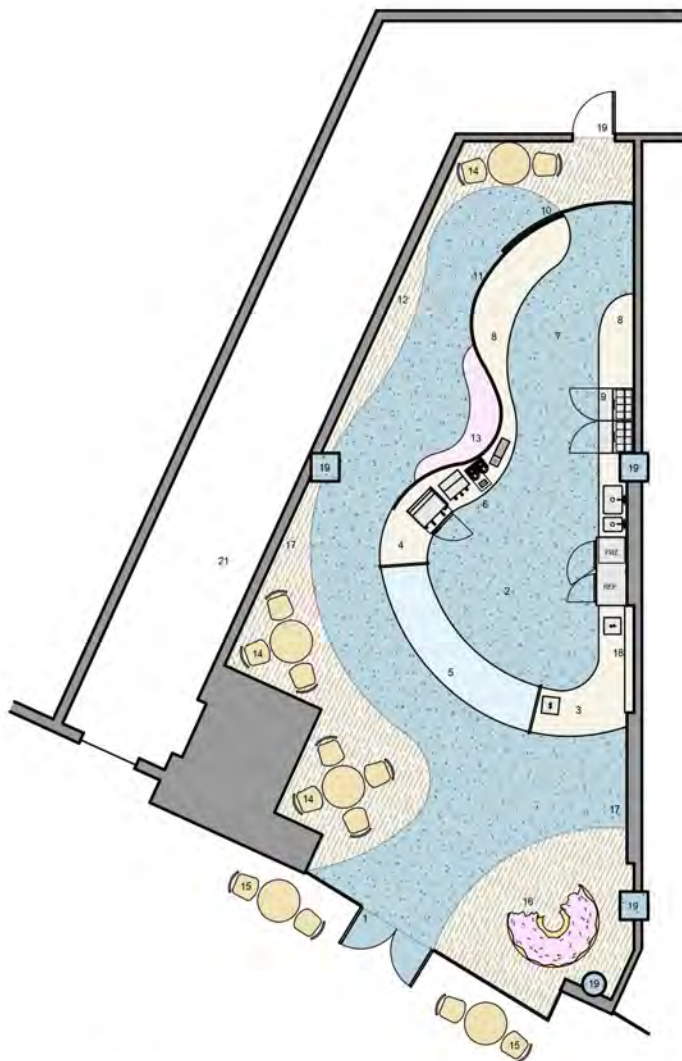


©2018 IMWhatever Designs

Interior Vignette

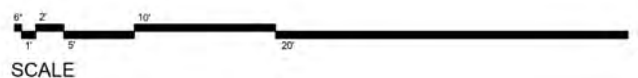


Exterior Vignette



KEY LEGEND

1. Main Entrance
2. Service Area
3. Order Counter
4. Pick-Up Counter
5. Donut Display
6. Coffee Bar
7. Bakery/Kitchen
8. Prep/Finishing Counter
9. Deep Fryer
10. Sliding Service Area Door
11. Decorative Glass Wall
12. Chalk Wall
13. Built-In Seating
14. Cafe Seating
15. Outdoor Seating
16. Life-Size Donut Bench
17. Art/Photograph Display
18. Built-In Shelving
19. Structural Column
20. Rear Entrance
21. Interior Retail Corridor

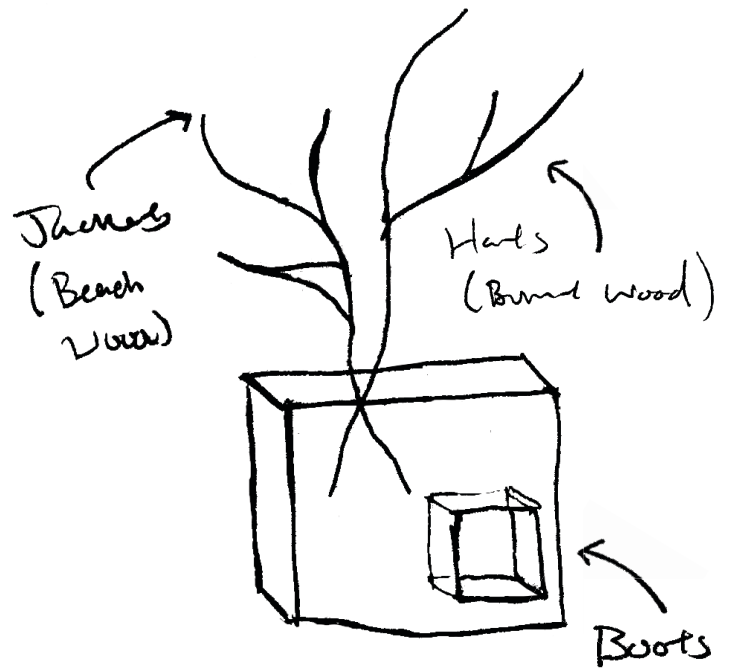


Schematic Floor Plan

'As'ah

Coat Rack

Comprised of two wooden sticks cast in naturally colored rammed earth, 'As'ah interprets the timeline of drought in the American Southwest. One tree limb is from the Santa Monica Mountains, scorched by drought bushfires; while the other is a piece of sun and sea bleached drift wood washed ashore the Santa Barbara beaches after winter storms, marking the end of drought. The solid base, shoe rack, represents the resilient earth that withstands and endures the entire cycle. 'As'ah is the Navajo word for long time, and in this context is representative of the lands perseverance through drought.



Concept Sketch



Option 1: Ash



Option 2: Ayers



Red-Violet Navajo Mound



Desert Sage Green Navajo Mound



Red-Violet Soil Sample



Desert Sage Green Soil Sample



Bushfire Wood Specimen



Beach Drift Wood Specimen



Bushfire Collection Point

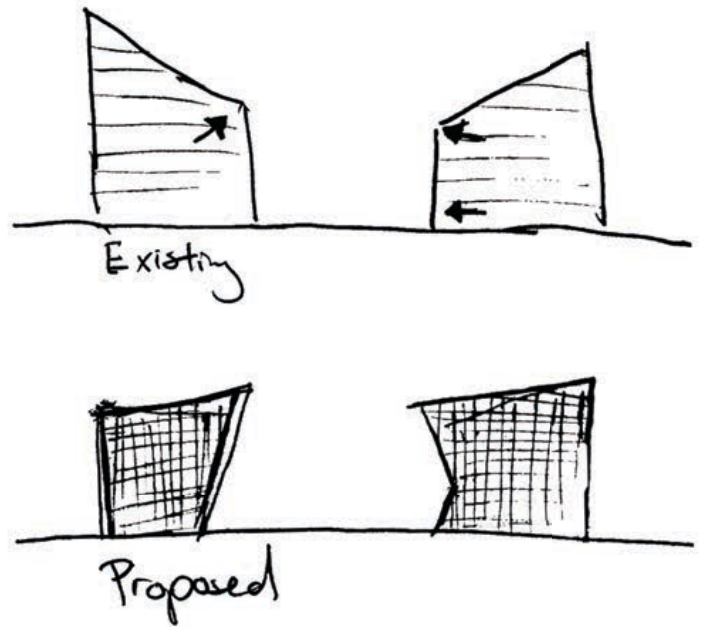


Beach Collection Point

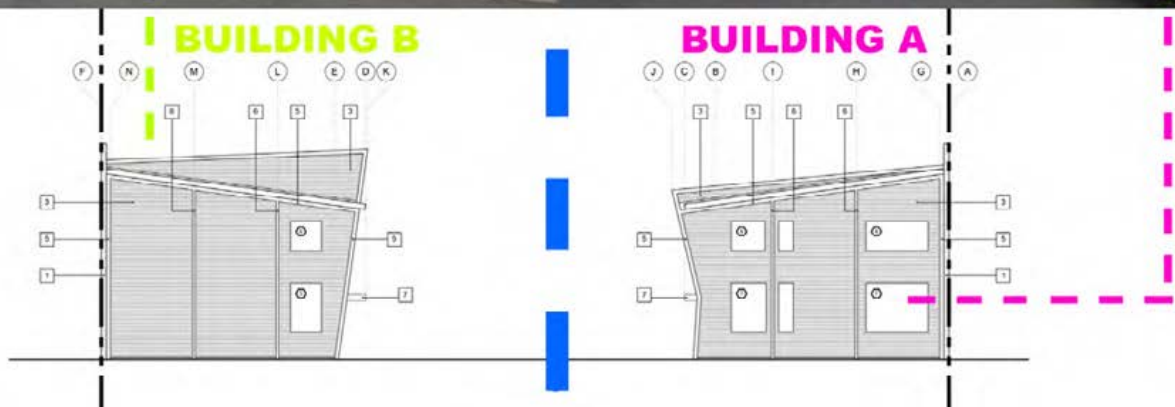
Electric Ave

Office Lofts Remodel

Tucked just behind Abbot Kinney, Electric Ave Business Center is an existing office lofts. The property owner is seeking a face lift on the exterior and interior to draw in a new wave of tenants. A large portion of the existing structure is covered by secondary suspended metal grills, doubling as advertising space for each adjacent loft. Furthermore, jagged forms of metal grill distort the existing symmetrical buildings into asymmetrical silhouettes along the street elevation. Staying mindful of the existing materials, cladding over half of the existing cmu block walls with a charred oak wood is the final touch to the deconstructive renovation of the exterior. The interior renovation follows a simple logic, the plugged-in elements are to be finished in white oak hardwood (all elements other than the ground floor, structural walls, and roof ceiling). Subsequently, this creates a waterfall effect flowing from the second floor, over the balcony wall, down the stairs, and under to the ceiling of the ground floor.



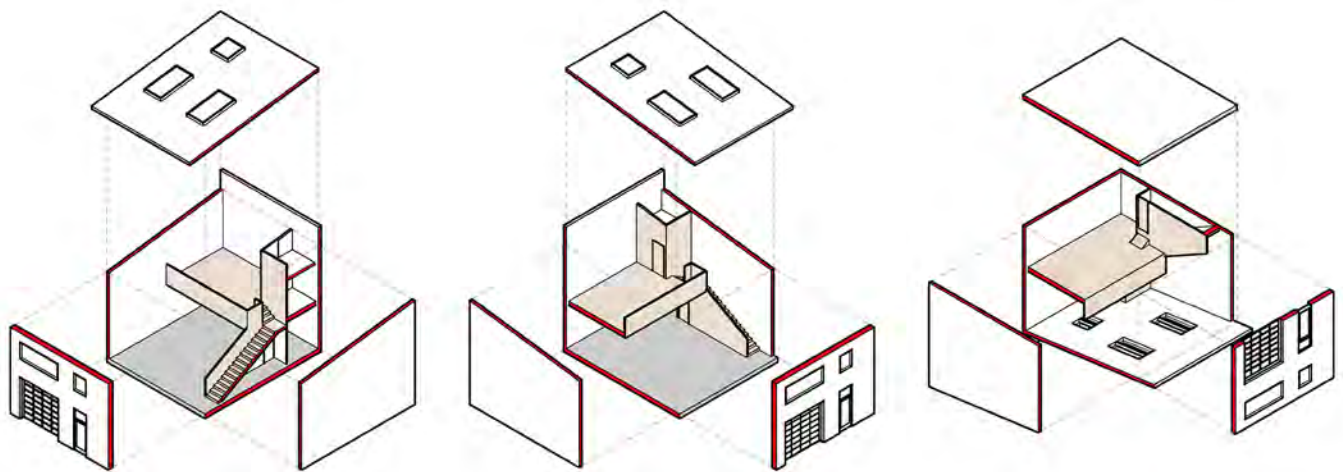
Concept Sketches



Exterior Vignettes & Elevations



Interior Vignette



Interior Concept Diagram

Gesso

Pizza Restaurant

Formerly Pitfire Pizza on Fairfax Avenue, Los Angeles, Gesso is an upscale spinoff of its predecessor. Bosting an industrial artist warehouse vibe, metal and glass control how much you see of what. The main dining area is separated from the entrance by a custom-built stain glass tunnel. Resembling the large gridded windows of an abandoned warehouse, the kitchen is silhouetted behind the bar by a translucent glass and metal wall. The walls of the restaurant are painted in gesso, depicting paintings truthfully with multiple stages of layering and shading. Stacked bottles in the wine room are visible through the negative space between colorful spools of thread, emphasizing the beauty of unit through superimposition.



Original Pitfire Bar Photograph



Bar Vignette

1. Clear Polycarbonate Rod



2. Cone Thread Spools



3. Metallic Rod Caps



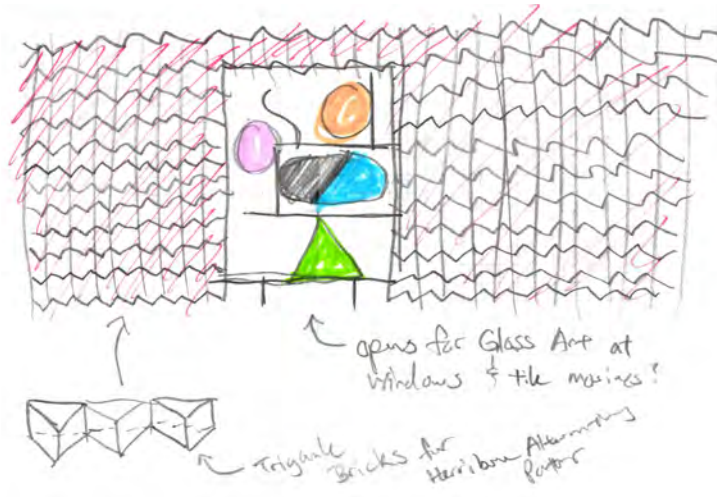
4. Metal Wall Hooks



5. Completed



Spool Wall Assembly Diagram



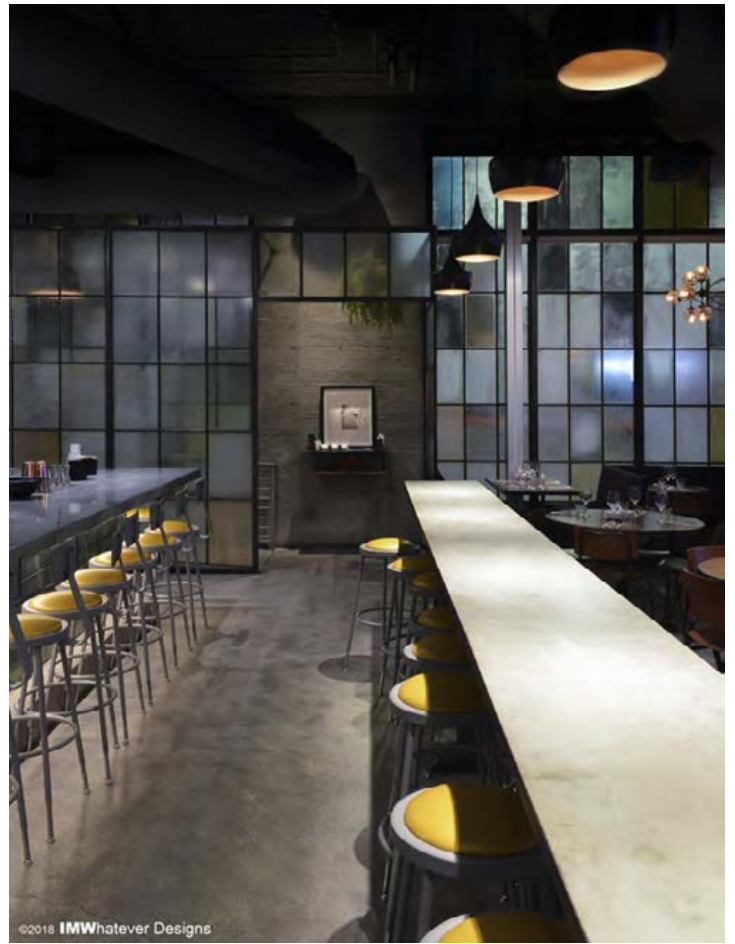
Preliminary Concept Sketch



Wine Room & Dining Area Vignette



Finished Booth Photograph



Finished Dining Area Photograph



Finished Bar Photograph



Before & After Collage



Finished Interior Collage

Rashiq قيشر

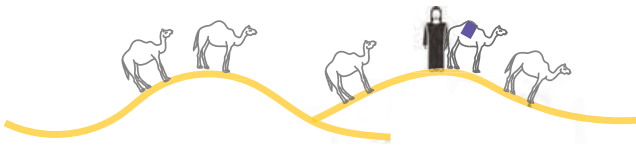
TV Stand

A glimmer of Arabian gold catches the eye as a caravan of camels navigates over the curvaceous sand dunes of the Rub' al Khali desert as heat refracts and dances to shapes unknown. Riding a white-grey camel with a royal purple saddle as though dyed by Phoenician but a day ago, a sheikh in the center of the caravan glances back smiling. The curves of his sun-drenched biceps summon for rest as his body gyrates with the long strides of his halting camel. As he dismounts the perfect outline of his rugged body becomes more evident. He turns and says in a modest tone, "For I am Rashiq, queen of this land."

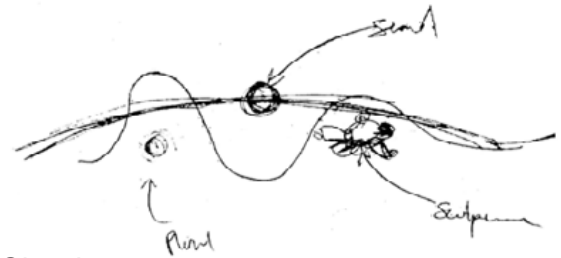
**Rashiq, قيشر (Arabic): curvaceous.



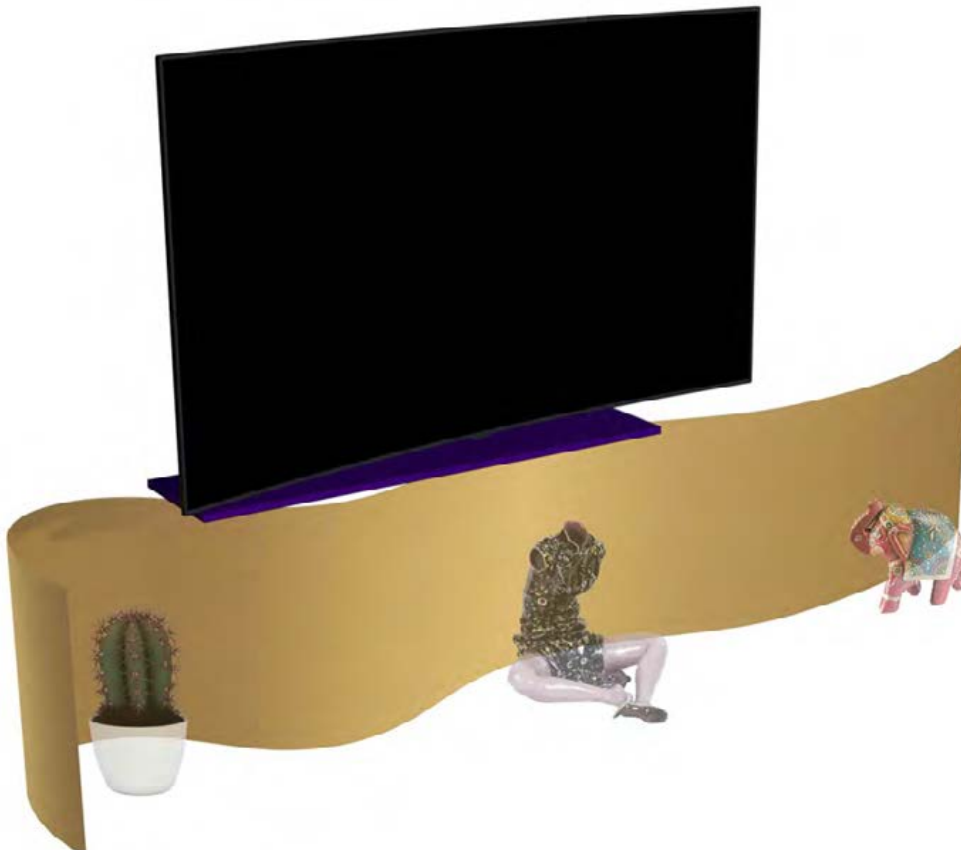
Inspiration Image



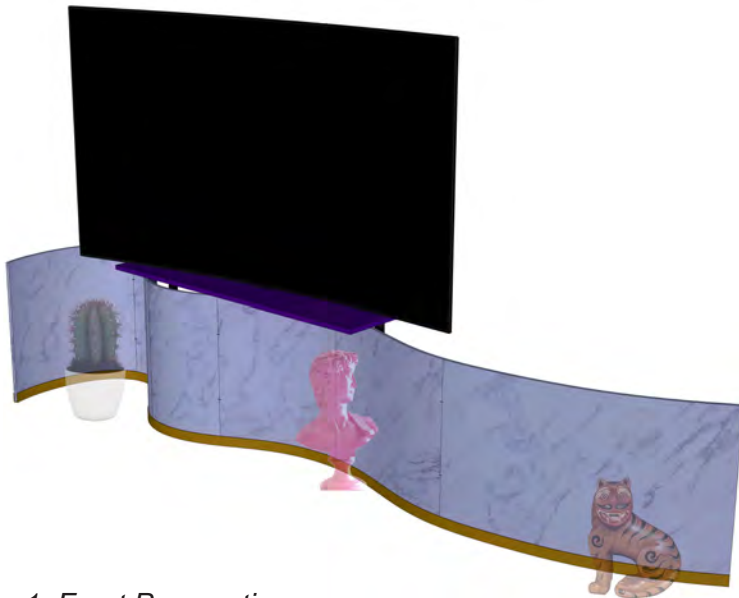
Inspiration Diagram



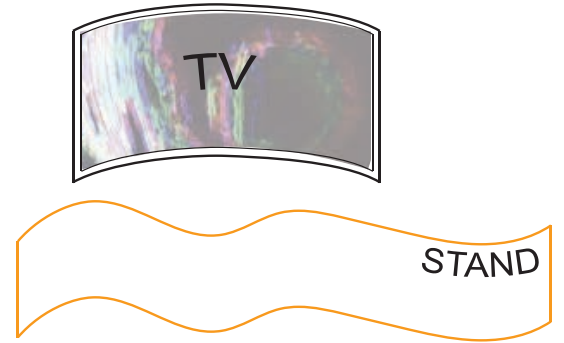
Parti Sketch



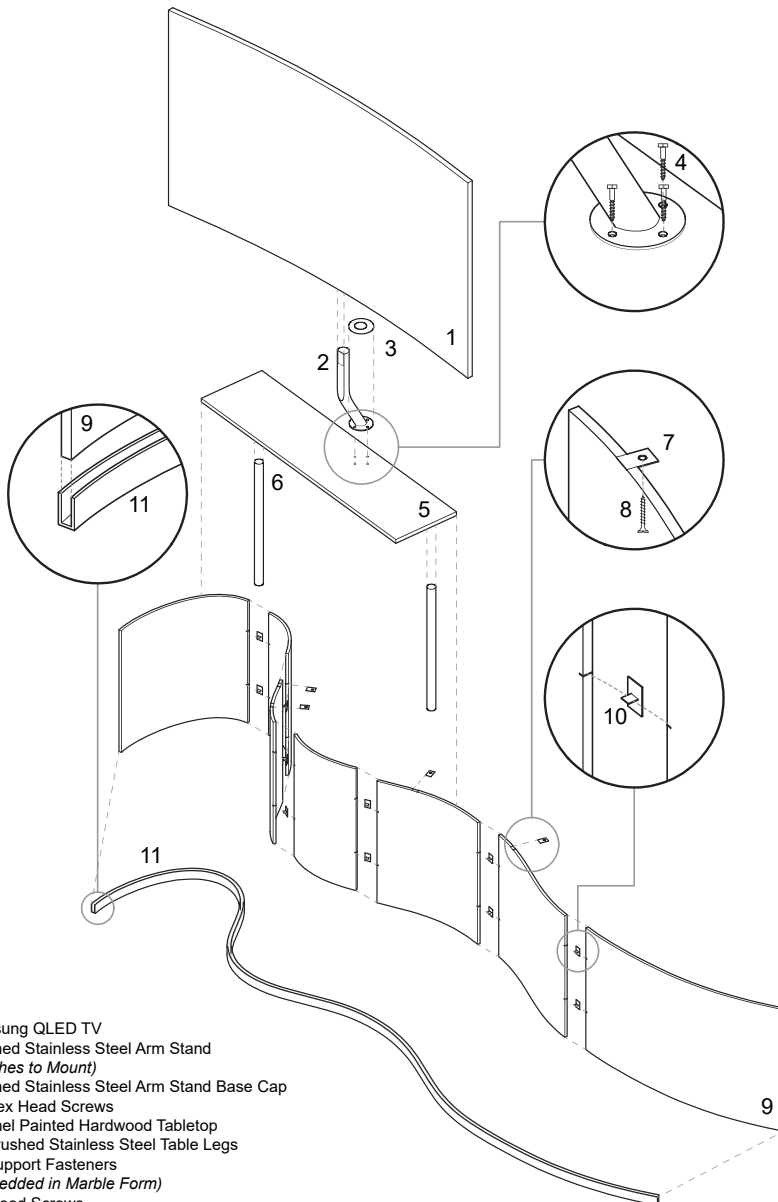
Option 2: Front Perspective



Option 1: Front Perspective

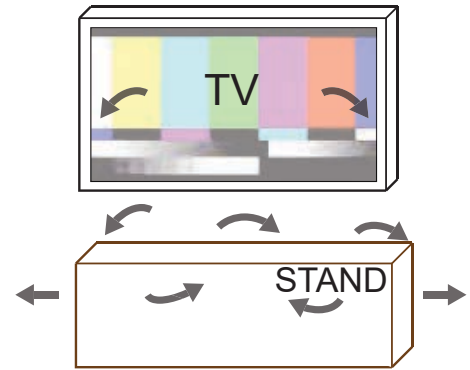


3 Sexy

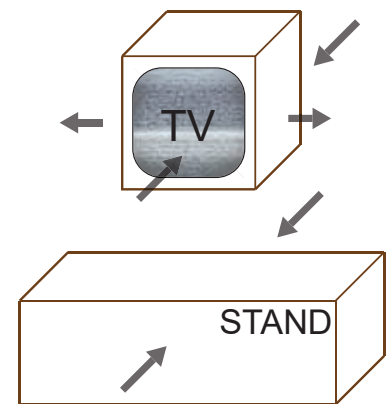


- 1. Samsung QLED TV
- 2. Brushed Stainless Steel Arm Stand
(Attaches to Mount)
- 3. Brushed Stainless Steel Arm Stand Base Cap
- 4. (4) Hex Head Screws
- 5. Enamel Painted Hardwood Tabletop
- 6. (2) Brushed Stainless Steel Table Legs
- 7. (4) Support Fasteners
(Embedded in Marble Form)
- 8. (4) Wood Screws
(Attaches Table Top to Metal Form)
- 9. (7) Marble/Natural Stone Slab
- 10. Gold Hairline Finish Stainless Steel Support Clips
(Attaches Marble Slabs Together)
- 11. Gold Hairline Finish Stainless Steel Rail Base
(Supports Slabs)

Option 1: Exploded Axonometric

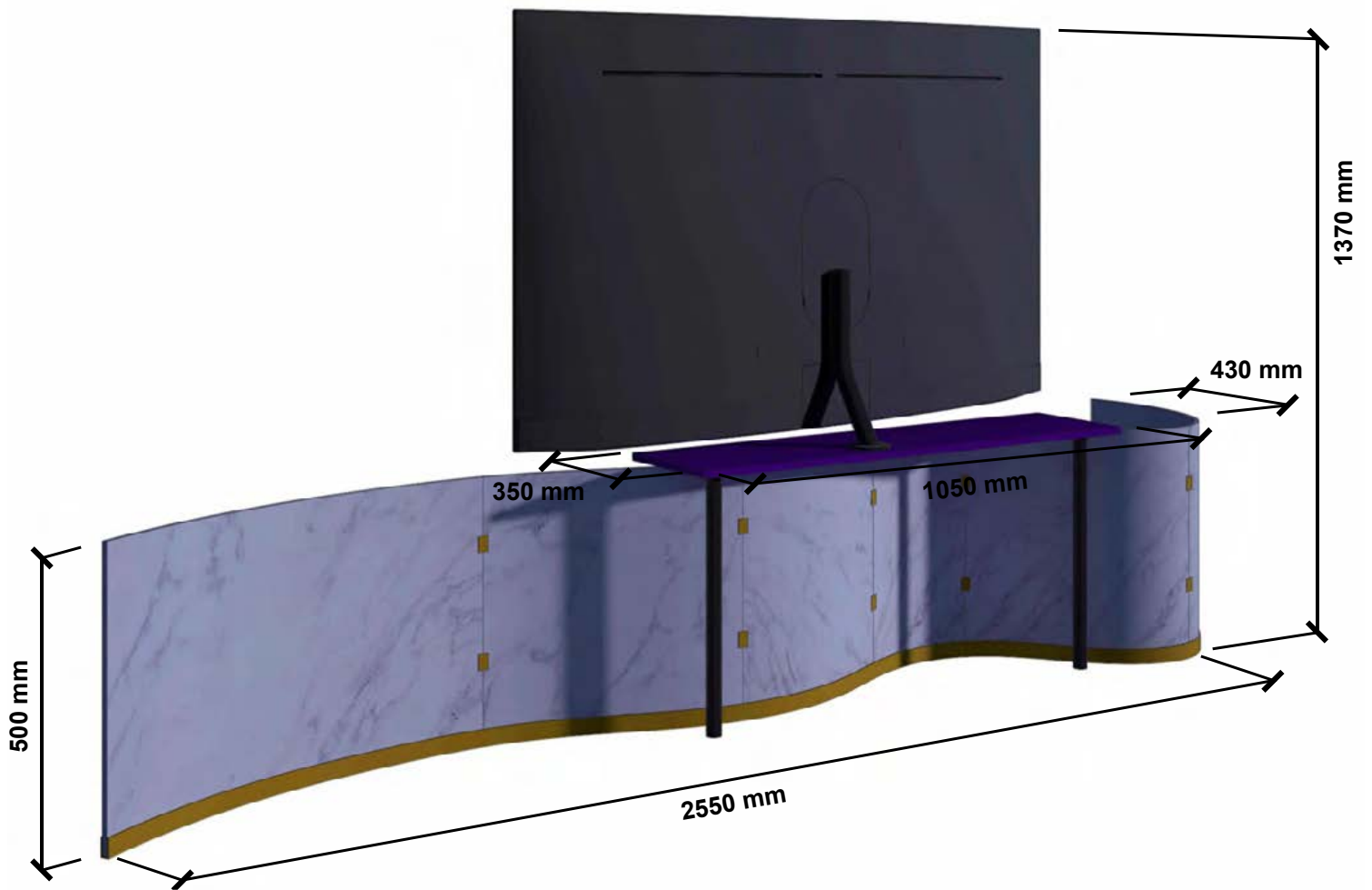


2 Skinny



1 Functional

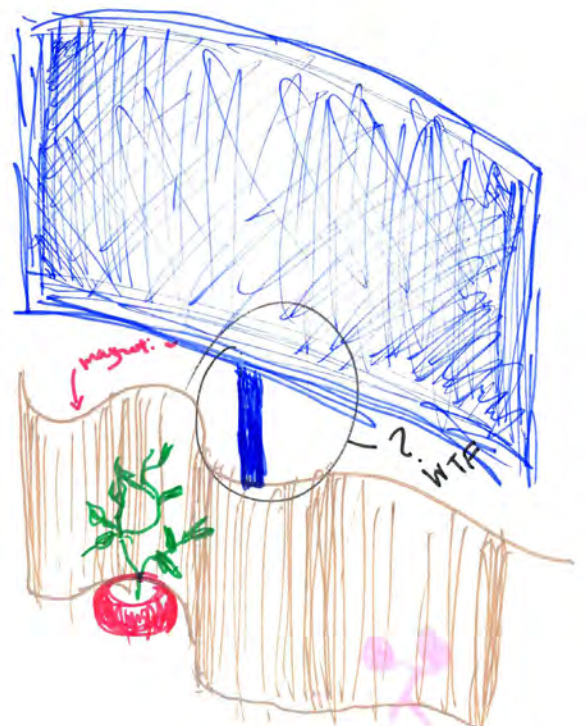
Concept Diagram: Form Evolution



Option 1: Rear Perspective



Physical Concept Model



Concept Sketch

Superba Coffee Pasadena

Café & Coffee Bar

Located in Pasadena, California, Superba Coffee combines globally-sourced premium coffee beans in a relaxed Californian open atmosphere. Opposing wood finishes inspire two alternate interior concepts, Flat White and Espresso. The welcoming shabby-chic motif juxtaposes the cool, modern new structure. Offering fresh and light fare, the flexible dining area transforms into an open-air lounge. Furthermore, local cacti and succulents scattered with foreign cultural objects throughout the interior submerge patrons in a bohemian garden-side experience.



