place | typology | program

(A)rchitecture as design is the artful play of texture and lightness...

|

GROUND

the conceptualization of SURFACE. jb

DISCUSSION OF COURSES

Json Bailey

Details

phone | 1.515.443.9604
107 S Howard Avenue
Spokane, Wa 99201

email | baileyjson@icloud.com

Nationality
United State of America

Links

www.surfacestudio.org
linkedin.com/in/jasondbailey/

POTENTIAL COURSES...

The studio is my primary design and learning environment. Surface Studio is a collection of concurrent learning courses intended to foster a heightened awareness of design (urban design, architecture, interior design). Each studio course (12-16 weeks) seeks to build toward a comprehensive foundation reared in thought (sensing), reflection (thinking) & making (generating). Students will progress from a conceptual understanding of place through a detailed articulation of forms (buildings).

Essence Studio (no.1) – Forms
The exploration of thoughts and forms reveals the inherent nature of design endeavors. These essences as constructed frame the potential of any design form. This studio can is taught as a pure design (making) studio or a hybrid design studio/ seminar. Within the seminar section of the course, I introduce reading, writing, and research material regarding the place.

Ambiance Studio (no.2) – Interiors
This studio is the continuation of thoughts and forms derived from a place. Exploration seeks to identify the nature of a culturally saturated context. Site analysis is developed as a means to reveal what constitutes a place. This studio challenges students to work inside existing forms to explore human activities and spatial experiences.

Essentials Studio (no.3) – Pavilions
This studio is a continuation of thoughts and forms derived from a place into recognizable forms that express a sense of design. The utilization of design principles and elements as programmatic vehicles is required. Objects are developed at multiple scales to explore material conditions moving toward 1:1 forms (Design-Build).

Surface Studio (no.4) – Landscape + Architecture
The Landscape + Architecture studio is an exercise seeking to expand the design form limit beyond the temporal building envelope. The site within a given place becomes the programmatic surface. The program and development of a textural site are meant to articulate a oneness of place. The primary form of this studio is the ground as a surface to be programmed prior to the introduction of building forms.

Surface Studio (no.5)
The final studio is a comprehensive thought, reflection, and making a proposal. The purpose of the studio is to allow a student to present design (architecture + landscape + interiors) as a totality of thought. Students are challenged to generate, justify and explain their unique proposals. The framework of the studio is a synthesis of design foundations through advanced speculations regarding contextual environments. Students are challenged to investigate cultural identifications as a determinate of place.

Seminar
My primary research areas are architecture, cultural theory, and aesthetics. The studio work derives from ideas regarding epistemology (knowledge), ontology (essences), and phenomenology (senses). The course will introduce architectural writers: Christian Norberg-Schulz, Colin Rowe, Kevin Lynch, Juhani Pallasmaa, Jun' Ichiro Tanizaki, as well as philosophers Walter Benjamin, Maurice Merleau-Ponty, Friedrich Bollnow, and Roger Scruton.

Case studies will be selected to foster an awareness of place as a cultural construct surface in which forms emerge. The works cited will be utilized to construct architecture as a design endeavor formed intertextually meant to reveal the nature of any particular site. The primary purpose of the design seminar is to challenge students to see sites as places laden with cultural content. The use of reading, writing, and research shall challenge students to determine what they think constitutes place within a given spectrum.

Student Design Work

of SURFACE. jb

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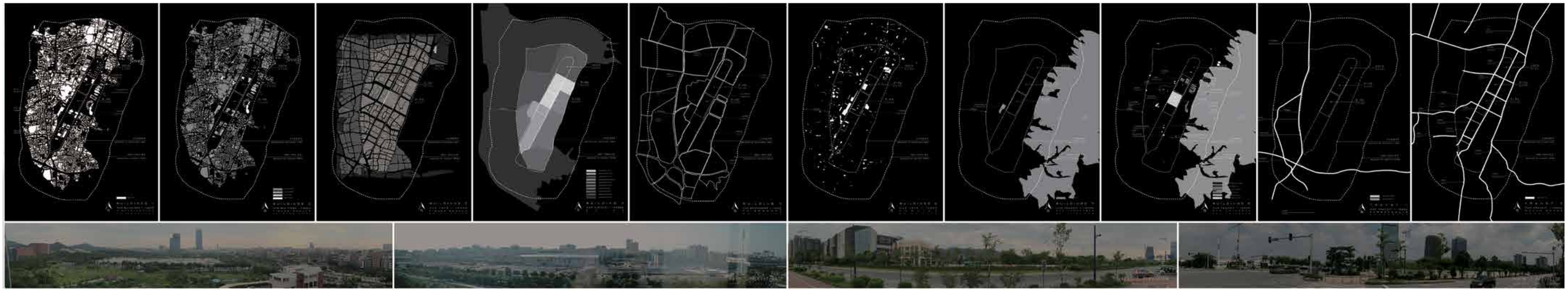
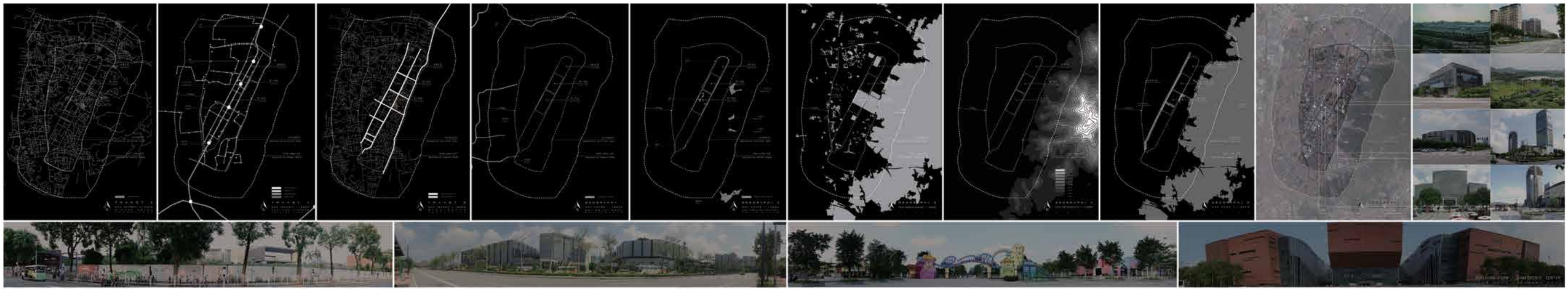
Graduation Design Studios



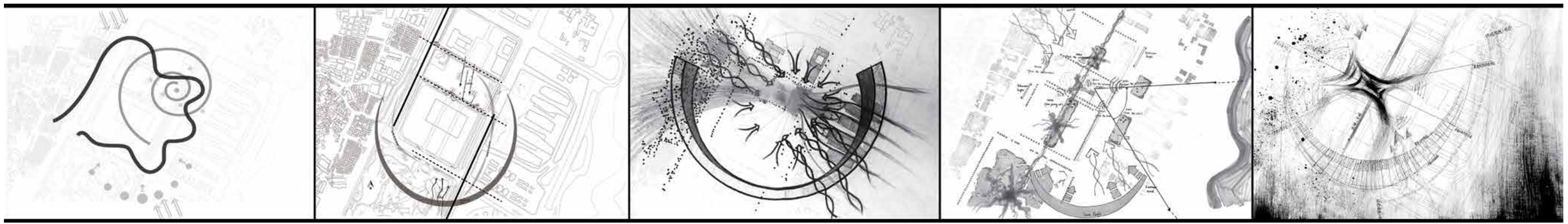
Graduation Design | Site Analysis Mapping 1

site | Guangzhou, China | typology | Cultural Arts and Education Center students | zhang ziHan, guo zengJie, liang yunKang, jiu dongJie, huang qiHua, shao Yi, chen ziQin, chuanYi, jiJin, xiaoNi



