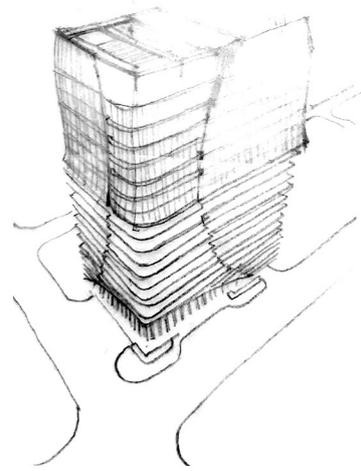
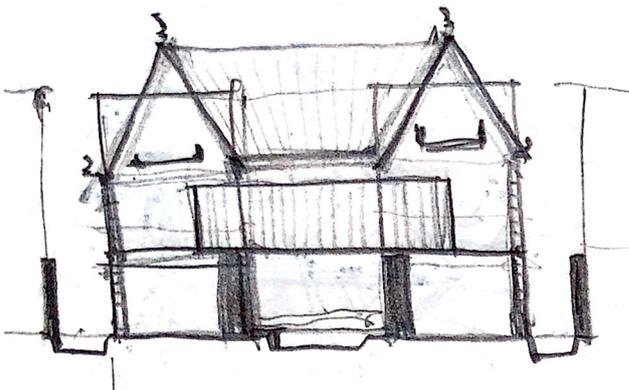
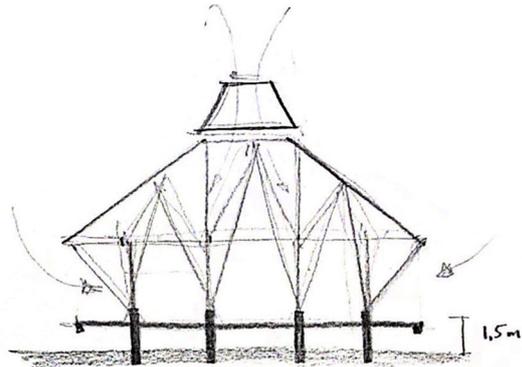
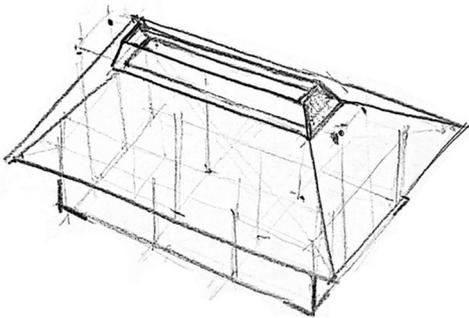


LEAKHENA SETHA
ARCHITECT'S PORTFOLIO
SELECTED WORKS 2026
COMMERCIALS.



CONTENT.

1 COVER

2-3 CONTENT

4-5 CURRICULUM VITAE

6-7 PROJECTS LIST

7-8 SELECTED WORKS

8-13 INTERIORS

14-17 HOTELS

18-19 REAL ESTATE

20-21 CIVIL

22-23 INDUSTRIAL

24 END.

PROFILE

LN
GN
POB
DOB
NAT
ETH

**SETHA
LEAKHENA**
Phnom Penh, Cambodia
08 September 1987
Cambodian
Khmer

CONTACT

EMAIL leakhena.setha@gmail.com
CELL +855(0)96542228

EDUCATION

2005-2010 **MOSCOW INSTITUTE OF ARCHITECTURE
(STATE ACADEMY) (MARCHI)**
MOSCOW, RUSSIA
BACHELOR OF ARCHITECTURE

2003-2005 **REGENT SCHOOL OF BUSINESS**
PHNOM PENH, CAMBODIA
DIPLOMA IN BUSINESS STUDIES

INTERNSHIP & TRAINING

2009 **THE VANN MOLYVANN PROJECT**
PHNOM PENH, CAMBODIA
INTERN
• Survey and documentation of heritage buildings by Vann Molyvann

2019 **ANDO PROGRAMME 2019** OSAKA, JAPAN
ALUMNUS
• General training at Obayashi Corporation: construction, design and engineering technology
• Tadao Ando's works study
• Interview with the architect

VOLUNTEERING

2010 **THE VANN MOLYVANN PROJECT**
PHNOM PENH, CAMBODIA
PROJECT STAFF
• Worked on surveys, free-hand, CAD drawings, drafting, and building physical models of heritage buildings

2012 **ROYAL UNIVERSITY OF FINE ARTS**
PHNOM PENH, CAMBODIA
ARCHITECTURAL INSTRUCTOR
• Temporary instructor/Project advisor to architectural students on bachelor's thesis.

DESIGN SOFTWARE SKILLS

| | | |
|----------|---|--|
| ADVANCED | AUTOCAD REVIT 5D RENDER+ | SKETCHUP LUMION ADOBE DESIGN SUIT |
| BASIC | ARCHICAD VRAY | ENSCAPE RHINO 3D |

LANGUAGES

| | |
|--------------|--------------------------------------|
| PROFESSIONAL | KHMER RUSSIAN ENGLISH |
| BASIC | JAPANESE FRENCH |

ARCHITECT'S THOUGHT

My becoming an architect was accidental, my maintenance of being one is hope. I design to build for the end user providing every details be taking account to the millimetre. I am in search of societies where architects are valued as visionaries of sustainable living and be a crucial part of it.