Concept Diagram Sketch



Flat White Dining Counter, Interior Elevation



Espresso Service Counter, Interior Elevation



Espresso Service & Dining, Interior Elevation



Flat White Dining & Pick-Up Counter, Interior Elevation



Flat White Prep Counter, Interior Elevation



Espresso Prep Counter, Interior Elevation



Dining Area with Patios, Section

Twin Creeks Resort

Golf Club Resort & Condos

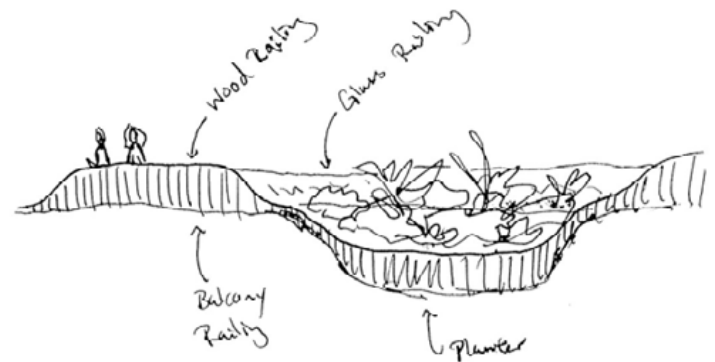
Twin Creeks Resort & Condos is part of a master development on Twin Creeks Golf Course in Penrith, New South Wales, Australia. The development plan includes a club house addition, vineyards, winery, golf academy, cycle path, and upgraded driving range. Furthermore, the resort amenities include a restaurant, pro shop, bar, wedding lawn, banquet hall, gym, spa, pool, beach, and pool bar. The building form is a conceptualized mountain landform. Generating a parabolic illusion, the hotel room balconies breakup the façade with rounded rhombus wood railings. Hanging greenery, stone walls, and garden terraces enhance the experience of holidaying in a living mountain forest.



Twin Creeks Expansion Master Plan



Resort Balcony Sketch



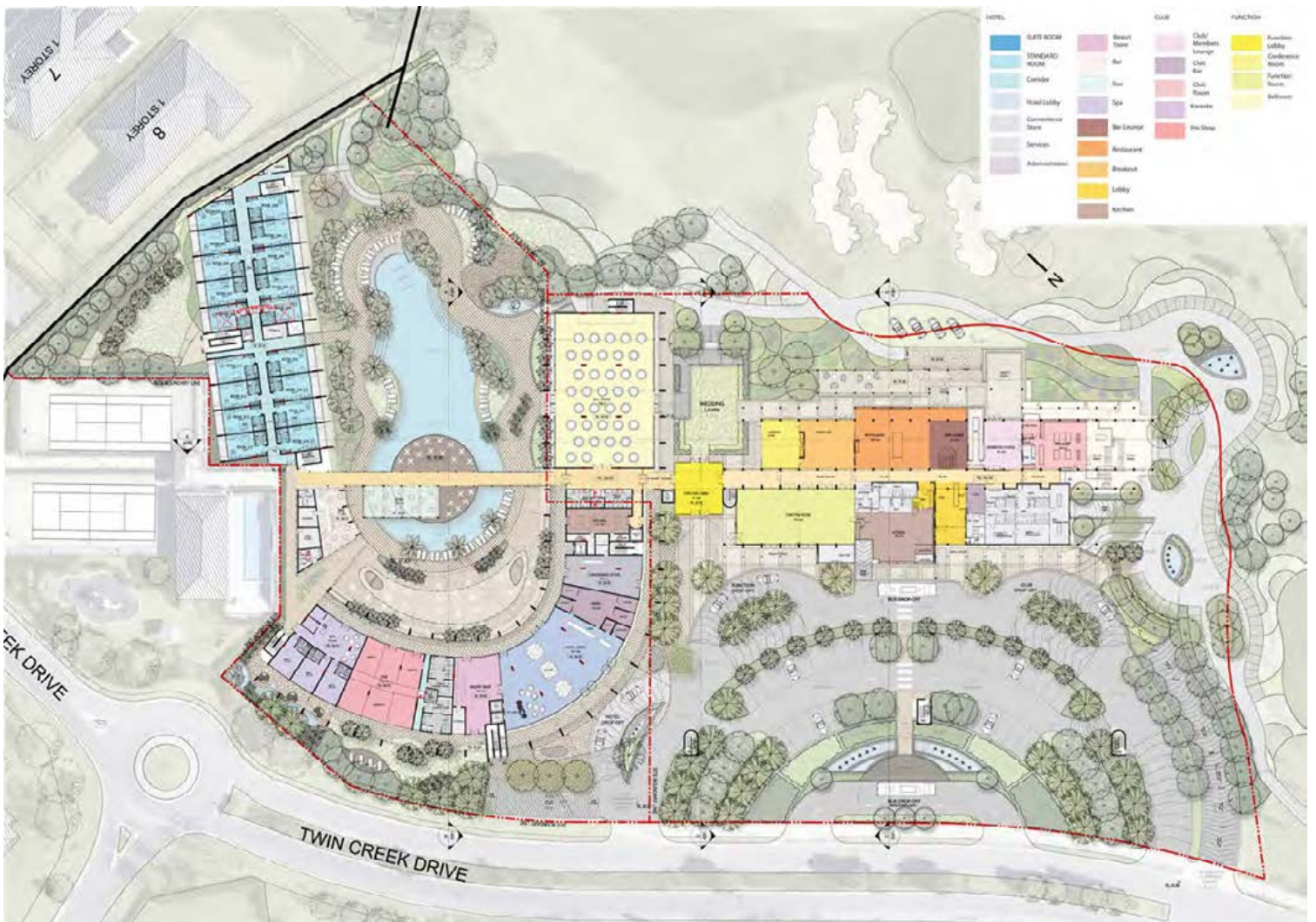
Resort & Club House South West Elevation



Resort & Club House North East Elevation



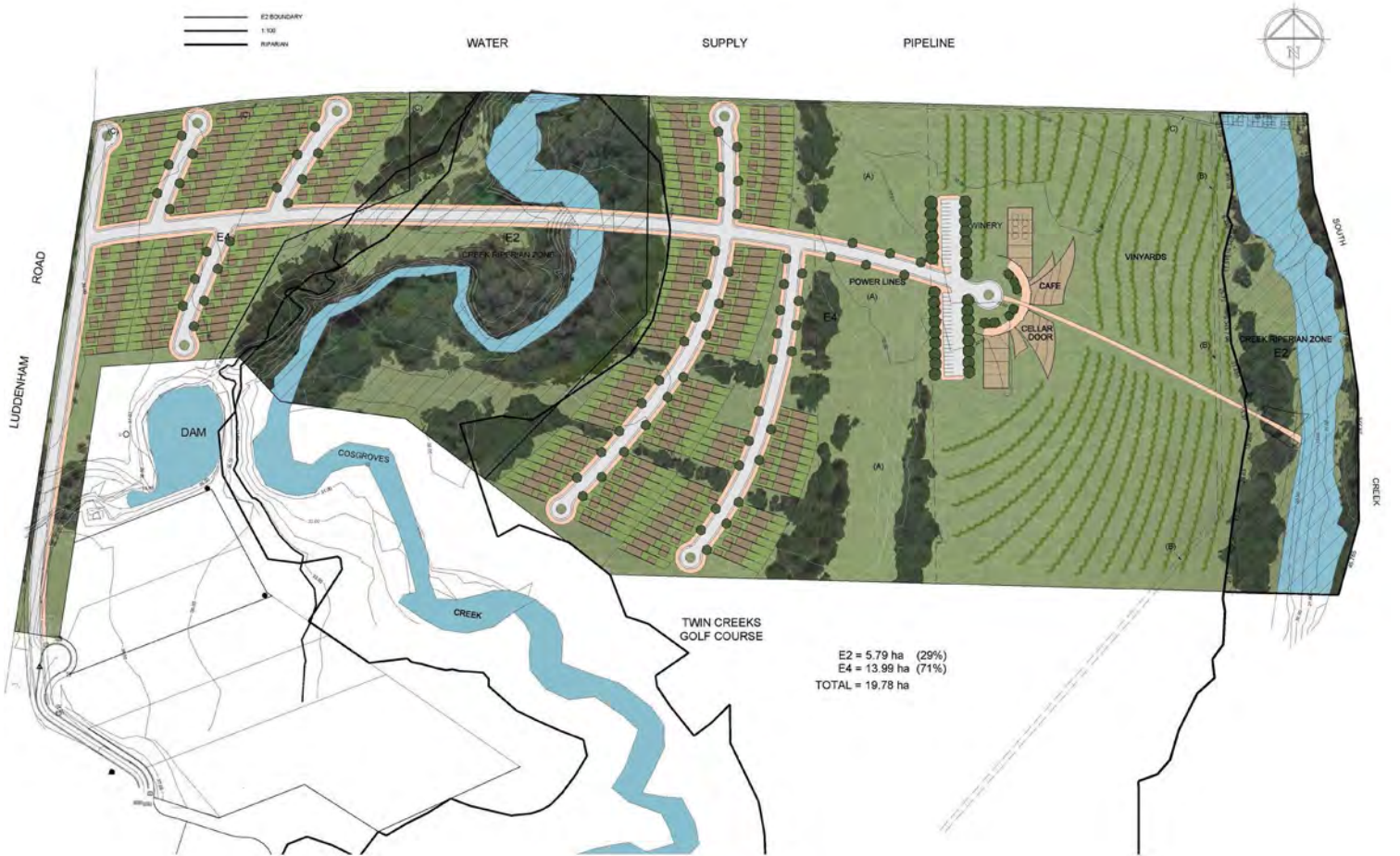
Resort Lagoon View



Resort & Club House Ground Floor Plan



Condos & Vineyard Aerial View



Condos & Vineyard Master Plan

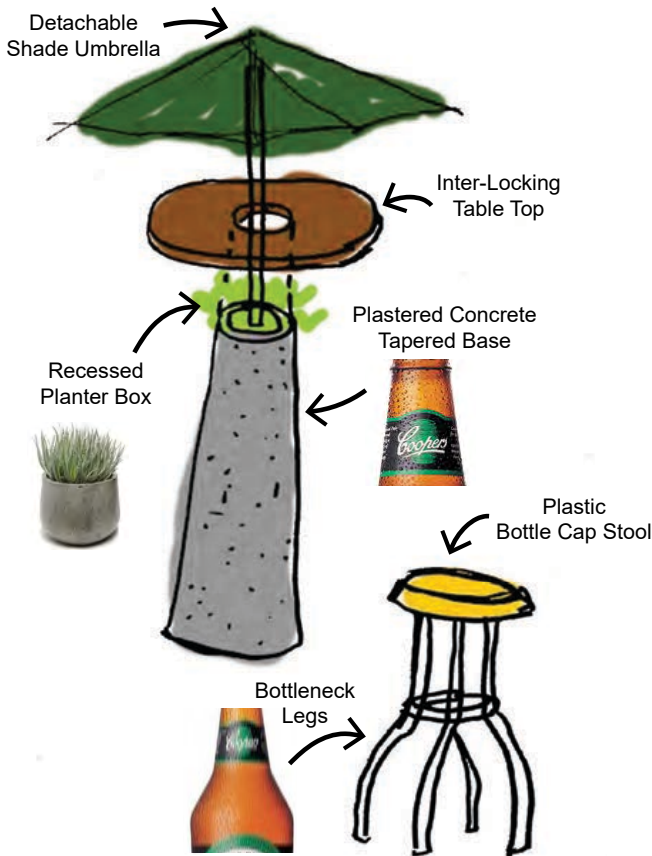
Garden Beer Gardens

Australian Open Cocktail Furniture

Garden Beer Gardens abstracts the marketing re-branding of Coopers beer, official sponsor of the Australian Open 2017 tennis tournament. Previously, Coopers was branded with an old-world-heritage-draft appeal. The cocktail-style furniture for the event juxtaposes warm traditional wood with modern plastered concrete and plastics. Planter boxes with succulents add a fresh-lively element. Bottle shape, assemblage, and storage were also incorporated into the concepts.



Coopers Beer



Concept Sketch



Concept 1



Concept 2



Concept 3



AO Coopers Beer Garden Photograph



AO Coopers Beer Garden Photograph

Mangrove Resort Hangzhou

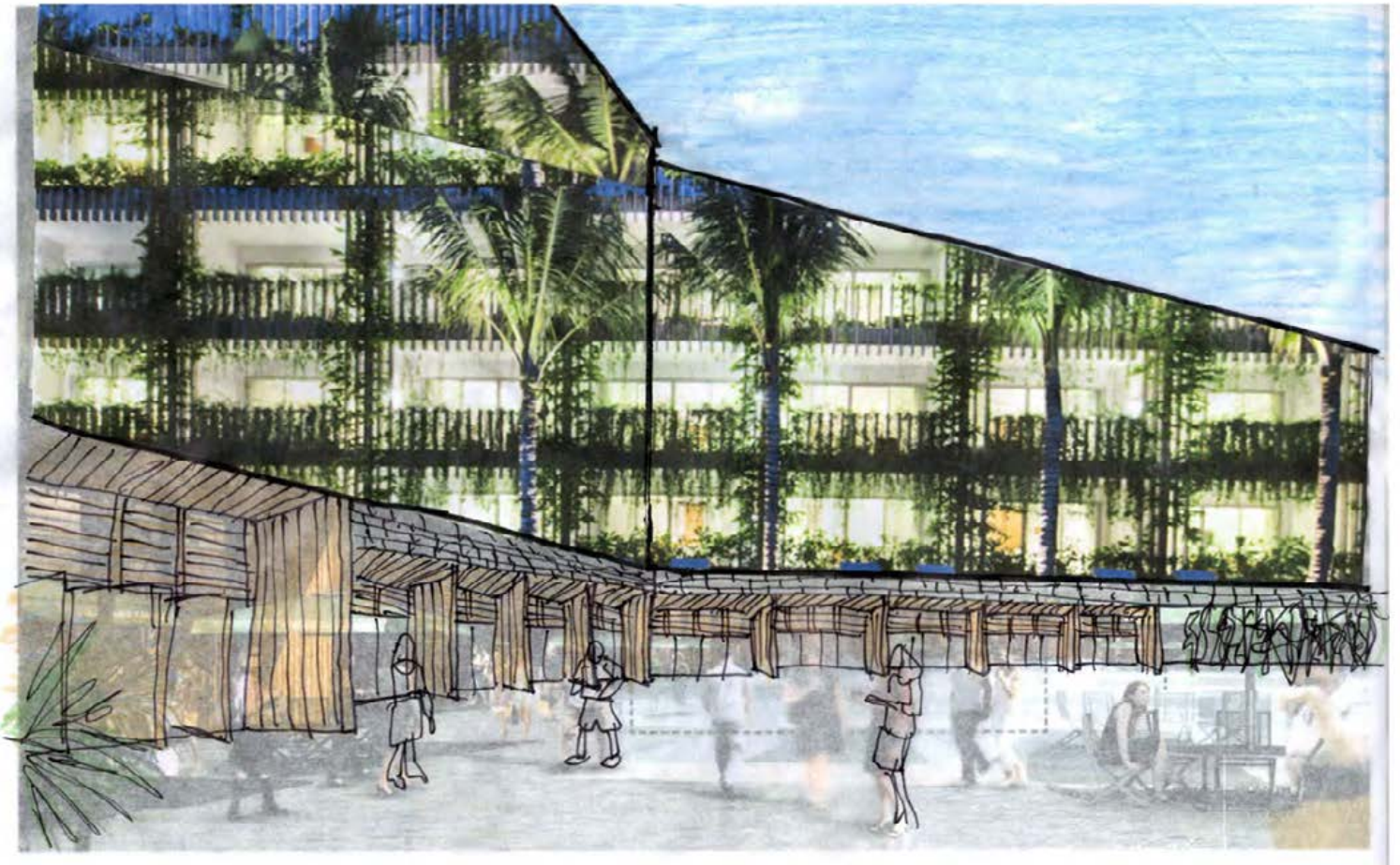
Resort & Façade Design

Hangzhou is known for its rich cultural history and traditional teism ideology. Translating the key features of the region into architectural design, two schemes for the resort hotel towers façade were simultaneously conceptualized. Various architectural styles, from common village homes to Imperial palaces, were analyzed in depth for the development of resort facilities. Traditional order and components were reinterpreted into a Chinese-contemporary design, allowing guests to feel as though their modern world has been transported back into the Song Dynasty.

杭州以它丰富的文化历史和传统茶艺而出名。为了能够将这个区域最主要的特点在建筑设计中体现出来，整个度假酒店大楼的外墙同时采用了两种不同的设计方案。通过深度分析各种各样的建筑风格来发展度假酒店的设施，其中包括普通农民的家、皇宫等等。传统的次序和元素被重新诠释并融入到现代中国设计中，让身处现代的客人们感觉仿佛置身于宋朝中。



Hotel Façade Scheme 2 Site Analysis



Hotel Façade Scheme 1 Concept Collage



Hotel Façade Scheme 1 Front Perspective

区域
Programming Separation An:

① **酒店HOTEL**
商铺COMMERCIAL

区域划分
Programming Separation



抽象传统建筑构件
Hangzhou Components



茶园意向
Tea Terrace Garden

Hotel Façade Scheme 1 Conceptual Analysis



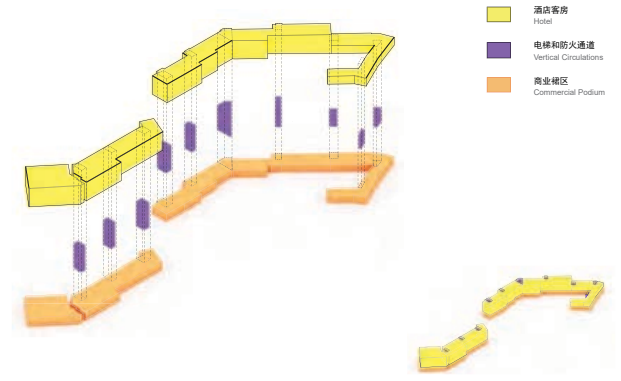
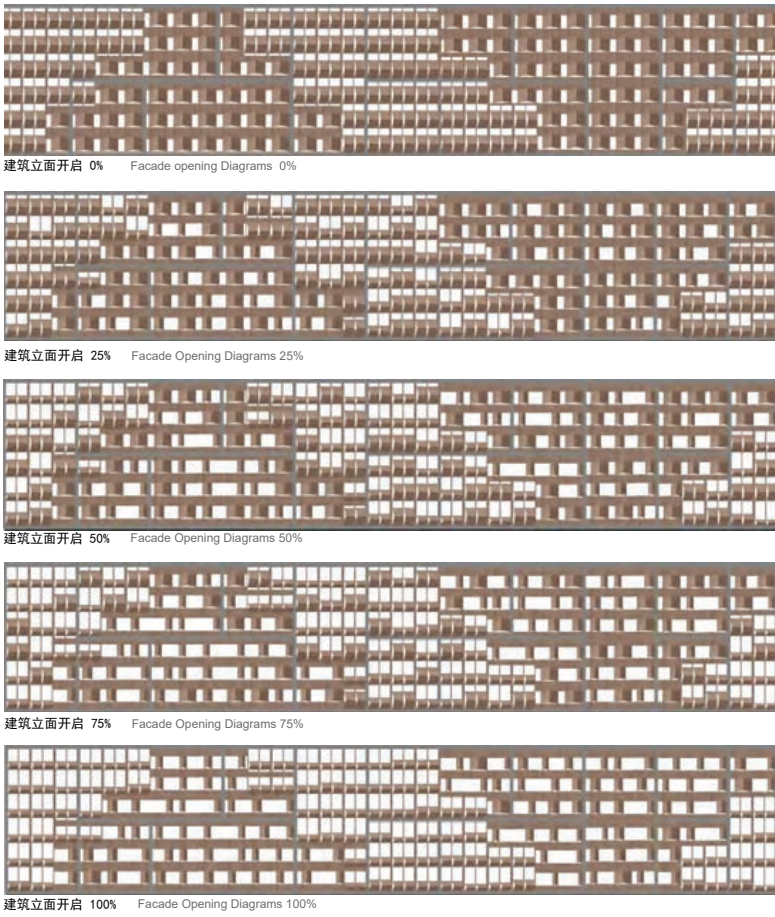
Hotel Façade Scheme 2 Concept Collage



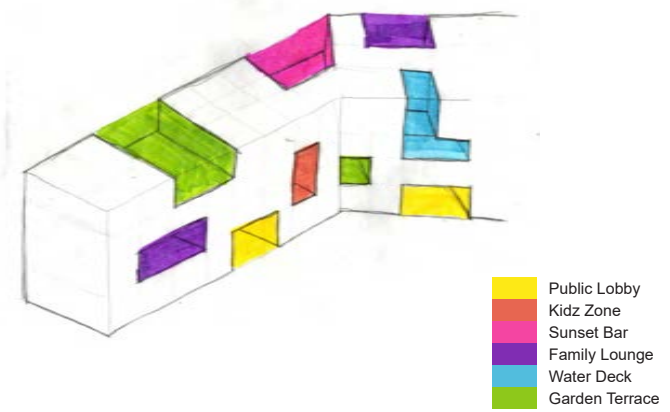
Hotel Façade Scheme 2 Site Analysis



Hotel Façade Scheme 2 Front Perspective



Hotel Program Diagram



Increased Hotel Programming Sketch

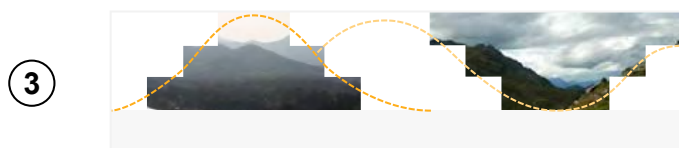
Hotel Façade Scheme 2 Screen Variations

① 酒店HOTEL
 商铺COMMERCIAL



区域划分
 Programing Separation

抽象传统建筑构件
 Hangzhou Components



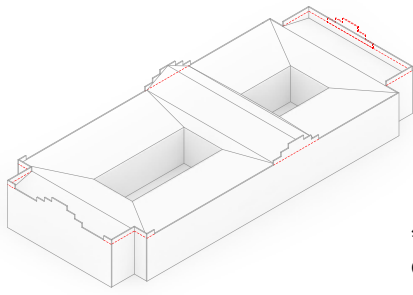
山景意向
 Mountain Landscape



抽象传统建筑格栅
 Hangzhou Screen

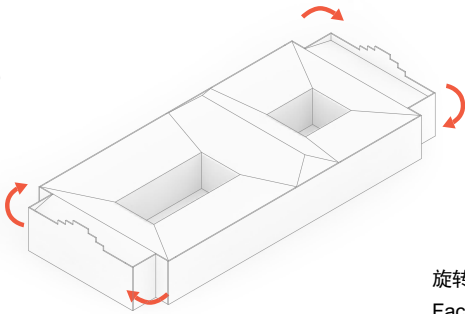
Hotel Façade Scheme 2 Conceptual Analysis

