

有種嘢

乡村赋能与灾后重建工作

UNIVERSEEDITY

The works of post-disaster reconstruction and rural empowerment

UNITINNO

info@unitinno.com
www.unitinno.com

LIST OF CONTENTS

目錄

Dazu Primary School, Yanyuan County
Anzihe Nature Reserve Education Center
Meishui Primary School in Dali
Grameen Bank Lukou Office, Xuzhou
Red Ribbon Charity School, Meigu County
Sunshine Checkered Playroom Prototype
Dou Pavilion, China Pavilion at the 15th Venice Biennale
Nanji Wetland Visitor Center, Poyang Lake
Mathare Beijing Primary School
Changan Ford Chongqing Checkered Playroom Series
Fangcun Space Series
Garden Office Extension, Shenzhen

四川鹽源達祖小學
四川鞍子河宣教中心
雲南大理美水小學
江蘇徐州格萊民陸口鄉村銀行
四川涼山紅絲帶愛心學校
甘肅庫去童趣園原型
威尼斯建築雙年展中國館—斗室
江西鄱陽湖南肌濕地訪客中心
肯尼亞內羅畢馬薩來北京小學
重慶長安福特童趣園系列
方寸空間系列
深圳花園辦公室加建

有種野

研究夥伴的輕量建築

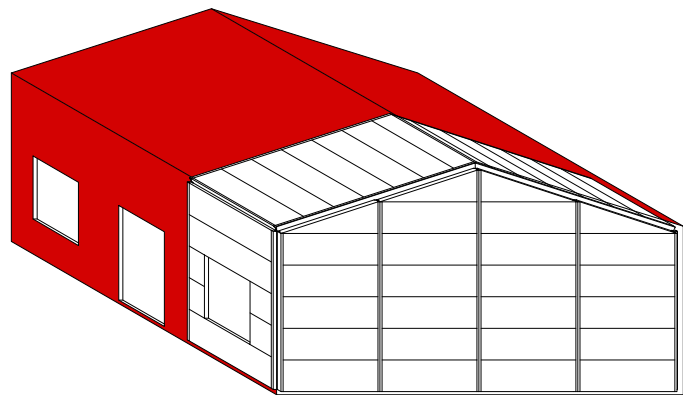
2025.10.01 (Wed) -
2025.10.06 (Mon)
10am - 8pm

The Lightweight Works from
Professor ZHU Jingxiang and his Research Mates
UniverSeedity

● 廣州科技展覽館
● 承辦：元邊建築師樓
● 展覽地點：香港灣仔港灣道1號香港藝術中心十五樓
● 主理：何煥傑、吳程輝、南天、栢田佩欣、張傑光、陳瑋、譚維隆
● 贊助單位：和豐金、香港中文大學建築學院、香港林國威基金會
● 研討會時間：十月二日（星期四）下午三時至五時
● 研討會地點：香港中文大學建築學院

● VENUE: 15/F Hong Kong Arts Centre, 2 Harbour Road, Wanchai, Hong Kong
● ORGANISER: Unitinno Architectural / XIA Heng / WU Chenghui / ZHANG Dongguang / ZHU Jingxiang
● SPONSOR: Hong Kong LFM Art Foundation / Guangzhou KLCC Aluminum Ltd.
● EXHIBITORS: HAN Guozhi / HE Yingjie / NAN Tian / TAM Sin Lung
● CEREMONY: 2025.10.02 (Thu) 6:30 PM - 7:30 PM
● SUPPORT BY: He Foundation / School of Architecture, CUHK
● SEMINAR: 2025.10.04 (Sat) 3:30PM - 5:30PM

A COMPOSITE SYSTEM OF THE LGS SKELETON
STRENGTHENED BY THE RIGID BOARDS
一種以剛性板加強輕鋼龍骨框架的複合建造系統



委託 香港龍的文化慈善基金會 等
設計 譚善隆，朱競翔，夏珩
規模 二百三十平方米，三班多功能教學空間
組裝 三週完成，二零一零年八月

四川鹽源縣達祖小學新芽學堂

Commission	Dragon Culture Charity Fund, etc.
Design	TAM Sin Lung Nelson, ZHU Jingxiang, and XIA Heng
Feature	230 sqm, a 3-classroom study hall
Assembly	in 3 weeks, August 2018

NEW BUD STUDY HALL, DAZU PRIMARY SCHOOL, YANYUAN COUNTY, SICHUAN

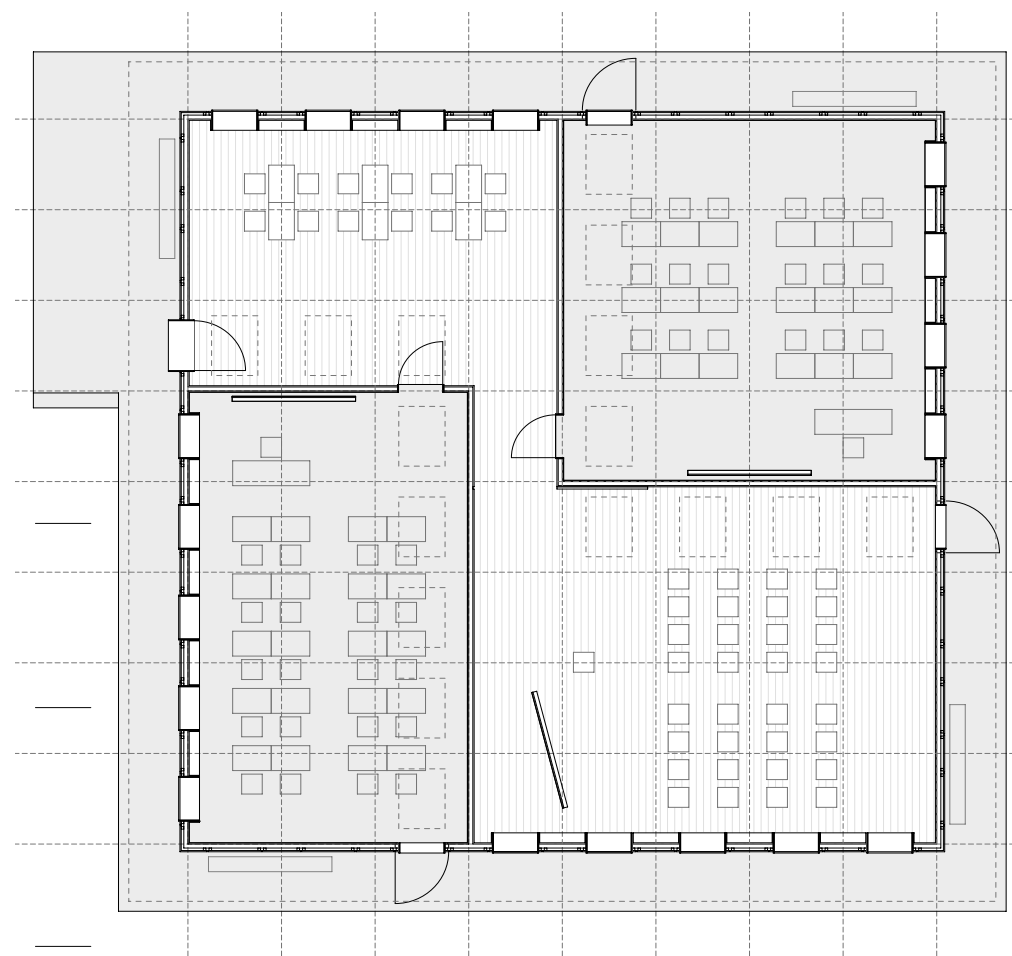
B1¹



B1¹



B1³

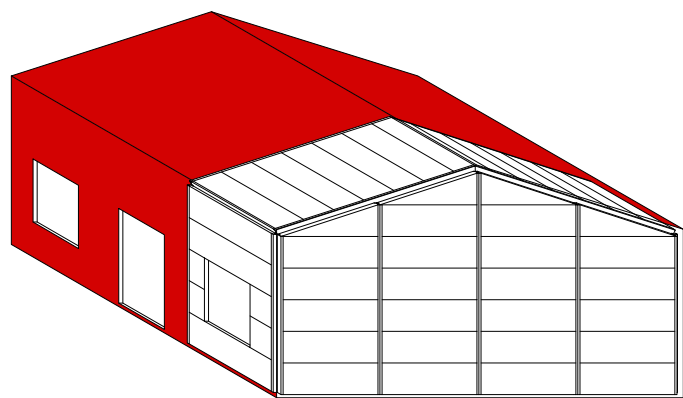


The design uses compact spatial organization to create distinct classroom spaces. The combination of enclosures and bookshelves creates a protective sense of wall depth. The modern skeleton and good performance are not visible from the traditional outlook.