CURRICULUM VITAE

PRO EXPERIENCE

2019-PRESENT **NIRON STUDIO** . PHNOM PENH, CAMBODIA
www.niron.asia
PRINCIPAL ARCHITECT (OWNER)
• Initiated in-house conceptual, research and development projects
• Handled clients' design work from concept design to construction phases on interior and exterior architectural projects
• Managed creative process and construction implementation of test project on modular wooden prefab house
• Oversaw progress in construction, new construction and renovation, in liaison with consultants, contractors, and crafters
• Communicated with clients on budget revisions, quotations adjustments and procurement.

2017-2019 **T3 ARCHITECTS** . PHNOM PENH, CAMBODIA
PROJECT MANAGER
• Managed construction sites
• Designed projects focuses on sustainable building design and interior architecture
• Led designs in liaison with consultants and French clients.

2016-2017 **MAD CREATIVE** . PHNOM PENH, CAMBODIA
DIRECTOR OF ARCHITECTURE
• General management of design progress, scheduling, budgeting and communication of projects
• Managed design team and quality control over finished design and approvals
• Curated with designers and clients over design process, schedules, budgets and over planning of projects
• Coordinated tasks between contractors, suppliers, clients, and designers
• Prepared staff training and lead internal on-site and off-site training programmes and discussion panels with designers.
DESIGN MANAGER
• Designed interior projects on conceptual and development phases
• Prepared design documents approval and sign-off
• Handled recruitment process for the graphic and architectural designers.

2013-2016 **ARCHETYPE GROUP** . PHNOM PENH, CAMBODIA
DEPUTY ARCHITECTURAL DESIGN MANAGER / ARCHITECT Level IV
• Led a team leader in urban design, industrial, healthcare projects
• Implemented and managed of design process, collaborating with design director, managers and consultants
• Designation on all design stages, communication with clients and consultants.
• Produced full design documentations
• Supervised construction sites and curated construction materials
ARCHITECT Level II, III
• Led architectural team for urban planning projects, delivery of all design stages in contract, monitor design progress.
• Delivered designs to project owners under supervision of senior architects, introduction to BIM implementation.

2010-2011 **ARCHITECT Level I**
• Participated in a large-scale residential development on Koh Puos Island, Sihanoukville, Cambodia; an extension of Siem Reap Airport and other projects in rushed deadlines.
• Worked on drafting, organising 2D drawings files, completion of detailed documents in collaboration with work team, urban planning, and architecture design supervisors and managers.

2012 **FREELANCE ARCHITECT** . PHNOM PENH, CAMBODIA
• Designed various independent projects in conceptual stages, proposals for small-scale commercial buildings, collaboration with various designers on residential developments.
• Worked on concept designs, preliminary design, details designs and prepared construction documents, and building license.

2011 **HOK KANG ARCHITECTS** . PHNOM PENH, CAMBODIA
JUNIOR ARCHITECT
• Designed small intimate projects for local clients
• Worked on designs for a public place project the confluence as a continuation of the principle's concept, head start on prefabricated housing concept in Cambodia.

2010 **OVERSEAS CAMBODIA INVESTMENT CORPORATION . OCIC** . PHNOM PENH, CAMBODIA
PROJECT ARCHITECT
• Managed a multifunctional City Hall of Diamond Island development
• Designed for façades re-design, exterior and interior detailing, site management, architectural and structural drawings check.
• Worked in liaison with A7 Corporation team in Bangkok, Thailand.



PROJECTS LIST

NIRON STUDIO 2019-2026

- **UDONG PREFAB HOUSE:** FULL DESIGN+PROJECT MANAGEMENT
PHNOM PENH, CAMBODIA
- **UDONG PREFAB WORKSHOP:** CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **MEKONG VILLA:** FULL DESIGN
PHNOM PENH, CAMBODIA
- **LORRY SERVICE AND REPAIR STATION:** CONCEPT DESIGN+
PHNOM PENH, CAMBODIA
- **MOBILE COFFEE BRANCH:** CONCEPT DESIGN+
PHNOM PENH, CAMBODIA
- **TATAI RESORT AMINITIES BUILDING:** CONCEPT DESIGN+
TATAI, KOH KONG, CAMBODIA
- **VGT OFFICE DESIGN :** RENOVATION. DESIGN & CONSTRUCTION LIAISON
PHNOM PENH, CAMBODIA
- **KOH CHVEANG MASTER AND VILLA:** PRECONCEPT DRAFT
KOMPONG CHHNANG, CAMBODIA
- **MAKERS WOODSHOP:** DESIGN & CONSTRUCTION LIAISON
PHNOM PENH, CAMBODIA
TAKHMAU, CAMBODIA
- **WOOD HOUSE :** FULL DESIGN
TA KHMAU, CAMBODIA
- **BEFAN WELNESS STUDIO :** FULL DESIGN
PHNOM PENH, CAMBODIA
- **LL FITNESS STUDIO :** FULL DESIGN
PHNOM PENH, CAMBODIA
- **LH RESIDENTIAL BUILDING :** CONCEPT DESIGN & BASIC DRAWINGS
PHNOM PENH, CAMBODIA
- **VINE RETREAT COMPETITION :** SHORT-LISTED PROJECT
KEP, CAMBODIA
- **NIRON HOUSE :** PREFAB MODULAR TEST PROJECT
TA KHMAU, CAMBODIA
- **NIRON VILLAGE:** SELF-SUSTAINING RESIDENTIAL COMPOUND
KANDAL, CAMBODIA