1



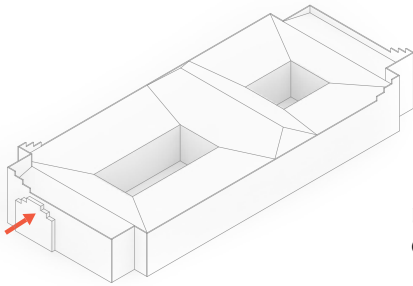
错动庭院位置
Courtyard Shifting

2



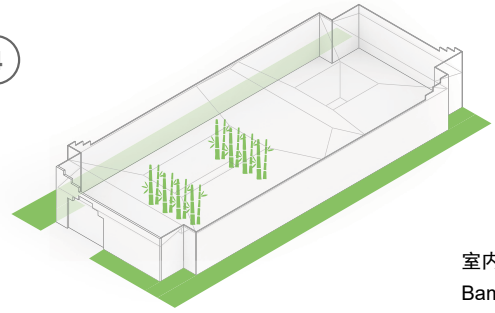
旋转立面
Facade Rotating

3



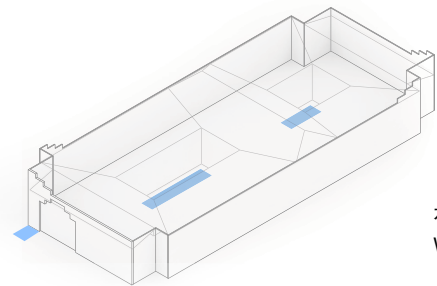
向内移动入口大门
Gate Inverting

4



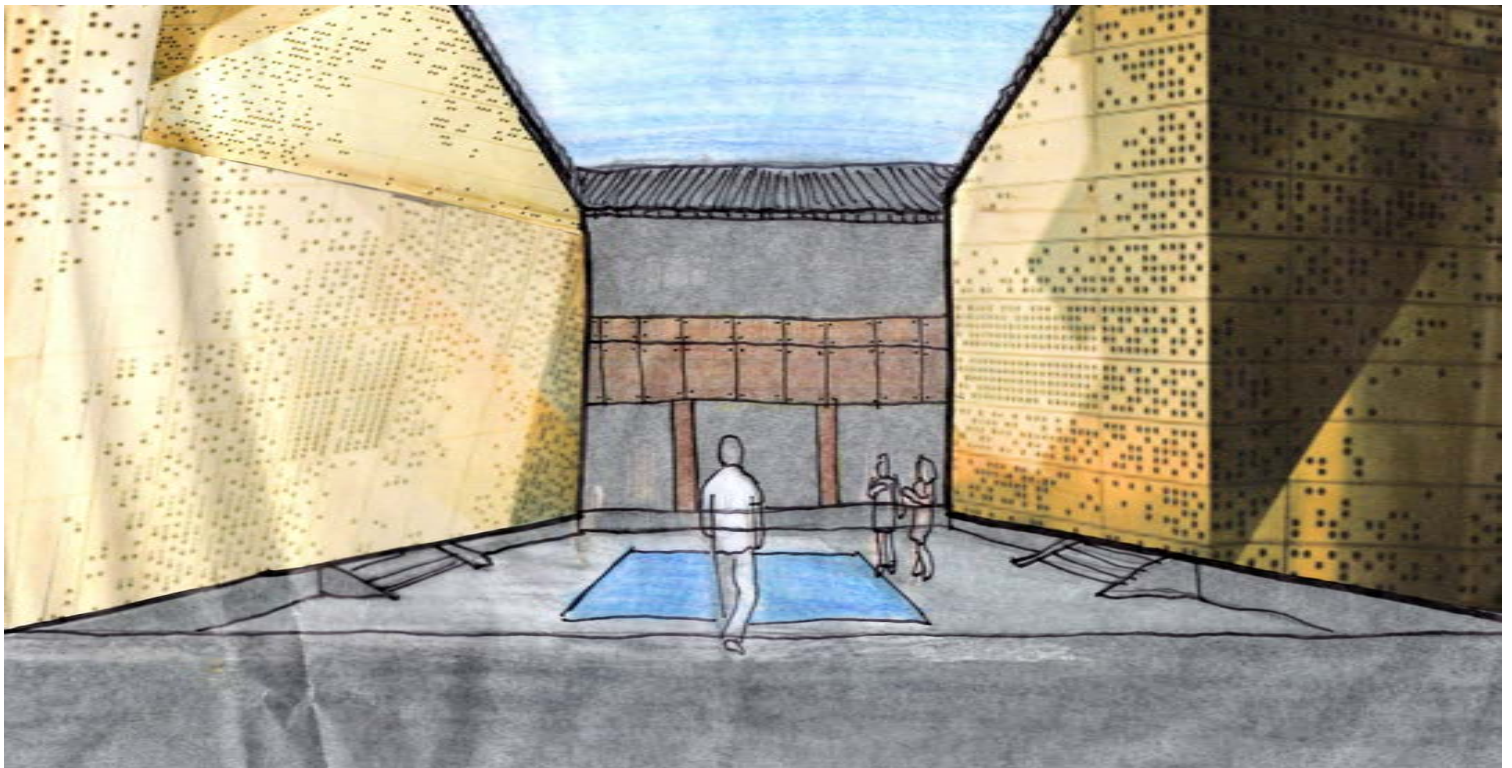
室内竹墙
Bamboo Wall

5



水
Water

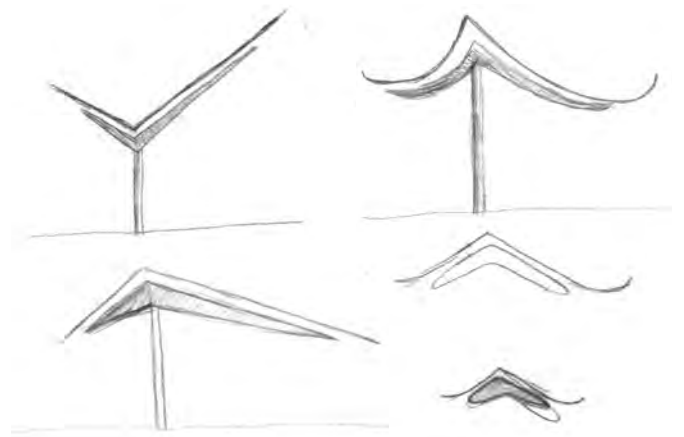
Hotel Reception Design Sequence



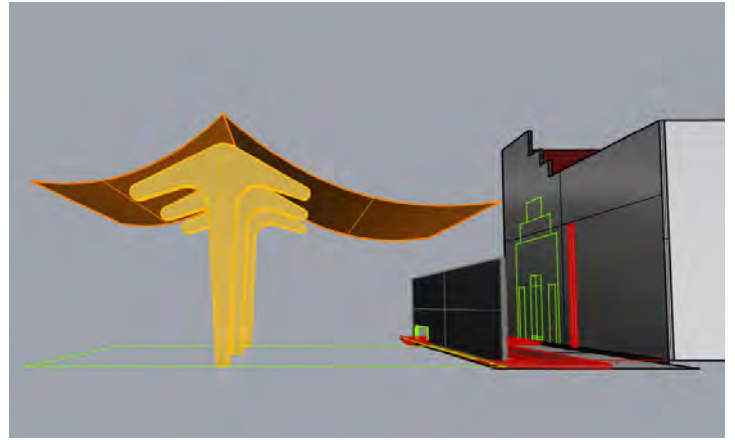
Hotel Reception Concept Collage



Hotel Reception Aerial Perspective



Drop-Off Zone Sketches



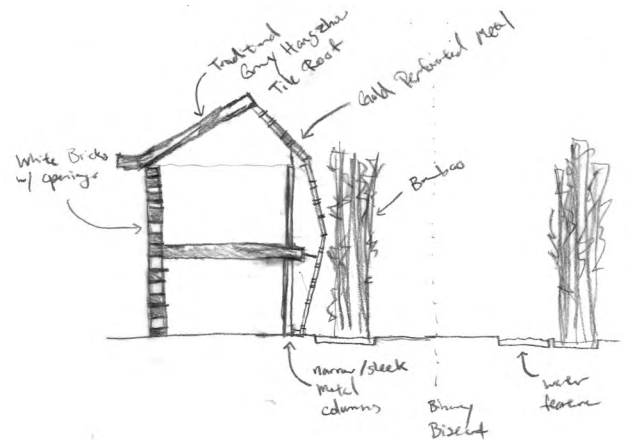
Drop-Off Zone Rhino Model



Hotel Reception Front Perspective



Hotel Reception Front Elevation



Hotel Reception Sectional Sketch



Hotel Reception Rear Elevation



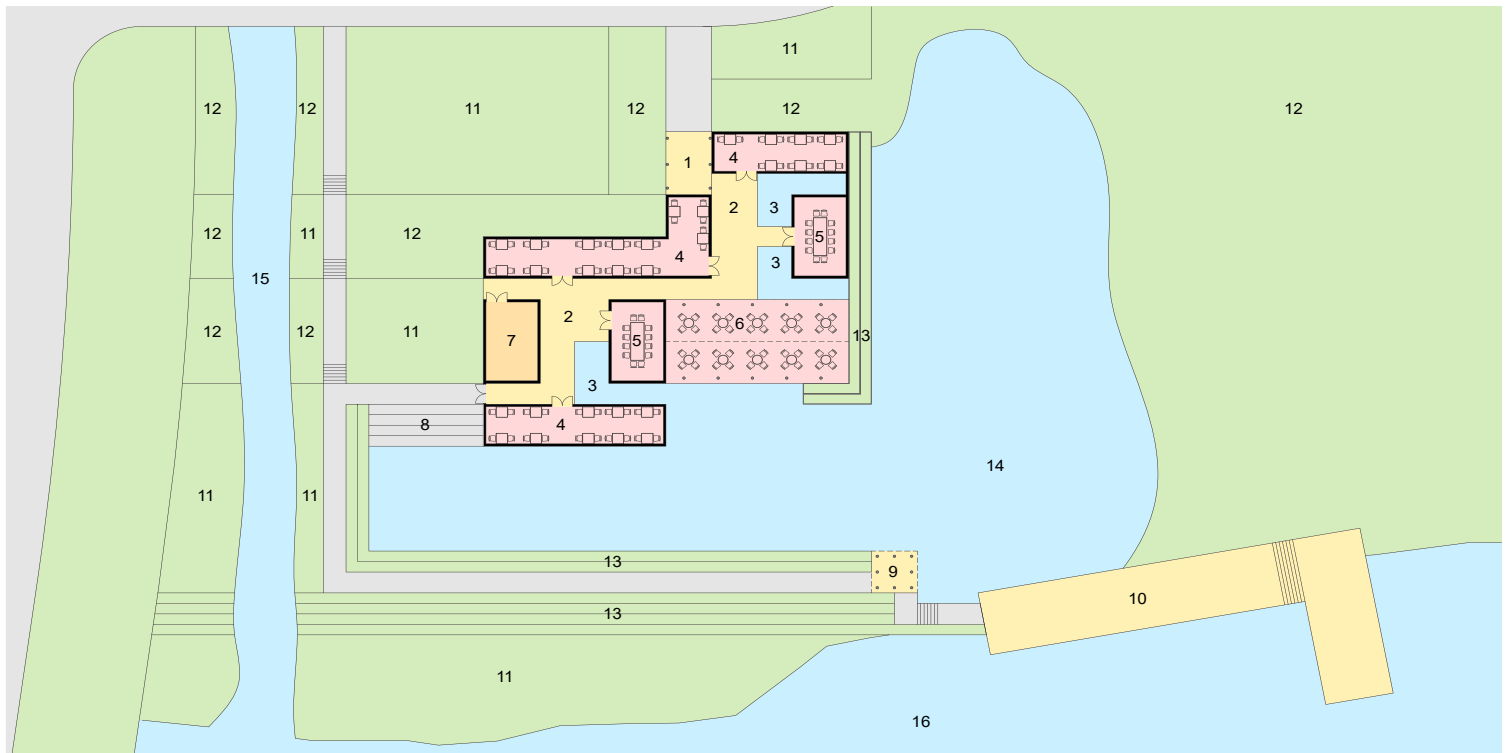
Preliminary Reception Interior Perspective



Developed Reception Interior Perspective



Bamboo Restaurant Aerial Vignette



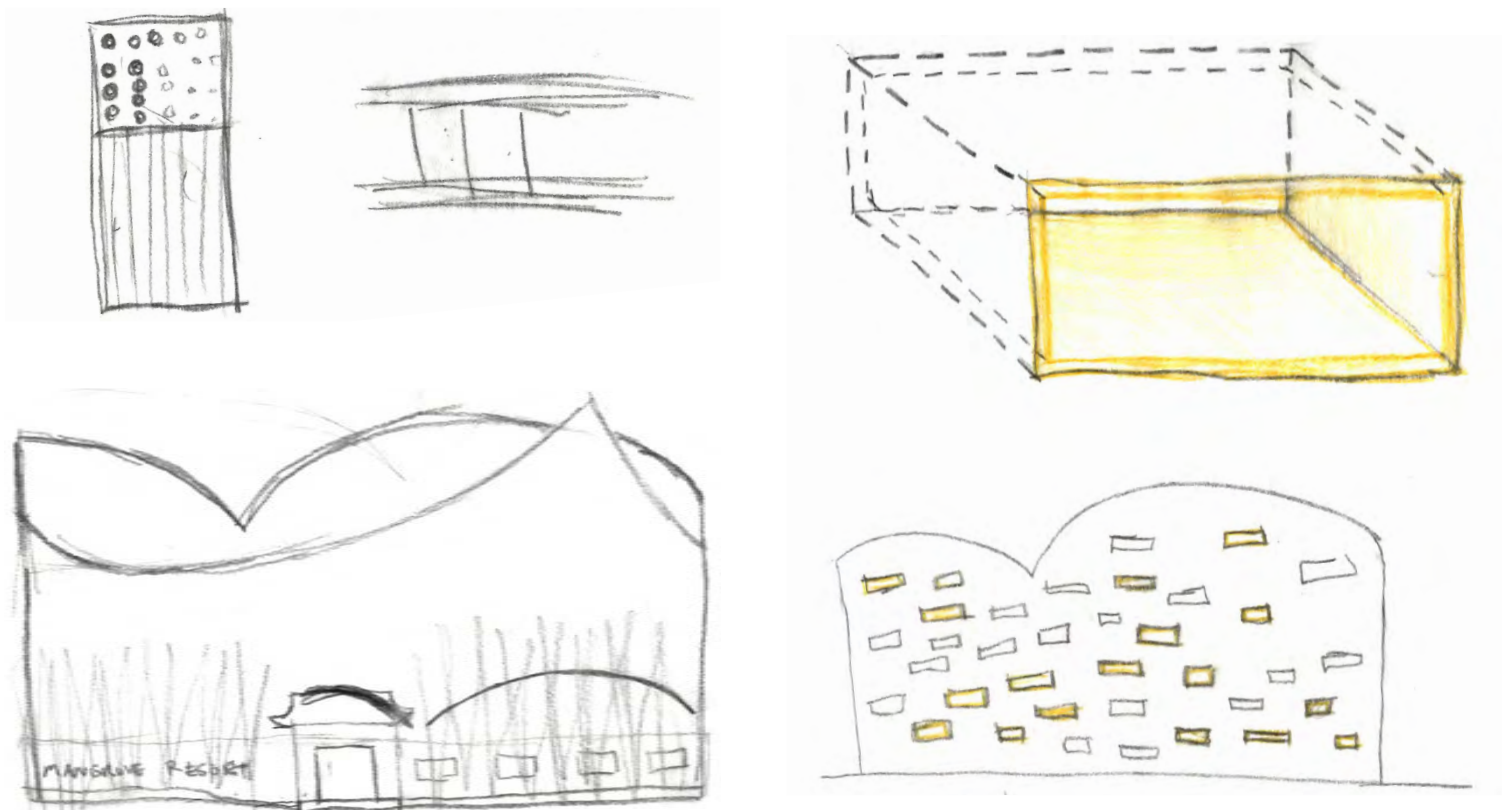
- 公共空间 Public Space
- 景观区域 Landscape
- 商业空间 Commercial
- 水景区域 Waterscape
- 服务空间 Service
- 硬质地 Hardscape

- 1. 入口 Entrance
- 2. 庭院 Courtyard
- 3. 水景 Water Feature
- 4. 餐厅 Dining Hall
- 5. 私人餐厅 Private Dining Hall
- 6. 室外餐区 Outdoor Dining Pavilion
- 7. 庭院 Courtyard
- 8. 水景 Water Feature
- 9. 餐厅 Dining Hall
- 10. 私人餐厅 Private Dining Hall
- 11. 草地 Lawn
- 12. 竹园 Bamboo Garden
- 13. 茶 Tea Terrace
- 14. 湖水 Bamboo Pond
- 15. 花园溪水 Garden Stream
- 16. 黄湖溪 Huanghu Stream

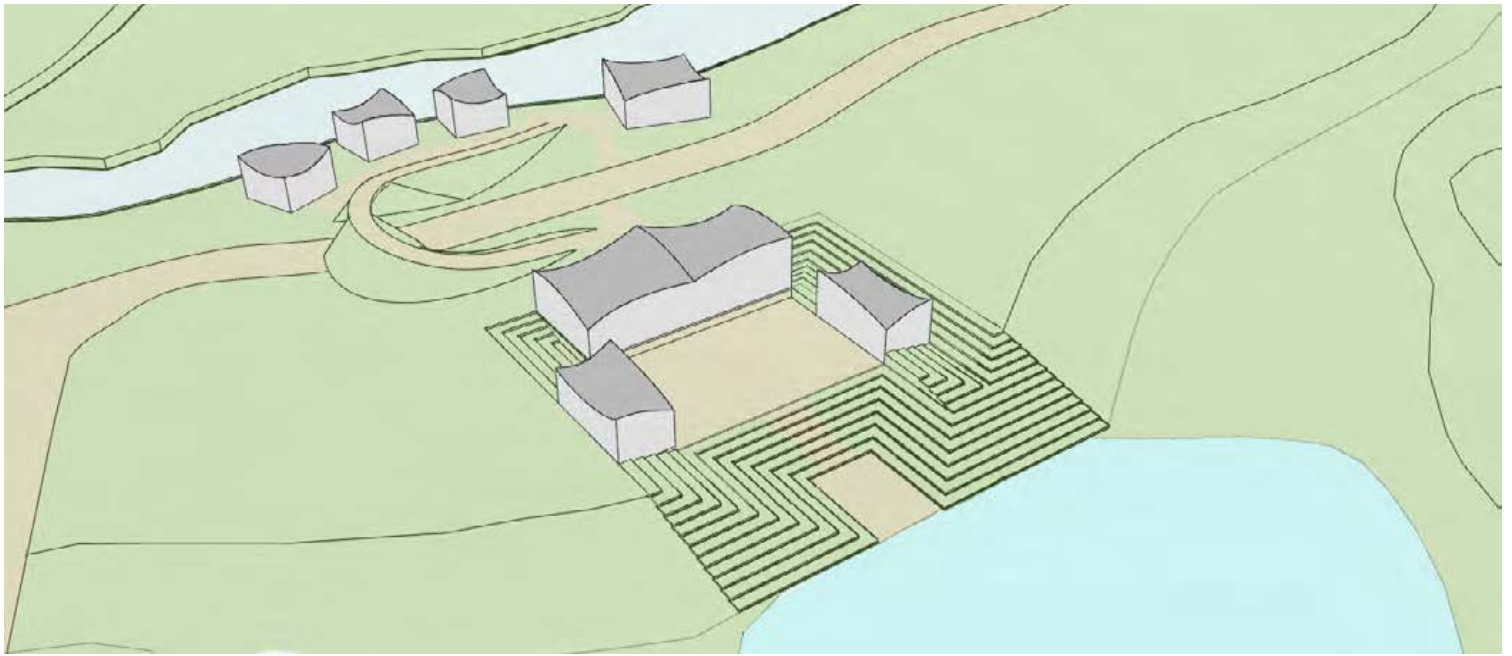
Bamboo Restaurant Site Plan



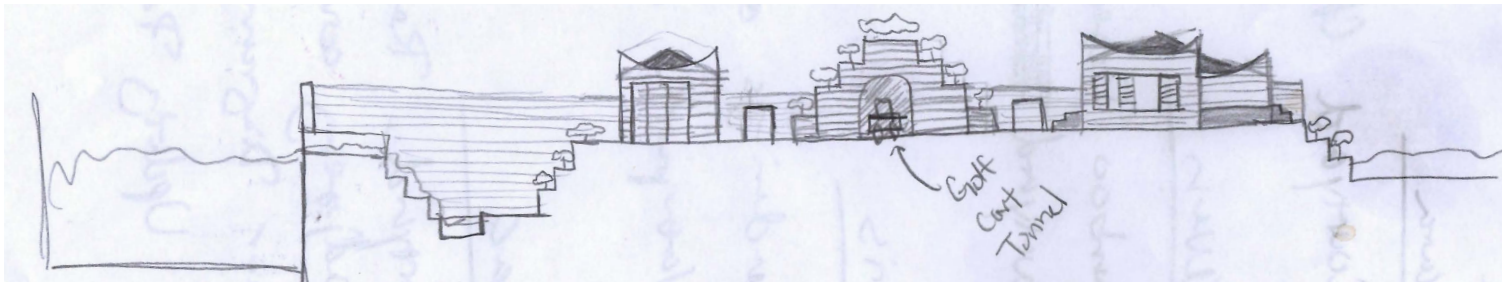
Villa Clubhouse Aerial Vignette



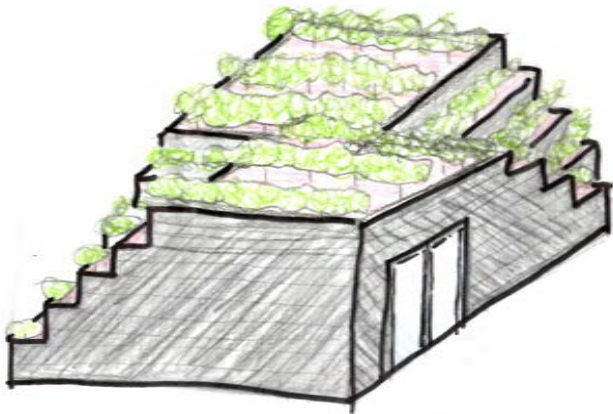
Villa Clubhouse Concept Sketches



Zen & Tea Garden Vignette



Zen & Tea Garden Sectional Sketch



Zen & Tea Garden Parti



Restaurant Island Plan Sketch



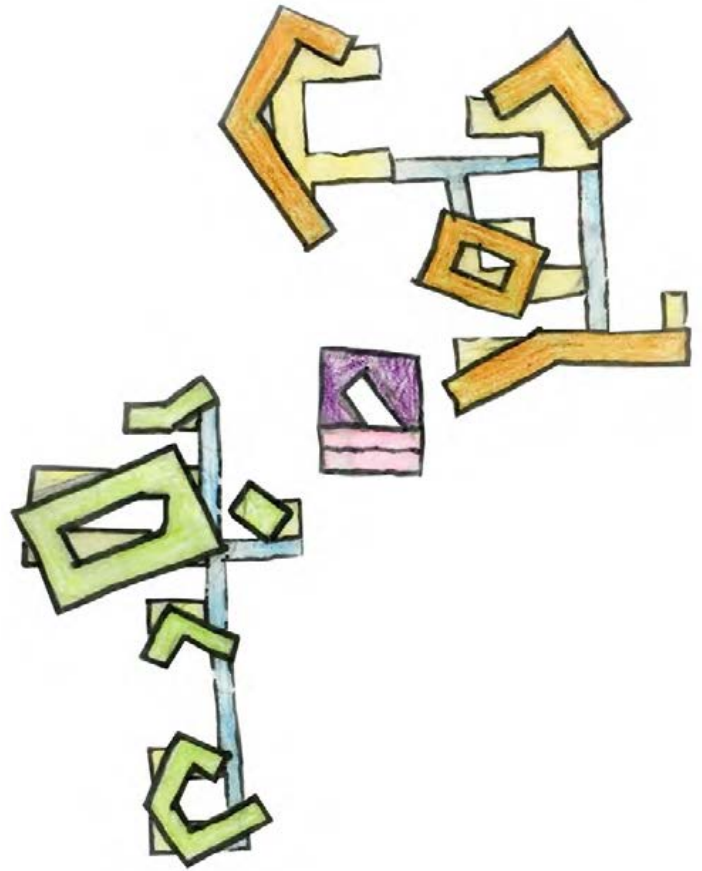
Restaurant Island Section

Shanghai Uni

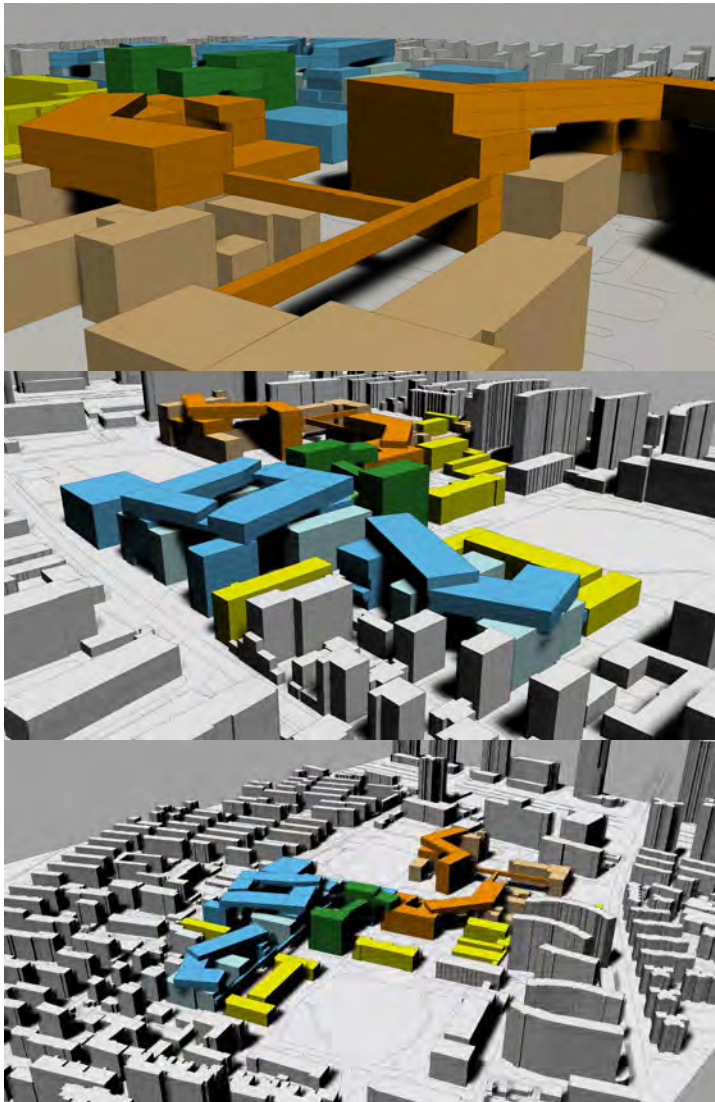
Film & Art School Campus Expansion

Film captures time. Art symbolizes time. Architecture inhabits time. Maintaining a dialogue as the university evolves with time, new buildings and open green space generate a fused campus environment. Similar to film strips weaving through a projector, new colleges bridging renovated existing structures together capture the mergence between the previous campus culture and the potential possibilities of the future.

电影记录着时光，艺术象征着岁月，建筑承载着历史。学院的岁月变迁不改建筑间的交流与联系，新建筑与绿化空间相互融合的校园环境便如电影胶片穿梭于放映机中，更新改造后的现有结构在廊桥的巧妙连接下既传承了旧校园空间又拓展了令人兴奋充满可能性的未来。



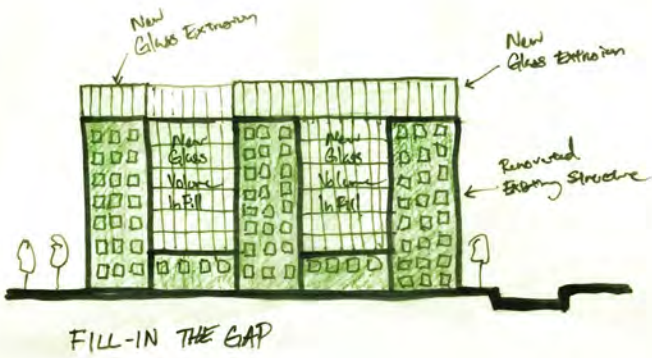
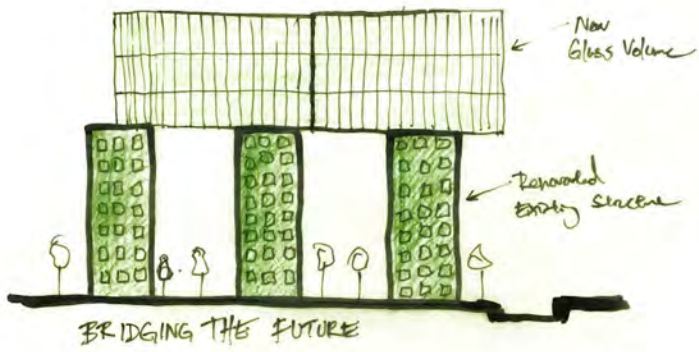
Parti Sketch



Study Model Vignettes



Concept Diagram

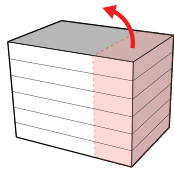


Elevation Sketches

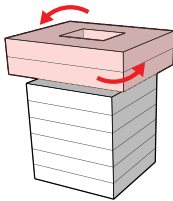


Concept Key Points

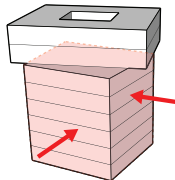
① Slice



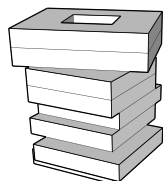
② Rotate



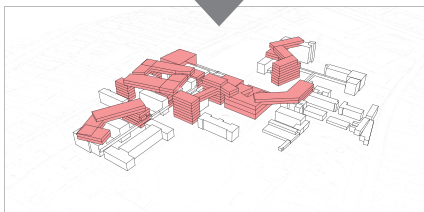
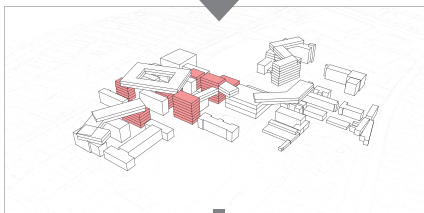
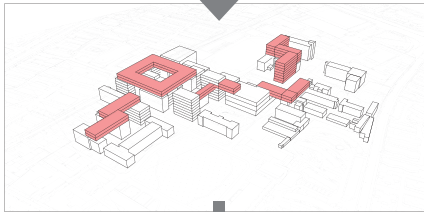
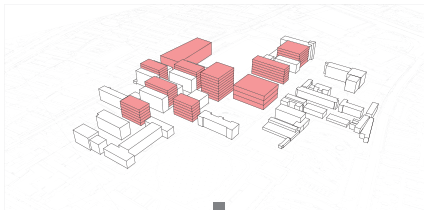
③ Shift

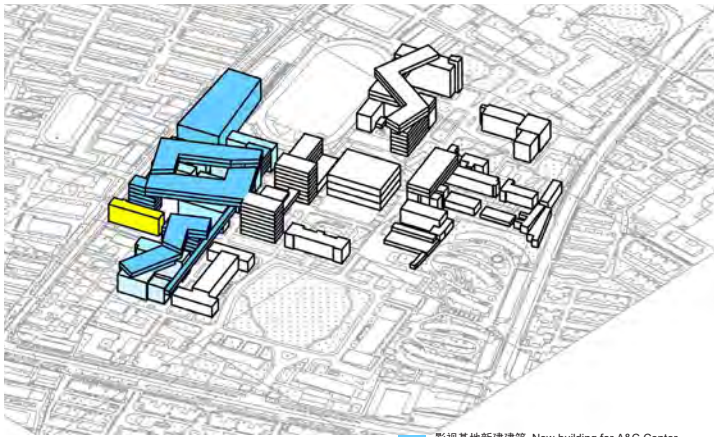


④ Form



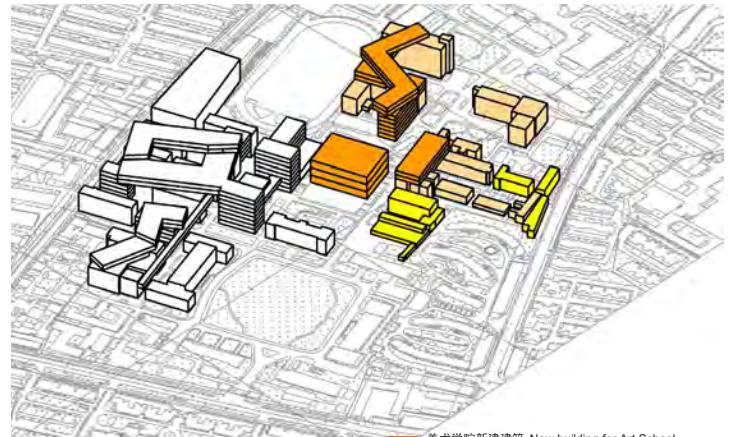
Form Sequence Diagram





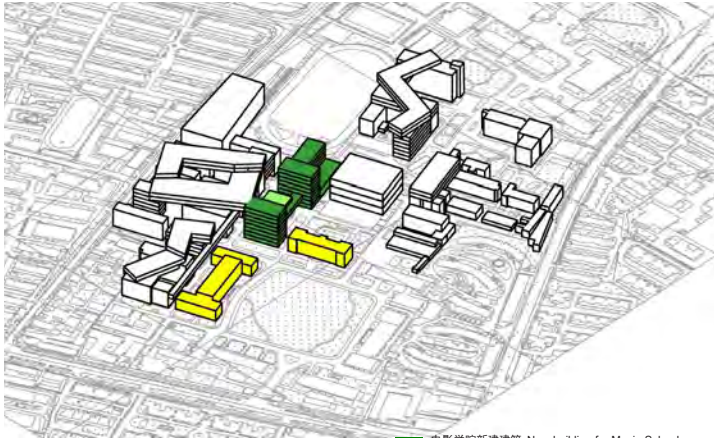
Film School Program

- 影视基地新建建筑 New building for A&C Center
- 影视基地改造建筑 Upgrade building for A&C Center
- 影视基地保留建筑 Preserved building for A&C Center



Art School Program

- 美术学院新建建筑 New building for Art School
- 美术学院改造建筑 Upgrade building for Art School
- 美术学院保留建筑 Preserved building for Art School



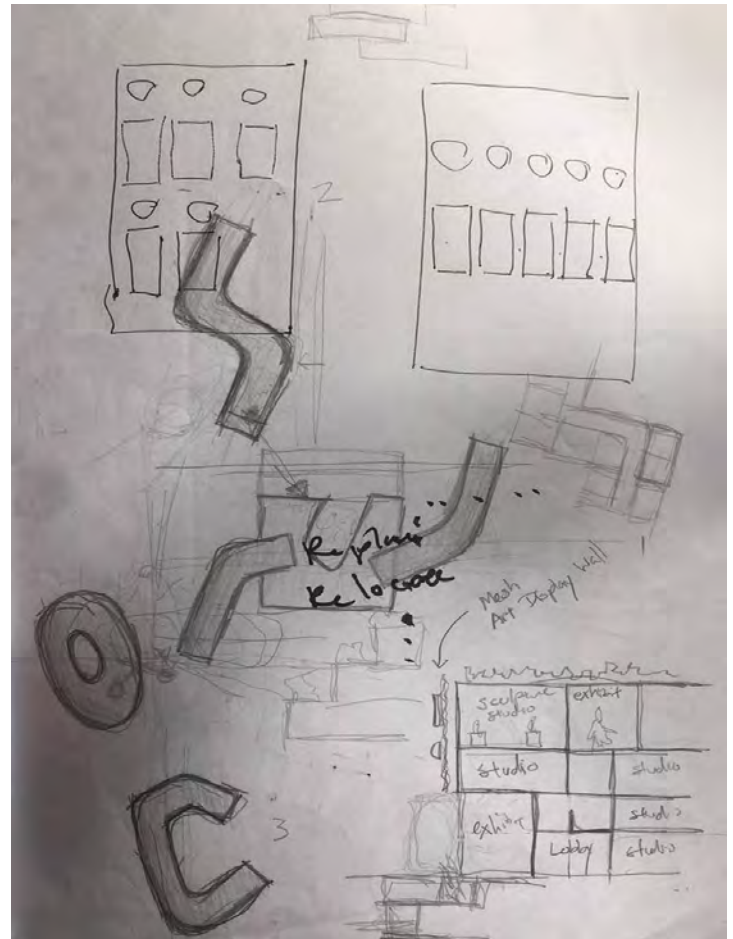
Administration Program

- 电影学院新建建筑 New building for Movie School
- 电影学院改造建筑 Upgrade building for Movie School
- 电影学院保留建筑 Preserved building for Movie School