B1⁴

設計以緊湊空間組織產生差異性高的課室，圍護與書架結合創造了厚重的防衛感，傳統外觀中藏著現代化結構與性能。

A COMPOSITE SYSTEM OF THE LGS SKELETON
STRENGTHENED BY THE RIGID BOARDS
一種以剛性板加強輕鋼龍骨框架的複合建造系統



Commission	World Wildlife Fund (Switzerland) Beijing Office
Design	ZHU Jingxiang, XIA Heng, TAM Sin Lung Nelson, and ZHANG Dongguang
Feature	260 square meters, 3 floors for education, research, and living
Assembly	in 4 weeks, July 2011

ANZIHE NATURE RESERVE EDUCATION CENTER, CHONGZHOU, SICHUAN

委託	世界自然基金會（瑞士）北京代表處
設計	朱競翔，夏珩，張東光，譚善隆
規模	二百六十平方米，三層展覽及居住
組裝	四週完成，二零一一年七月

四川崇州鞍子河保護區宣教中心

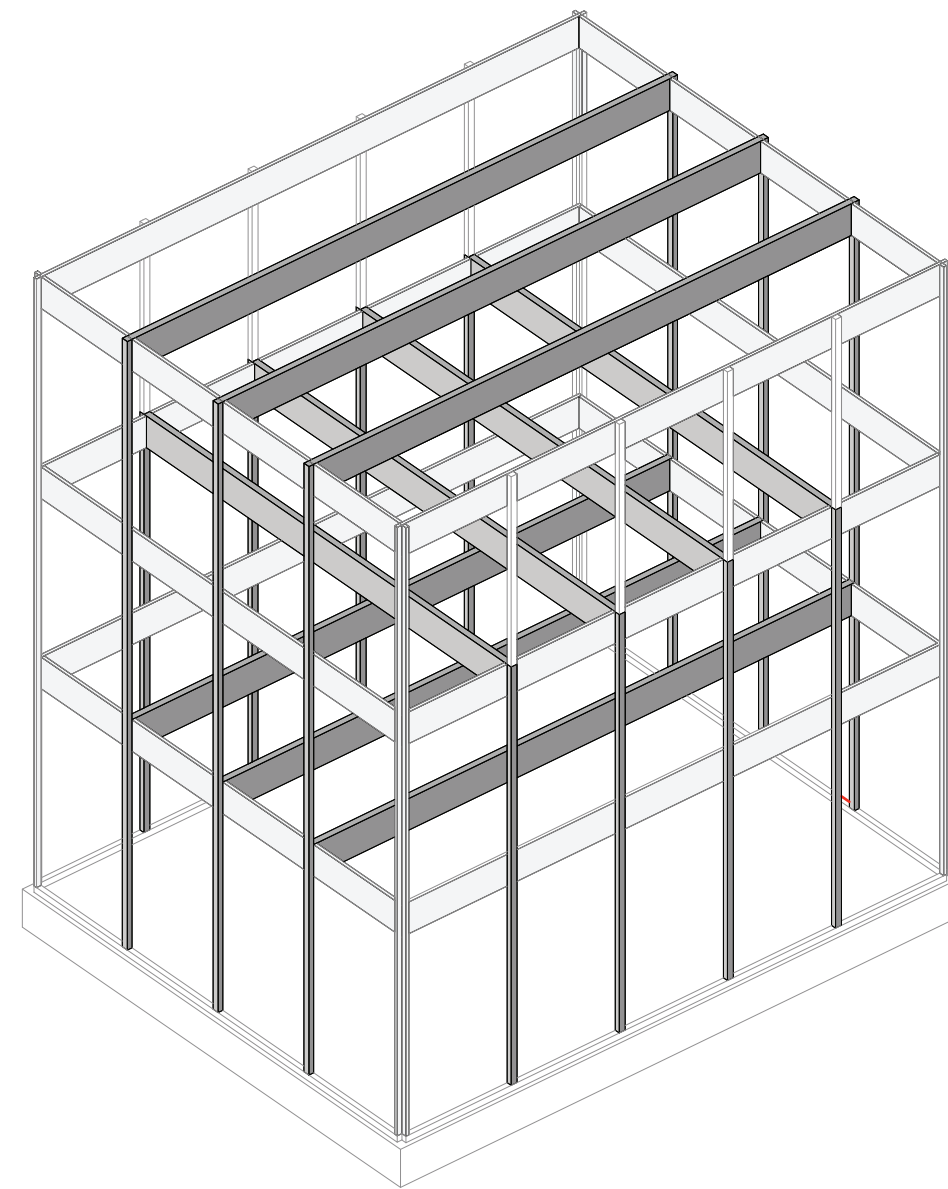
B2¹



B2²



B2³

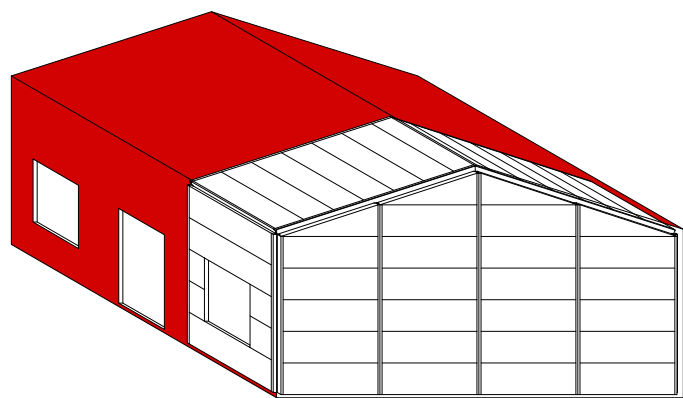


The workstation is very close to the epicenter of the Wenchuan 512 earthquake. The building is designed to be lightweight, reducing inertia, and utilizes a skeleton and local diagonal braces to distribute stress evenly.

B2⁴

工作站離汶川地震震中非常近，建築以輕量降低慣性，再以骨骼與局部斜撐均勻內力分配。

A COMPOSITE SYSTEM OF THE LGS SKELETON
STRENGTHENED BY THE RIGID BOARDS
一種以剛性板加強輕鋼龍骨框架的複合建造系統



Commission	Ms. CHAN Bik Ha
Design	ZHU Jingxiang, XIA Heng, ZHANG Dongguang, and KONG Dezhong
Feature	360 square meters, 8-class rural school building
Assembly	in 4 weeks, April 2011