T3 ARCHITECTS 2017-2019

- **PARLIMENTARY INSTITUTE OF CAMBODIA :** DESIGN & CONSTRUCTION LIAISON
PHNOM PENH, CAMBODIA
- **BATTAMBANG VILLA :** CONCEPT DESIGN
BATTAMBANG, CAMBODIA
- **SIEM REAP ART EXHIBITION BUILDING :** CONCEPT DESIGN
SIEM REAP, CAMBODIA
- **PASTUER INSTITUTE .** TENDER DOCUMENTS
PHNOM PENH, CAMBODIA
- **JAVA CAFE .** CONSTRUCTION LIAISON
PHNOM PENH, CAMBODIA

MAD CREATIVE 2016-2017

- **PIPAY BANKING OFFICE :** CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **PIPAY BUILDING ROOFTOP :** CONCEPT DESIGN & BASIC DRAWINGS
PHNOM PENH, CAMBODIA
- **MAD CREATIVE HEAD OFFICE :** CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **YELLOW TREE OFFICE :** CONCEPT DESIGN & BASIC DRAWINGS
PHNOM PENH, CAMBODIA

ARCHETYPE GROUP 2013-2016

- **CICML FOOD SAFETY LABORATORY** for Foundation Muearuex : FULL DESIGN & CONSTRUCTION SUPERVISION . VIENTIAN, LAOS
- **FCC (FORIEGN CORRESPONDENT CLUB):** CONCEPT DESIGN. RENOVATION & EXTENTION . PHNOM PENH, CAMBODIA
- **VS HOTEL:** FEASIBILITY STUDY & CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **HONG KONG LAND PARKING FACILITIES:** FEASIBILITY STUDY & CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **VKIRIROM MASTERPLAN:** DETAILS DRAWINGS & PERMIT DOCUMENTS
KOMPONG SPEU, CAMBODIA
- **SIHANOUKVILLE AIRPORT** for Cambodia Airport: CONCEPT DESIGN FOR RENOVATION & EXTENSION . SIHANOUKVILLE, CAMBODIA

ARCHETYPE GROUP 2010-2011

- **LAURELTON DIAMOND MANUFACTURING FACTORY :** EXTENSION AREA
HAI DUONG, VIETNAM
- **LAURELTON JEWELRY MANUFACTURING FACILITITES :** CONCEPT DESIGN
BANGKOK, THAILAND
- **NAMTHA MASTERPLAN.** FEASIBILITY STUDY & CONCEPT RESIDENTIAL PLAN
NAMTHA, LAOS
- **PAKTHANG MASTERPLAN.** FEASIBILITY STUDY & CONCEPT RESIDENTIAL PLAN
VIENTIAN, LAOS
- **KOMPONG THOM MEETING HOUSE :** TECHNICAL DESIGN
KOMPONG THOM, CAMBODIA
- **SIEM REAP AIRPORT :** EXTENSION AREA
SIEM REAP, CAMBODIA
- **KUOS RESIDENTIAL COMPOUND :** BASIC AND TECHNICAL DRAWINGS
SIHANOUKVILLE, CAMBODIA
- **LUCKY BURGER FOOD COURT :** INTERIOR CONSTRUCTION
PHNOM PENH, CAMBODIA

FREELANCE 2012

- **COFFEE SHOP :** CONCEPT DESIGN
PHNOM PENH, CAMBODIA
- **OUTDOOR FOOD COURT :** CONCEPT DESIGN
SIEM REAP, CAMBODIA
- **TRADITIONAL SAIL BOAT :** SURVEY & BASIC DRAWINGS
PHNOM PENH, CAMBODIA
- **KOH KONG MANGROVE RESORT :** CONCEPT DESIGN & COST ESTIMATION
PHNOM PENH, CAMBODIA
- **VEAL SBOV CONDOMINIUM :** TECHNICAL DRAWINGS
PHNOM PENH, CAMBODIA

HKA 2011

- **RIVERSIDE PLANNING 'CONFLUENCE':** BASIC DESIGN
PHNOM PENH, CAMBODIA
- **PRIVATE VILLA :** CONCEPT DESIGN
PHNOM PENH, CAMBODIA