Green Roof Diagram

- 屋顶绿化 Green Roofs



Concept Development Sketches

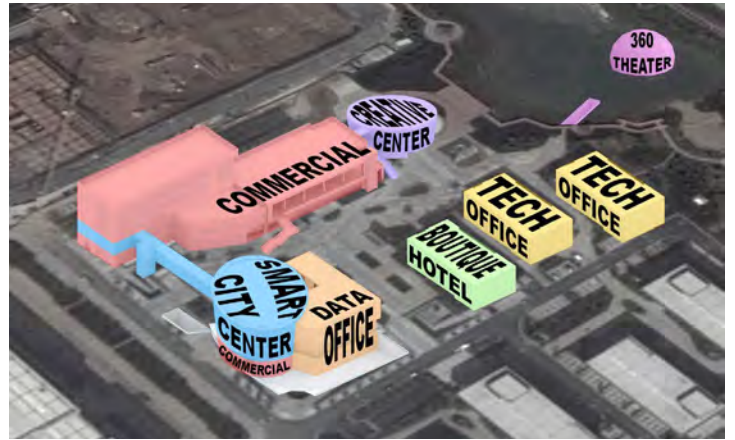
H5 SCBC

Smart City Business Center

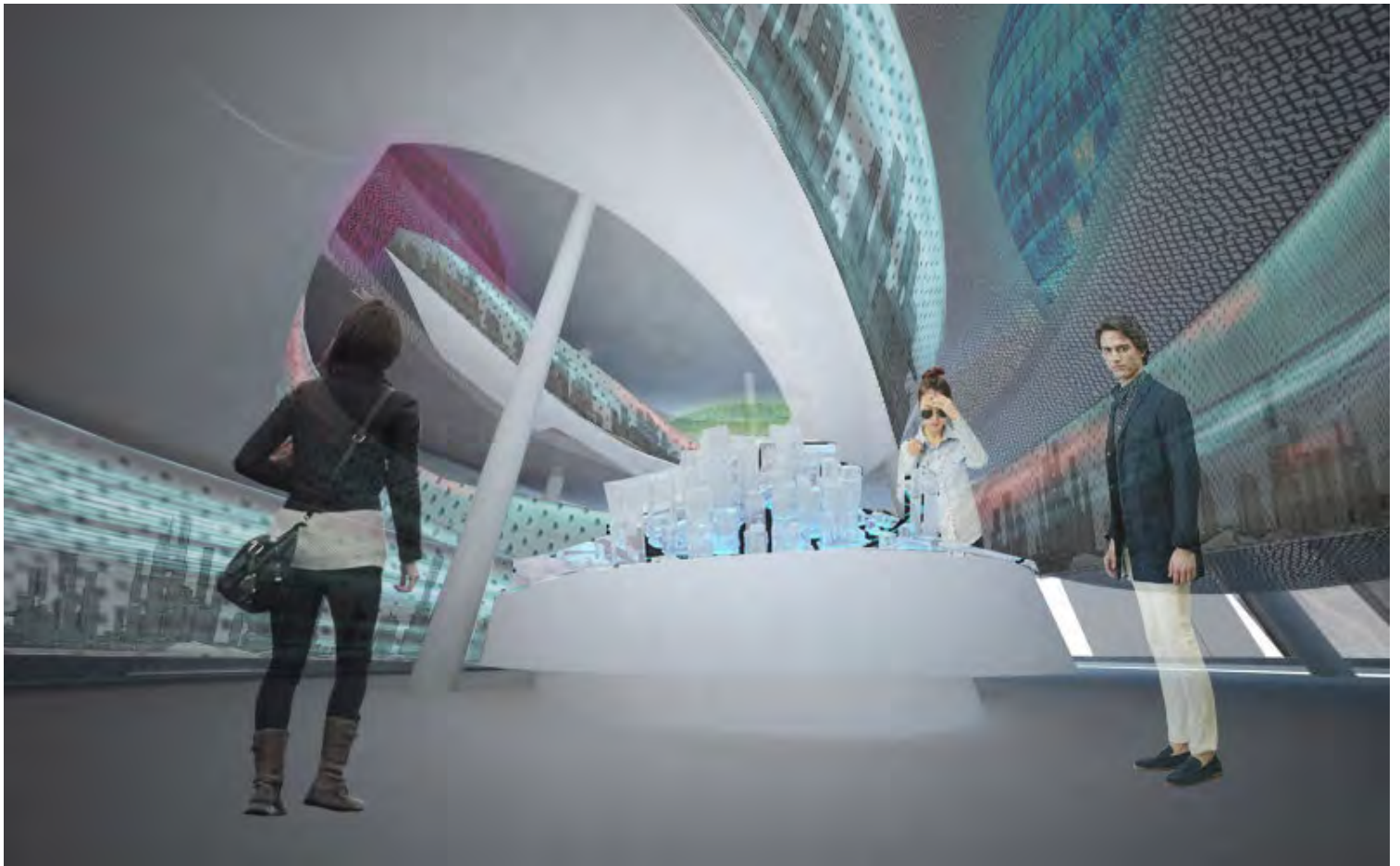
Containing all the necessities to support the local businesses and residents of Hefei-Anhui, China, H5 Smart City Business Center (H5 SCBC) functions as a lifestyle generator. Unified by a secondary metal mesh skin, two glass oval centers gleam with a LED media façade while living green walls climb over the cubic restaurants and offices. Exciting and enticing prospective businesses, the Smart Center uses high-tech equipment to exhibit the master plan for Hefei-Anhui's smart city urban expansion. Some of the technologies applied include touch responsive projections, an urban scale iModel, and virtual reality glasses. Suitable for hosting any occasion, the Creative Center's second floor houses a flexible event space; furthermore, a café and wine bar provide a platform for people to exchange innovative ideas after events.



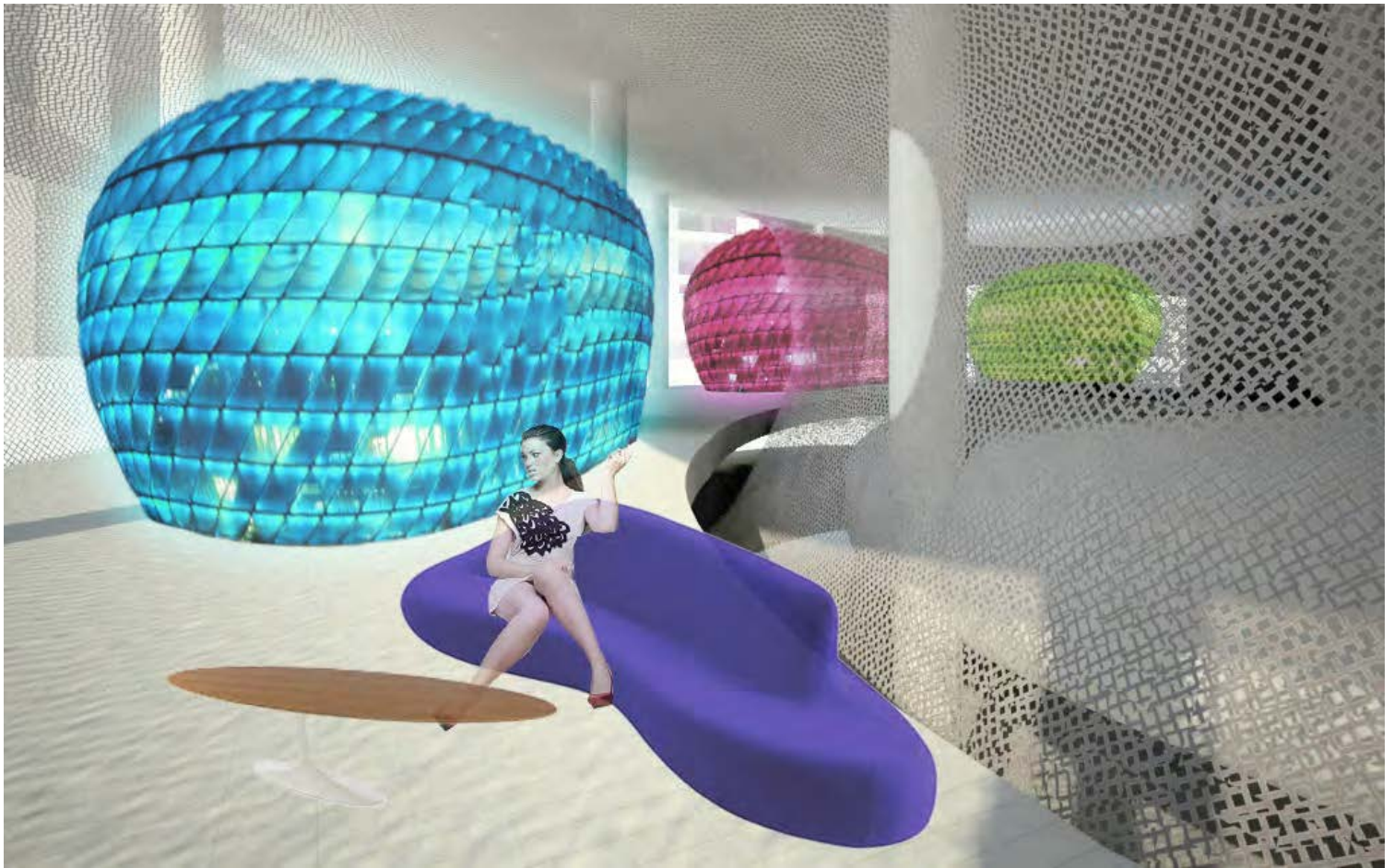
Site Strategy



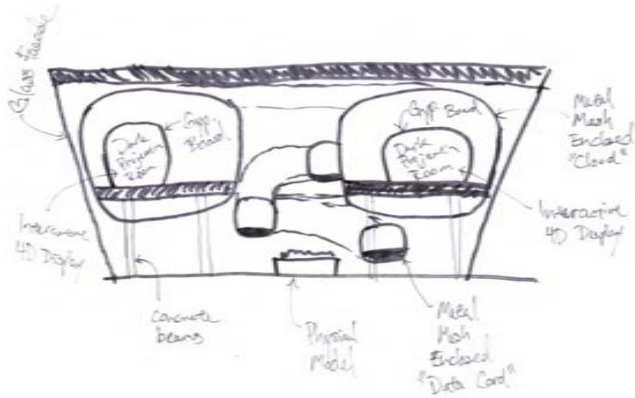
Site Model



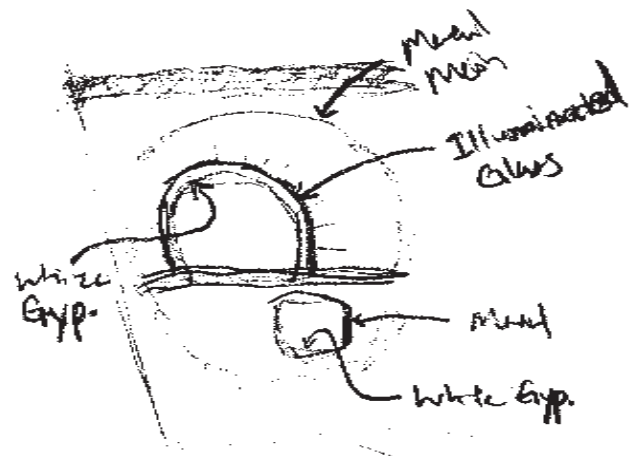
Smart Center iModel Atrium



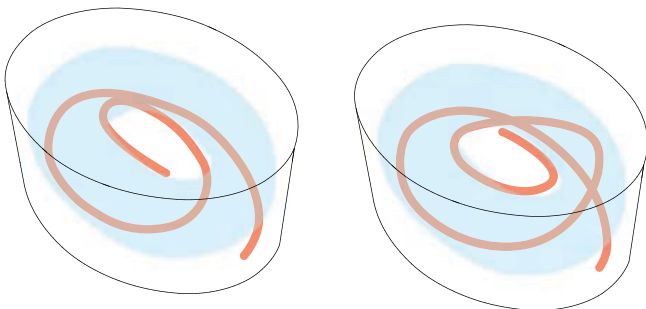
Smart Center Interactive Capsules



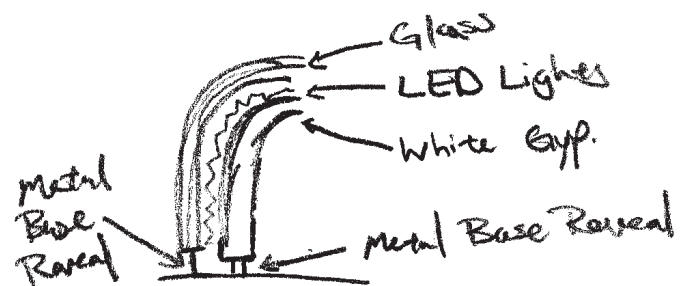
Concept Sketch



Concept Sketch



Circulation Schemes



Detail Sketch



Creative Center Lobby



Staircase Detail Sketch



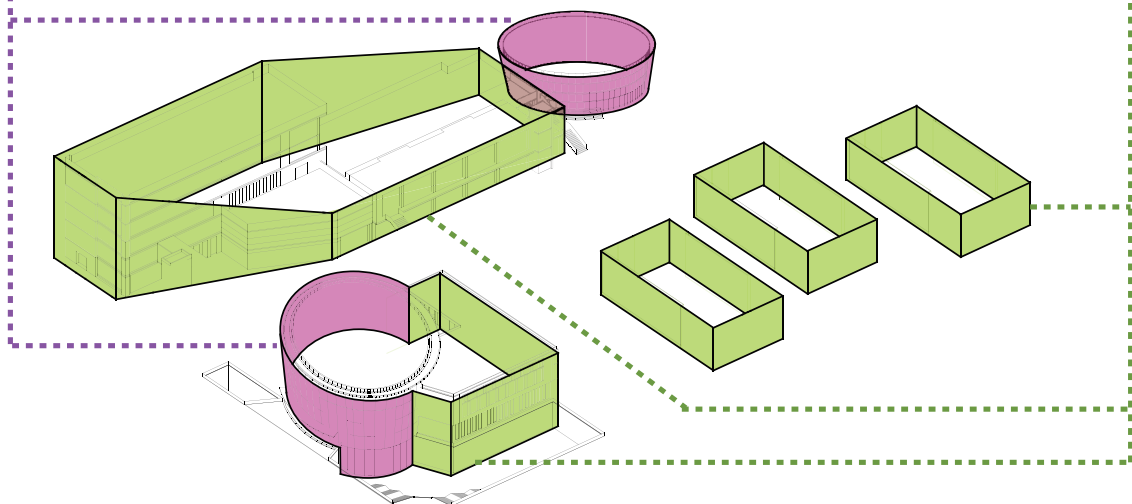
Food Court Terrace



Central Plaza



Smart Center Plaza

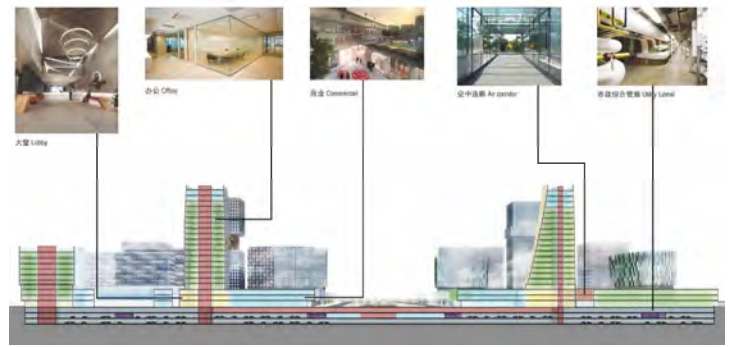


Secondary Skin Diagram

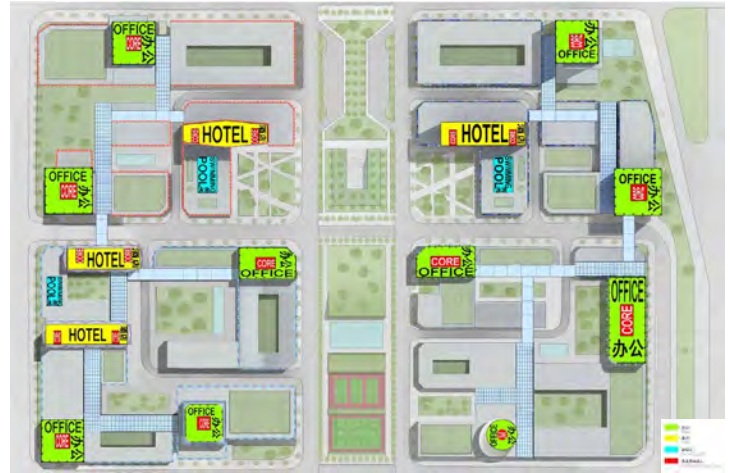
Xixian New Area

Urban Development

Sited outside Xi'an, China, Xixian New Area is a diversely programmed planned city center. Design proposals for four separate iconic city blocks and a central median parkway were developed. The program functions of the buildings on each block include: commercial, office, mixed-use, and hotel. Furthermore, each city block has one high-rise tower making it the focal point of each parcel. Creating a commercial podium for the mid-rise and high-rise towers to rest on, the lower buildings contain various commercial activities. An all-weather glass arcade bisects the blocks and connects the main structures together. Furthermore, skybridges link parcel 1 with 4 and parcel 2 with 3. Similarly, a subterranean continuous corridor loop connects all four high-rise towers to one another. Open space, green roofs, street arcades, and tree-lined streets are other key urban strategies utilized.



Transverse Section



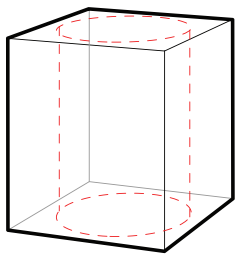
Typical Floor Plan



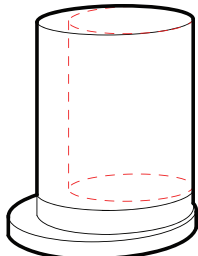
Night Time Aerial



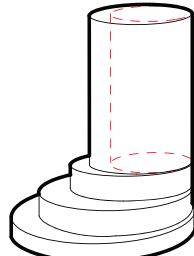
Parcel 1 Aerial



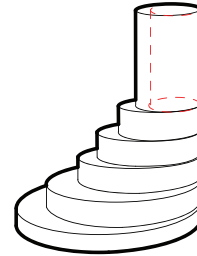
1



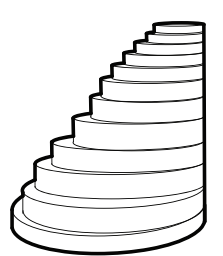
2



3

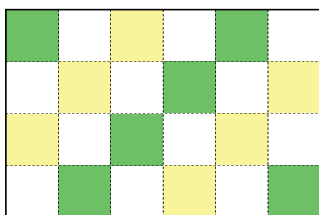


4

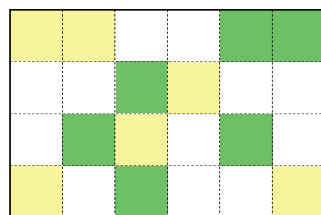


5

Tower Form Diagram

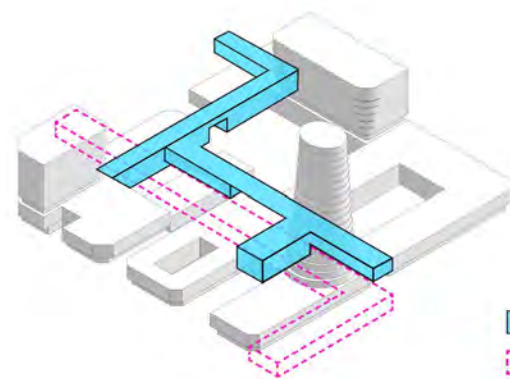


1



2

Commercial Skin Diagram

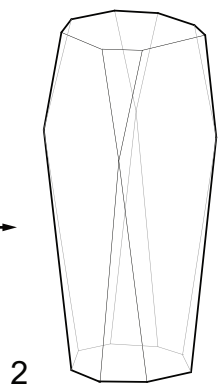
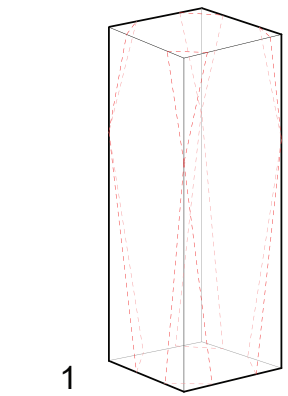


Sky Bridge
天橋
Underpass
地下通道

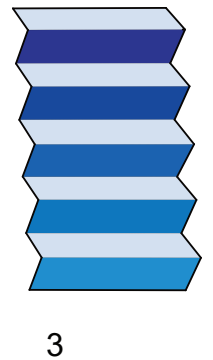
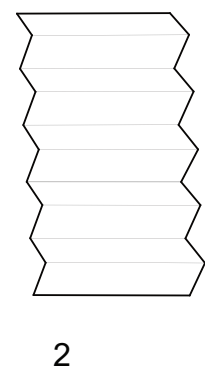
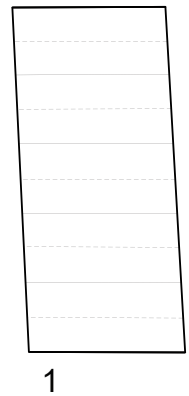
Circulation Diagram



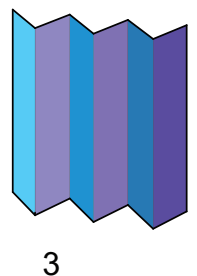
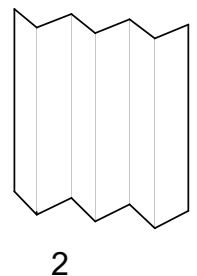
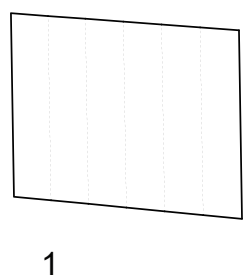
Parcel 2 Aerial