NEW HALL, MEISHUI PRIMARY SCHOOL IN DALI, YUNNAN

委託	陳碧霞女士
設計	朱競翔，夏珩，張東光
規模	三百六十平方米，八班鄉村小學校舍
組裝	四週完成，二零一一年四月

雲南大理美水小學新校舍

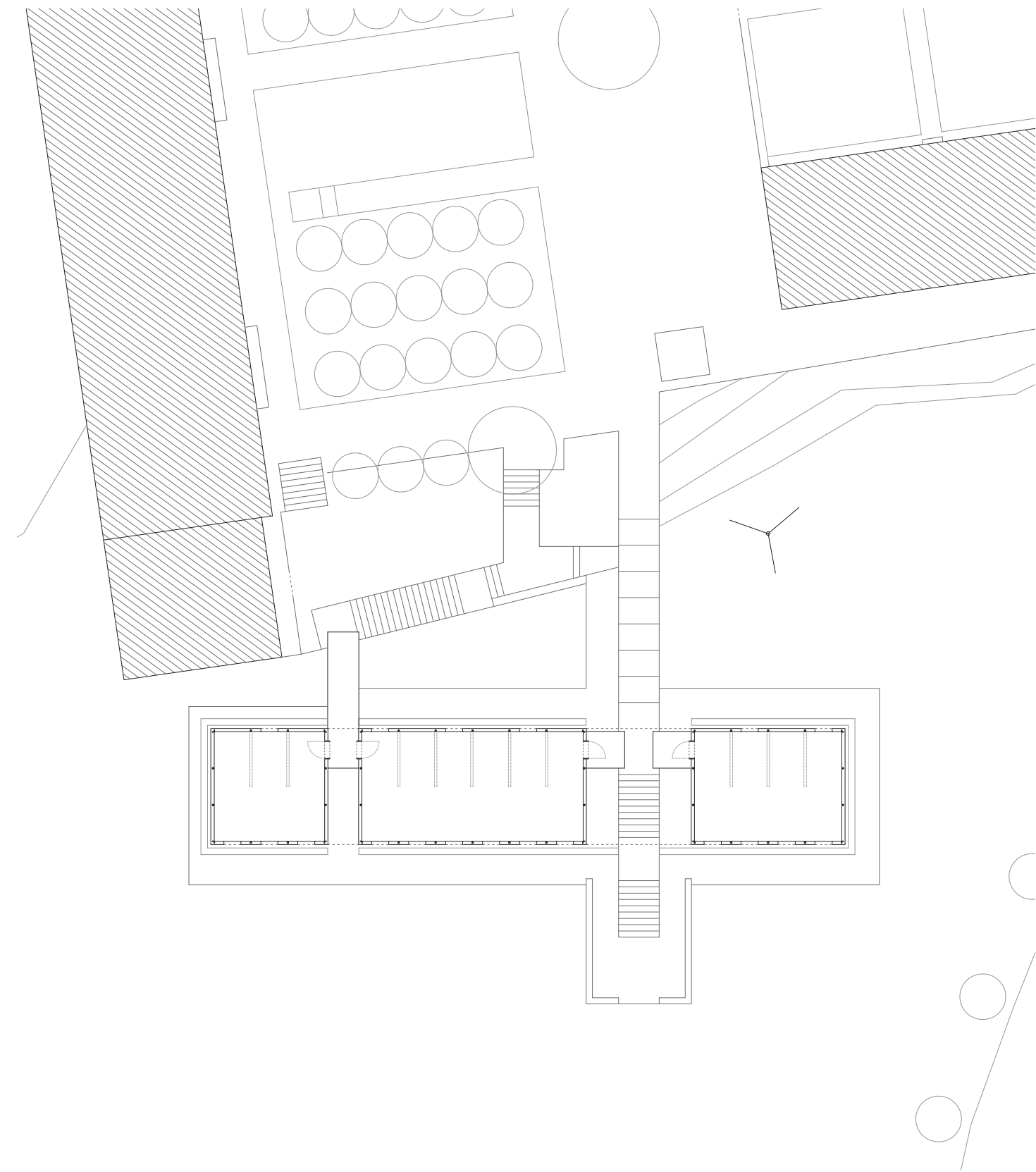
B3¹

B3²





B3³

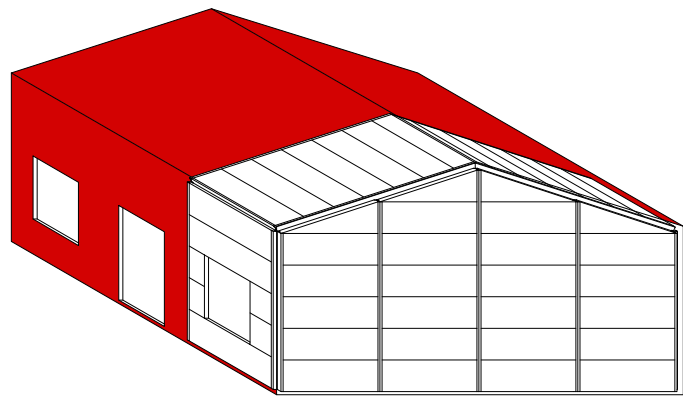


布局塑造校園及村莊邊界，以多樣開口帶來差異性的空間感知，將遊戲帶入刻板教學建築。

The linear mass defines the boundaries between the campus and the village. At the same time, diverse openings create an attractive visual perception, introducing the idea of learning through games into the stereotypical academic building.

B3⁴

A COMPOSITE SYSTEM OF THE LGS SKELETON
STRENGTHENED BY THE RIGID BOARDS
一種以剛性板加強輕鋼龍骨框架的複合建造系統



Commission	Grameen China Foundation, Mr. GAO Zhan
Design	ZHU Jingxiang, XIA Heng, and HAN Guori
Feature	220 square meters, office, exhibition, and residential space
Assembly	in five weeks, December 2014

GRAMEEN BANK LUKOU OFFICE, XUZHOU, JIANGSU PROVINCE
COMMISSION: GRAMEEN CHINA

委託	格萊珉中國基金會，高戰先生
設計	朱競翔，夏珩，韓國日
規模	二百二十平方米，辦公、陳列及居住站點
組裝	五週完成，二零一四年十二月

江蘇徐州格萊珉銀行陸口支行

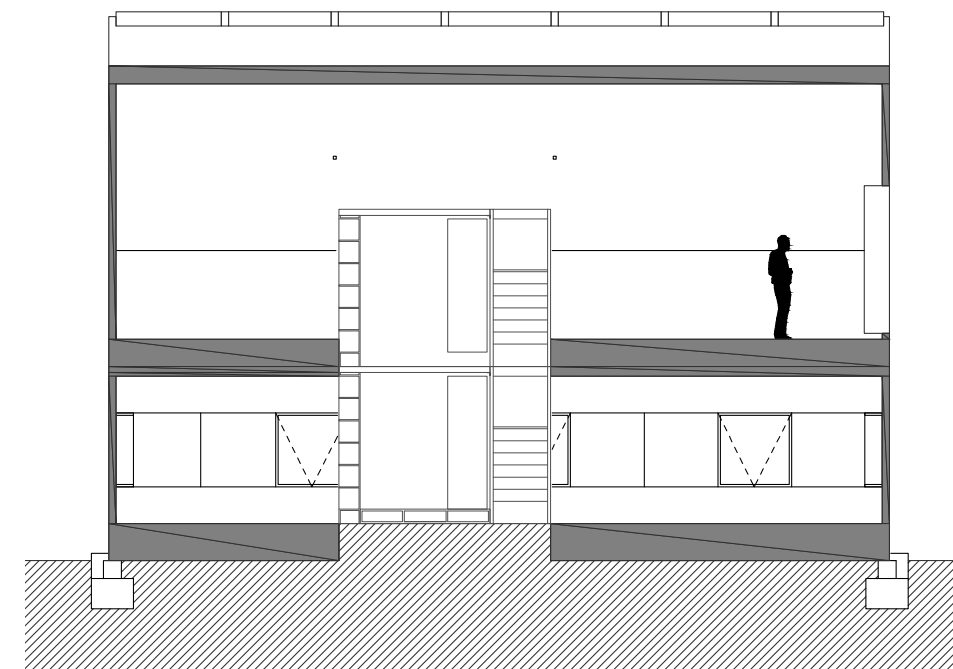
B4¹



B4²



B4³



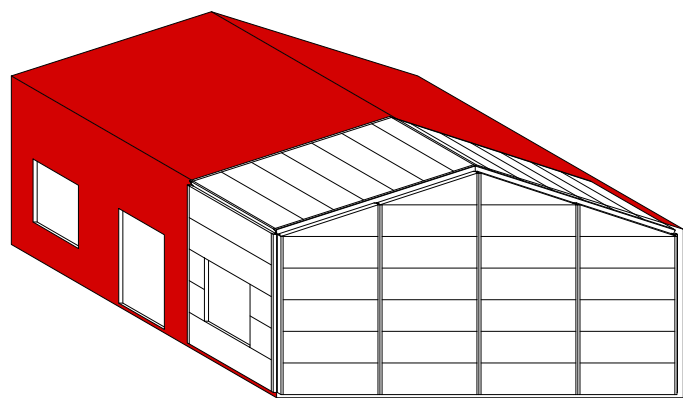
Utilizing distributed production, the process from manufacturing to assembly was completed in just a few weeks. The building provides a comfortable living environment in cold winters and hot summers, offering office and gathering spaces, as well as decent bathrooms.