OCIC 2010

- **DIAMOND ISLAND CITY HALL :** DESIGN & CONSTRUCTION LIAISON
PHNOM PENH, CAMBODIA

LL FITNESS INTERIOR DESIGN

HIGH-CLASS FITNESS STUDIO

BRIEF

TYPE: HEALTH & WELLNESS

CLIENT: LORENZO LANZAFAME

LOCATION: PHNOM PENH, CBD

ARC COMPANY: NIRON STUDIO

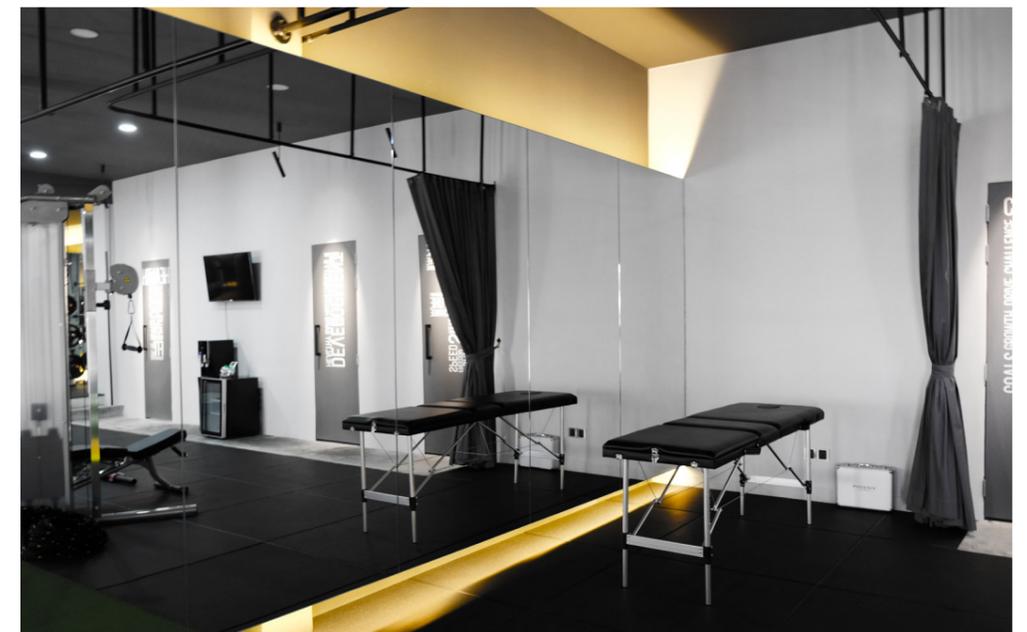
SCOPE: FULL DESIGN & PROJECT MANAGEMENT

STATUS: COMPLETE 2020

LEAKHENA'S ROLE: FULL DESIGN, PROCUREMENT, SUPERVISION, PM

IN SHORT

The client gave an important mission to maximise the 62 sqm of white-columns-and-walls room to turn into a gym space with 4 areas of reception with a merch shelf, weight-lifting and free gym space, and physiotherapy corner. With no exception, the design does not neglect the necessity of 17 sqm of a changing room, shower room, and washroom. This is the first branded design for the client and a design template for their next spaces for expanding the business.



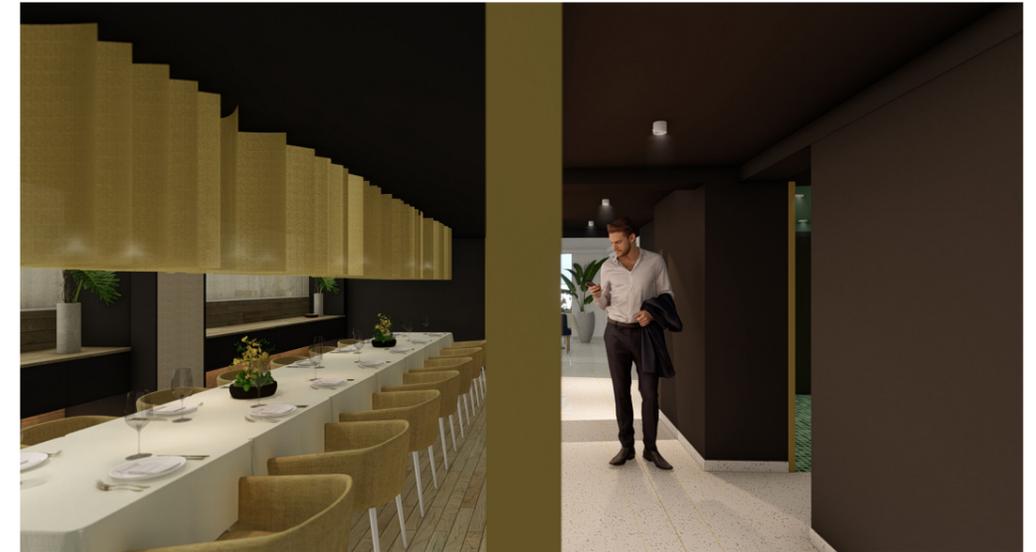
INTERIOR DESIGN FOR SOMBOK BRASSERIE

BRIEF

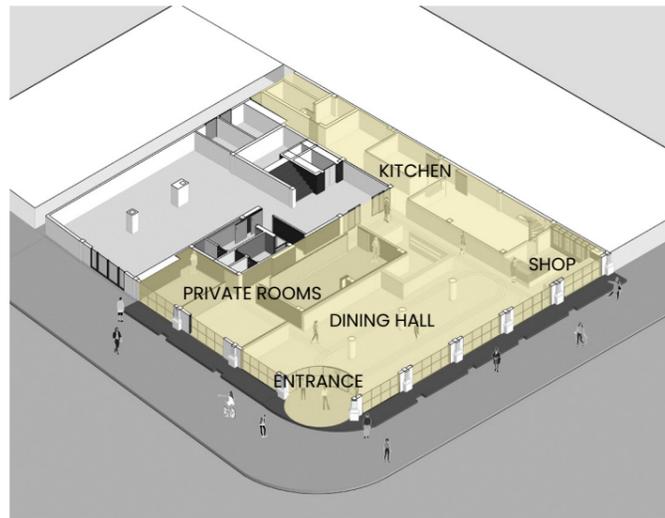
TYPE: INTERIOR/F&B/RENOVATION
 CLIENT: RESTAURANTS COLLECTION
 LOCATION: PHNOM PENH, CBD
 ARC COMPANY: NIRON STUDIO
 TASK: CONCEPT PLANNING AND TECHNICAL DESIGN
 AREA: 400 SQM
 STATUS: 2021 COMPLETE (DECORS MODIFIED)
 LEAKHENA'S ROLE: DESIGN . 3D MODELLING . RENDERING . TECHNICAL DRAWINGS

IN SHORT

Project formed to reflect uniqueness of a fine-dining institution where professional capacity is heavily based on feminine concept from staff to architecture.