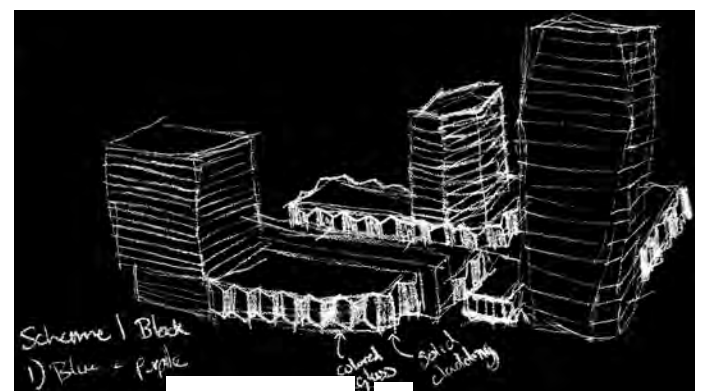
Tower Form Diagram



Tower Skin Diagram



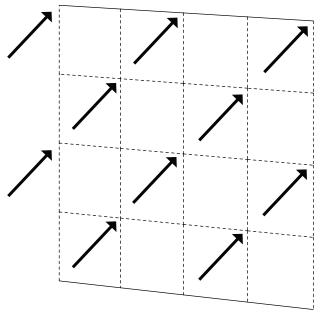
Commercial Skin Diagram



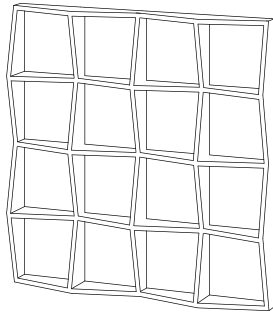
Concept Sketch



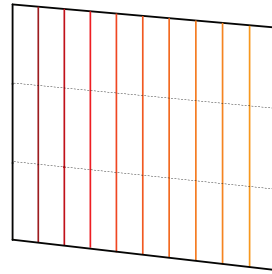
Parcel 3 Aerial



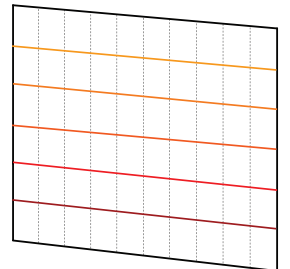
1



2



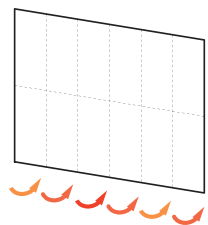
1



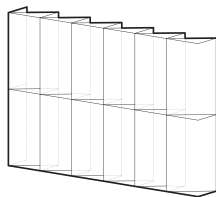
2

Hotel Skin Diagram

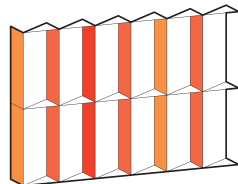
Office Skin Diagram



1

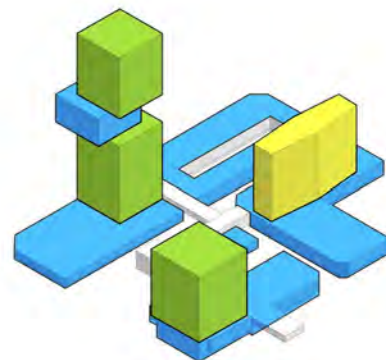


2



3

Commercial Skin Diagram

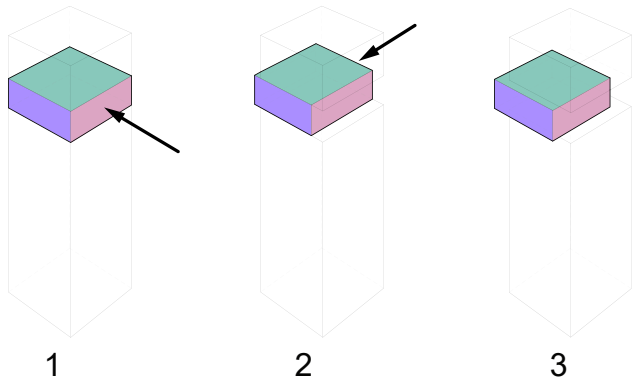


Office
办公
Commercial
商业
Hotel
酒店

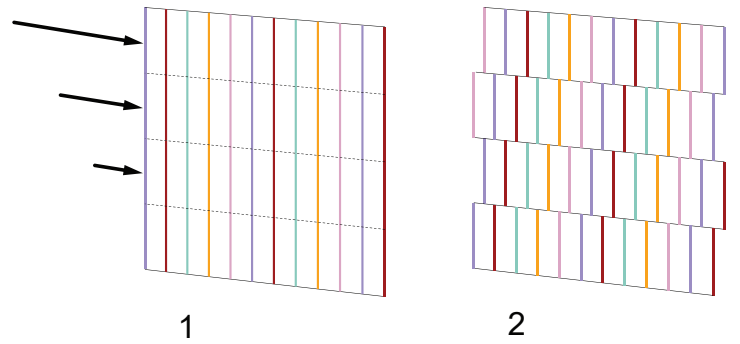
Program Massing Diagram



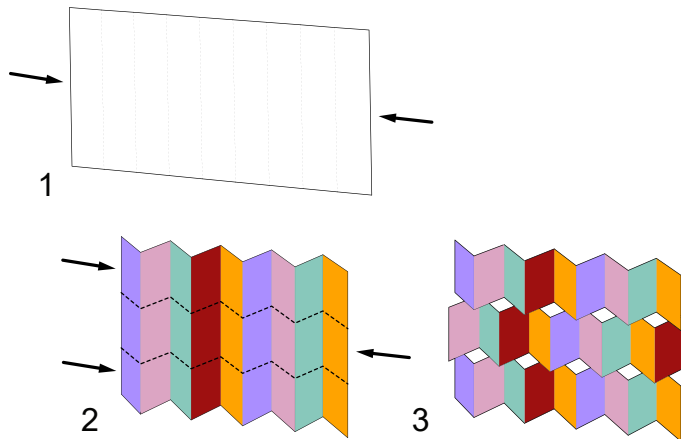
Parcel 4 Aerial



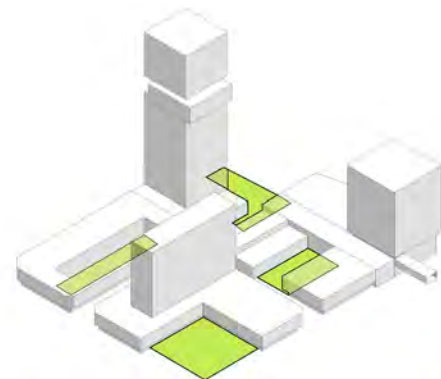
Tower Form Diagram



Office Skin Diagram



Commercial Skin Diagram



Open Space Diagram



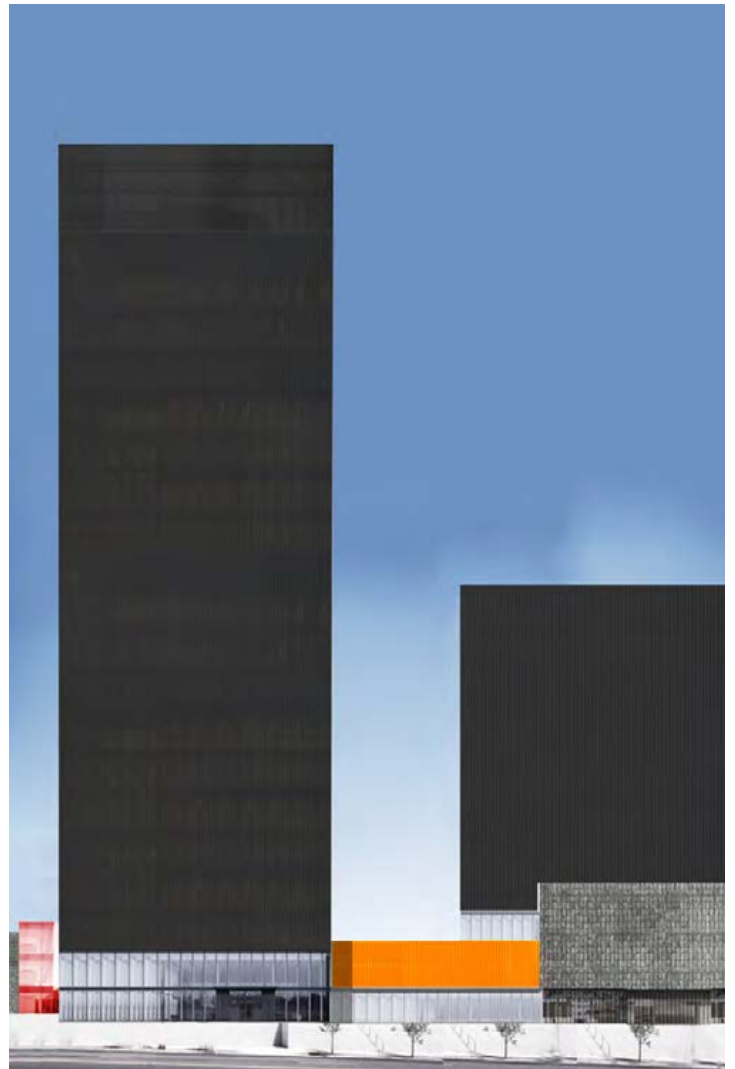
Parcel 4 Eastern Elevation



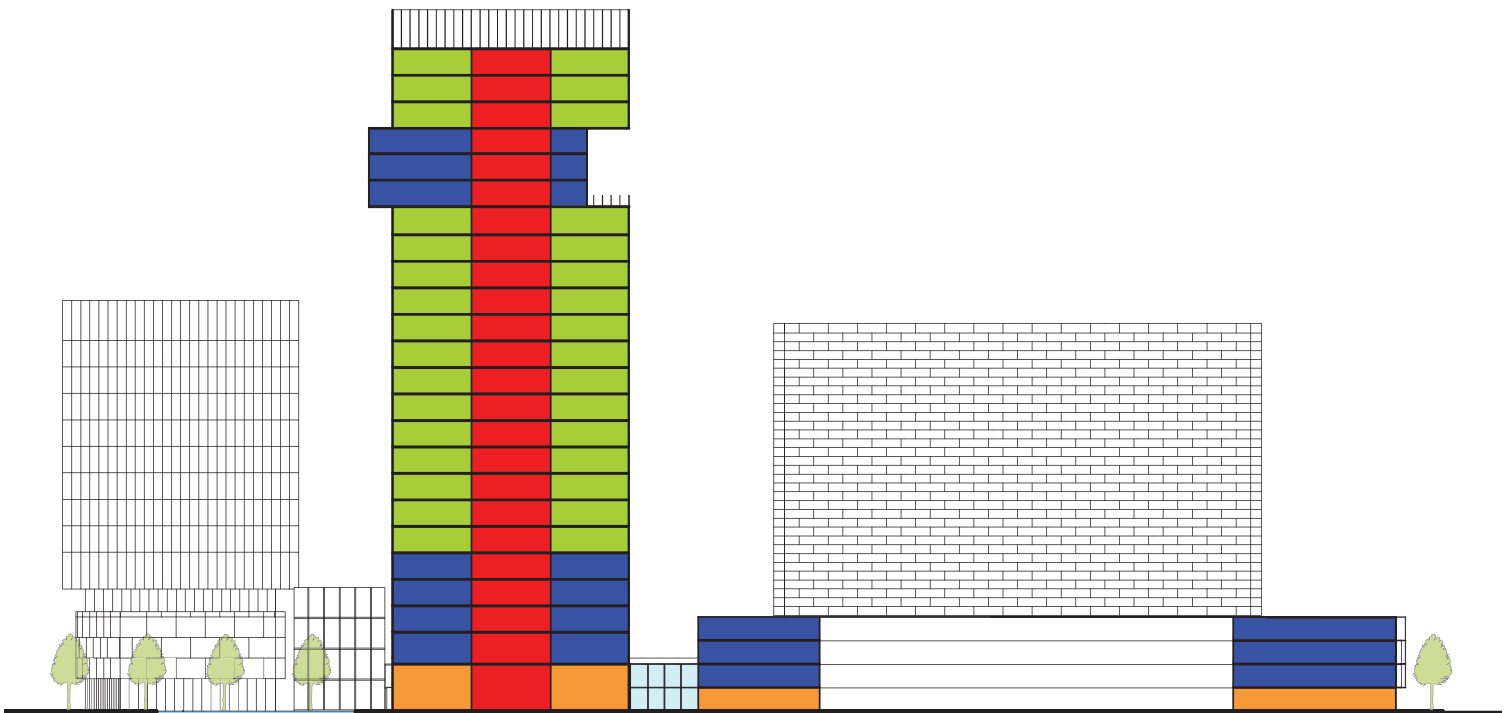
Parcel 4 Western Elevation



Parcel 4 Plaza



Concept Elevation



Parcel 4 Transverse Section



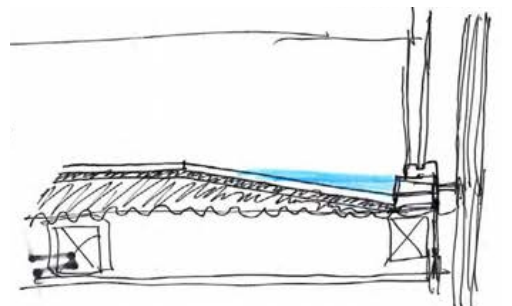
Parcel 4 Skybridge



Parcel 4 Lobby



Lobby Concept Sketch

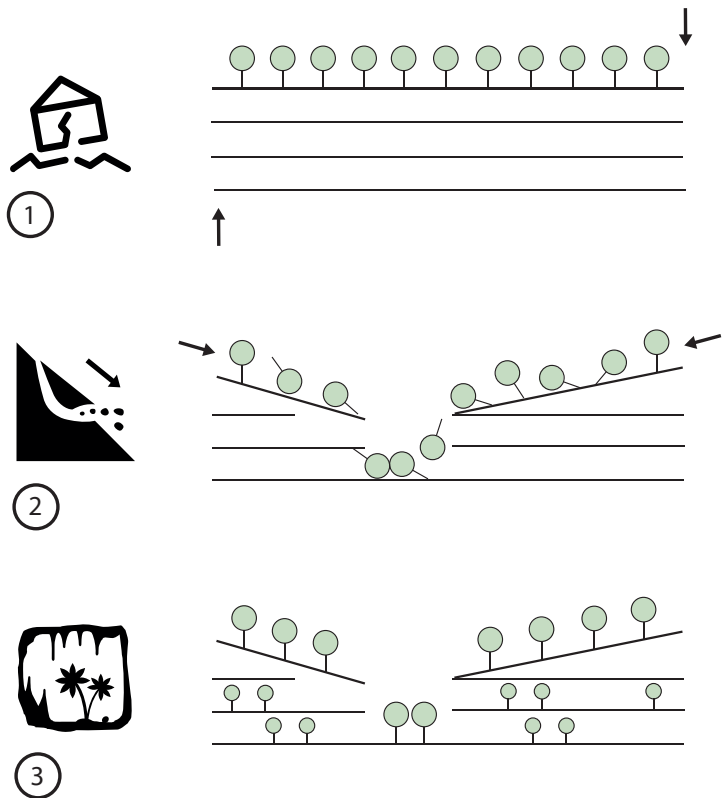


Detail Sketch

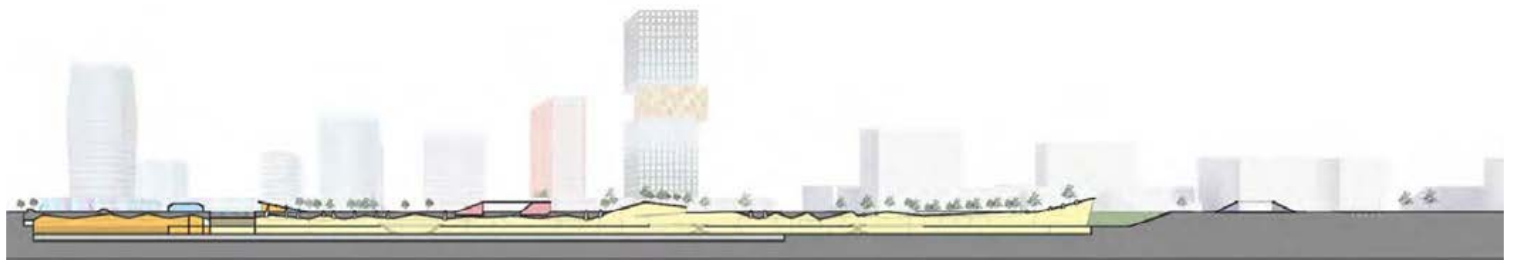
Xixian GreenMall

Urban Landscape

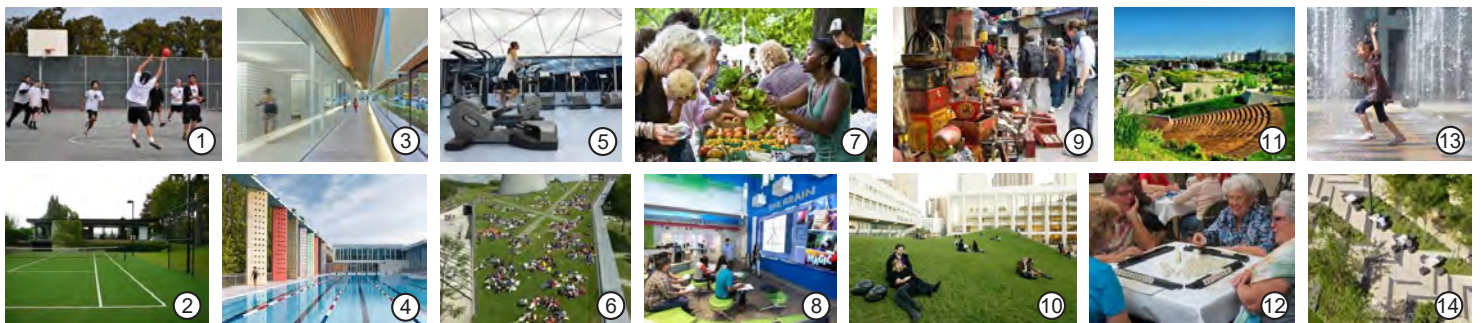
Xixian GreenMall is a central median parkway at the Xixian New Area urban development near Xi'an, China. Initially, the land was designated as open landscape with vegetation. Generating symbiotic activity with the adjacent urban program, the proposal segments the parkway into four civic zones: Sports Center, Animation Center, Amphitheatre, and Community Center. Submerged in a botanical garden, a subterranean commercial shopping mall and international food court connect to surrounding building sites via all-weather circulation corridors. Land formations resulting from earthquakes and landslides (i.e. faults, caverns, cliffs, and jagged ridges) inspired the concept for the site landscape and architecture. Theoretically, the land opened during such natural phenomenon allowing daylight and greenery to penetrate the subterranean space.



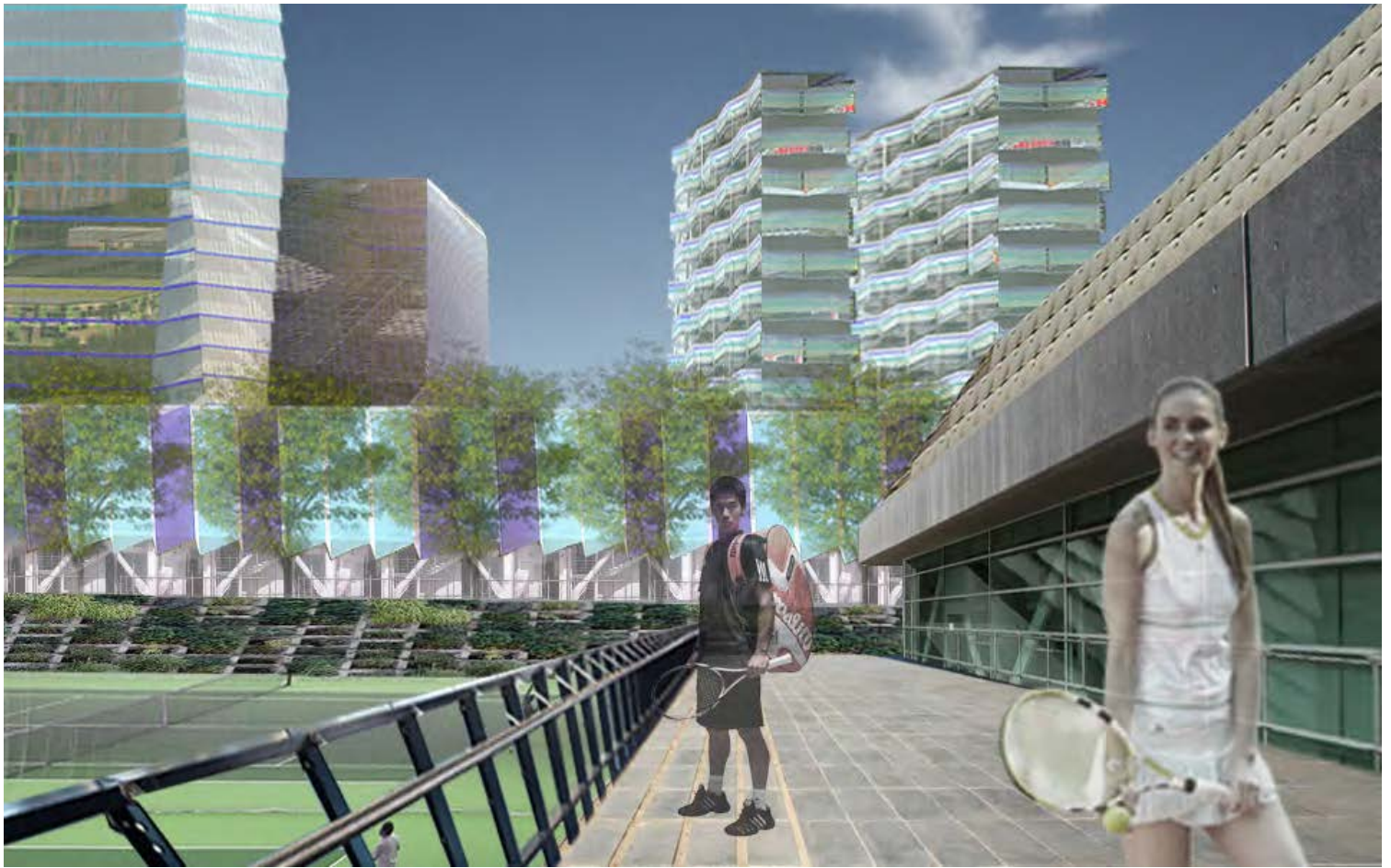
Landform Concept Diagram



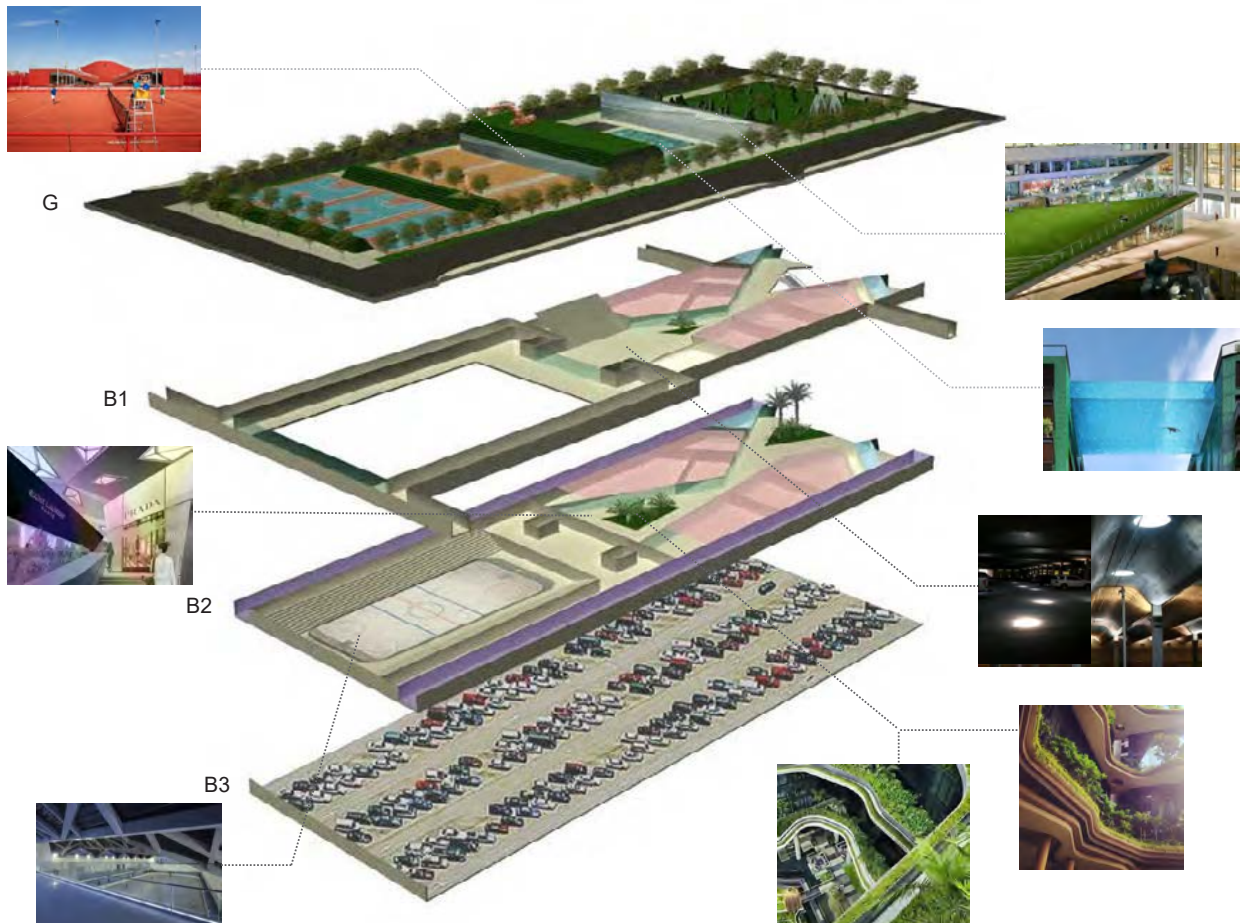
Longitudinal Section



Urban Landscape Plan



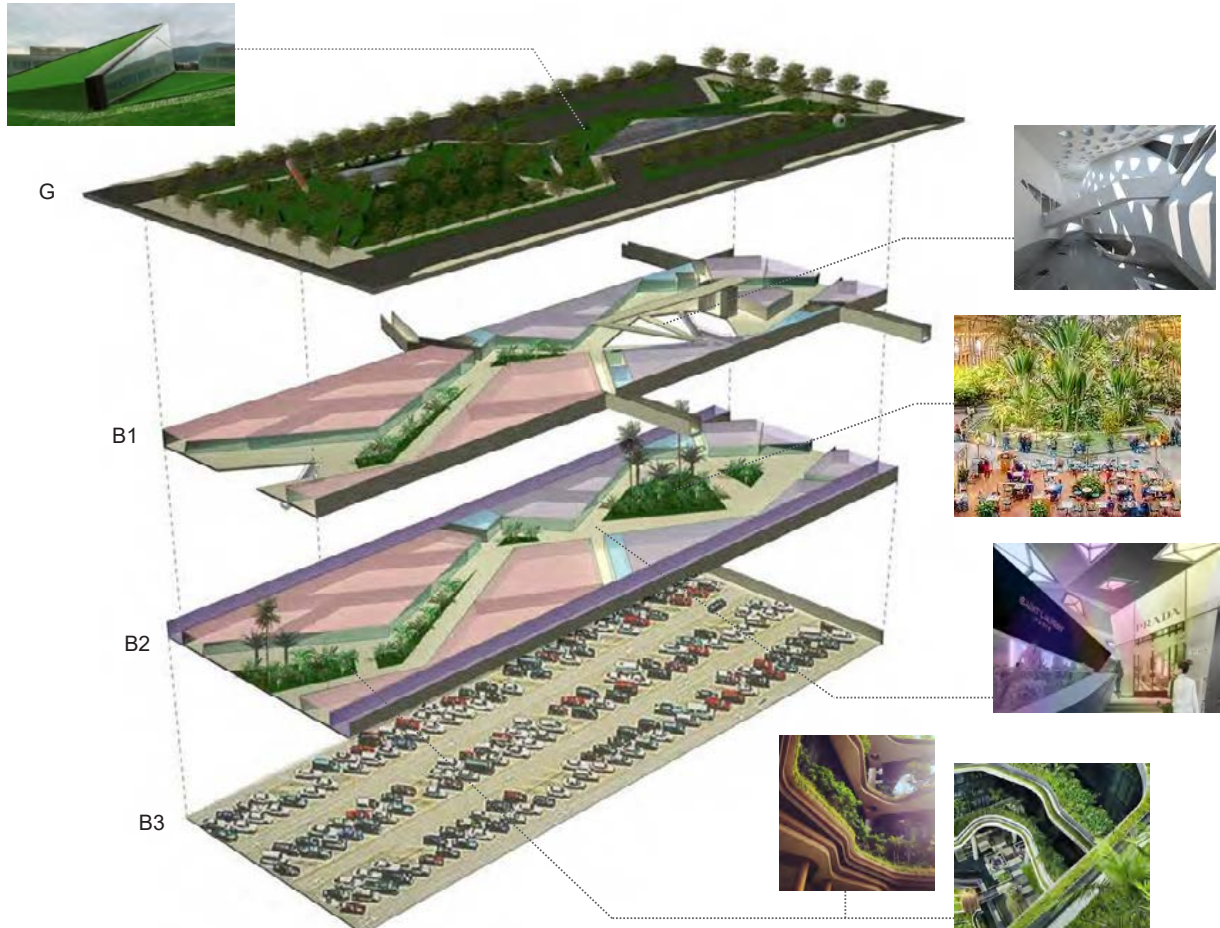
Tennis Courts



Sports Center Exploded Axon



Shopping Mall Interior



Animation Center Exploded Axon



Civic Park

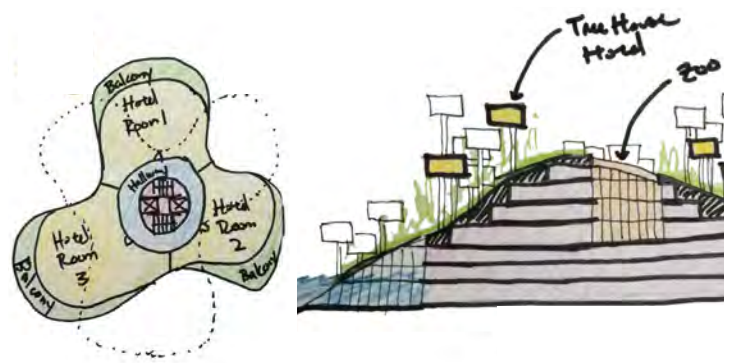


Amphitheatre

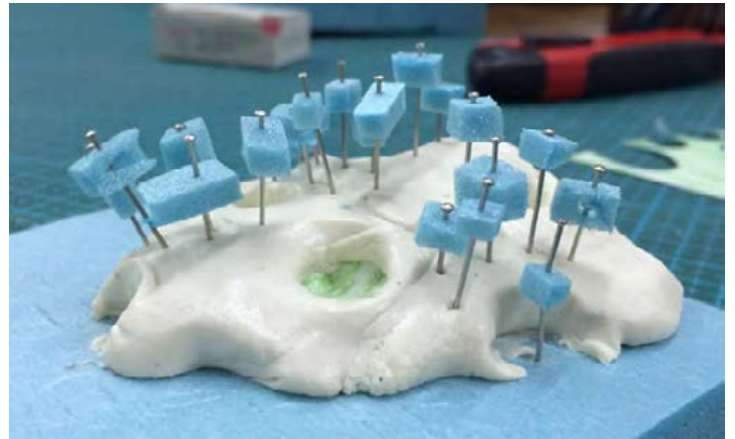
Chuanlord TreeHouse

Zoo Park & Resort

Part of a large-scale theme park development in Chenzhou, China, Chuanlord TreeHouse is a resort integrated with a zoo park on the Leishui River. Secluded on an island, guest must ride long-tail boats down narrow waterways to access the resort. The topography of the island is a constructed landform building mimicking the mountains and valleys along the riverbank. Circular pockets across the landform building open to contain exotic wildlife and aquatic exhibits. Behind the vertical glass curtain walls of the circular exhibits, commercial activities and public walkways view onto the animals below. Treehouses covered in vegetation grow and soar out of the landform hillside. Guest rooms and skywalks high-above allow private panoramic views of the Hunan landscape and zoo exhibits. Similarly, hanging along the steep cliffs a second typology of cliff house resorts provides an alternative viewpoint. Chuanlord TreeHouse merges modern luxury with natural wilderness.