採用分布式生產，建造得以在短短數週內完成。建築塑造冬暖夏涼的居住環境，提供辦公、聚會及高性能衛浴。

B4⁴

A COMPOSITE SYSTEM OF THE LGS SKELETON
STRENGTHENED BY THE RIGID BOARDS

一種以剛性板加強輕鋼龍骨框架的複合建造系統



Commission	LUKE Him Sau Educational Foundation Limited
Design	ZHU Jingxiang, ZHANG Dongguang, HE Yingjie, et al.
Feature	2,600 square meters, including classrooms, canteen, and boarding facilities
Assembly	in 19 months, 2014-2015

RED RIBBON CHARITY SCHOOL, MEIGU COUNTY, LIANGSHAN PREFECTURE, SICHUAN

委託
設計
規模
組裝

陸謙受家族信託基金
朱競翔，張東光，何英傑
二千六百平方米，教學、食堂與寄宿校園
十九個月，二零一四至一五年

四川涼山州美姑縣紅絲帶愛心學校

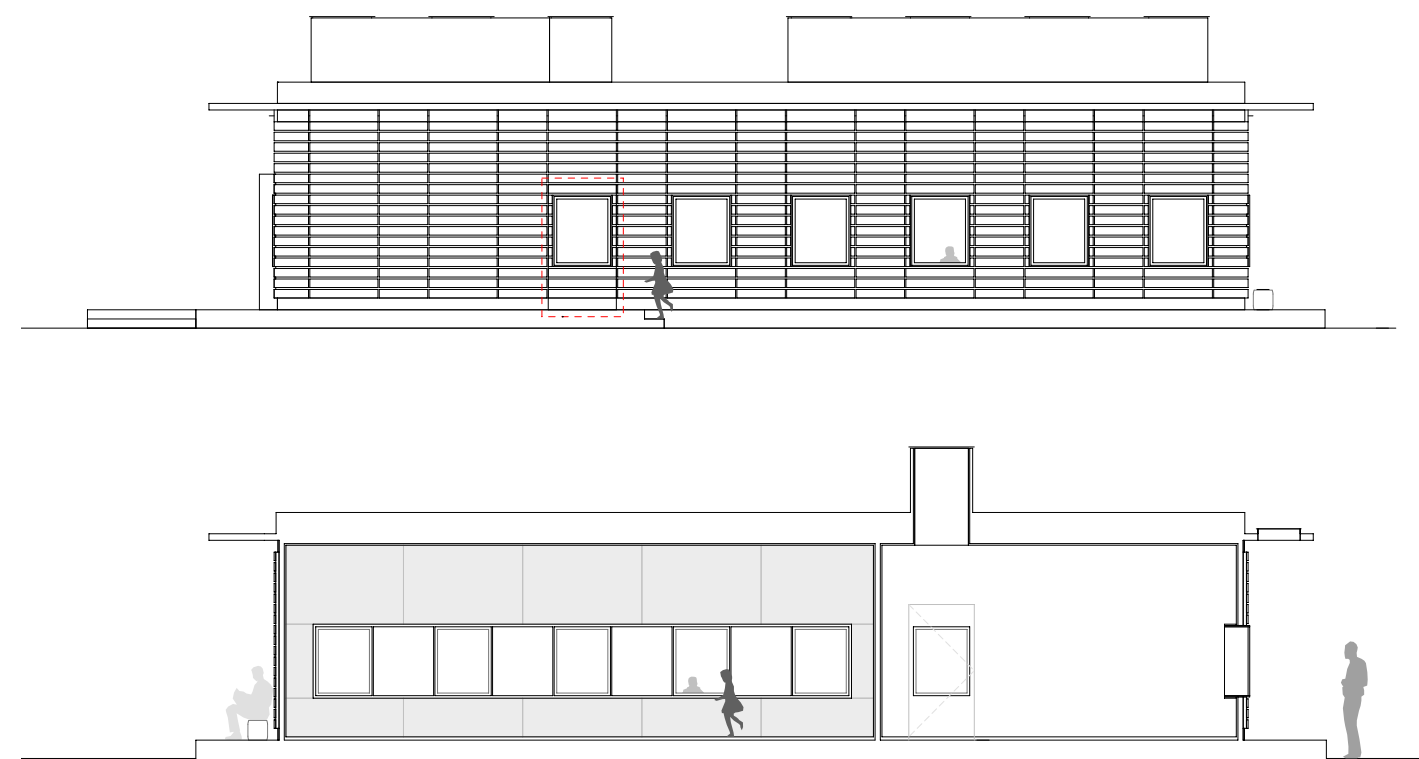
B5¹

B5²





B5³

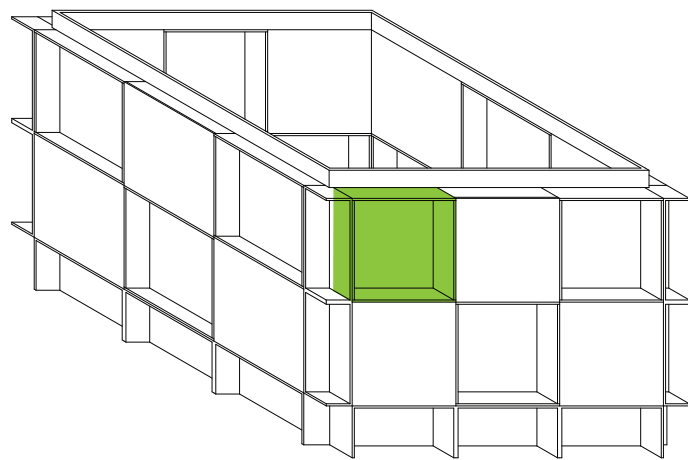


Three building types are employed to meet the diverse needs of teaching, student accommodation, and faculty housing. A 300-meter mountain cable car facilitates component transportation. The buildings are elevated, minimally altering the existing land. No arable land is occupied.

以三種建築形態來滿足教學、學生居住和老師居住的不同要求。樓宇採用的架空，對原有土地的改變非常之小。建造了三百米的山地纜車來便利山地的運輸工作。沒有佔據耕種用地。

B5⁴

A CONSTRUCTION SYSTEM OF THE SPATIAL PANELS
一種空間板式建造系統



Commission Beijing Western Sunshine Rural Development Foundation, etc.
Designer ZHU Jingxiang, HAN Guori, WU Chenghui, et al.
Feature 50 square meters, Rural Playroom
Assembly in 8 days, March 2015