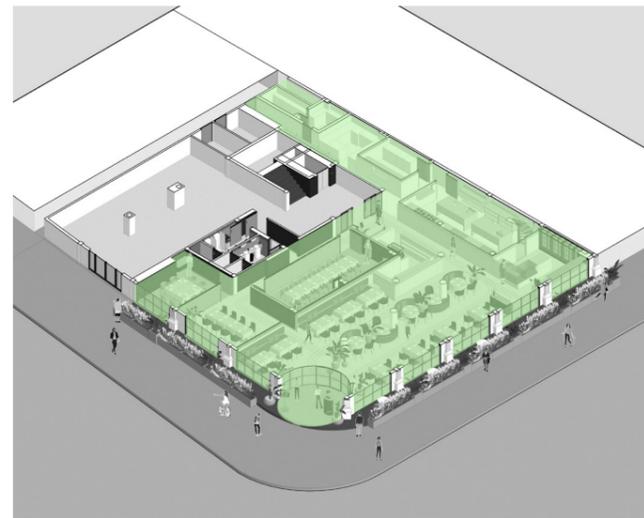


DESIGN LAYERS



EXISTING SPACE

Specific areas are designated for dining, circulation, back of house and cooking.



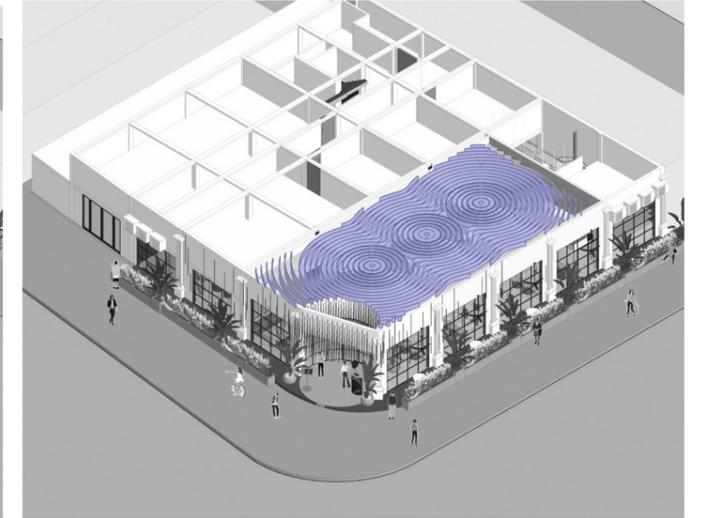
DINERS VIEWS

Arranged to accommodate different diners' comfort and access to privacy, seats are designed to give different and interesting views on each visits.



SPACE EXTENSION SURFACE

Given a narrow disadvantage of existing space, wall mirrors are placed to enlarge main dining area.



NEST DRAPERY

Presented by layers of soft silky fabric hung from the ceiling to the upper side of the walls in the main dining hall.

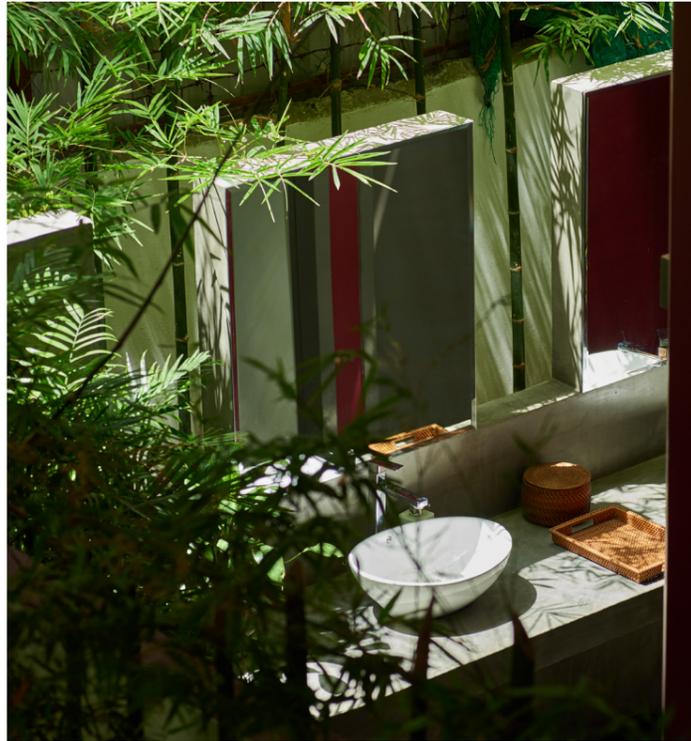
JAVA CAFE DESIGN CONSTRUCTION LAISON

BRIEF

TYPE: F&B
CLIENT: JAVA CAFE
LOCATION: PHNOM PENH, CBD
ARC COMPANY: T3 ARCHITECTS
SCOPE: FULL DESIGN & PROJECT MANAGEMENT
STATUS: COMPLETE 2018
LEAKHENA'S ROLE: PROCUREMENT & CONSTRUCTION MANAGEMENT

IN SHORT

To further the business, Java Cafe rebranded with creative design of thier space into 2 day functions: cafe in the AM and entertainment in the PM. The entertainment feature is a smart theatre, smartly hidden in dark grey box to not abstract the whole space. The client stayed true to thier sustainable self where close to 2/3 of the site is naturally ventilated.