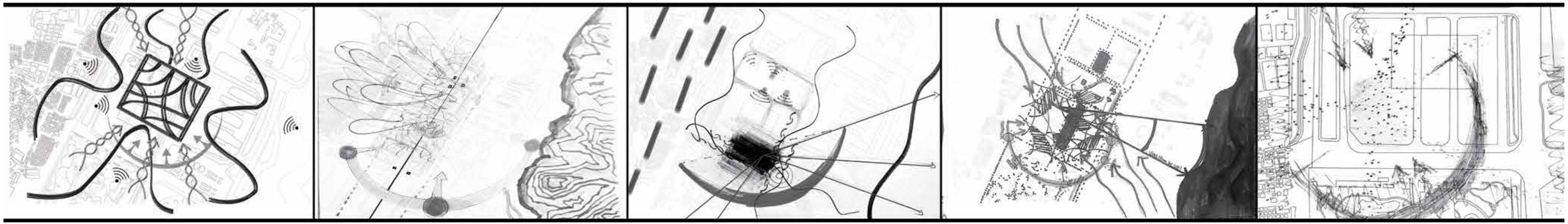
Graduation Design | Site Analysis Mapping 2

site | Guangzhou, China | typology | Cultural Arts and Education Center students | zhang ziHan, guo zengJie, liang yunKang, jiu dongJie, huang qiHua, shao Yi, chen ziQin, chuanYi, jiJin, xiaoNi



Graduation Design | Site Analysis Diagraming 1

site | Guangzhou, China | typology | Cultural Arts and Education Center students | zhang ziHan, guo zenglie, liang yunKang, jiu donglie, huang qiHua, shao Yi, chen ziQin, chuanYi, jiJin, xiaoNi

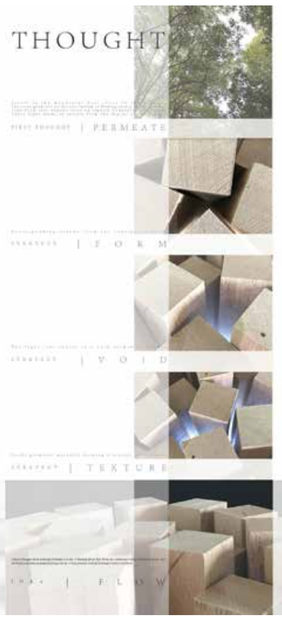


Graduation Design | Site Analysis Diagraming 2

site | Guangzhou, China | typology | Cultural Arts and Education Center students | zhang ziHan, guo zenglie, liang yunKang, jiu donglie, huang qiHua, shao Yi, chen ziQin, chuanYi, jiJin, xiaoNi

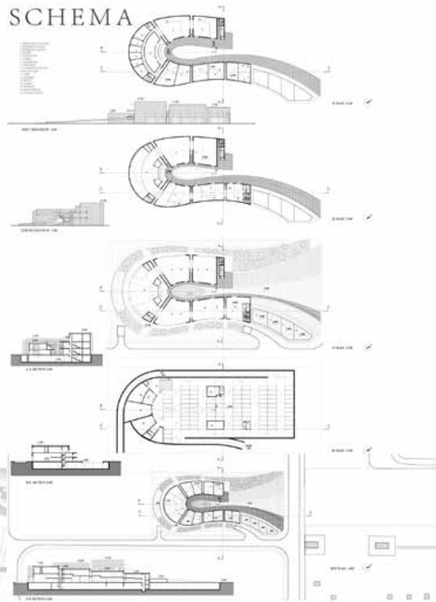
SITE ANALYSIS
THOUGHTMASS
IN
IDENTITY
SCHEMA ONE
SCHEMA TWO
IDENTITY

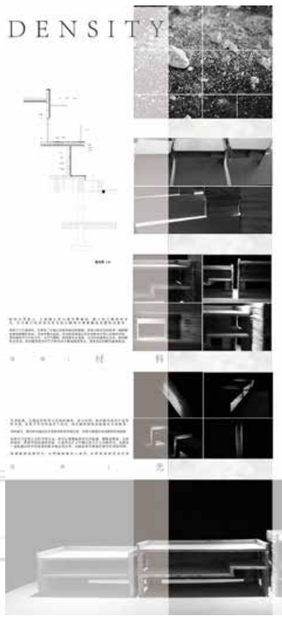
SITE ANALYSIS
CULTURE
CONTEXT
DENSITY
AMBIENCE

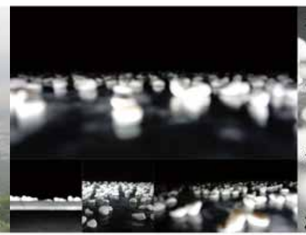

THOUGHT
PERMEATE
FORM
VOID
TEXTURE
FLOW

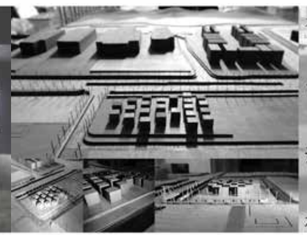
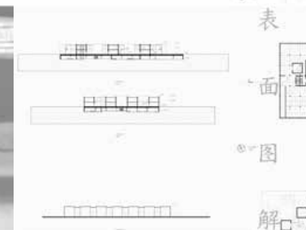
F O R M
FLOW
RAMP
VOLUME
FLOW

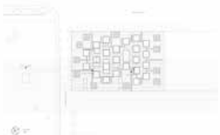
IDENTITY
FLOW
CONTINUUM
FORM
FLOW

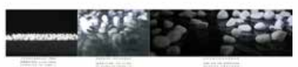
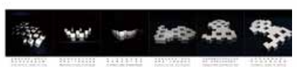