SUNSHINE CHECKERED PLAYROOM PROTOTYPE, SHEQU, HUINING, GANSU

委託 北京市西部陽光農村發展基金會 等
設計 朱競翔，韓國日，吳程輝 等
規模 五十平方米，兒童教育工作站
組裝 八天，二零一五年三月

甘肅會寧庫去鄉村童趣園原型

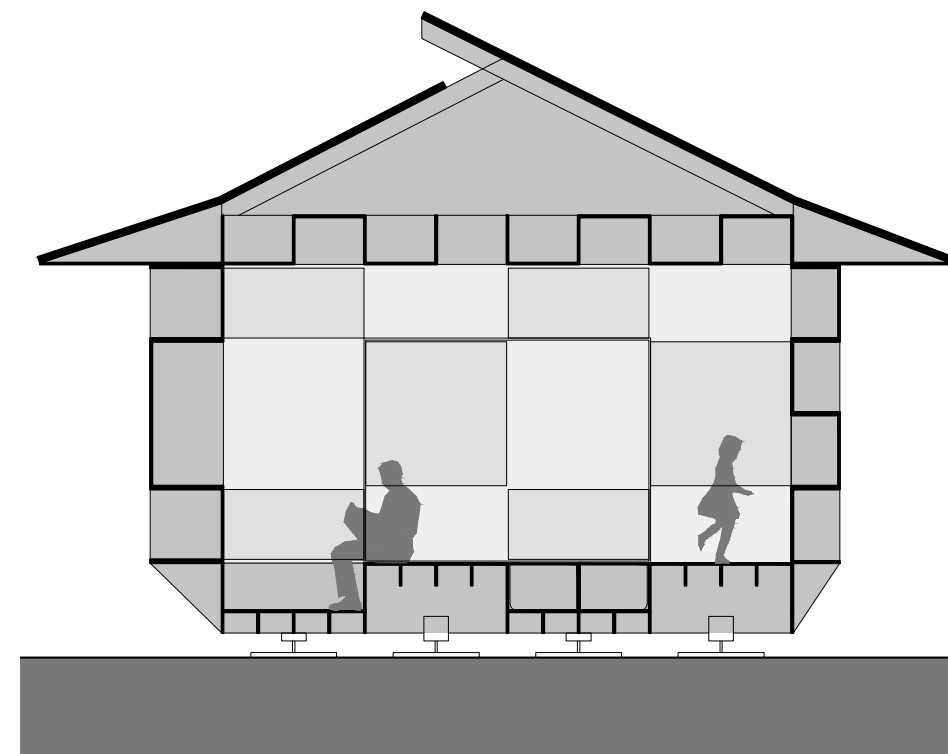
B6¹



B6²



B6³



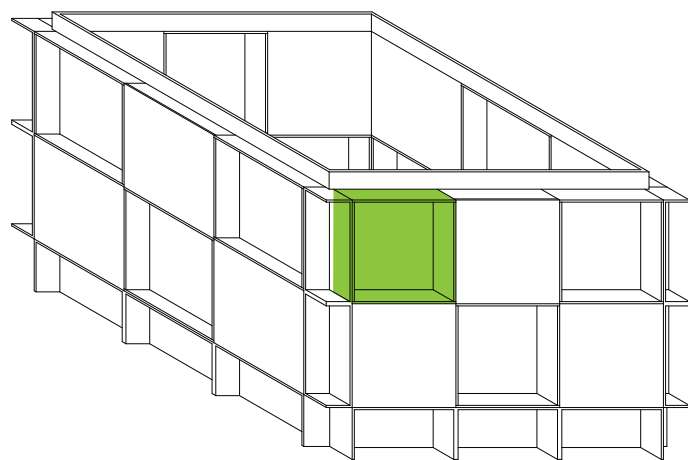
The design integrates the functions of enclosure and furniture through its structure, empowering teaching activities through games.

設計以結構吸收圍護、家具與教具機能，以遊戲賦能教學活動。

B6⁴

A CONSTRUCTION SYSTEM OF THE FOLDABLE
FRAME AND RIGID BOARDS

一種使用折疊框架和剛性板的建造系統



Commission	AkzoNobel (China) Investment Co., Ltd.
Design	ZHU Jingxiang, WU Chenghui, HE Yingjie
Feature	50 square meters, 6-month exhibition installation
Assembly	in 5 days, May 2016

DOU PAVILION, CHINA PAVILION AT THE 15TH VENICE BIENNALE

委託
設計
規模
組裝

阿克蘇諾貝爾（中國）投資有限公司 等
朱競翔，吳程輝，何英傑
五十平方米，室外展覽空間
五天，二零一六年五月

斗室 第十五屆威尼斯雙年展中國館

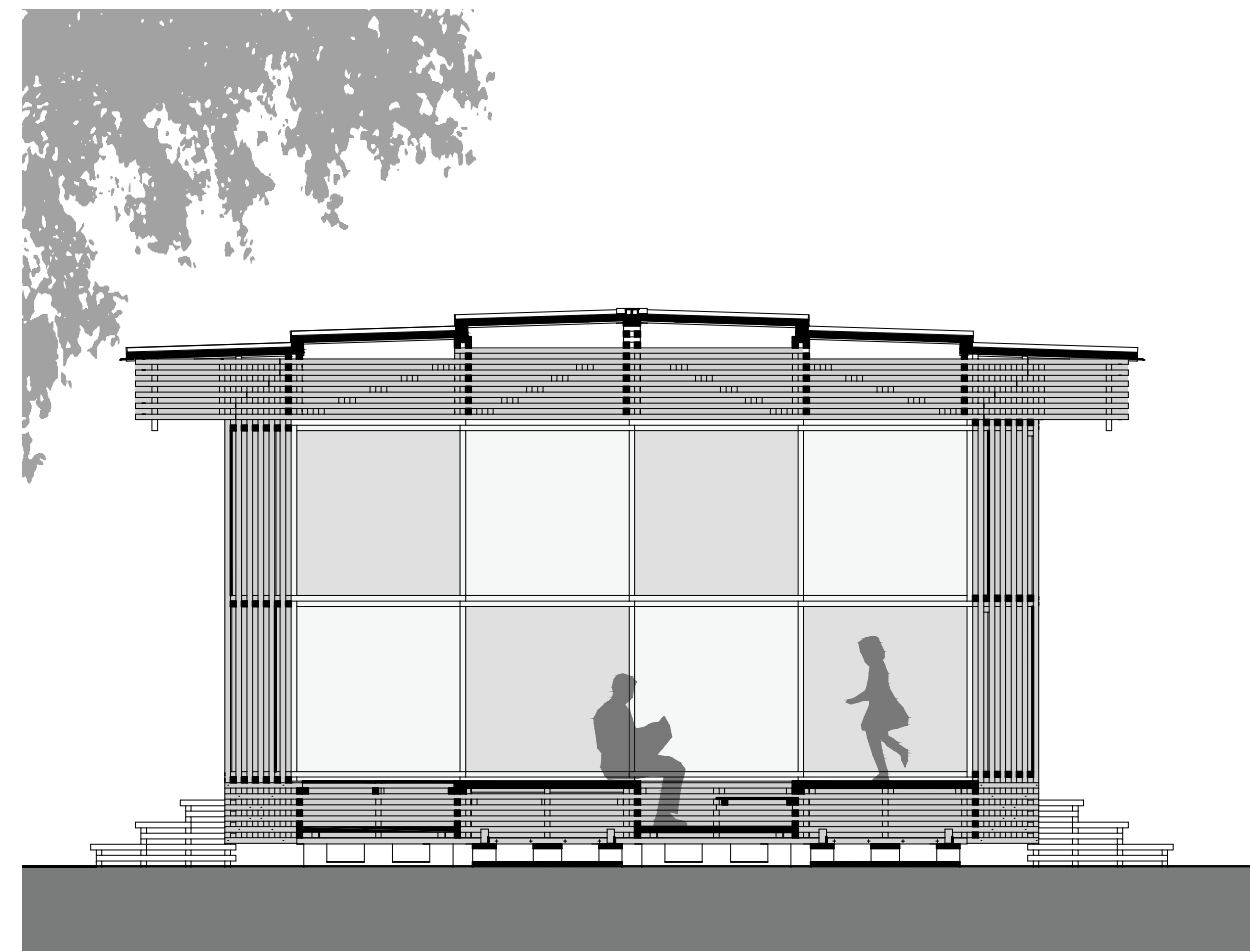
B7¹



B7²



B7³

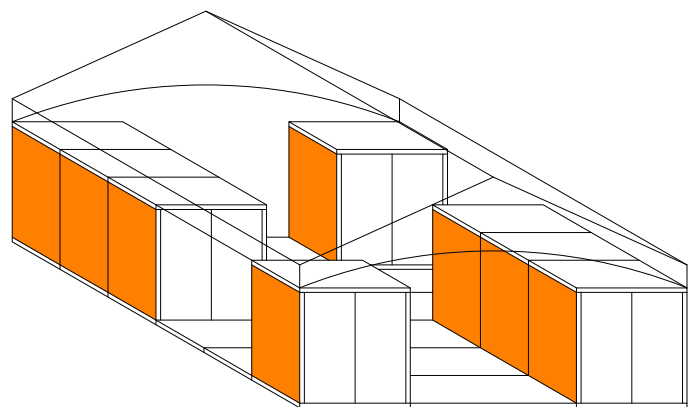


The folding structure of the DOU Pavilion fulfills the needs of the ocean transport and on-site construction. The grilles provide excellent summer ventilation, making it a popular choice for children and international visitors.