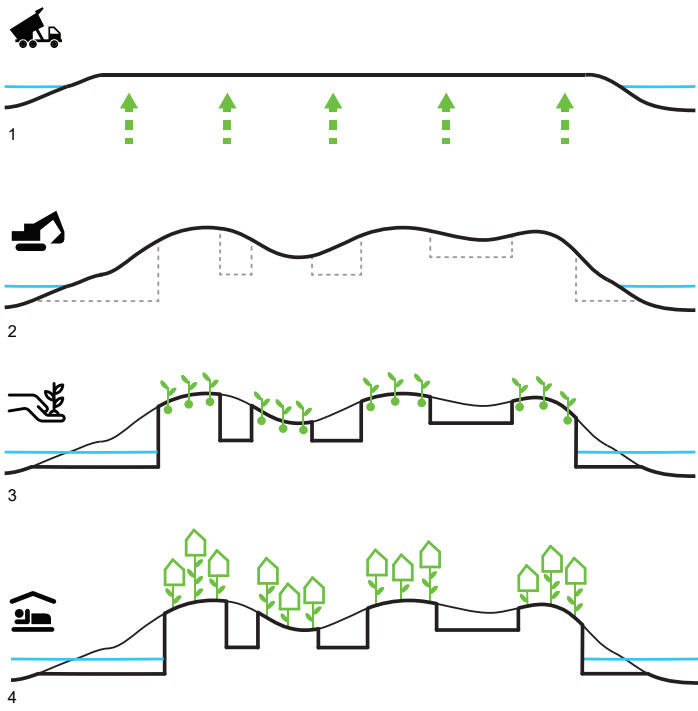
Concept Sketches



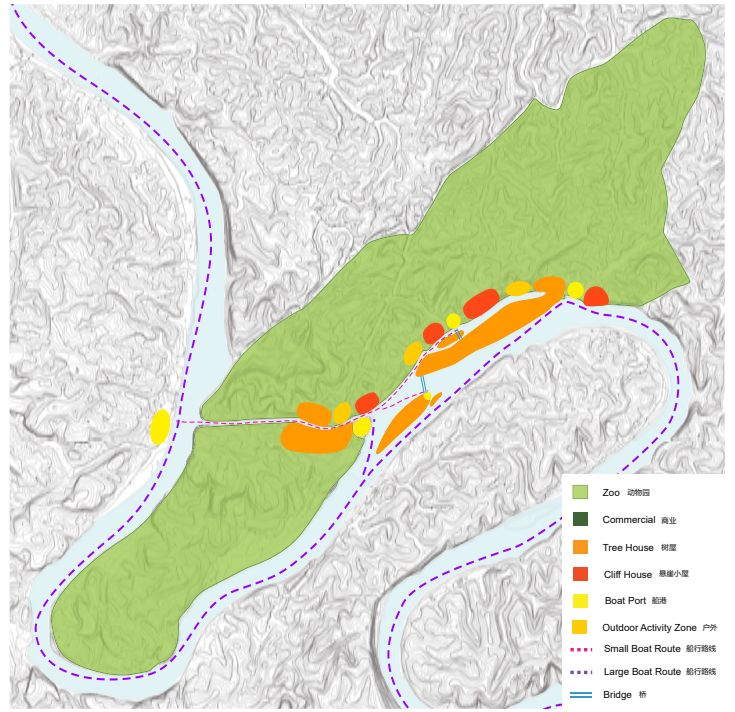
Parti Model



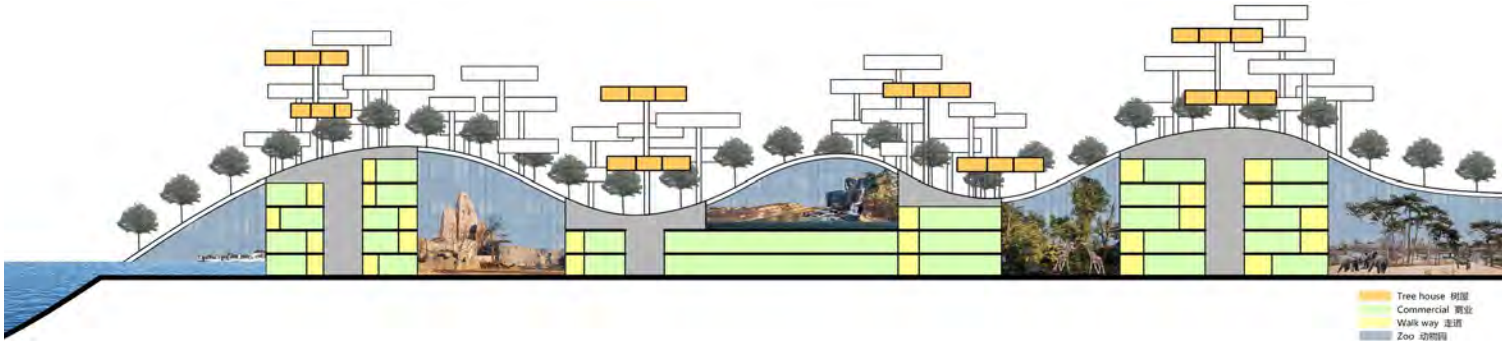
Great Ape Waterway



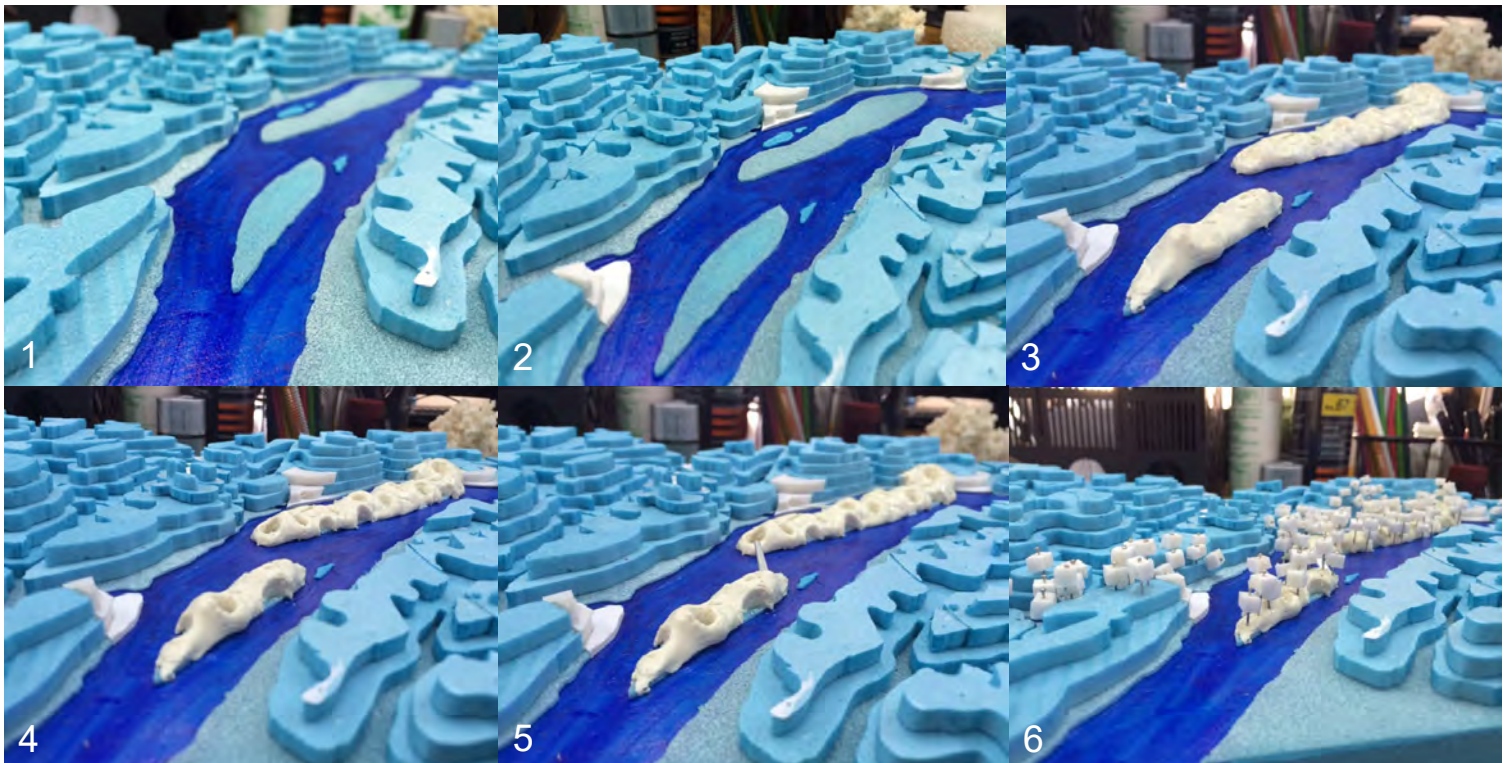
Landform Concept Diagram



Site Strategy Map



Programmatic Section



Site Development Model



River Island Resort



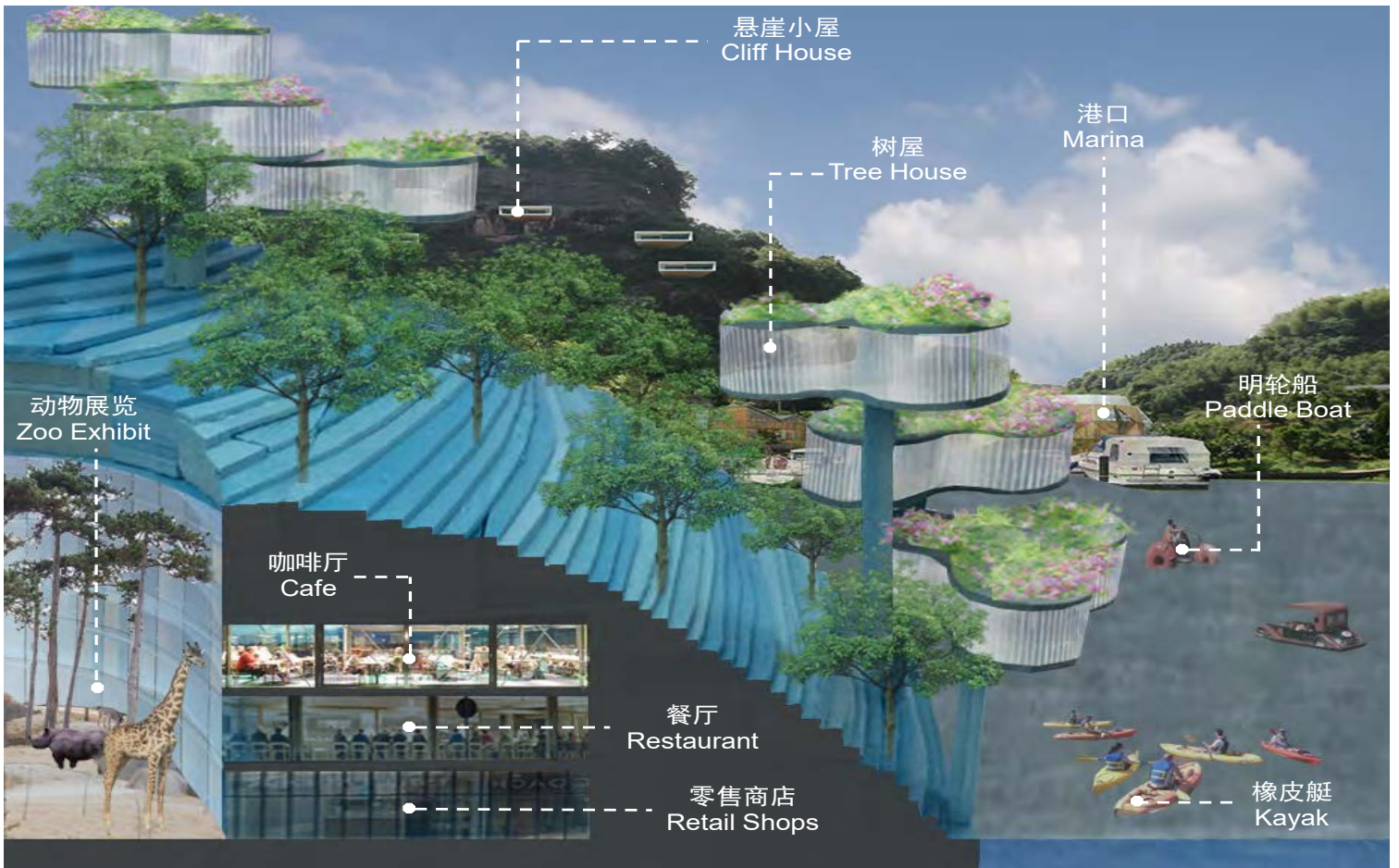
River Island Resort Reservoir



Marina Club House



Reservoir Marina & Zoo Park



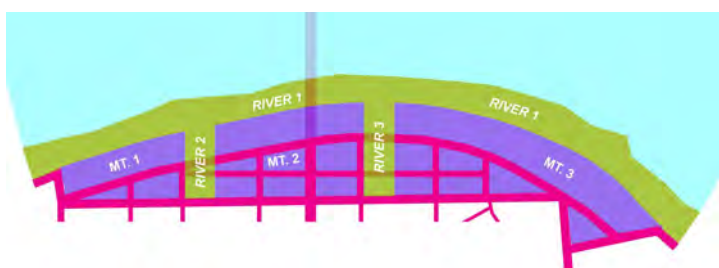
River Island Model Collage

3 by 3 Changde Bund Urban Plan

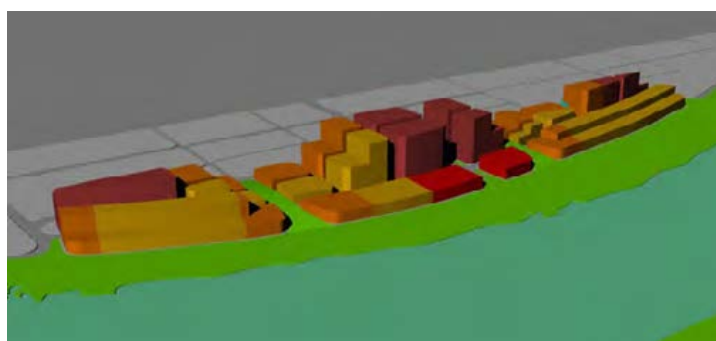
Influenced by the local culture of Changde, China, and strategized for an international market, 3 by 3 Changde Bund is a new urban development planned on the southern banks of the Yuanjiang River. Three mountains meeting three rivers, the geographical location of the site is an omen of good luck in Chinese culture. Inspired by its natural setting, the city is planned with three clusters of high-rises, mountains, separated by three green parkways, rivers. Maintaining expansive panoramic views, the mountains of building towers cascade toward the riverbank and parkways below.



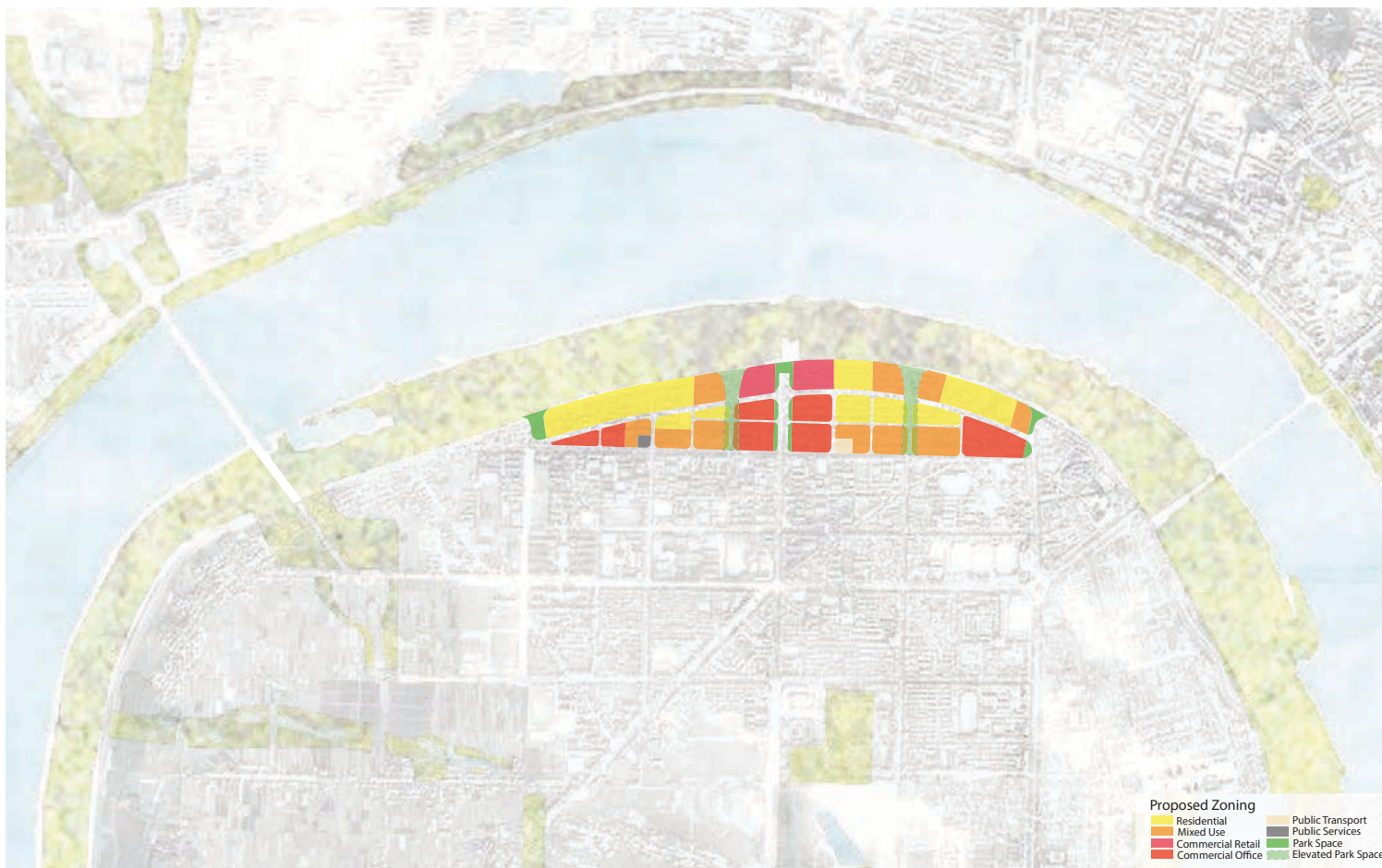
Site Location Map



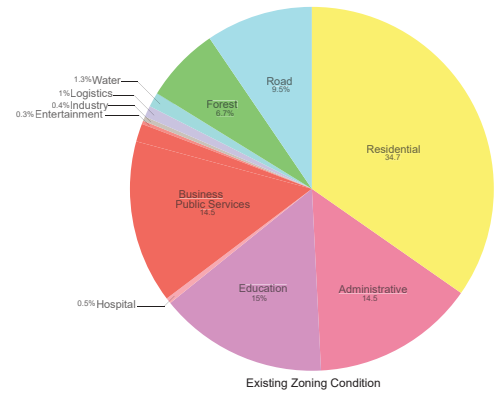
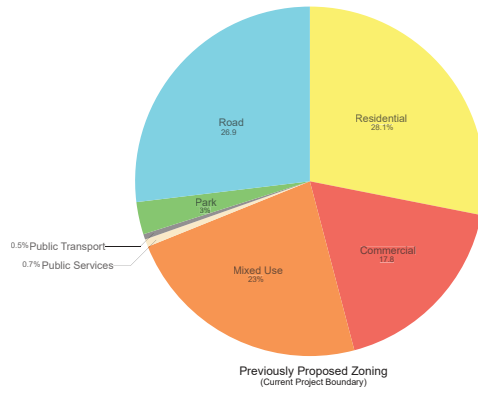
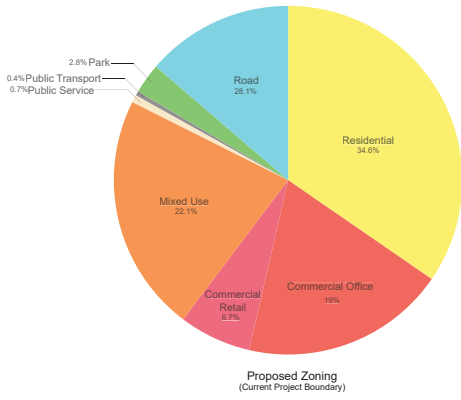
Concept Plan



Zoning Height Study



Proposed Zoning Plan

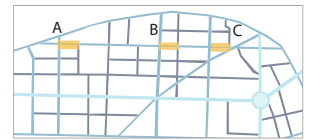


Zoning Charts



Street Elevation Condition

- Residential
- Commercial
- Administrative



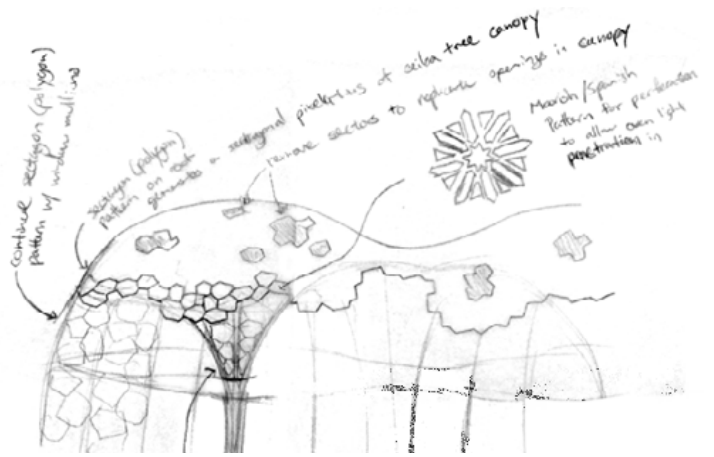
Street Elevation C Diagram



Traffic Analysis

Bata International Airport Airport Terminal

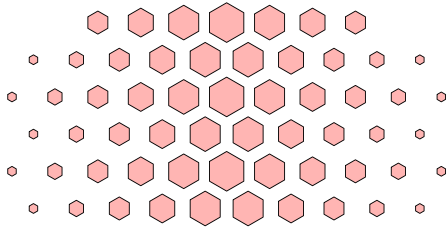
Along the Atlantic coastline of Bata, Equatorial Guinea, Bata International Airport is the sole commercial airport of the new capital city. The biological form of the ceiba tree along with other symbols of Equatorial Guinea's national identity inspired the concept. By studying gothic cathedral vault ribs, a form was generated resembling the ceiba tree's fanned branches. The vertical structural components symbolize the branches, while the roof symbolizes the canopy of leaves. Influenced by Spanish shapes and patterns, a field of diamond units roll across the roof structure; hexagonal glass curtain walls weave through the terminal interior. Mimicking sunlight beaming through the dense canopy of a ceiba forest, the diamond units randomly dissipate to multi-shaped skylights for daylight to penetrate the interior terminal and botanical gardens. The surrounding topographic landscape design of the airport shadows the terminal roof undulations. Approximately 2,400 m², the airport terminal serves over 1.26 million passengers annually.



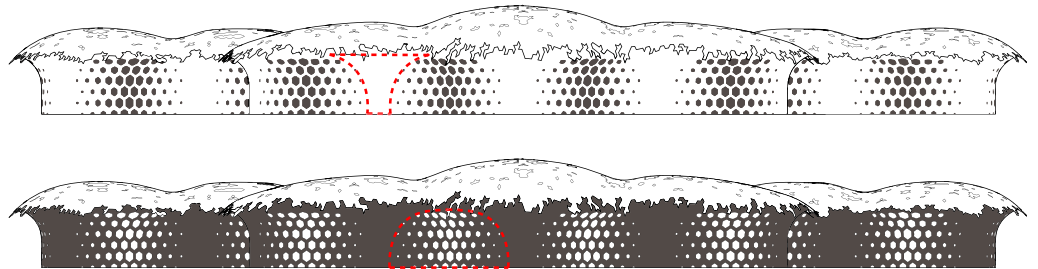
Concept Sketch



Ceiba Form Diagram



Hexagonal Gradient



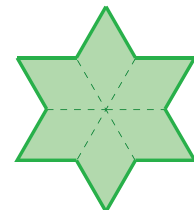
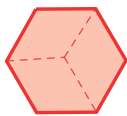
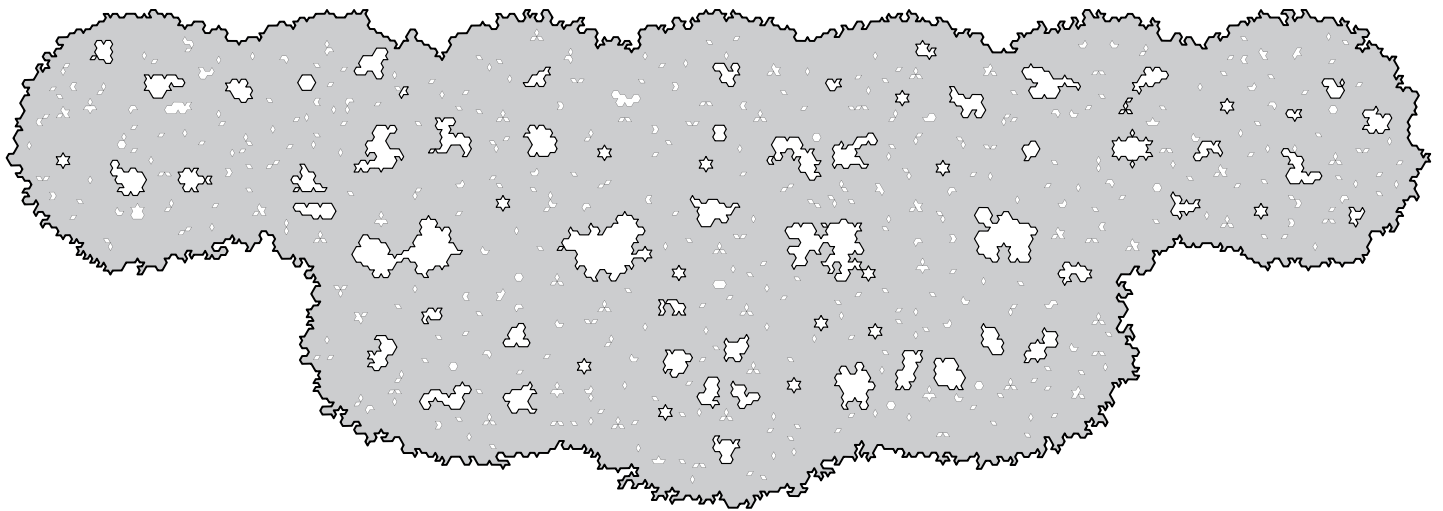
Dynamic Facade Pattern



Front Elevation



Flight Routes Map





Domestic Departure Terminal Interior



Terminal Aerial

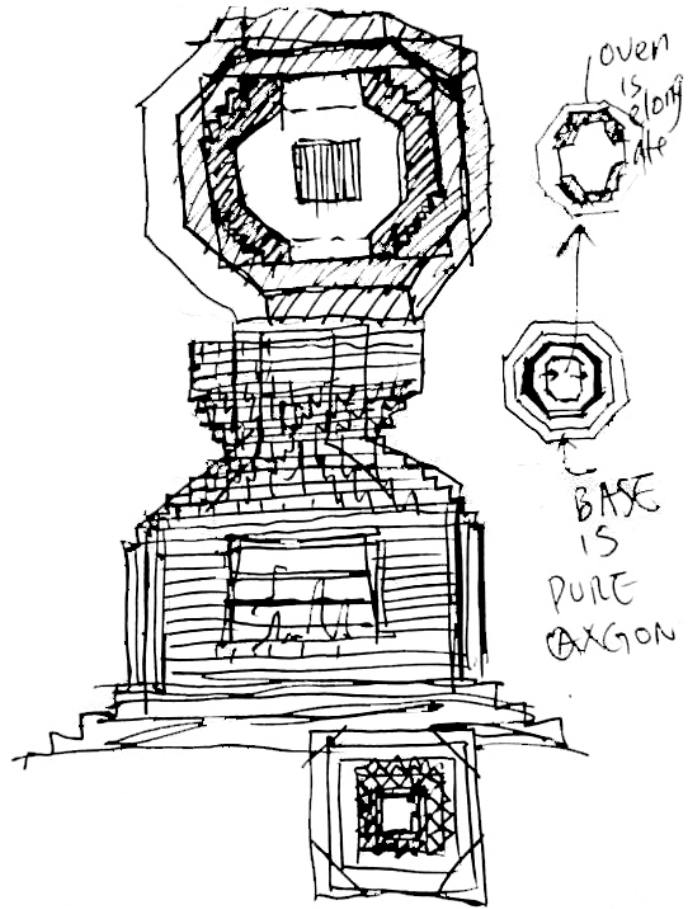
FireHall

Brick Oven Prototype

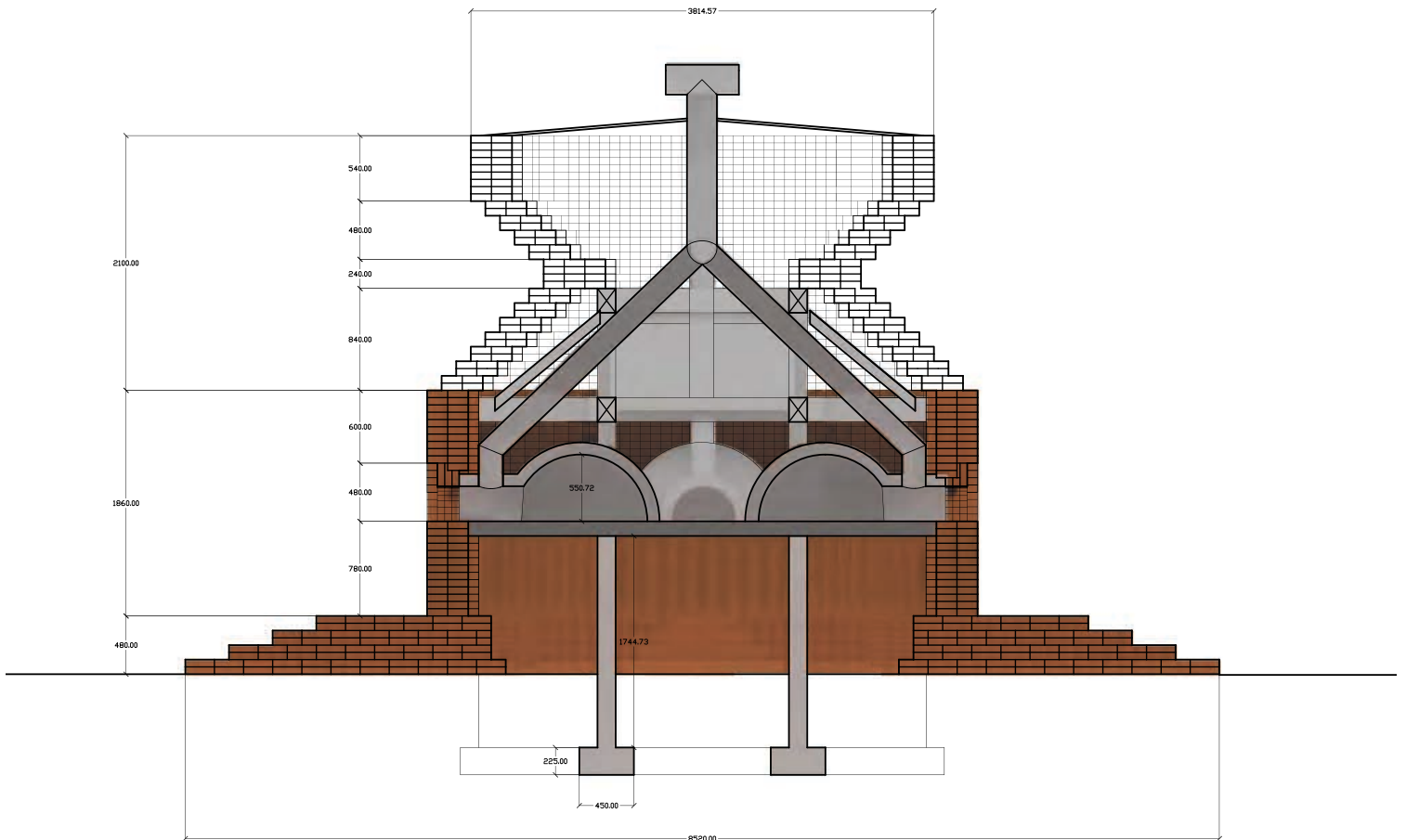
A monument to pizza, FireHall is an experiential brick oven planned for an artist resort in Pinggu, China. Inspired by stupas, the brick oven is part of a build-your-own pie experience to be offered at the boutique hotel. Allowing large parties and cooking classes to enjoy the art of pizza, the large scale oven is equipped with four separate openings to four separate ovens.



3D Model Perspective



Qingyun Ma's Sketch

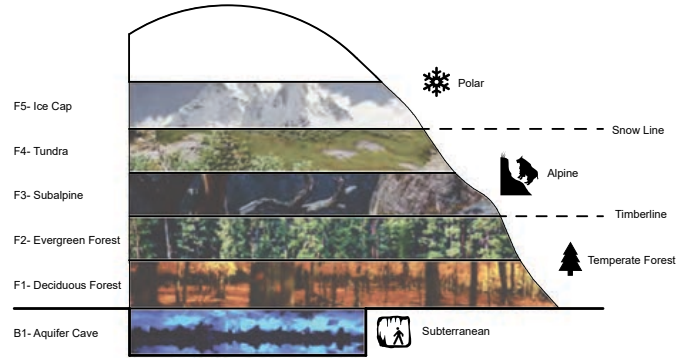


Brick Oven Section

Mount L'avion

Wellness Center

Located in the new development of Chaoyang Park, Beijing, Mount L'avion is a wellness center intended for wealthy VIP clientele. L'avion is a leader in Chinese medical tourism, sending clients to foreign facilities for treatments. Removing the hassle of international travel, the new state-of-the-art wellness center instead rotates a world-class medical staff. The program includes: spa center, restaurant, member lounge, product store, private waiting rooms, private consultation rooms, stem cell center, surgical treatment rooms, recovery rooms, dental clinic, hair-loss management clinic, gynecology clinic, andrology clinic, cosmetic surgery, and a gym facility. Testing the dialog between public and private, long winding corridors lead members on a seemingly secluded journey to private rooms. Inspired by the experience of ascending a mountain, each floor's material palette mimics a different ecological biosphere on the journey to the summit.



Ecological Concept Diagram



Interior Sketch



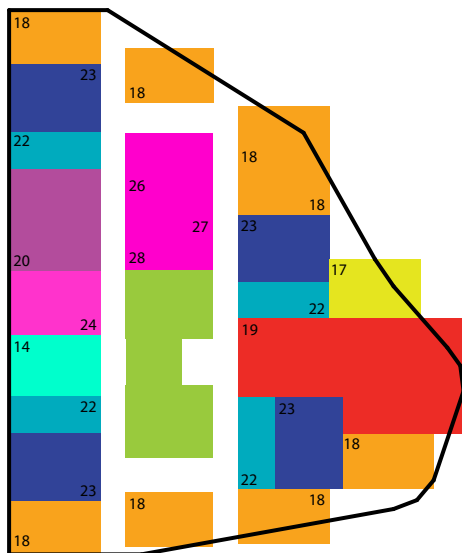
Spa Room Concept Collage



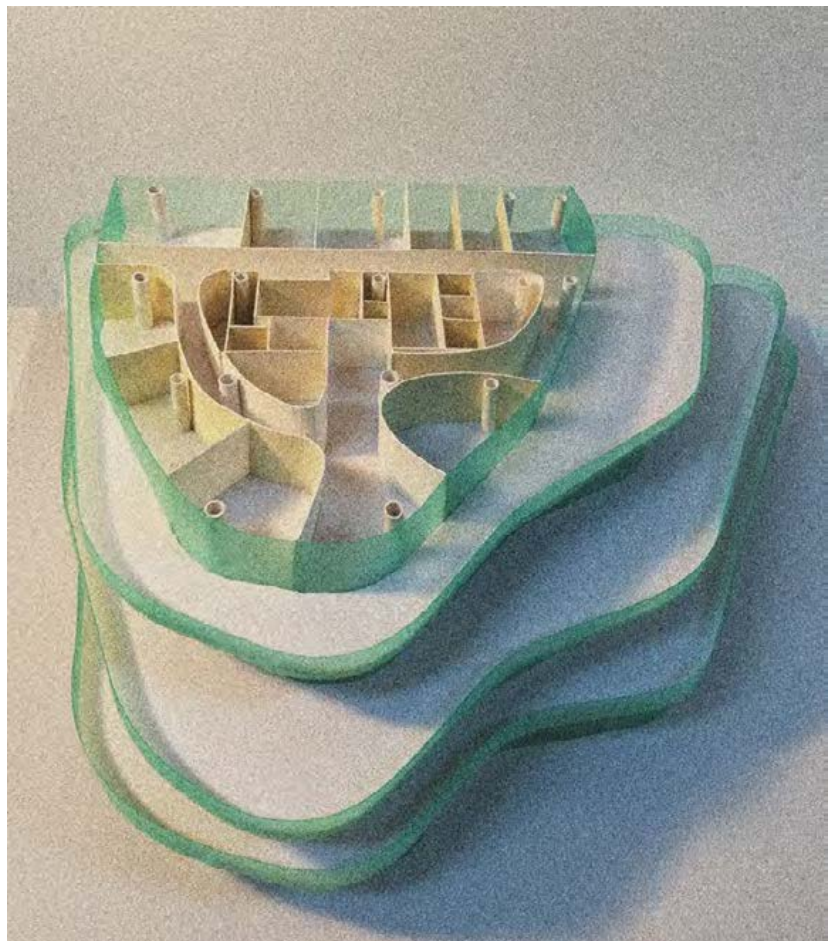
- 1. 休息厅
- 2. 护士站
- 3. 院长接待室
- 4. 固定检测房间
- 5. 检验科
- 6. 诊室
- 7. 会员私人室
- 8. 综合医生办公室
- 9. 运营院长办公室
- 10. 医护用厕所
- 11. 设备储藏
- 12. 阳台

- 1. Lounge
- 2. Nurse Station
- 3. New Member Room
- 4. Test Room
- 5. Test Lab
- 6. Treatment Room
- 7. Private Member Room
- 8. General Doctors Office
- 9. Specialist
- 10. Staff Restroom
- 11. Instrument Storage
- 12. Balcony

Schematic Floor Plan



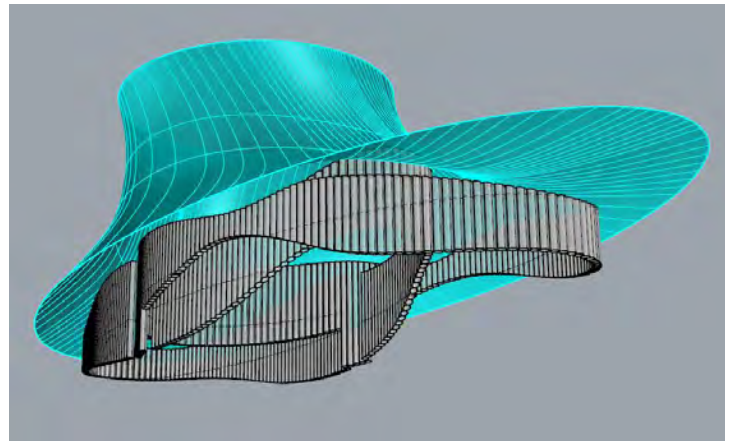
Program Analysis



Physical Model



Entry Atrium Installation



Installation 3D Model



Private Bathroom



Private Waiting Room



Fitness Center

Yuchuan Valley Resort

Private Villa Resort

Situated atop a hillside outside Lantian, China, Yuchuan Valley Resort is a vinicultural countryside escape. Submerged in Jade Valley Estate vineyards, each villa consists of several separate modular rooms connected by a central outdoor living space. Unifying the villas with their natural setting, the design utilizes local materials for the exterior and interior finishes. The combination of a modular system and local materials significantly reduces the carbon footprint and costs of the construction. Grape vines growing aside the entry steps, secluded scenic views, and private patios extending down into the vineyard facilitate a vinicultural experience.