SCHEMA

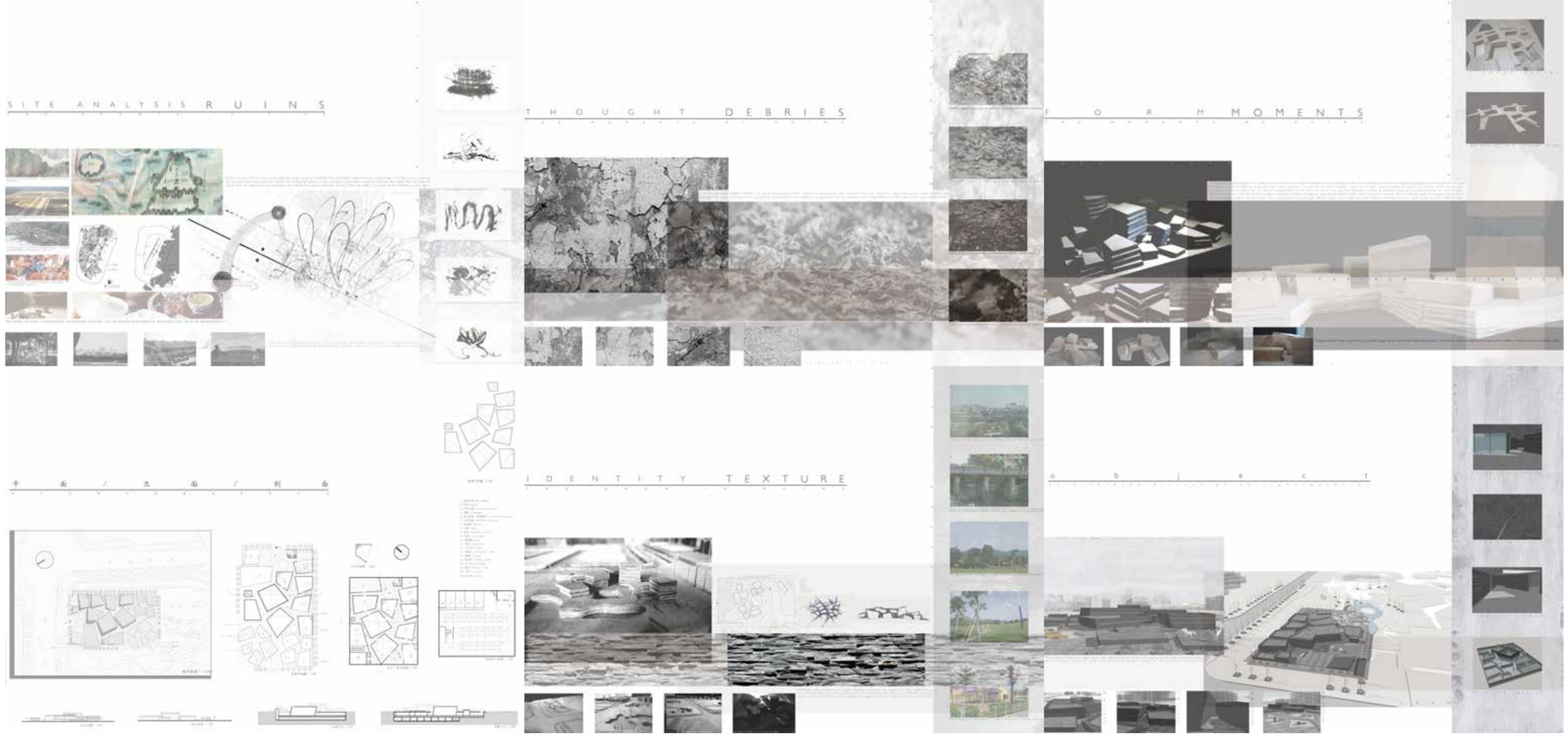

DENSITY

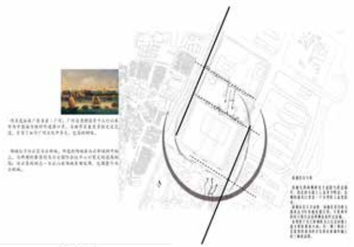




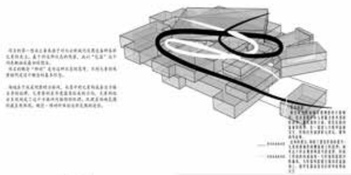

SITE ANALYSIS RUINS
THOUGHT DEBRIES
FORM MOMENTS
IDENTITY TEXTURE
object



SITE ANALYSIS

THOUGHT

FORM

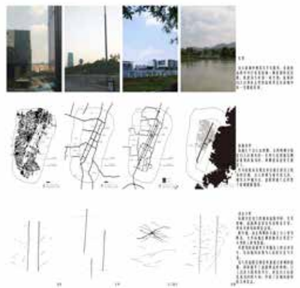


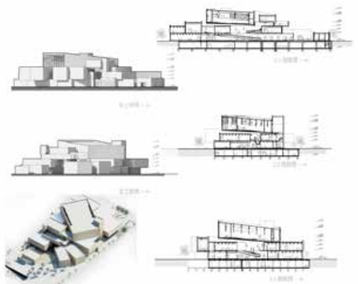
IDENTITY

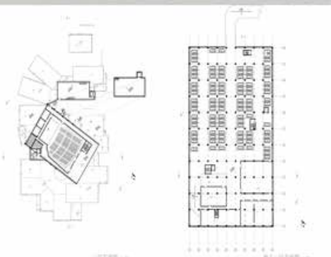
SCHEMA

SCHEMA

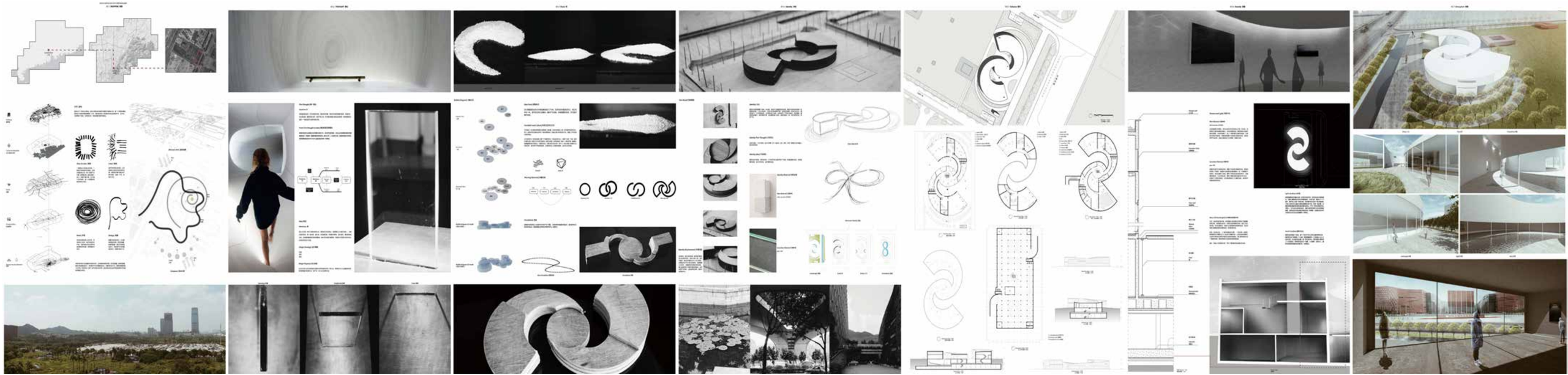
DENSITY



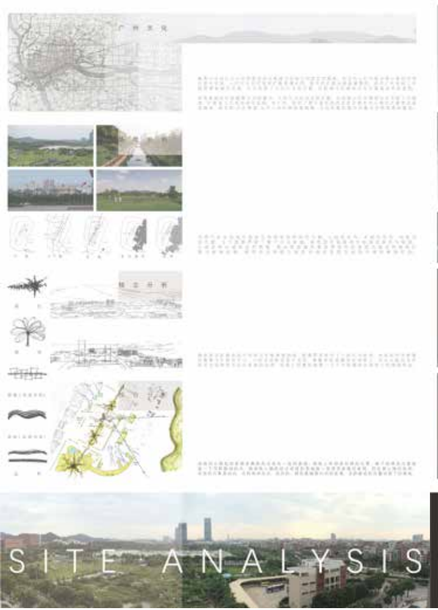


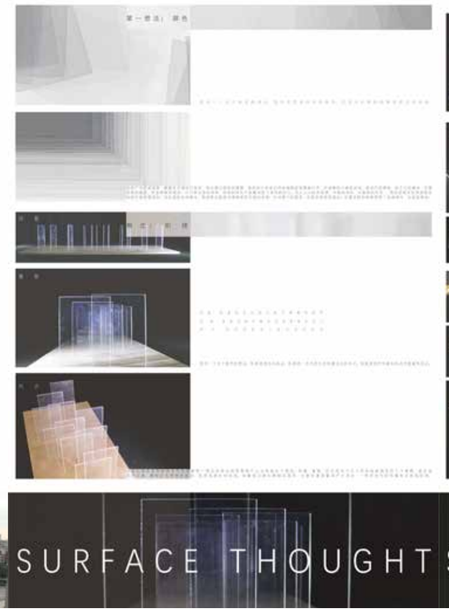


Graduation Design | **Shao Yi.** Baiyun Cultural Arts Center

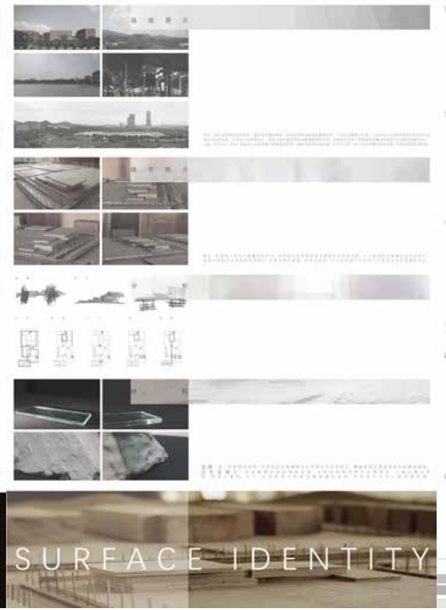


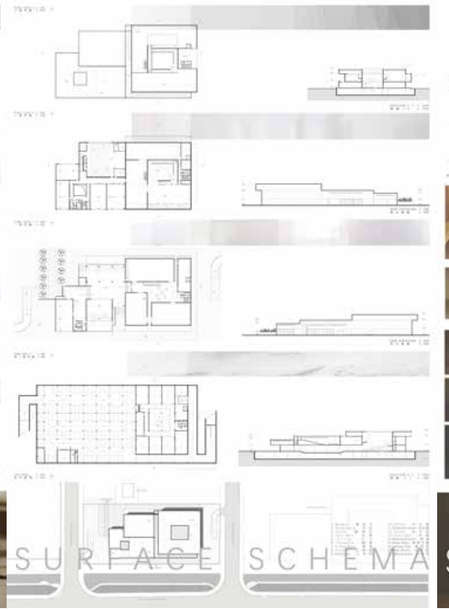
Graduation Design | **Qui DongJie.** Baiyun Cultural Arts Center


SITE ANALYSIS


SURFACE THOUGHT

SURFACE FORM


SURFACE IDENTITY


SURFACE SCHEMA

SURFACE DENSITY

气 氛 | AMBIENCE
WIND is a sense of light and dynamic force that exist as shadow,energy & color that form potential moments of WIND.
思 想 | THOUGHT
The sense of color
The form as imagined is A broken surface.

The sense of the layers of forms.....
The sense of the void...flowing