B7⁴

斗室採用折疊結構，便利遠洋運輸與現場建造。格柵夏季通風優越，深受孩童和各國遊客歡迎。

A CONSTRUCTION SYSTEM OF THE LOAD-BEARING
CABINETS AND MODULAR SPANNING PANELS
一種結合可承重傢具和模組化樓板建造系統



Commission	Nanji Wetland National Nature Reserve Administration
Design	ZHU Jingxiang, WU Chenghui, HAN Guori
Feature	375 square meters, exhibition, office, and residential space
Assembly	in 12 weeks, 2015 Spring

NANJI WETLAND VISITOR CENTER, POYANG LAKE, JIANGXI

委託	南磯濕地國家級自然保護區管理局
設計	朱競翔，吳程輝，韓國日
規模	三百七十五平方米，展覽、辦公及居住空間
組裝	十二週，二零一五年

江西鄱阳湖南磯濕地訪客中心

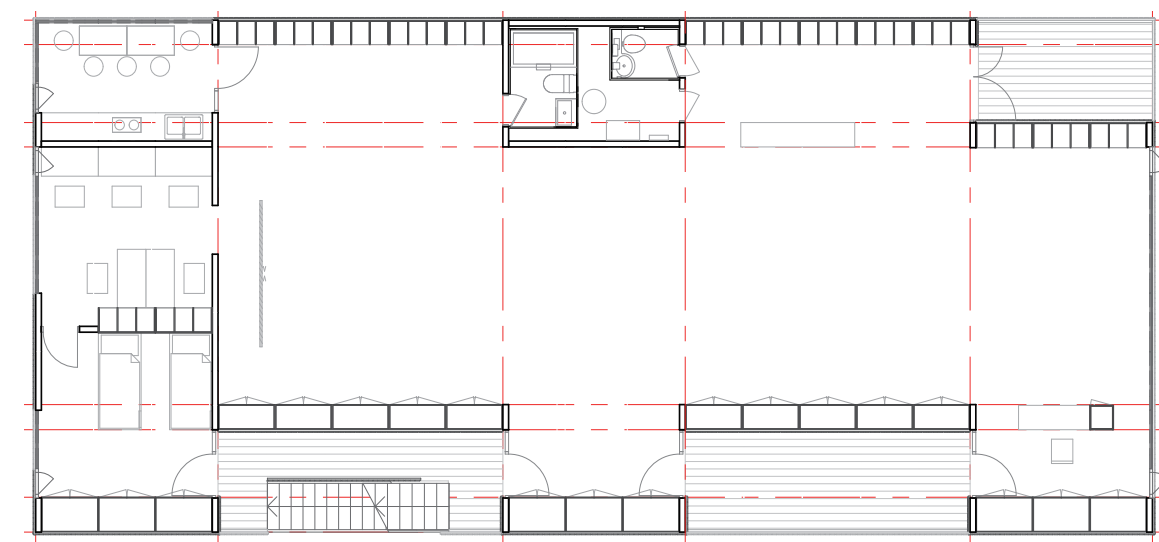
B8¹



B8²



B8³

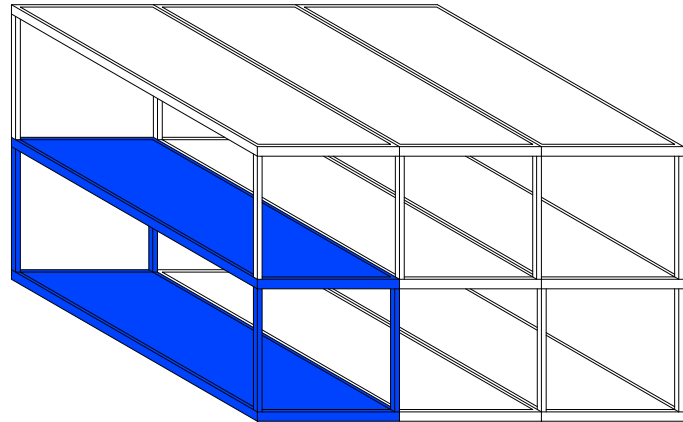


The elevated structure, combined with ultra-lightweight construction, enabled construction on wetlands and extremely soft soil. The workstation has survived annual flooding and has remained operational for ten years.

B8⁴

高腳結構結合超輕量建築，得以在溼地與極軟地基上建造，工作站每年經歷洪水衝擊，已正常運行十年。

A CONSTRUCTION SYSTEM OF THE STEEL
FOLDABLE FRAME
一種以鋼製折疊框架建造系統



Commission Kenya-China Economic and Trade Association
Design ZHU Jingxiang, WU Chenghui, HUANG Zhengli
Feature 480 square meters, eight-classroom building
Assembly in 4 weeks, September 2014