Resort Aerial



Typical Villa Plan



Villa Viticulture

ofcourse®

Brand Affirmation

ofcourse productively and providently promotes natural life. The brand unifies eat, drink, play, entertainment, and travel together in creative and recreational ways. Fruit is a gift of nature. It is the representation of nature, conservation of nature, and transformation of nature. Fruit is a virtue of mankind. Fruit nurtures life, modulates life, and even punishes life. Fruit connects nature and humans through a process ofcourse. The brand identity is centered on fruit and includes fruit wine, candles, hotel resorts, restaurants, and events. Fruit of life, fruit ofcourse.



Event Graphic



Escapist Resort Drawings



Escapist Resort Site Condition

将您自己参与酿造的果酒带回家，赠给亲朋好友，或是在家细细品味。伴着杯中酒香再次回味那梦幻般如痴如醉的田园逃客生活。

Picked up off the vine, only the best fruits are selected for fermentation. Taste the crisp orchard dew in every sip of course.



Fruit ofcourse Graphic



ofcourse Picnic Graphic



Escapist Resort Dining Hall Exterior



Carpenter's Portrait

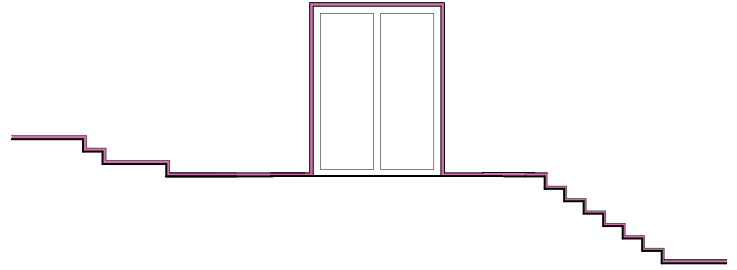


Escapist Resort Dining Hall Interior

Maria Residence

Private Residence Interior Renovation

Perched in the Hollywood Hills of Los Angeles, Maria Residence interior renovation brings the outside inside. Initially, the project consisted of bringing clarity and design intuition to the installation of an aluminum base reveal. Around doors and along stairs, the reveal traces a path through the interior. Celebrating the threshold and detail resolving, a flat aluminum trim tracing the perimeter of the opening perpendicularly intersects and caps the reveal. Taking advantage of existing aligned hardwood floors throughout the entire house, hardwood boards were laid for the risers and runners of the steps to generate a waterfall landscape effect. Showcasing the design logic, hardwood flooring flows up, over, and down the main stairwell balcony. Other interior design solutions included: guestroom closet and entryway, kitchen cabinetry, three fireplaces, and outdoor living space balcony.



Concept Diagram



Window Frame Reveal Model



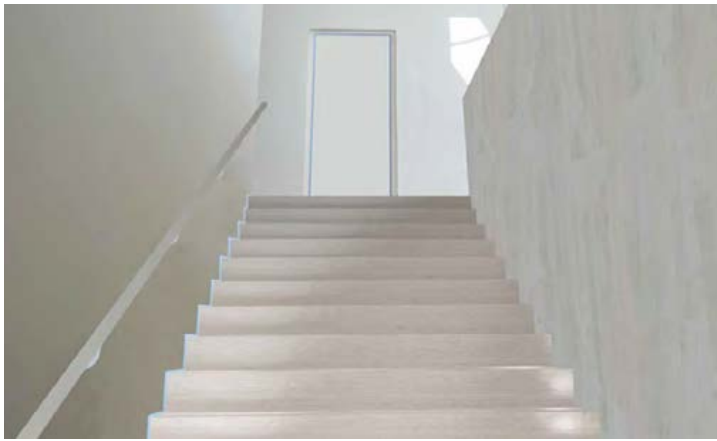
Main Stairwell Landing: Interior Rendering



Existing Condition



Construction Process



Main Stairwell: Interior Rendering



Construction Process



Main Stairwell Balcony: Interior Rendering



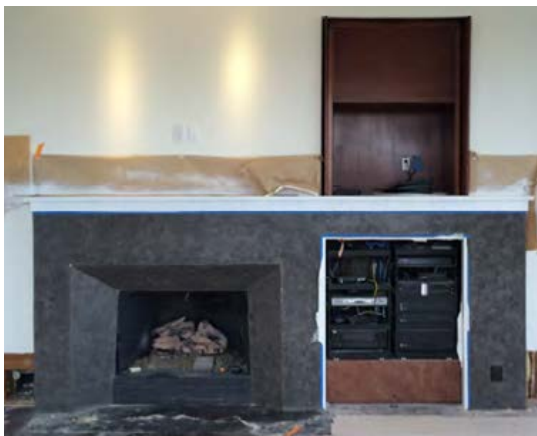
Construction Process



Guestroom: Existing Condition



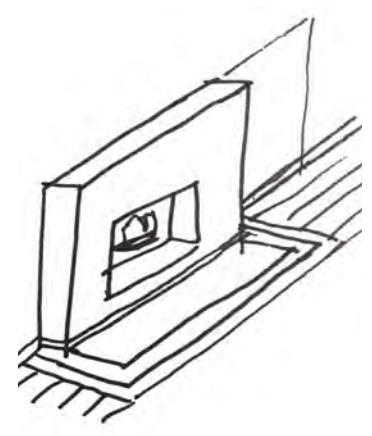
Interior Rendering



Fireplace: Existing Condition



Interior Rendering

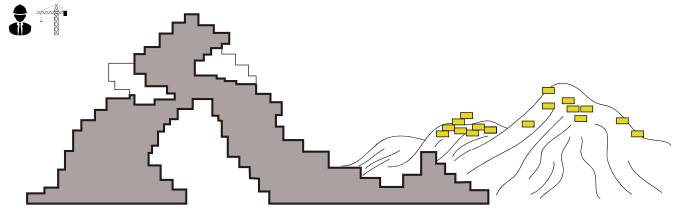
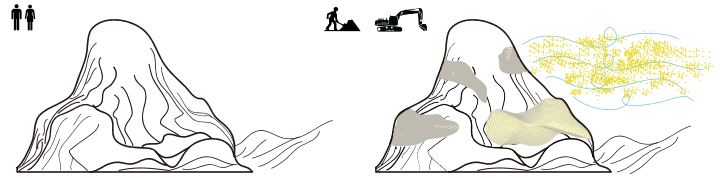


Sketch

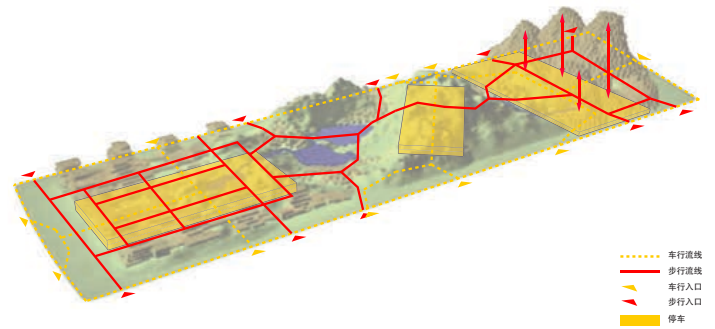
Unimount

Agricultural Theme Park

Conceptually designed for Jim Henson Studios, Unimount is an agricultural theme park located in Tianjin, China. The theme park unifies commercial activities, entertainment themes, and various residential typologies with a singular landform type, mountain. Mountains provide picturesque scenes to gaze upon and grand vistas from their elevated peaks; similarly, a well-design building is aesthetically pleasing and offers framed views onto its surroundings. The Unimount paradigm merges buildings as mountains with mountains as landforms, creating a new experience that is both natural and urban. Unimount combines three landform building types into one site: buildings with landscape, landscape with buildings, and buildings as landscape.



Landform Concept Diagram



Circulation Diagram



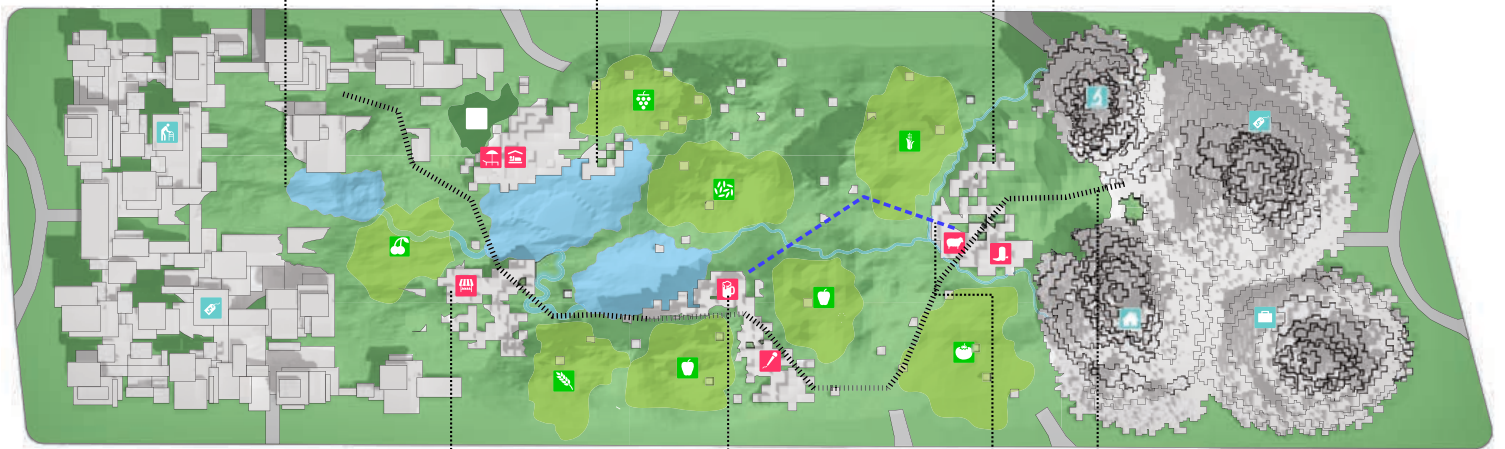
Theme Park Aerial



International Agriculture Villages



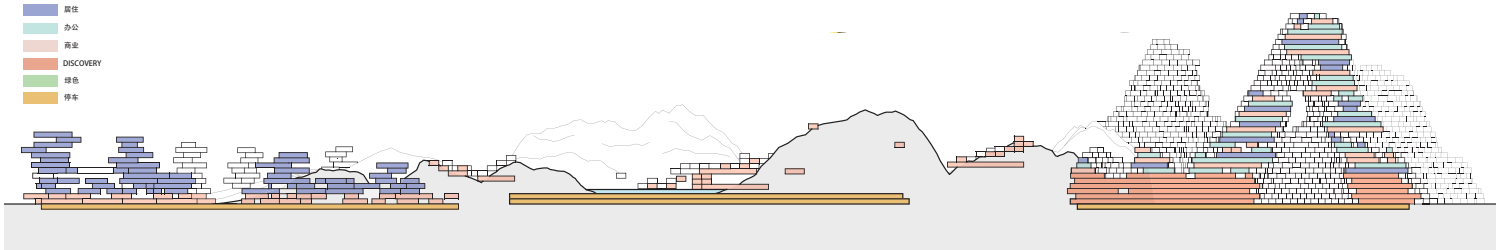
Mountain Tower Science Center



- 园区小轨道
- 缆车道
- 湖沼
- 作物种植

Site Map

- 居住
- 办公
- 商业
- DISCOVERY
- 绿色
- 停车

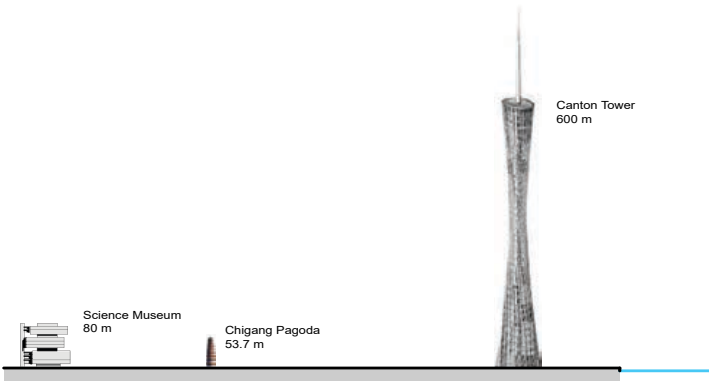


Longitudinal Section

Guangzhou Science Museum

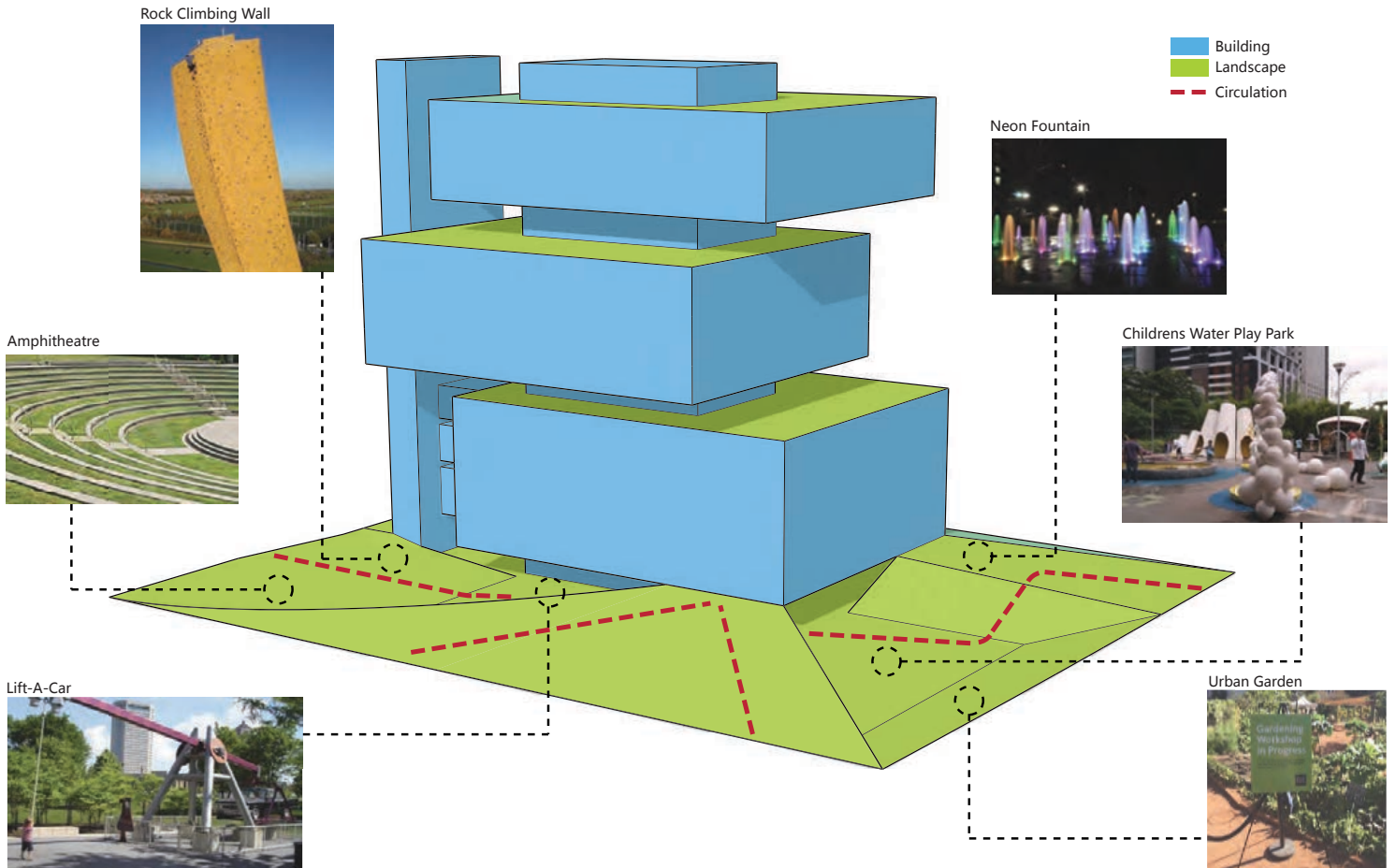
Science Museum & Public Park

Guangzhou Science Museum is part of an urban plan to develop a business, civic, cultural, and recreational city axis. The open green space of the site is equally as important as the built. Shifting each floor of the building allows for terraced green spaces and subsequently outdoor activities connecting to the surrounding green axis. Benefiting the development of a new museum paradigm in the later stages of concept, a detail analysis of museum circulation and program was conducted in order to understand the diverse program requirements.

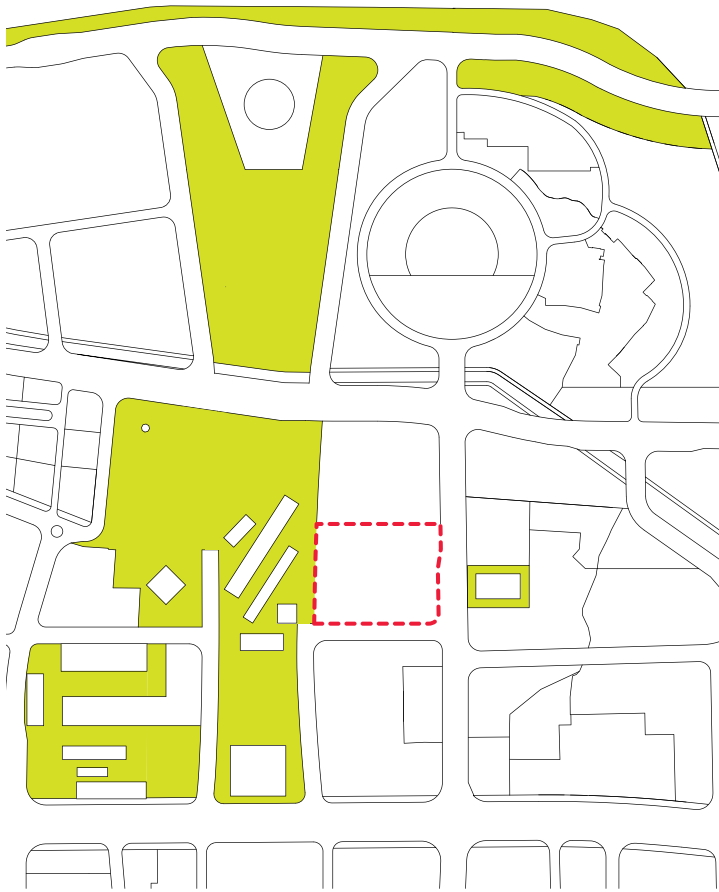


Proximal Building Height Diagram

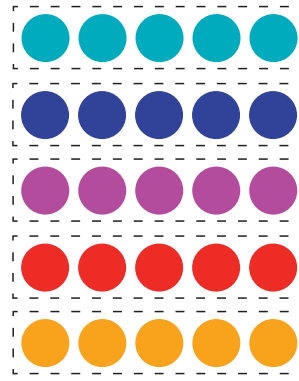
Interior Vignette



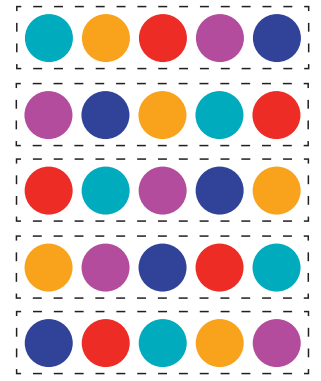
Green Space Program Diagram



Green Space Site Analysis



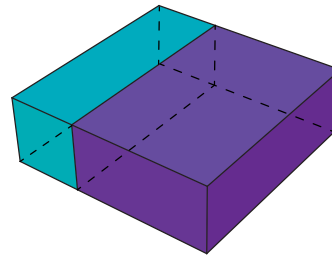
Segregated Exhibits



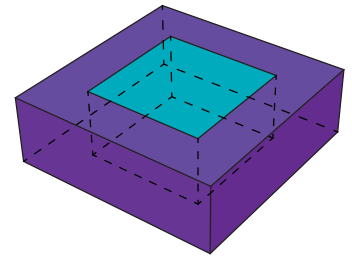
Desegregated Exhibits

- Zoology (Taxidermy)
- Botany (Botanical Garden)
- Geology (Gems & Rocks)
- Computer Science
- Human Biology

Program Order Study



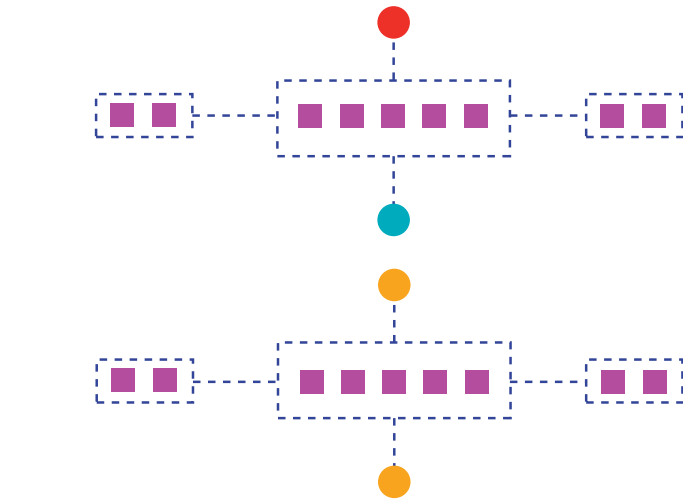
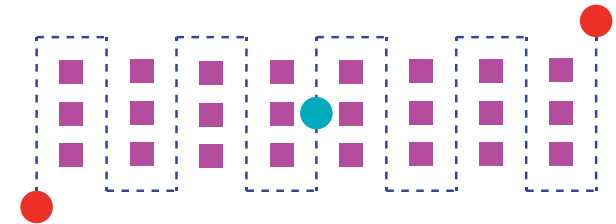
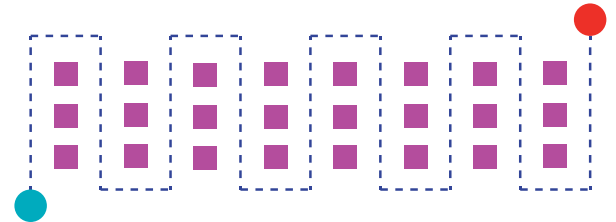
Typical



Violated

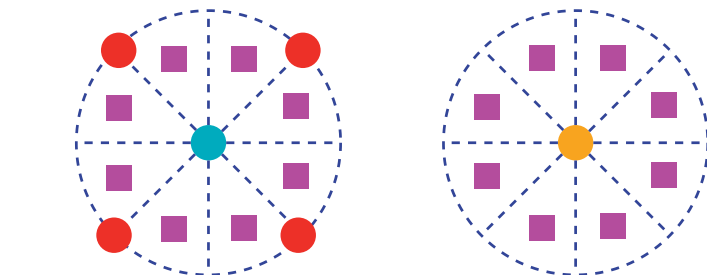
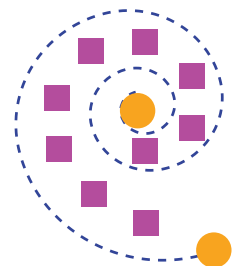
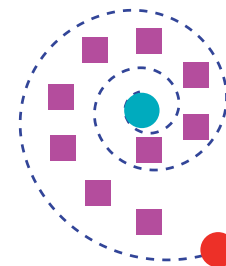
- Exhibit
- Support (Theater, Gift Shop, Cafe, Lobby)

Volumetric Program Study



Wing Circulation Study

Linear Circulation Study

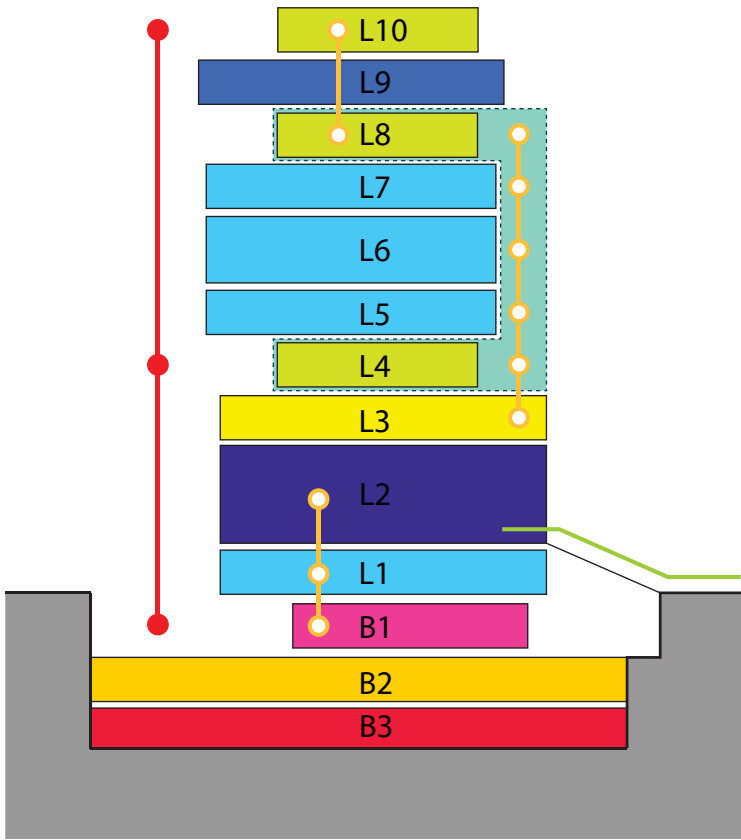


Radial Circulation Study

Spiral Circulation Study

- Entrance
- Exit
- Entrance/Exit
- Exhibit
- - - Circulation Path

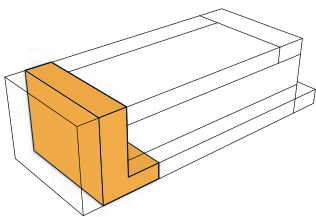
- Entrance
- Exit
- Entrance/Exit
- Exhibit
- - - Circulation Path



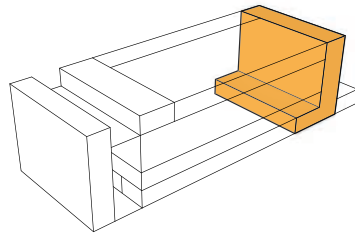
Observation deck
Administration / General Affairs Room / Business Zone
Restaurant / Terrace
Exhibition
Exhibition
Exhibition
Lobby Atrium / Children's Activity Area
Innovative Education Zone
Theatre / Support
Temporary Exhibition / Storage
Lobby / Supporting (Bookstore, Souvenir Shop, Etc.)
Storage / Repair / Exchange & Reception Zone
Parking / Mechanical

- Main Elevator Stops
- Escalator Stops
- Theatre Entrance Path

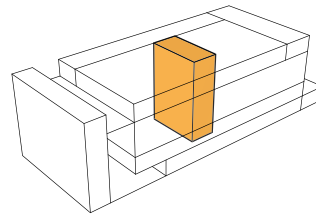
Programmatic Section



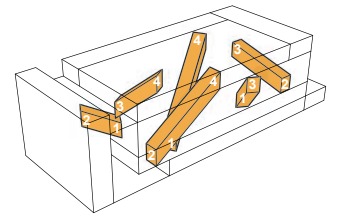
Circulation Scheme 1



Circulation Scheme 2

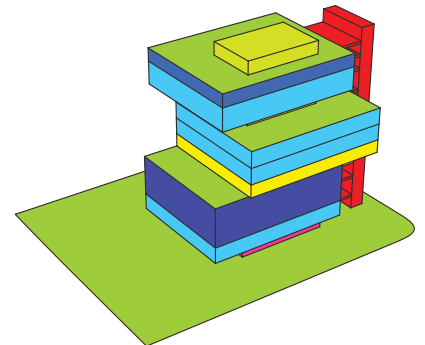
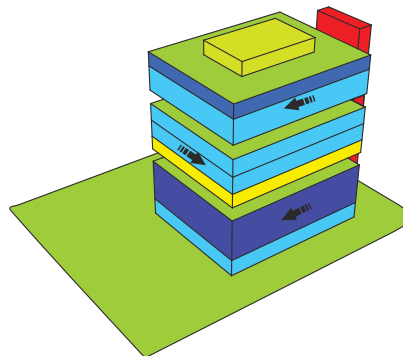
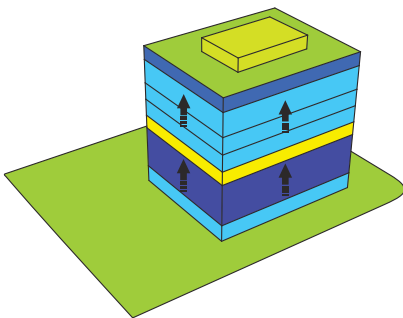


Circulation Scheme 3



Circulation Scheme 4

Circulation Concepts

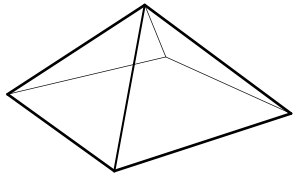


Schematic Program Sequence

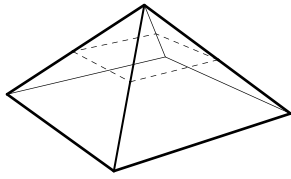
Shady Stud[©]

Manufactured Light Fixture

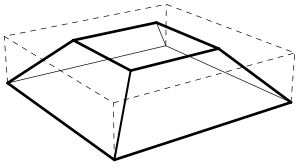
The translucent polycarbonate lampshade began as a flat transparent plane. Square pyramidal forms, studs, were CNC milled into the material. After several heat tests, the proper temperature and time was discovered to bend the material without changing its physical properties. A thin inner translucent polycarbonate shell diffuses the light before it penetrates the milled outer shell.