FCC CONCEPT DESIGN

COLONIAL BUILDING RENOVATION

BRIEF

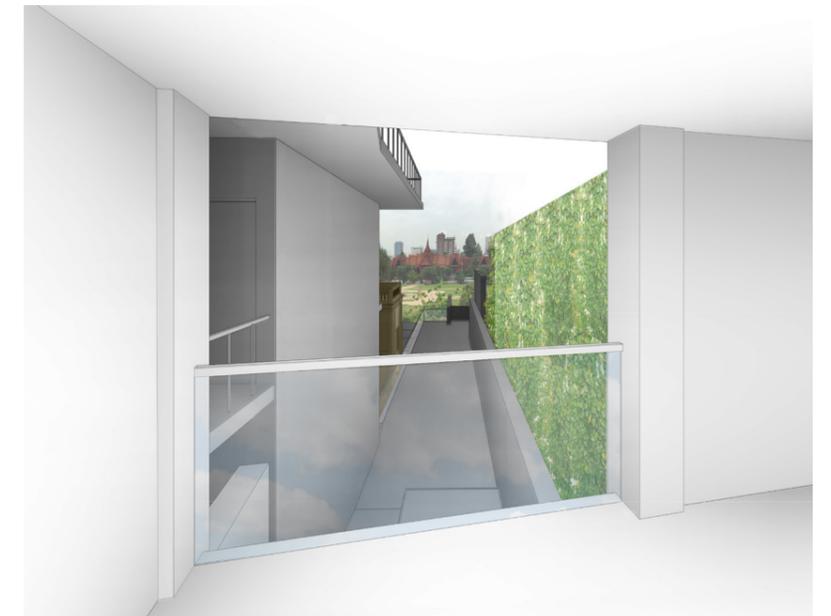
TYPE: RENOVATION
 CLIENT: RMA
 LOCATION: PP, CBD
 ARC COMPANY: ARCHETYPE GROUP
 TASK: FEASIBILITY STUDY & CONCEPT
 STATUS: 2015, UNDER CONSTRUCTION
 LEAKHENA'S ROLE: DESIGN, 3D MODELLING.

IN SHORT

STUDYING CONCEPT OF EXTENSION OF FCC HOTEL SITS IN COLONIAL ROWHOUSE ON THE RIVERSIDE. THE AMBITION OF THE CLIENT IS THE ADDITION OF THE COLONIAL VILLA AT THE BACK OF THE PROPERTY. THE OLD HOUSE IS ALSO PLANNED TO MASSIVELY BE RENOVATED INTO A MORE FUNCTION AND CLEANER USABLE AREA.



MANSION FACADE



VIEW TO ROYAL PALACE



Existing building Extension building Neighbouring building



Existing building Extension building Neighbouring building



Existing building Extension building Neighbouring building

VS HOTEL

CONCEPT STANDARD HOSPITALITY

BRIEF

TYPE: HOSPITALITY
 CLIENT: PRIVATE
 LOCATION: PP, CBD
 ARC COMPANY: ARCHETYPE GROUP
 TASK: FEASIBILITY STUDY & CONCEPT DESIGN & ROOM CONCEPT
 AREA: 2000 SQM
 STATUS: CONCEPT CHANGED
 LEAKHENA'S ROLE: DESIGN, 3D MODELLING, PRESENTATION

IN SHORT

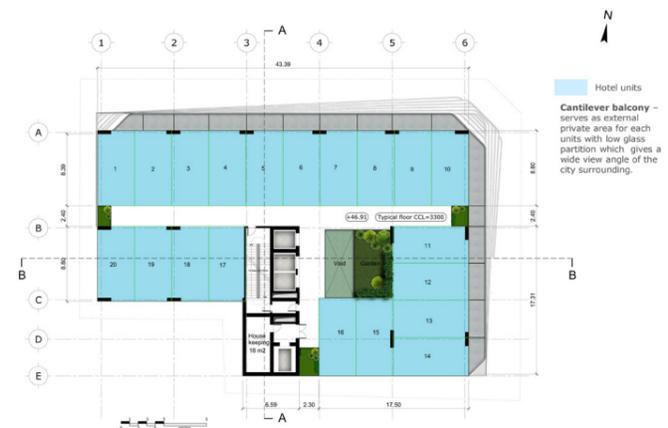
THE OWNER'S REQUEST IS TO STUDY PROFITABLE AREA THE BUILDING IS DESIGNED WITH STRATEGIES OF INCORPORATING A HIDDEN ENTRANCE WITH NATURAL COOLING AREA, AN ATRIUM AT LOBBY, SUSPENDED GARDENS AND ROOFTOP POOL.



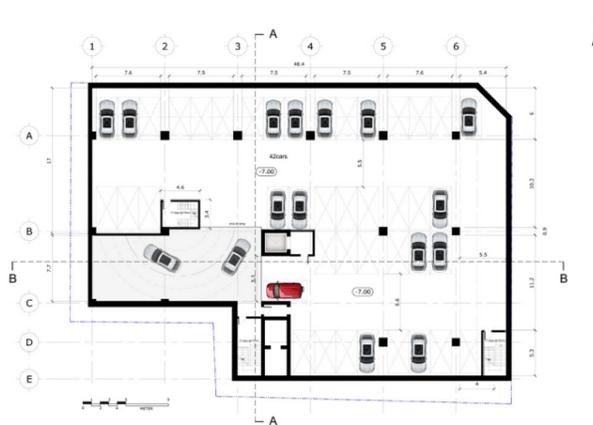
4.2 [Ground floor plan]



4.5 [Typical hotel floor plan]



4.10 [Basement 2]