The sense of the color.....
形 式 | F O R M
The energy from the mountain and the sea travels through the city and is scattered in the ground. The site becomes a field containing scattered energy fragments. The light fragments suddenly approached and suddenly moved away. The debris occupies the void, the residual field becomes the void of the energy flow (the courtyard), the person inhabits the debris, walks in the void...experience the wind.....
特 性 | I D E N T I T Y
First thought - Yantian is on the edge of shenzhen, isolated from the city by wutong mountain. Yantian is embraced by the mountains and sea, like a vast void. Summer winds come from the sea, across the sea, through the cracks of the city, then gently toward the mountains. The energy of nature and the city flows as the wind moves through the field. Idea - variety forms are scattered in the void, and the dynamic lightness of the force constantly moves in form, in the form of touching or far away, forming the color of the void.
MATERIAL:WHITE SAND STONE ,BLUE BRICK ,WOOD

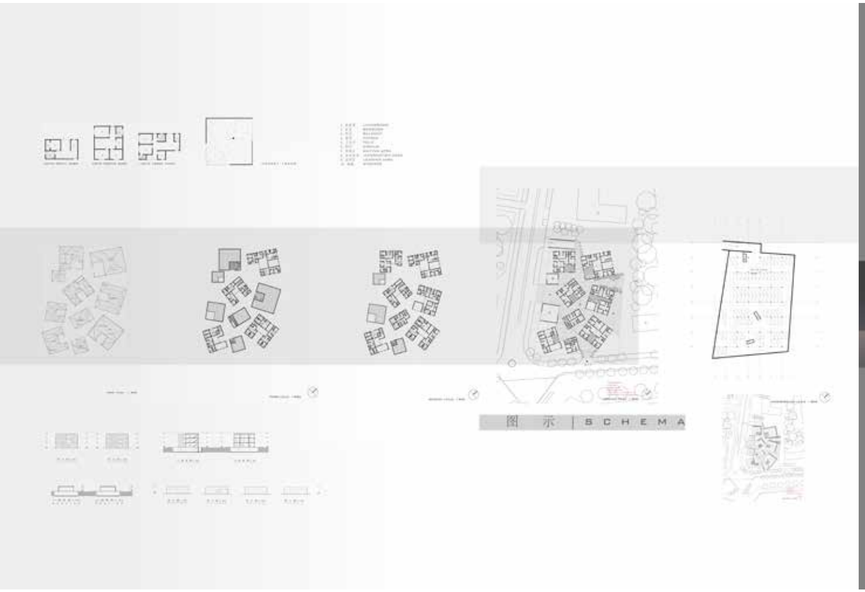
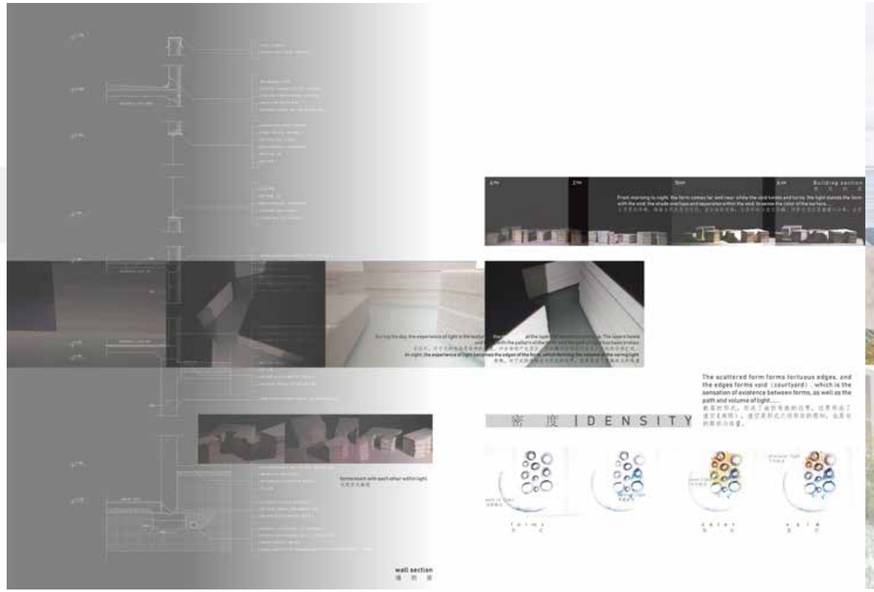