MATHARE BEIJING PRIMARY SCHOOL, MATHARE, NAIROBI, KENYA

委託 肯尼亞中國經貿協會 等
設計 朱競翔，吳程輝，黃正驪
規模 四百八十平方米，八班校舍
組裝 四週，二零一四年九月

肯尼亞內羅畢馬薩瑞北京小學

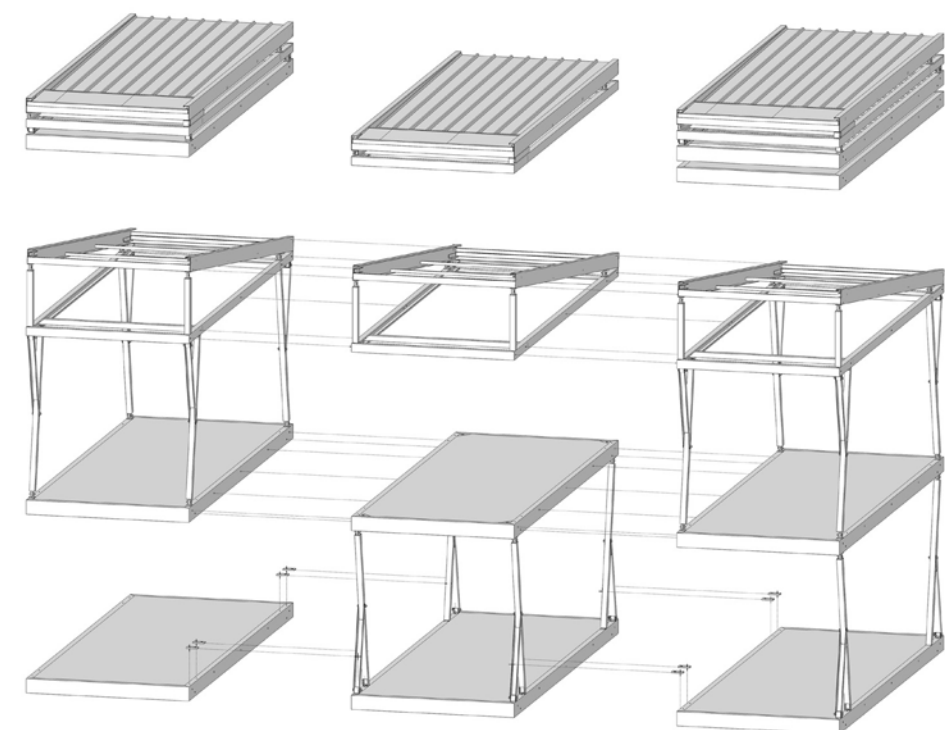
B9¹



B9²



B9³

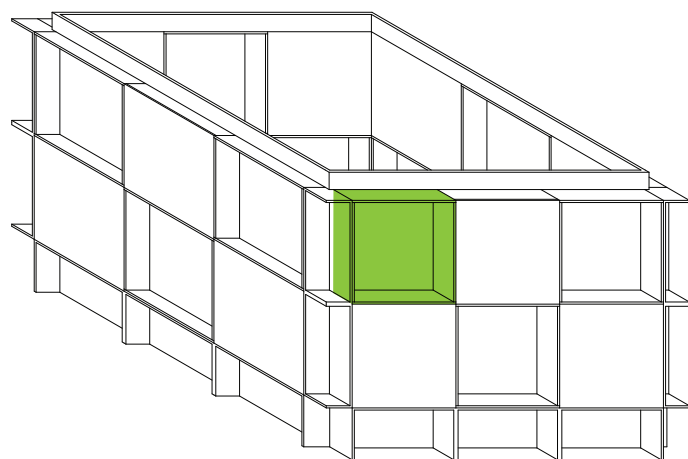


The creation of a foldable steel frame structure allows for space-saving transoceanic transport and efficient on-site assembly. The team in Hong Kong applied agile development methods to leverage the Bay Area's cost and supply chain advantages to meet the needs of international charities.

B9⁴

創造可折疊鋼框架結構，跨洋運輸節約空間，現場搭建高效率。團隊在香港依靠敏捷開發方法，調度灣區成本與供應鏈優勢，滿足國際慈善需求。

A CONSTRUCTION SYSTEM OF THE SPATIAL PANELS
一種空間板式建造系統



Commission	Changan Ford Automobile Co., Ltd.
Design	ZHU Jingxiang, HAN Guori
Feature	35 square meters, rural children's education workstation
Assembly	in 3 days per unit, total 22 units in 2016

CHANGAN FORD CHONGQING CHECKERED PLAYROOM SERIES

委託	長安福特汽車有限公司 等
設計	朱競翔，韓國日
規模	三十五平方米，鄉村兒童教育工作站
組裝	三天每套，二零一六年

長安福特重慶童趣園系列 共二十二套

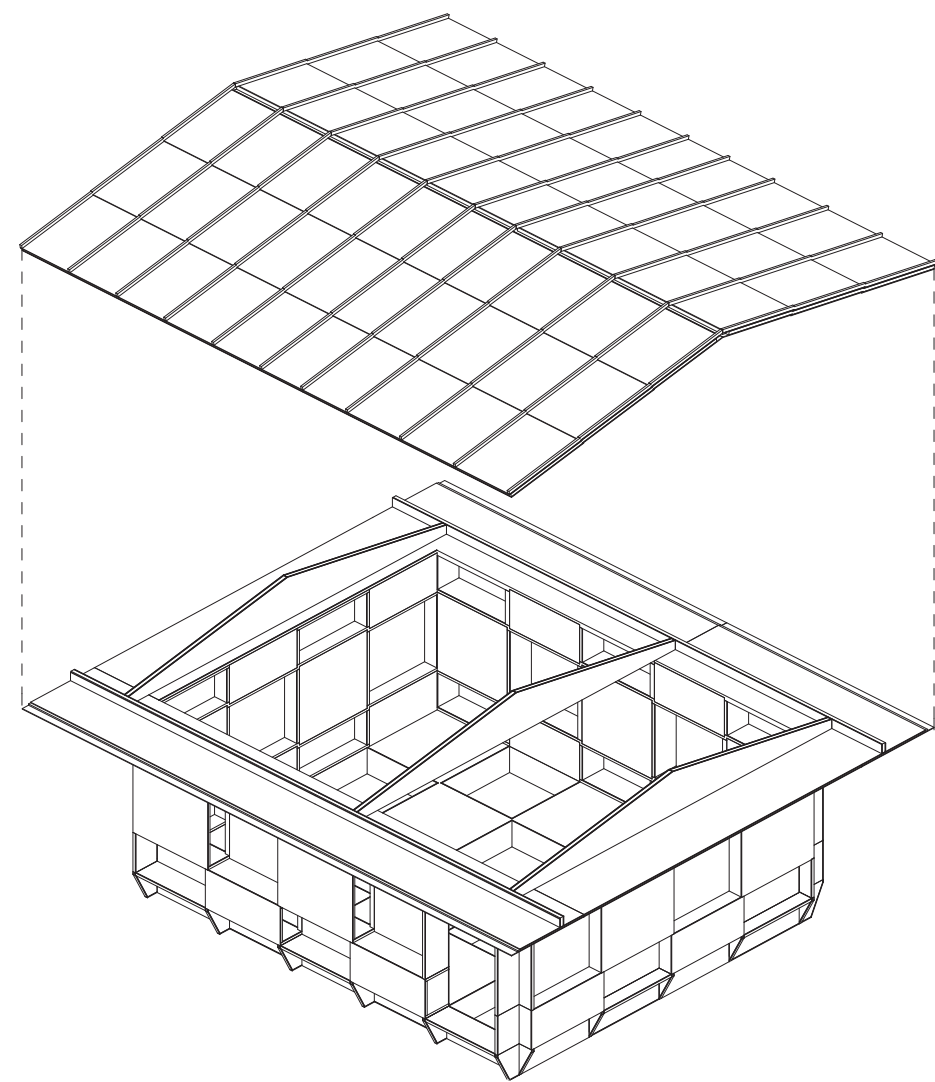
B10¹



B10²



B10³

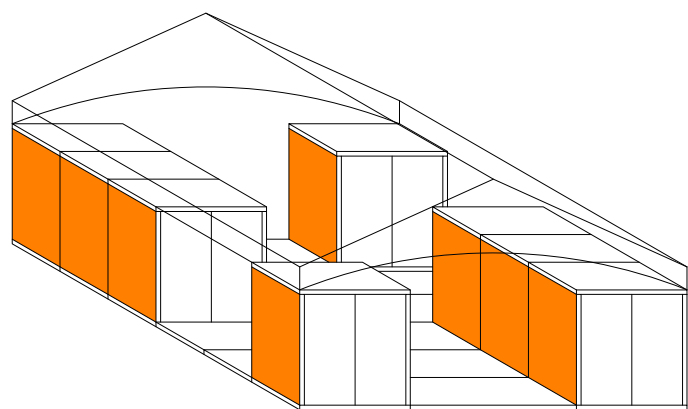


The agile deployment helps companies empower their ESG departments and support educational improvements in young employees' home villages.