NOTABLE REAL ESTATE PROJECTS

KOH POU RESIDENCES

TYPE: REAL ESTATE
CLIENT: KPIG
LOCATION: SIHANOUVILLE
ARC COMPANY: ARCHITYPE GROUP
SCOPE: FULL DESIGN
STATUS: 2011
LEAKHENA'S ROLE: TECHNICAL DESIGN



VEAL SBOV CONDOMINIUM

TYPE: APARTMENT RENTAL
CLIENT: PRIVATE
LOCATION: PHNOM PENH, CBD
ARC COMPANY: JEREMIE REB
SCOPE: TECHNICAL DESIGN
STATUS: COMPLETE 2012
LEAKHENA'S ROLE: FULL DESIGN, 3D&2D, TECHNICAL



LH MIXED-USE BUILDING

TYPE: RESIDENTIAL+COMMERCIAL
CLIENT: LY FAMILY
LOCATION: PHNOM PENH, CBD
ARC COMPANY: NIRON STUDIO
SCOPE: FULL DESIGN
STATUS: 2019, UNDER CONSTRUCTION
LEAKHENA'S ROLE: FULL DESIGN



NOTABLE CIVIL PROJECTS

PASTUER INSTITUTE

TYPE: HEALTH
 CLIENT: PASTUER INSTITUTE & LABORATORIES
 LOCATION: PHNOM PENH, CBD
 ARC COMPANY: T3 ARCHITECTS
 SCOPE: FULL DESIGN & PROJECT MANAGEMENT
 STATUS: COMPLETE 2018
 LEAKHENA'S ROLE: TECHNICAL DESIGN, PROCUREMENT



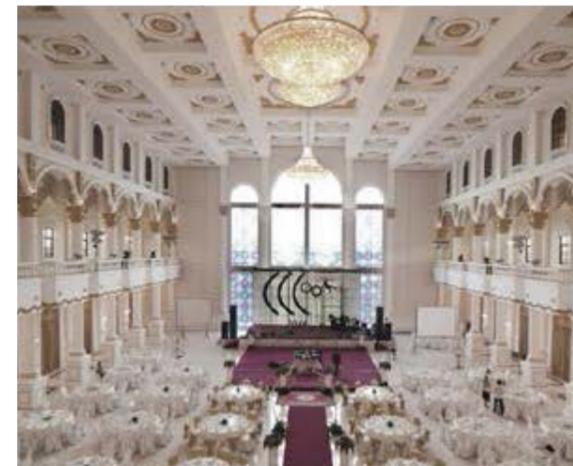
SIHANOUVILLE AIRPORT

TYPE: AVIATION
 CLIENT: CAMBODIA AIRPORTS
 LOCATION: SIHANOUKVILLE, CBD
 ARC COMPANY: ARCHITYPE GROUP
 SCOPE: CONCEPT STUDY
 STATUS: CONCEPT 2016
 LEAKHENA'S ROLE: CONCEPT DESIGN



DIAMOND CITY HALL

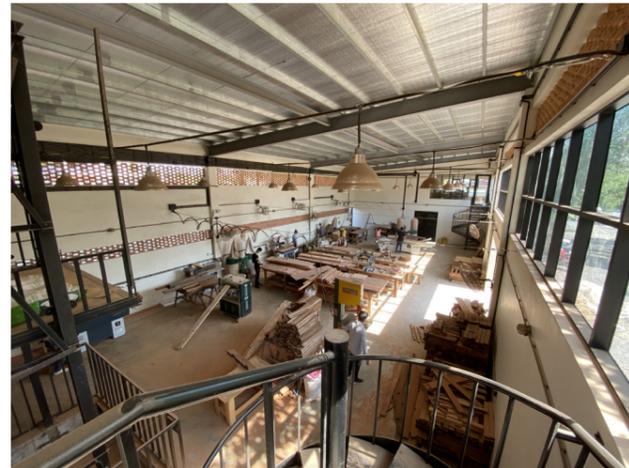
TYPE: ENTERTAINMENT
 CLIENT: OCIC
 LOCATION: PHNOM PENH, CBD
 ARC COMPANY: OCIC
 SCOPE: FULL DESIGN & SUPERVISION
 STATUS: COMPLETE 2010
 LEAKHENA'S ROLE: DESIGN & SUPERVISION



NOTABLE INDUSTRIAL PROJECTS

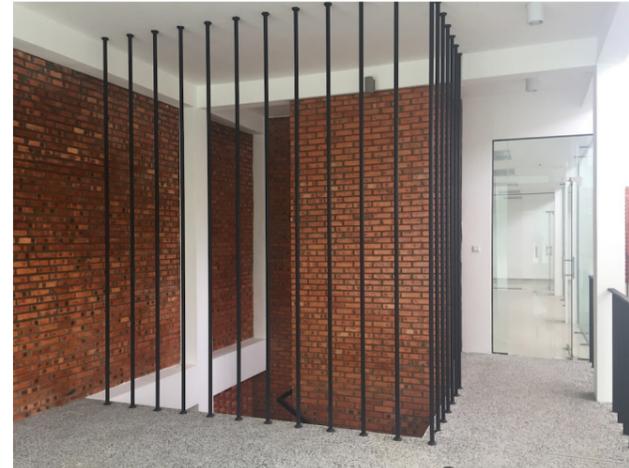
WOOD WORKSHOP

TYPE: PRODUCTION & CRAFT
 CLIENT: MAKERS CARPENTRY
 LOCATION: KANDAL, CBD
 ARC COMPANY: NIRON STUDIO
 SCOPE: CONCEPT PLANNING & TECHNICAL DESIGN
 STATUS: COMPLETE 2021
 LEAKHENA'S ROLE: FULL DESIGN & PROJECT MANAGEMENT