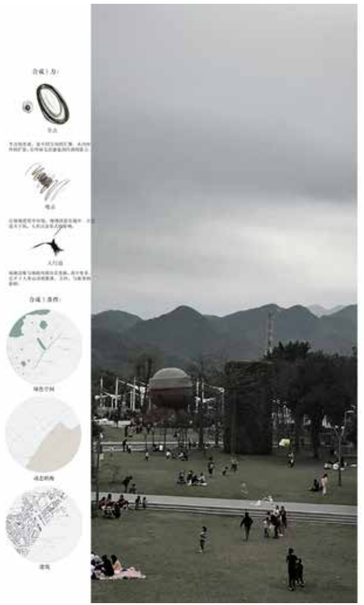
图 示 | SCHEMA


wall section

密 度 | DENSITY

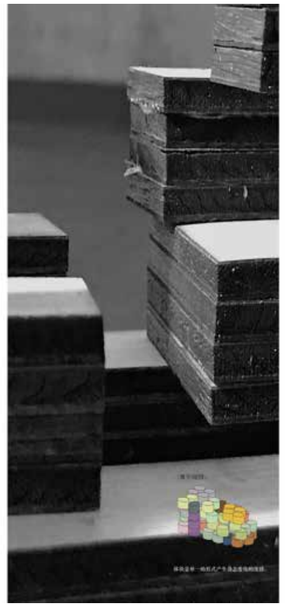
the phenomena as experienced
物 | OBJECT

場地分析



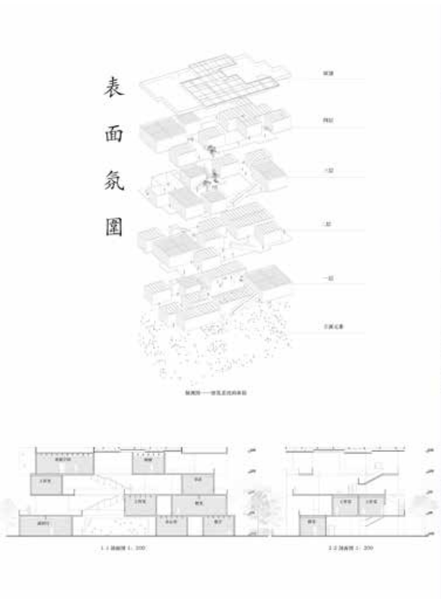
表面想法

表面形式



方案設計
一层平面图 1：200
二层平面图 1：200
三层平面图 1：200
四层平面图 1：200
北立面图 1：200
西立面图 1：200

自然光
交通线性
单元围塑体
基本构图
加法与减法


表面氛圍
轴测图一 使用者的体验
1-1 剖面图 1：200
2-2 剖面图 1：200

形式——设计体验的体验
轴测图 1：200

四层体验空间与视线——体验的体验

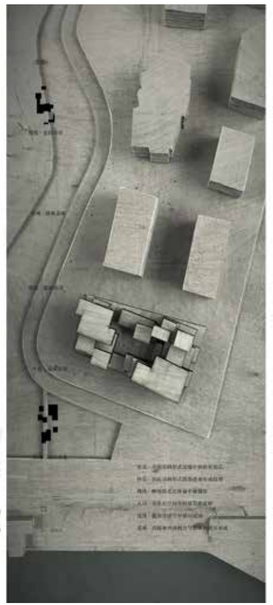
三层大展工作室——整体的体验

三个构成部分关系与引导——建立的体验

三层展空间的关系图——入口与光的体验

表面識別

设计项目平面
形式
加法
场地的方与形式
节点
墙面
入口面
为此，特设笔形体将结构连续打开至多层开窗空间。
形式，使每个内角度构设扩展，入口处，使每个内角度构设扩展，入口处，使每个内角度构设入口设置在内走向时。


形式，表面与体验
入口，进入与体验
材料选择：

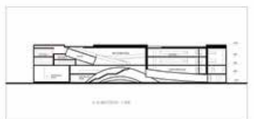
COMPOSITE
AMBIANCE
SURFACE ANALYSIS
FLUCTUATION is a sense of FLOW that exist as SHADOW,COLOR,and ENERGY that form potential moments of the WAVE.
IDENTITY
MAP/IMAGE
IDEA
WAVE
The form as imagine is trends.
SURFACE THOUGHT
FORM
WAVE
SURFACE FORM
FORMATION
WAVE

起伏是关于时场地表面的反映。场地的表面连接着公园的脉络（文化、活动、能量、与流动）。起伏是关于建筑的思考方式。建筑是表面的形式和创造的造型。其场地的随机的能量流动时过滤流，塑成着在一个特定的瞬间将此位置流的形式。这个特定的瞬间存在与几何和大理石当中，瓦片是对传统场地语境的回应，大理石是对场地表面的回应 。

Fluctuation is the reflection of the surface of the site. The surface of the site is linked to the context of the PARK (culture, activity, energy and flow). Fluctuation is the way of thinking about the WAVE. Wave is a curved surface that shaped the void, and the random energy flow of the site passes through the WAVE, trying to reveal the form of the texture in a particular moment.This particular moment exists with tiles and marble. Tiles are a response to the traditional context, and marble is a response to the surface of the site.

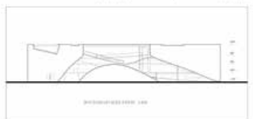
DETAIL PHOTO | SITE MODEL

SECTION | ELEVATION

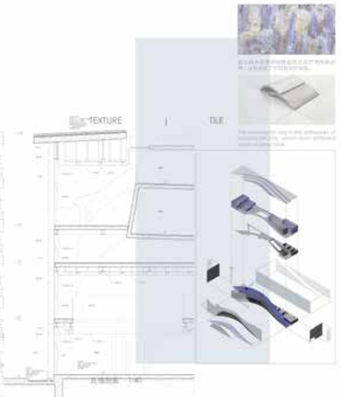


SURFACE SCHEMA

SECTION | ELEVATION



TEXTURE | TILE



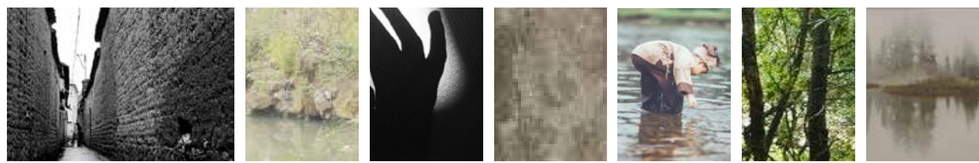
SURFACE DENSITY

光是能量，我们感受到的是能量，物质是重力场的条件，光线通过材料反射，这样我们就能看到材料的纹理，对特定物质表面的光的感知形成特定的纹理。

Light is energy. What we feel is energy, and matter is the condition for energy to exist. Light is reflected via the material so that we can see the texture of the material. The perception of light on the surface of a particular substance forms a specific texture.

VOLUMN | UNIT

Wall Design Project



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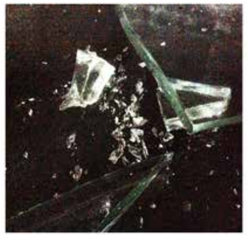
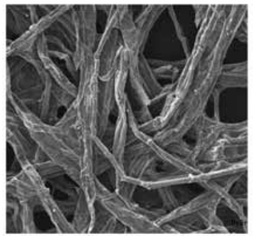




WALL IS GAP WHAT IS WALL?

SURFACE | GAP WALL IS GAP

F O R M | GAP THE IDEAL FORM

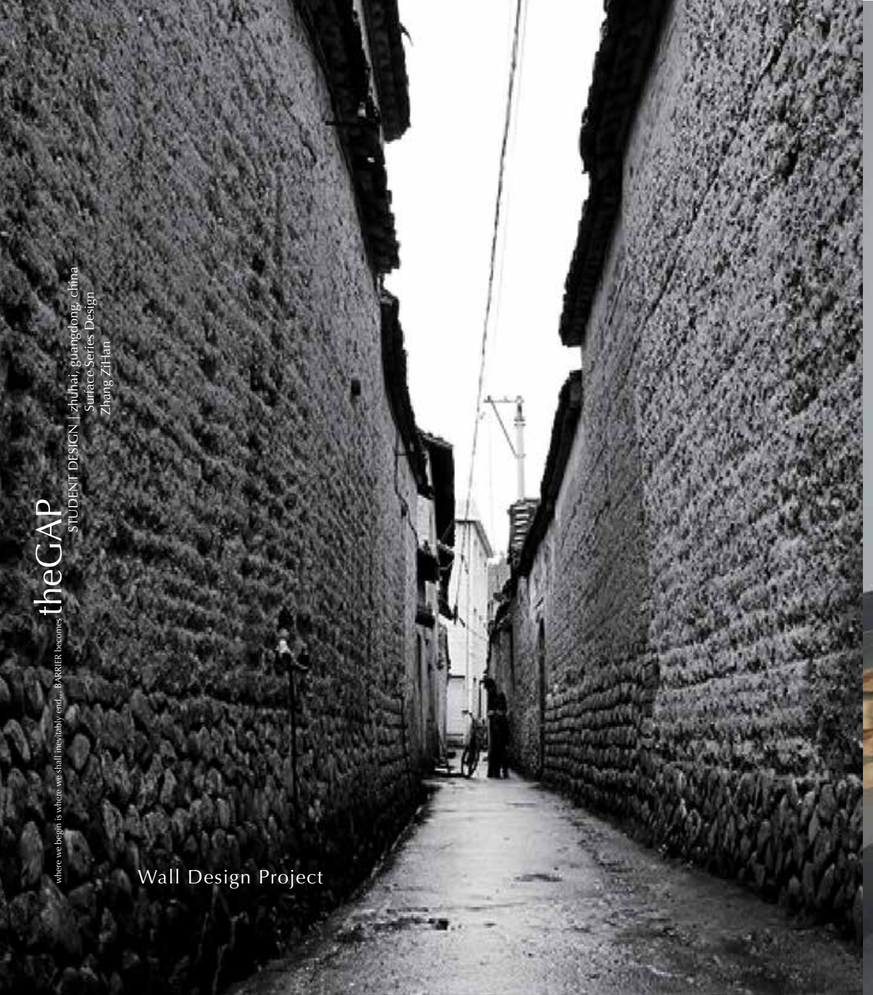
MATERIAL | FIBER IDEA| GAP

ENERGY | FLOWS IDEA| GAP

PHENOMENA | AFFECT IDEA| GAP

Wall Design Project

of SURFACE.