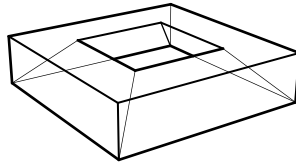
1



2



3

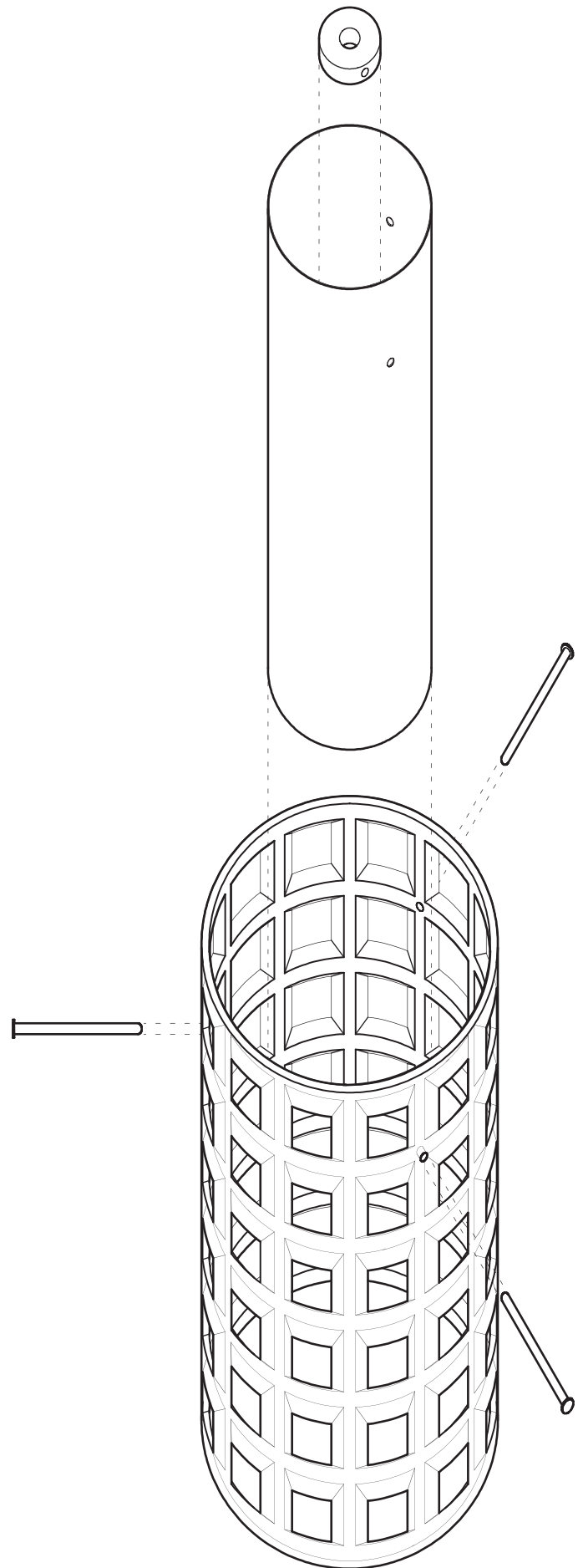


4

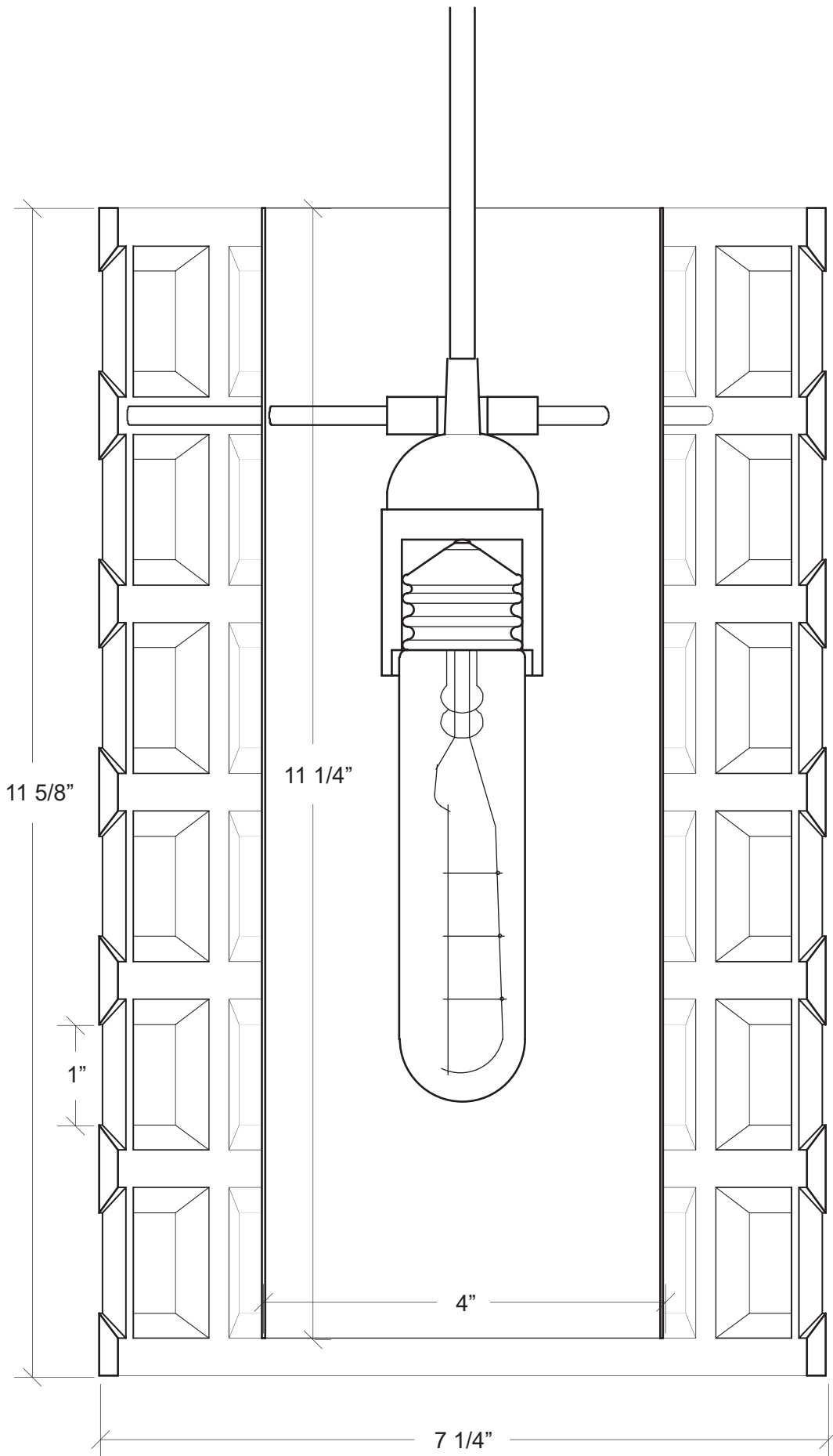
Stud Form Finding



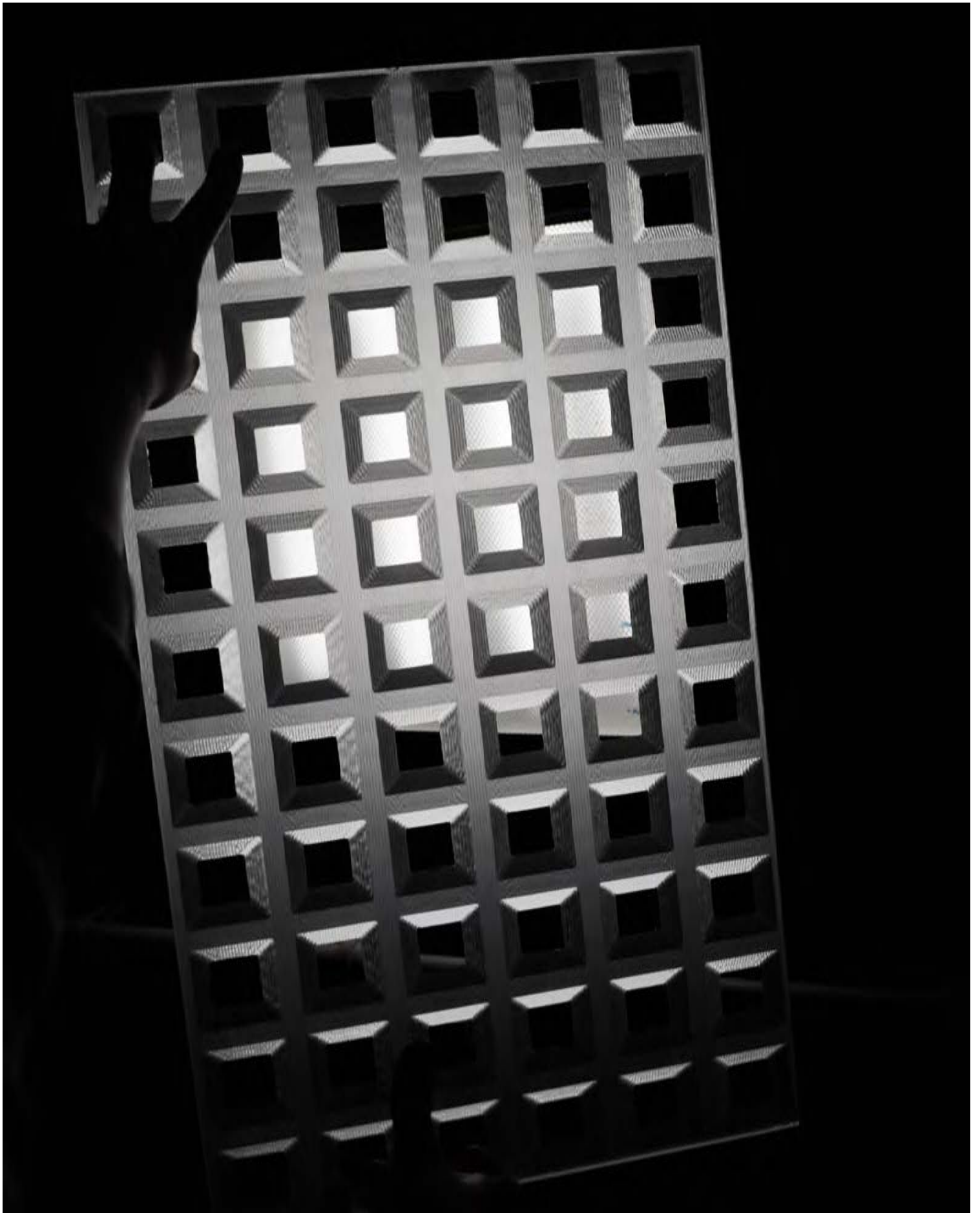
Burberry Stud Concept



Axonometric



Section



CNC Material Process Photograph



Photograph of Built Prototype

X Bench

Reclaimed Seating & Storage

Conceptualized on the eve of acquiring two wooden table legs and a tree house sign on fraternity row, X Bench is a combination of reclaimed and new materials designed for the privileged sorority girl. Primarily, the functionality concept is the storage of women's heels and boots. While obtaining reclaimed pieces of wood, the design evolved from a functionality concept to a physical form. Design evolution implemented secondary functionality features including: make-up applica-

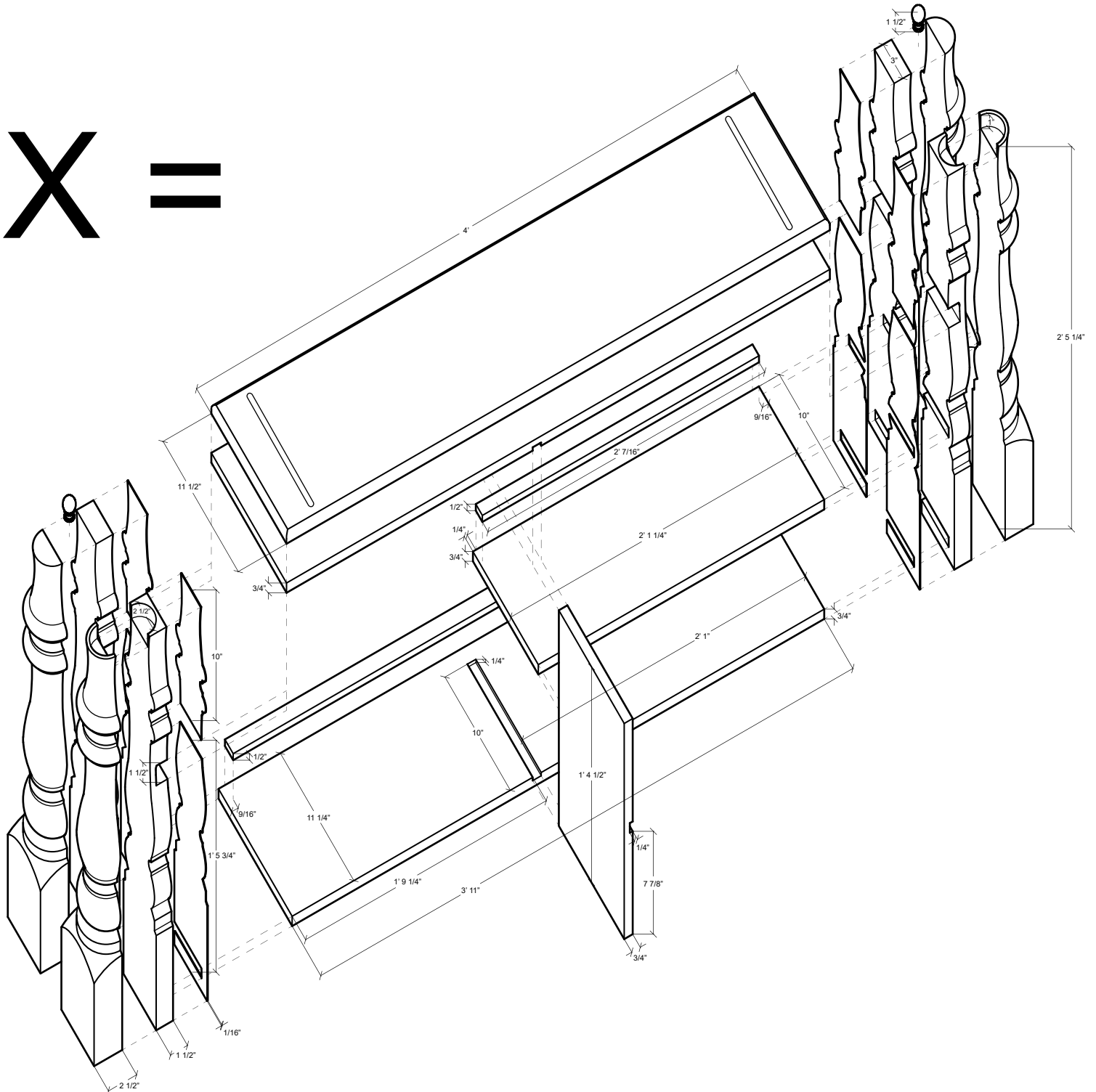
tion, self-admiration, cup holders, and purse hooks. The simplicity of coating the reclaimed pieces is complementary to the unapologetic hot pink new elements. The gold leaf accenting and gold mirror panels add a unifying element of privilege. X Bench contains all the function and aesthetic elements a sorority girl desires to assist with the realities of life.



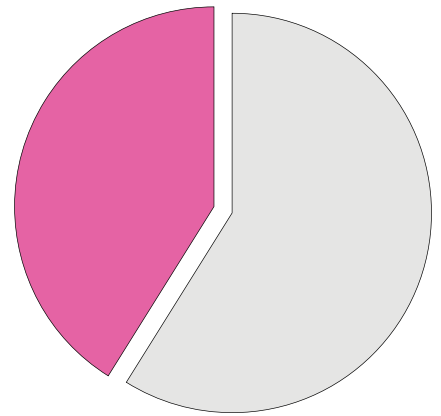
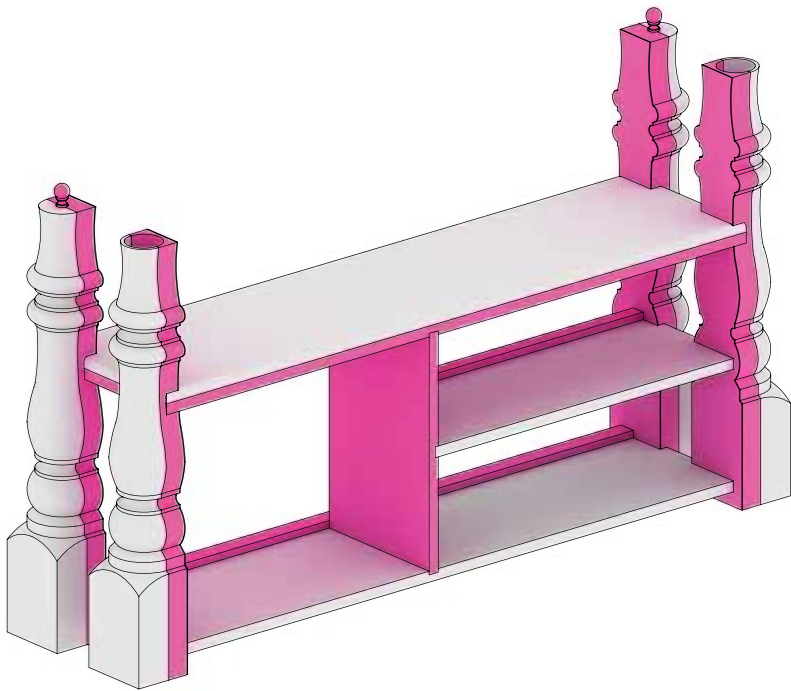


Conceptual Equation

X =

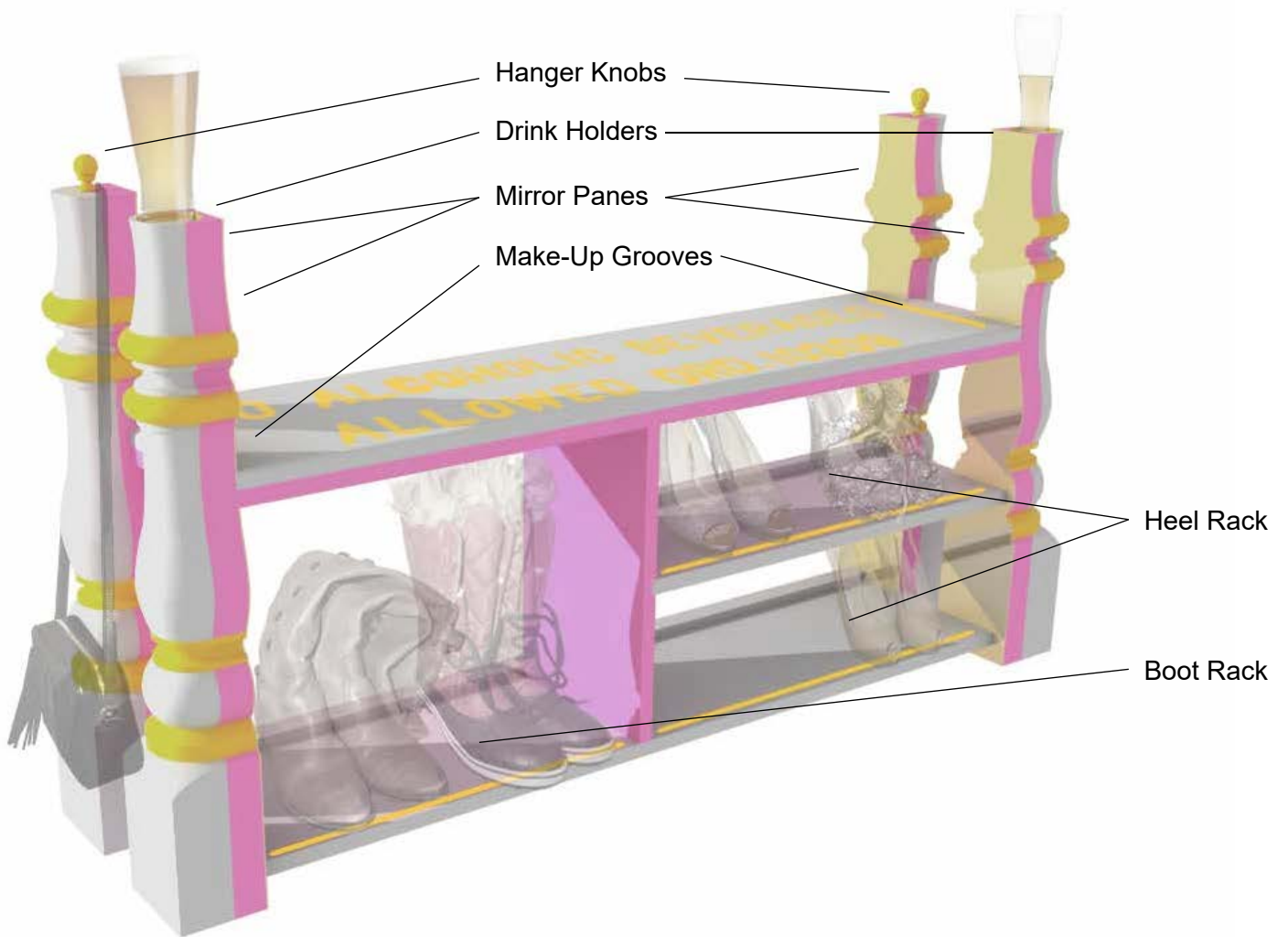


Exploded Axonometric Solution



■ 41.1% New Material
■ 58.9% Reclaimed Material

New V. Reclaimed

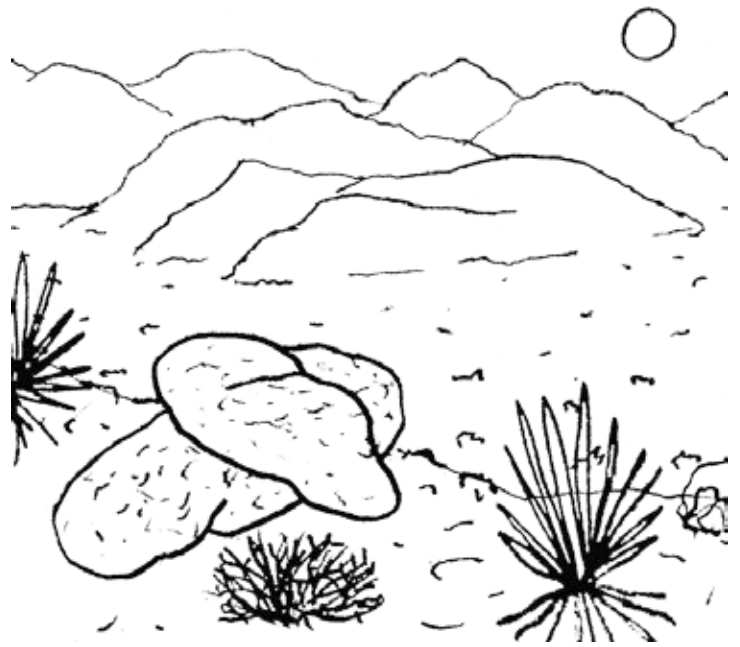


Functionality

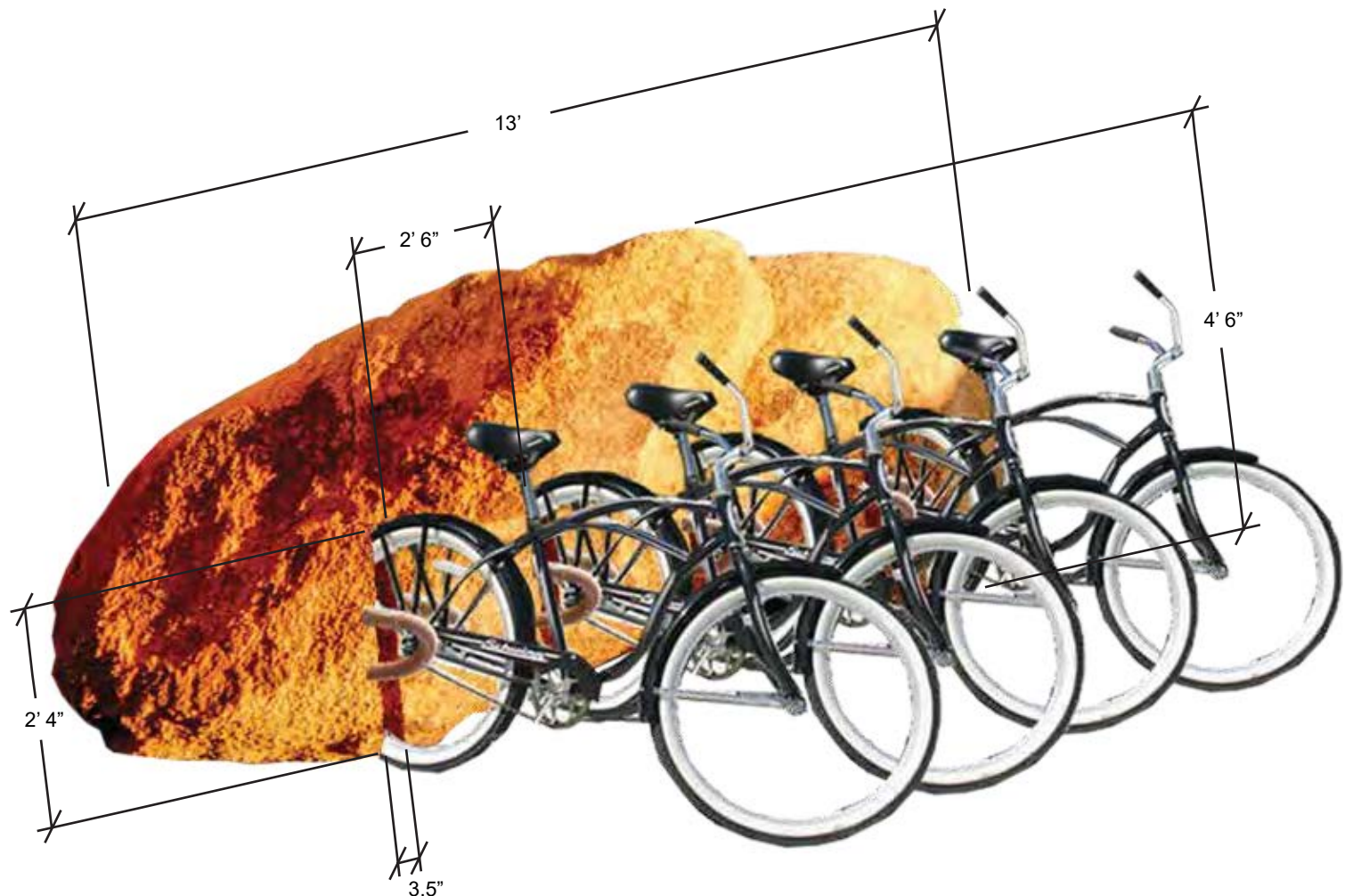
Rock 'N' Rack

City of Palm Springs Bicycle Rack

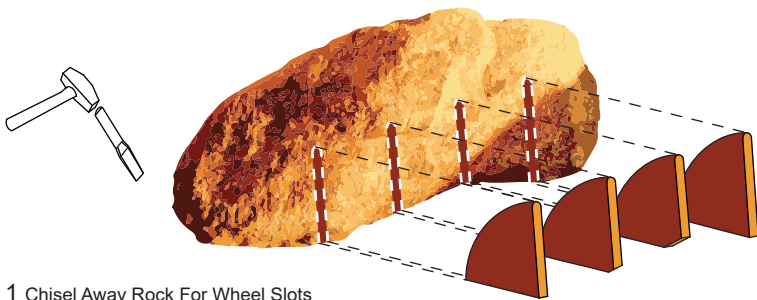
Long before the Palm Springs Art Museum existed, the vast desert landscape of the surrounding area was peppered with desert rocks and softscape. As civilization intrudes, some of the rocks still remain despite the world's continuous evolution. This particular rock, impressed by the City of Palm Springs' environmental awareness, decided to contribute to the City's progress by performing as a bicycle rack. Simultaneously, the rock reminds visitors of the natural desert biome beyond the City limits. The rock's selfless sacrifice to the community exemplifies a tranquil coexistence of the natural and the developed.



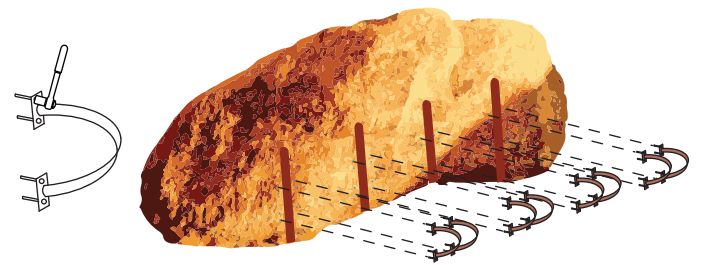
Concept Sketch



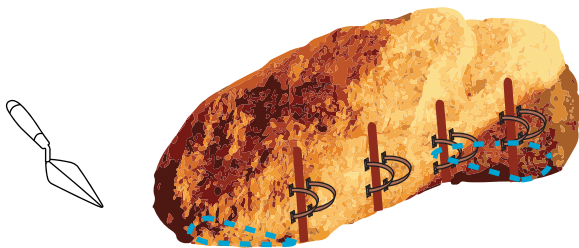
Dimensional Properties



1 Chisel Away Rock For Wheel Slots



2 Bolt On Steel Rods For Frame Locking



3 Cement To Hardscape

Assembly Process