CICML

TYPE: FOOD SAFETY LABORATORY
 CLIENT: MERIEUX FOUNDATION
 LOCATION: VIENTIANE, LAOS
 ARC COMPANY: ARCHETYPE GROUP
 SCOPE: FULL DESIGN & PROJECT MANAGEMENT
 STATUS: COMPLETE 2016
 LEAKHENA'S ROLE: TECHNICAL DESIGN & SUPERVISION



LARELTON DIAMOND MANUFACTURING FACILITIES

TYPE: MANUFACTURING
 CLIENT: LARELTON DIAMONDS
 LOCATION: HAI DOUNG, VIETNAM
 ARC COMPANY: ARCHETYPE GROUP
 SCOPE: EXTENSION DESIGN/RENOVATION
 STATUS: COMPLETE 2015
 LEAKHENA'S ROLE: CONCEPT DESIGN



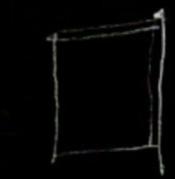
ASEAN DEPARTMENT

TYPE: INSTITUTION
 CLIENT: SENATE OF CAMBODIA, ASEAN DEPARTMENT
 LOCATION: PHNOM PENH, CBD
 ARC COMPANY: T3 ARCHITECTS
 AREA: 180 SQM
 STATUS: COMPLETE 2019
 LEAKHENA'S ROLE: DESIGN, DRAWINGS, 3D MODEL

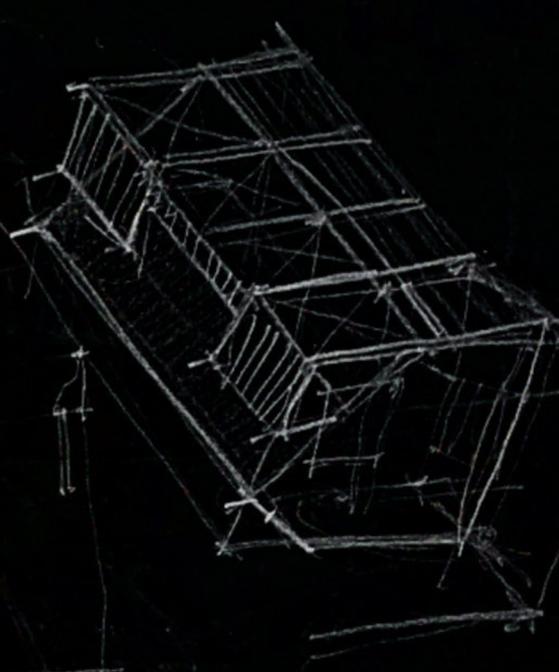
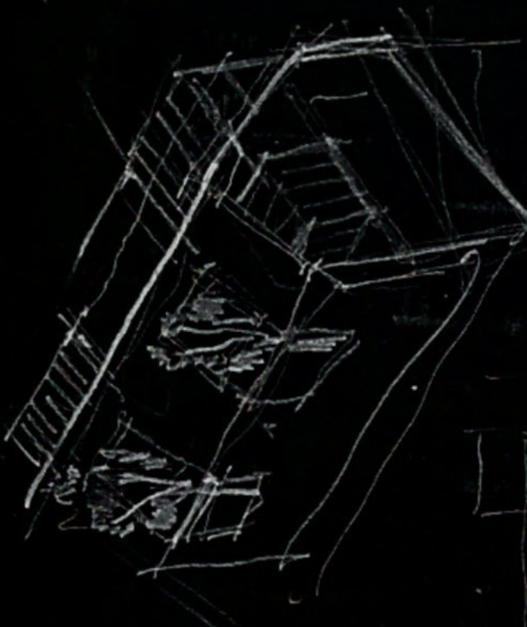


→ ELEMENTS:

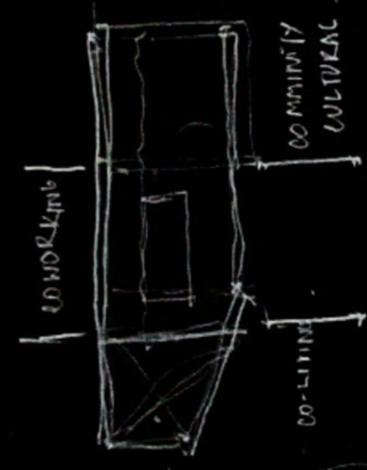
- LOUVERES
- COMPARTMENT
- OPENING
- HIGH CEILING / ROOFS



SPECIAL:
• LIFT



ZONING

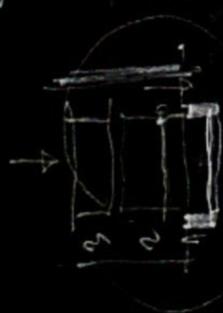


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MONITORING TEMPERATURE FOR THE WHOLE STRUCTURE



↑
HEATH END



MONITORING TEMPERATURE FOR THE WHOLE STRUCTURE

LOWER VENTILATION

- NEW TO LANDMARK
- ELEVATED TO BE VISIBILITY II FAND. LOWER VENTILATION
- MATERIAL DIFFERENT FROM SURROUNDING (ZINC/BRICK)

- TRADITIONAL ?
- COLONIAL ?
- BIOPHILIC ?

COMBINED ?

"WINTER" WIND

INSULATED SIDE

← VISIBLE SIDE

SOFT FLIGHT.



CANOPY