theGAP

STUDENT DESIGN | zhuhai, guangdong, china
Surface Series Design
Zhang ZiHan

where we begin is where we shall inevitably end... BARRIER becomes

Wall Design Project

of SURFACE.

Wall Design Project

of SURFACE.

theCONNECTOR

STUDENT DESIGN | zhuhai, guangdong, china

Surface Series Design

Guo Zenglie

where we begin is where we shall inevitably end... BOUNDARY becomes

Wall Design Project

of SURFACE.

Wall Design Project

of SURFACE.

theSHADOW

where we begin is where we shall inevitably end... TOUCHING becomes

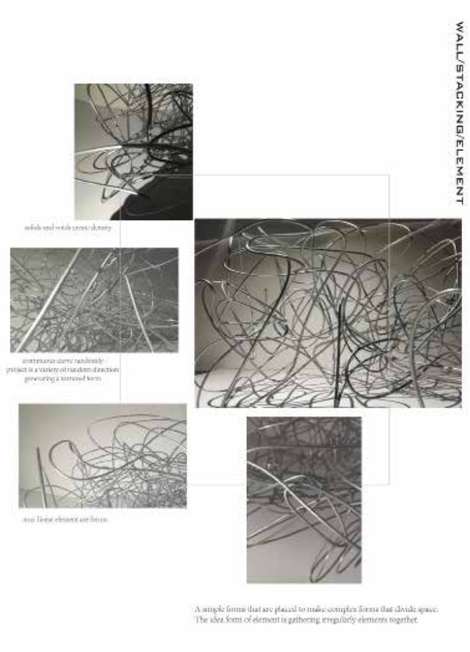
STUDENT DESIGN | zhuhai, guangdong, china

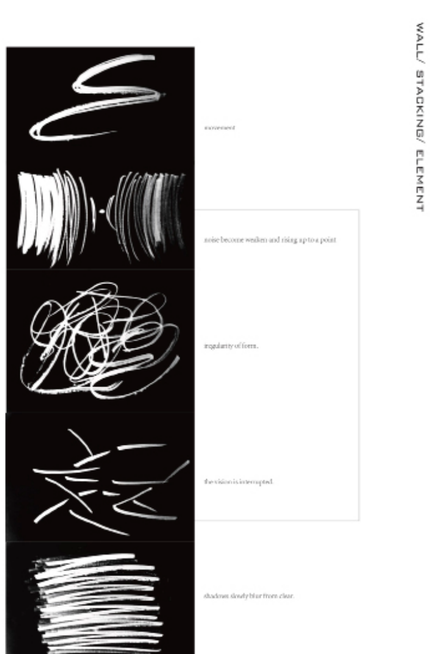
Surface Series Design

Liang YunKang

Wall Design Project

of SURFACE.





Wall Design Project

of SURFACE.

theELEMENT

STUDENT DESIGN | zhuhai, guangdong, china
Surface Series Design
Lin HuanHuan

where we begin is where we shall inevitably end... STACK becomes

Wall Design Project

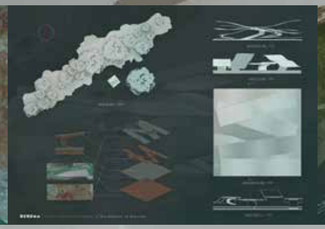
of SURFACE.

theRIVER

where we begin is where we shall inevitably end... AREA2005 becomes

STUDENT DESIGN | zhuhai, guangdong, china
Surface Forms Design
Li ZhouLong

Form Design Project



of SURFACE.

theRING

STUDENT DESIGN | zhuhai, guangdong, china

Surface Forms Design

Yan HuiYing

where we begin is where we shall inevitably enter. SURROUNDINGS becomes

Form Design Project

of SURFACE.

theROOT

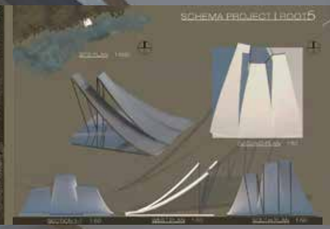
STUDENT DESIGN | zhuhai, guangdong, china

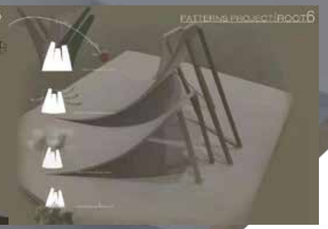
Surface Forms Design

Liang JieCheng

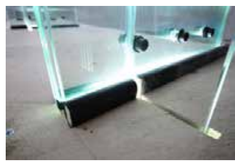
where we begin is where we shall inevitably end... ISLAND becomes

Form Design Project





of SURFACE.



Landscape + architecture Projects

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theFORCE

where we begin is where we shall inevitably end... COMPLETION becomes...

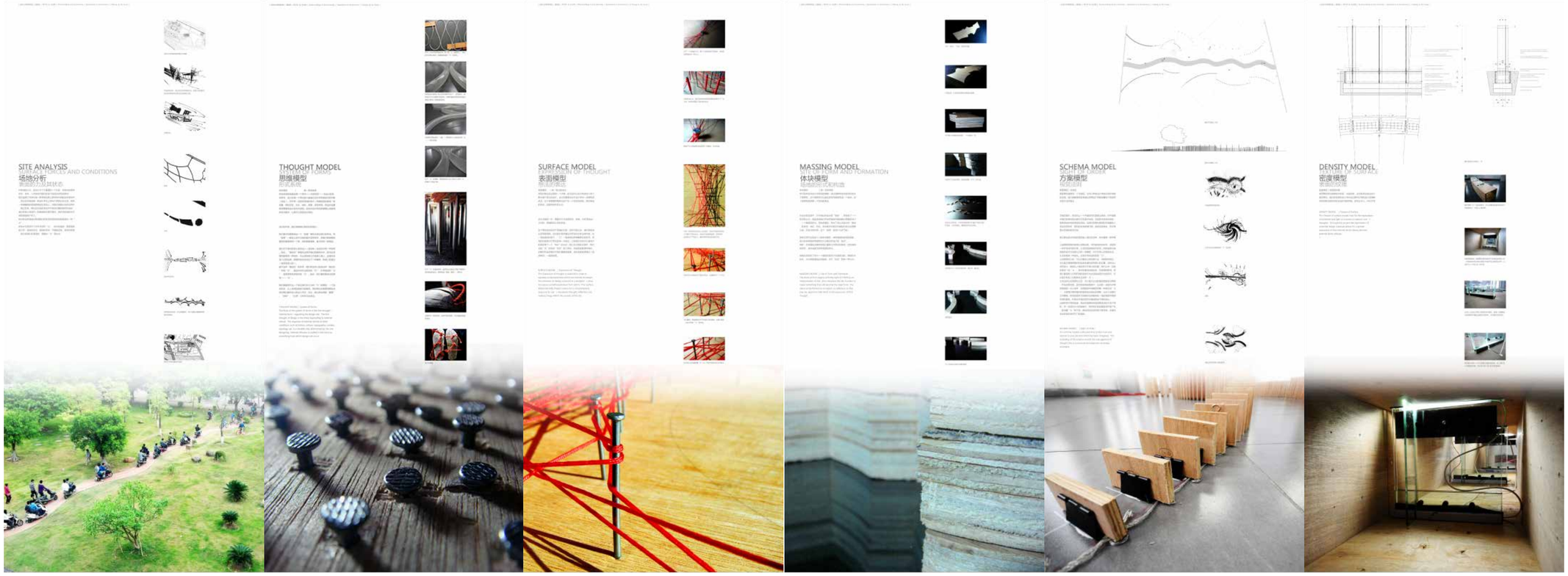
STUDENT DESIGN | zhuhai, guangdong, china

Landscape + Architecture Design

du yunYe, li ziYang

Landscape + architecture Projects

of SURFACE.