B10⁴

空間的靈活部署，幫助企業賦能 ESG 部門，支持青年員工家鄉的教育改善。

A CONSTRUCTION SYSTEM OF THE SIP PANELS
一種以結構保溫集成板材建造的系統



Commission Beijing Lianyi Charity Foundation Fangcun Fund
Design ZHU Jingxiang, HAN Guori, CAI Chunming, et al.
Feature 60 square meters, rural community station
Assembly in 3 days per unit, total 23 units in 2023

FANGCUN SPACE SERIES

委託 北京聯益慈善基金會方寸公益專項基金
設計 朱競翔，韓國日，蔡春明
規模 六十平方米，鄉村社區工作站
組裝 三天每套，二零二三年

方寸空間系列 共二十三套

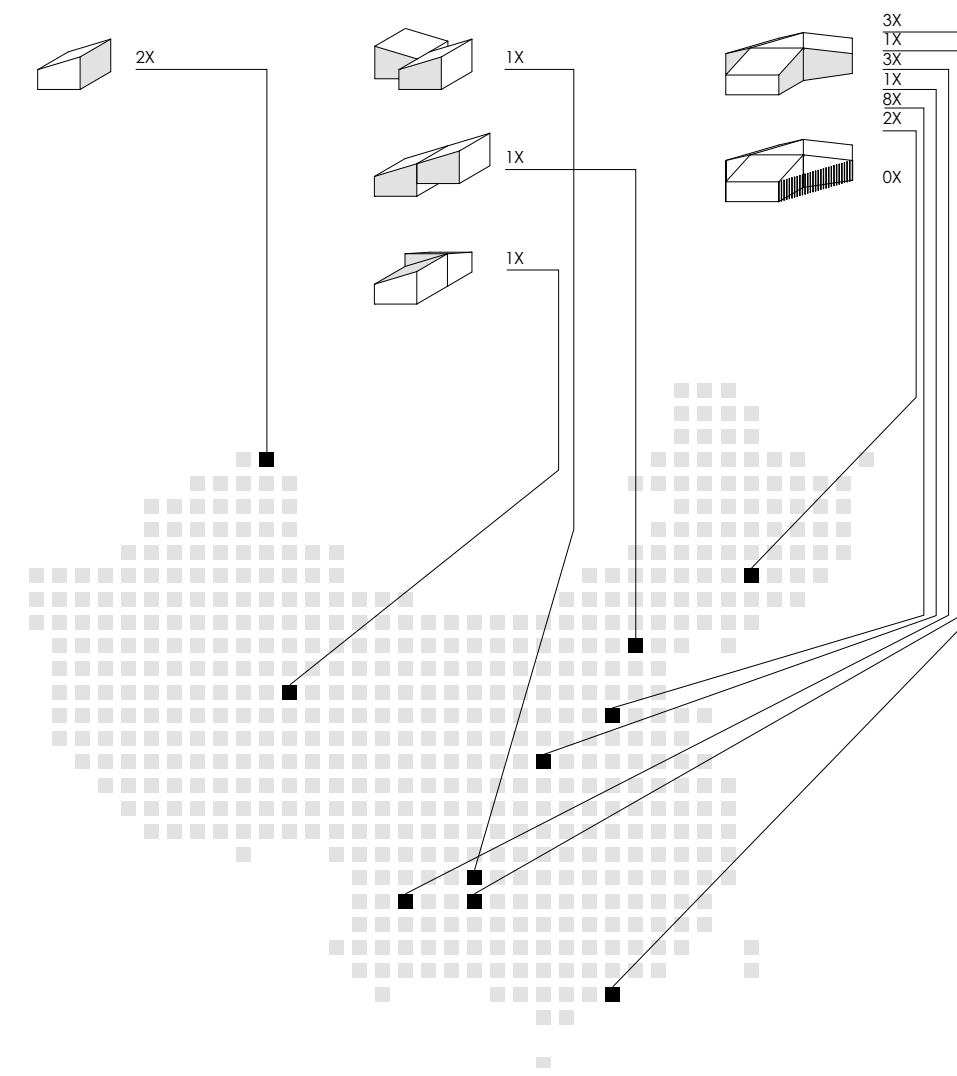
B11¹



B11²



B11³

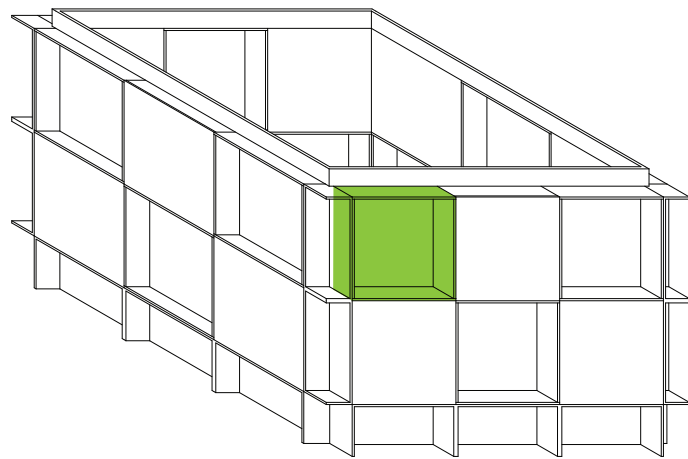


The agile deployment supports emerging charitable organizations. 23 community education workstations were established in two years across 9 provinces.

B11⁴

空間的靈活部署，幫助新興慈善組織。兩年間搭建二十三套社區教育工作站點。

A CONSTRUCTION SYSTEM OF THE FOLDABLE
FRAME AND RIGID BOARDS
一種使用折疊框架和剛性板的建造系統



Commission Shenzhen Research Institute of Building Sciences Co., Ltd.
Design ZHU Jingxiang, NAN Tian
Feature 80 square meters, exhibition and office space
Assembly in 7 days, November 2016

GARDEN OFFICE EXTENSION, SHENZHEN

花園辦公室加建

委託 深圳建築科學研究院股份有限公司
設計 朱競翔，南天
規模 八十平方米，展覽及辦公空間
組裝 七天，二零一六年十一月

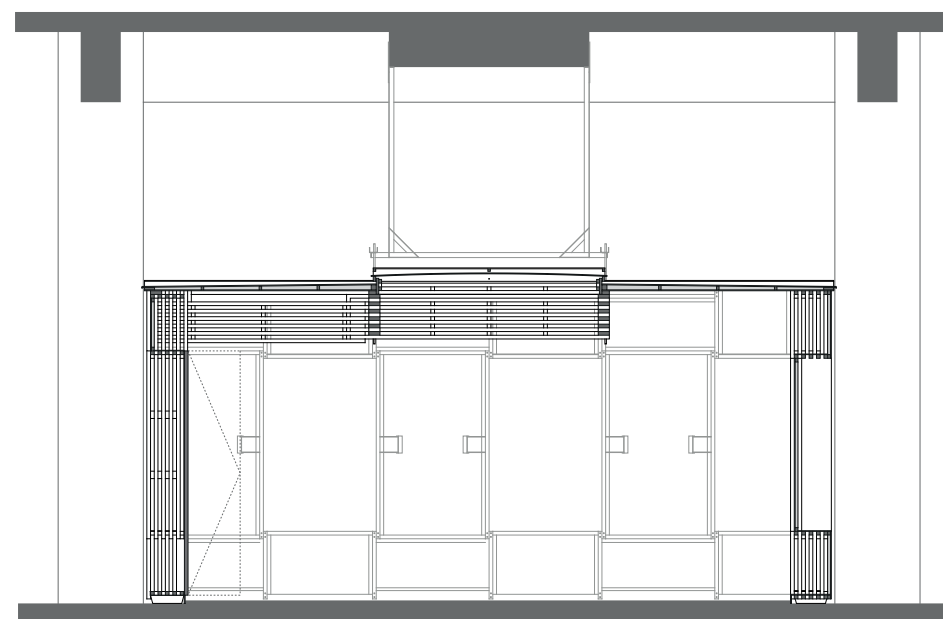
B12¹



B12²



B12³



The maximum transport dimensions of the elevators were used to limit the dimensions of all components, meeting the requirements for outdoor expansion in high-rise office buildings.

B12⁴

以電梯提供的最大運輸尺寸來規限所有構件尺寸，滿足高層辦公建築戶外擴展的課題。

主辦
承辦
贊助
支持

南橋策略/香港文化藝術創意中心
元遠建築科技發展有限公司
香港林風眠基金會/廣州科萊思誠鋁業
和基金/香港中文大學建築學院

Host
Organiser
Sponsor
Support by

Southern Bridge Strategy & HKCACC
UNITINNO Architectural Technology Development Company Limited
Hong Kong LFM Art Foundation, Guangzhou KLCC Aluminum Ltd.
He Foundation, School of Architecture, The Chinese University of Hong Kong



元遠建築





元遠建築
UNITINNO