SITE ANALYSIS
场地分析
THOUGHT MODEL
思维模型
SURFACE MODEL
表面模型
MASSING MODEL
体块模型
SCHEMA MODEL
方案模型
DENSITY MODEL
密度模型

theDEBRIS

STUDENT DESIGN | zhuhai, guangdong, china

Landscape + Architecture Design

LI ChenYu

where we begin is where we shall inevitably end... SYMBIOSIS became

Landscape + architecture Projects

of SURFACE.

Landscape + architecture Projects

of SURFACE.

Design Build Proposals

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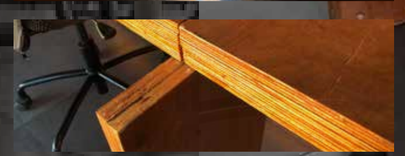
SITE ANALYSIS FIRST THOUGHT DESIGN IDENTITY DESIGN SCHEME DESIGN DENSITY DESIGN OBJECT

Design Build Proposals

of SURFACE.

theNET
STUDENT DESIGN | zhuhai guangdong, china
Architecture Department BOOKSTORE PROPOSAL
Zeng Wei

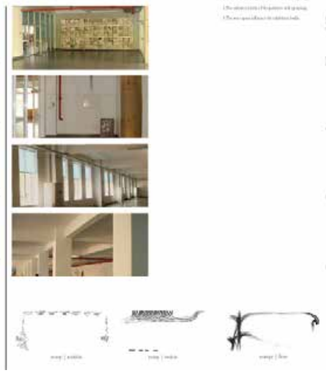
where we begin is where we shall inevitably end... BOOKSTORE become



exhibition

of SURFACE.

SITE ANALYSIS

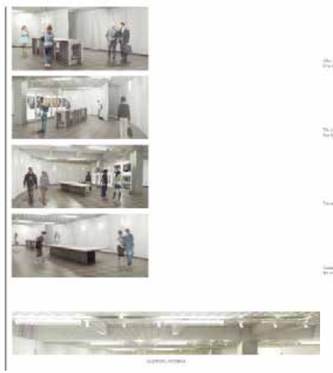


THOUGHT

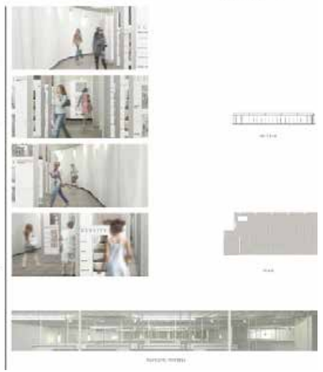
SCHEMA

DENSITY

OBJECTS



OBJECTS



Design Build Proposals

of SURFACE.

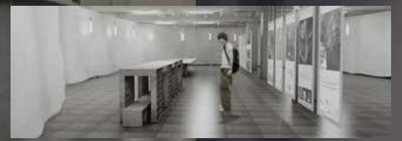
theBOUNDARY

where we begin is where we shall inevitably end... GALLERY become

STUDENT DESIGN zhuhai, guangdong, china

Architecture Department GALLERY PROPOSAL

GUO ZENGJIE



exhibition

Design Build Projects

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theWALL

where we begin is where we shall inevitably end :: GARDEN beyond

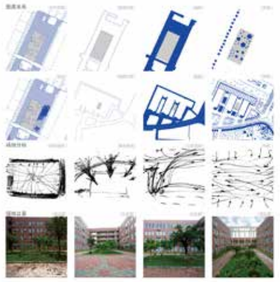
STUDENT BUILD | zhuhai, guangdong, ch

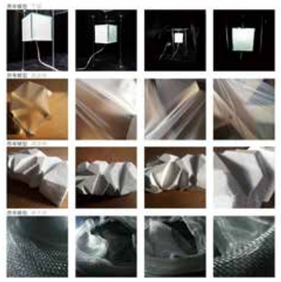
Architecture Departme

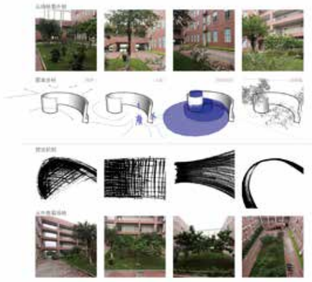
Li Ziyang, Ding Chen,

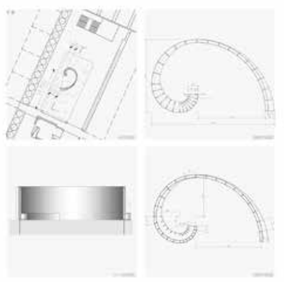
Design Build Projects

of SURFACE.









場地 想法 形式 識別 建構 執行 實體

Design Build Projects

of SURFACE.

CONVERGING MOMENTS

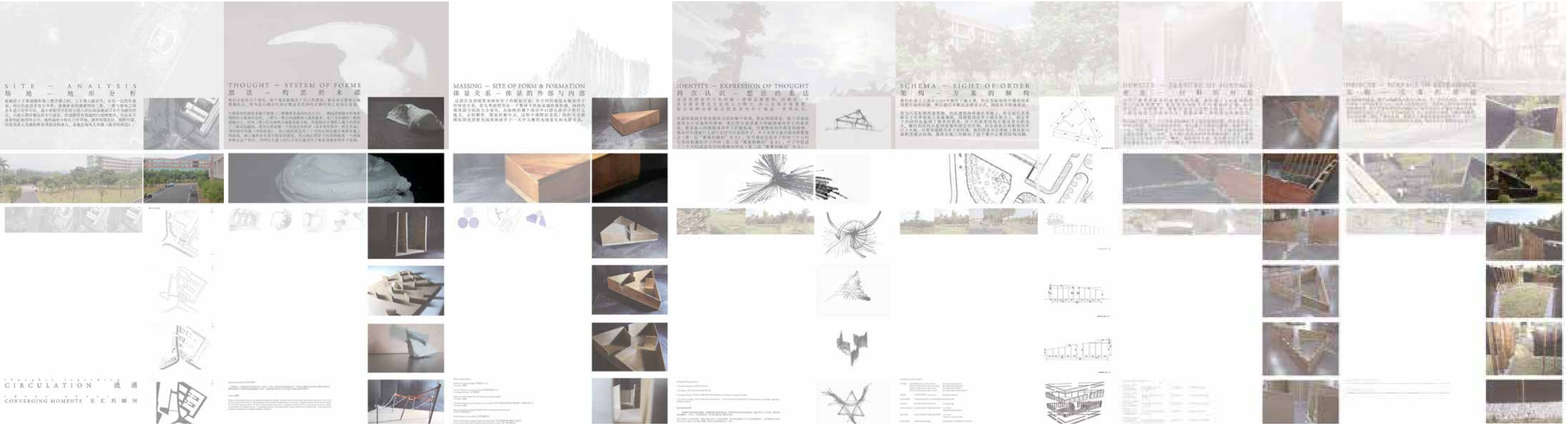
STUDENT BUILD | zhuhai, guangdong, china

Architecture Department Design Build
zhao weiXin, he minZhi, mei Hui, zhang wuXiong, wu zhiHao

where we begin is where we shall inevitably end... CIRCULATION become

Design Build Projects

of SURFACE.



Design Build Projects

of SURFACE.

theCONTAINER

STUDENT BUILD | zhuhai, guangdong, china

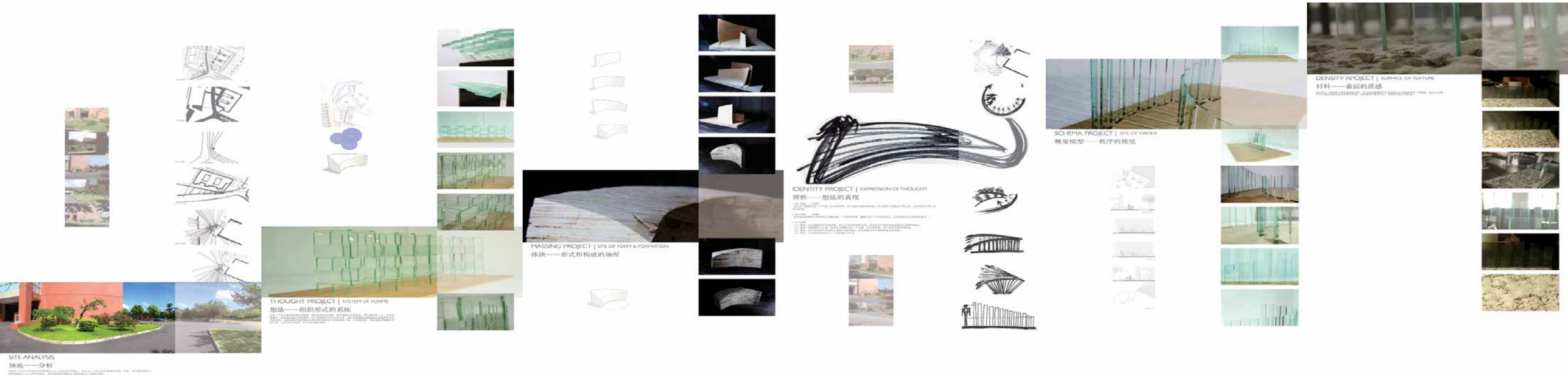
Architecture Department Design Build

du yunYe, tang zhaoHui, chen Xuan

where we begin is where we shall inevitably end... TRANSPARENCY become

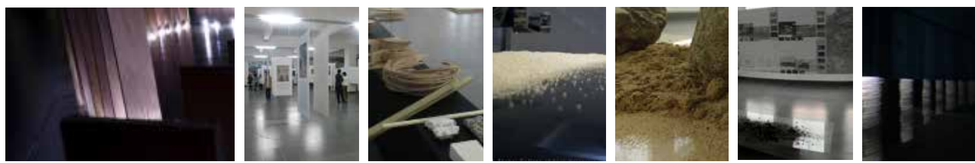
Design Build Projects

of SURFACE.



Design Build Projects

of SURFACE.



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Exhibitions

PATHproject

student EXHIBITION | zhuhai, guangdong, china
Zhuhai College Student Design
du yunYe, li ziYang

where we begin is where we shall inevitably end... COMPULSION become

exhibition

of SURFACE.

theWORLD

teacher EXHIBITION | Zhuhai, guangdong, china
photographer | Zhao Wei
curator | json Bailey

where we begin is where we shall inevitably end...

exhibition

of SURFACE.

threeTHOUGHTS

where we begin is where we shall inevitably end... PAVILIONS become

student EXHIBITION | Zhuhai, guangdong, china

Zhuhai College Student Design Build

zhao WeiXin, du yunYe, li ziYang

exhibition

of SURFACE.

theINSTRUMENT
SOLO EXHIBITION | zhuhai, guangdong, china
HengQin Landscape Design Proposal
json Bailey

where we begin is where we shall inevitably end... LANDFORMS become

exhibition

Water Garden | Broken Glass | 1m x 2m

Soft Path | White sand | 1m x 2m

Surface of Light | Stone | Light | PVC tubes | 1m x 2m

surfaceSITES

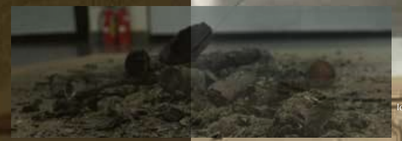
EXHIBITION | zhuhai, guangdong, china

Zhuhai College Site Designs

Guo Zenglie, Zhang Zihan, json Bailey

where we begin is where we shall inevitably end... PLACE become

exhibition



Ideal form model | Guo Zenglie

Ideal form model | Zhang Zihan

Ideal form model | bailey, Json

of SURFACE.

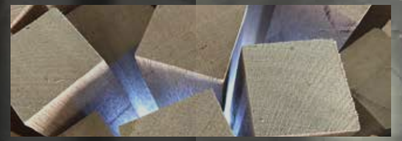
surfacePOTENTIALS

where we begin is where we shall inevitably end... SITES become

EXHIBITION | Zhuhai, guangdong, china
Graduation Designs
Liang YunKang, Huang QiHua, Zhang ZiHan, Guo Zenglie

exhibition

Surface model | Huang Qihua



Surface model | Guo Zenglie

Surface model | Zhang Zihan

Surface model | Liang YunKang

of SURFACE.

surfaceFORMATION

EXHIBITION | Zhuhai, guangdong, china
Zhuhai College Library and Gallery Designs
Lin HuanHuan, Yang Huijing, Chen Heng

where we begin is where we shall inevitably end... INTERIOR become

exhibition

Formation model | Lin HuanHuan

Formation model | Yang Huijing

Formation model | Chen Heng

of SURFACE.

What does it mean to learn?

Learning is a matter of internalizing thoughts that exist spatially.

Once thoughts that exist are internalized the learning body no longer thinks thoughts.

One merely expresses that which needs no thought.

I cannot teach anyone to design that which is beyond them to form.

Perhaps it I possible for me to converse regarding one's ability to sense that within the world is sensible.

Then to form that which is a response may emerge if one can form within a framework of architectural rules that govern objects.

Why do we learn?

&

How do we learn?

studio

of SURFACE.

Becoming...

What then is a student?

A student is the one in time.

Alas, an observer, an absorber and critic of the moments before them.

The potential of thoughts pondered will inevitably reveal the observant student,

the absorbent student,

the critical student has thoughts that can benefit others.

Only then will the student have thoughts worthy of exchange.

A students are potential…

studio

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Effortless...

What are you presenting to others? Your work is never a product of this moment. The work you produce is always projecting the limits of your mind. Your work is always past and future if you have an imagination. If, you know what your imagine then your work is projecting you into time.

But where is time?

Time is not spatial. Please, do not continue to repeat that time and space mess you hear from others. You are architects or students of architecture not physicist. Time is in the mind not the visible spectrum. Often uttered incessantly about by those whom wilt upon a mild challenge due to their lack of awareness.

But when is time?

The time of within the mind is not the time of the images (renderings) on the screen or paper before one. Where are you operating? In the past, present or future? Do you know how to imagine or are you just copying what you 'hope' is good because you do not know what is valuable?

Is your work valuable? If so who values your efforts?

unidentified...

studio

of SURFACE.

within the **Mindful**...

Design is never a matter of what I like.

What I like only seeks to address what I sense within a determined moment.

Design is beyond my momentary glance.

To glance is not to internalize the essence of thought reflected upon in order that

Experiences become...

Become what?

To become is to affect how others perceive the world before them.

How does one affect the perception of?

To affect is to call the surfaces of the body to a moment in time within the experience

Of forms to exchange responses...

studio

of SURFACE.