



医者仁心 筑者依仁
People should have compassion
encouragement and perseverance





选址咨询
EPC CONSULTANTS



医疗工艺设计
MEDICAL PROCESS
DESIGN



工程设计
ENGINEERING
CONSULTANTS



设计总包服务
GENERAL
CONTRACTING SERVICE



BIM 设计
BIM DESIGN



场地规划
SITE PLANNING



建筑设计
ARCHITECTURAL
DESIGN



结构设计
STRUCTURAL
DESIGN



给排水
WATER SUPPLY
AND DRAINAGE



暖通设计
HVAC
DESIGN



电气设计
ELECTRICAL
DESIGN



弱电设计
WEAK POWER
DESIGN



动力设计
POWER
DESIGN



医疗气体设计
MEDICAL GAS
DESIGN



工程设计
ENGINEERING
DESIGN



景观设计
LANDSCAPE
DESIGN



室内设计
INTERIOR
DESIGN



照明设计
LIGHTING
DESIGN



标识设计
LOGO
DESIGN



净化工程设计
PURIFICATION
ENGINEERING
DESIGN



特殊科室
SPECIAL
DEPARTMENT



大型医技设备
LARGE
MEDICAL
EQUIPMENT



射线防护
RADIATION
PROTECTION



智能化设计
INTELLIGENT
DESIGN



绿色医院
GREEN
HOSPITAL

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建筑学首先是社会学，它依托于一方文化，一种精神，一处场所，一个功能的需求及经济条件和一套成熟的解决方案。

建筑设计就是要找到最佳的融合点，它所能映射的应该是在诸多条件下的一种最佳的存在状态。

“依（医）空间” 依附的便是我们生生不息的人与自然和其赋予我们的思维和能量。

华诚博远工程技术集团有限公司

注册建筑师：75 人
注册结构师：67 人
注册公用设备工程师：54 人
注册规划师：16 人
教授级高级工程师：30 人
高级工程师：221 人
各类设计人员近 2000 人



博远医疗有

- 11 位 中华人民共和国一级注册建筑师
- 1 位 加拿大皇家建筑师协会注册建筑师
- 6 位 一级注册结构工程师
- 7 位 公共设备注册工程师

- 3 位 国家注册规划师
- 33 位 高级工程师
- 4 位 教授级高级工程师

规划、建筑、结构、给排水、暖通空调、电气、智能化、动力及气体、装饰等专业设计人员 150 余人。

境外项目 INTERNATIONAL PROJECTS

- 01 斯里兰卡 KDU 国防大学陆军教学医院
KDU NATIONAL DEFENSE UNIVERSITY HOSPITAL
- 02 乌克兰国防部医院
UKRAINIAN MINISTRY OF DEFENSE HOSPITAL
- 03 贝宁警察司令部 & 警察学校
BENIN POLICE COMMAND & SCHOOL
- 04 津巴布韦综合医院
ZIMBABWE GENERAL HOSPITAL
- 05 加纳 LA 医院
GHANA LA HOSPITAL

境内项目 DOMESTIC PROJECTS

- 06 北京朝阳区双桥医院
BEIJING CHAOYANG SHUANGQIAO HOSPITAL
- 07 云南阜外心血管病医院
YUNNAN FUWAI CARDIOVASCULAR HOSPITAL
- 08 北京忠诚肿瘤医院
BEIJING ZHONGCHENG TUMOR HOSPITAL
- 09 北京陆道培血液病中心
BEIJING LU DAO PEI HEMATOLOGY HOSPITAL
- 10 北京东方安贞医院
BEIJING DONGFANG ANZHEN HOSPITAL
- 11 成都中医院大学附属医院天府园区
CHENGDU TRADITIONAL MEDICINE HOSPITAL
- 12 河南省濮阳清丰医院
PUYANG QINGFENG HOSPITAL

- 13 黔南州中医医院新园区
NEW CAMPUS OF QIANNAN TRADITIONAL HOSPITAL
- 14 吉林市 1800 床综合医院
JILIN CITY 1800 BED GENERAL HOSPITAL
- 15 河北省沧州中西医结合医院骨伤康复园区
ORTHOPAEDIC REHABILITATION GENERAL HOSPITAL
- 16 青海省人民医院城北园区
QINGHAI PEOPLE'S HOSPITAL NORTH CAMPUS
- 17 扬州玖龙湖医院
YANGZHOU JIULONGHU HOSPITAL
- 18 北京市疾病预防控制中心
BEIJING MUNICIPAL CENTER FOR DISEASE CONTROL
- 19 石景山中西医结合医院
SHIJINGSHAN HOSPITAL OF INTEGRATED EAST & WEST

产业园 INDUSTRIAL PARK

- 20 北京国际医学中心
BEIJING INTERNATIONAL MEDICAL CENTER
- 21 山东物联网产业园
SHANDONG INTERNET PF THINGS INDUSTRIAL PARK
- 22 北大医疗产业园（蓟州分园）
PEKING UNIVERSITY MEDICAL INDUSTRIAL PARK
- 23 青特中国精准医疗城
QINGTE CHINA PRECISION MEDICAL CITY

室内设计 INTERIOR DESIGN

- 24 北京爱心人寿诊所精装修改造工程
BEIJING AIXIN CLINIC INTERIOR DESIGN
- 25 北京弘道运动医学诊所
BEIJING HONGDAO SPORTS MEDICAL CLINIC
- 26 仁泽北京诊所
RENZE (BEIJING) INTERNATIONAL RENZE CLINIC
- 27 北京中康美复康复诊所
BEIJING ZHONGKANG MEIFU REHABILITATION CLINIC

BIM 技术应运

BIM TECNOLOGY APPLICATION

医院专项调研

HOSPITAL RESEARCH



项目工程位于斯里兰卡西部省 Werahera 地区，总建筑面积约为 126000 平方米，是我司对外援建项目中的重点项目。其中主楼建筑面积约 76000 平方米（包含裙房和塔楼住院部，屋面报告厅、手术室 AHU 机房等全部内容）；总投资 10 亿元人民币；设计阶段分为方案深化设计、初步设计、施工配合，医院主楼约 76000 平方米，结构型式为钢筋混凝土框架 - 抗震墙结构，地上 10 层，委托设计内容包括弱电、医疗气体气动物流、总图、土建、工艺、强电、给排水、暖通、概算；保函所有供医院楼的系统、建构筑物及相关设施。如服务楼、衰减池、垃圾站、装卸货区、焚烧炉等。

THE PROJECT IS LOCATED IN THE WERAHERA AREA OF THE WESTERN PROVINCE OF SRI LANKA, WITH A TOTAL CONSTRUCTION AREA OF APPROXIMATELY 126,000 SQUARE METERS. IT IS A KEY PROJECT IN OUR FOREIGN AID CONSTRUCTION PROJECTS. THE MAIN BUILDING COVERS AN AREA OF APPROXIMATELY 76,000 SQUARE METERS (INCLUDING THE PODIUM AND TOWER INPATIENT DEPARTMENT, THE ROOF REPORT HALL, THE OPERATING ROOM AHU MACHINE ROOM, ETC.);

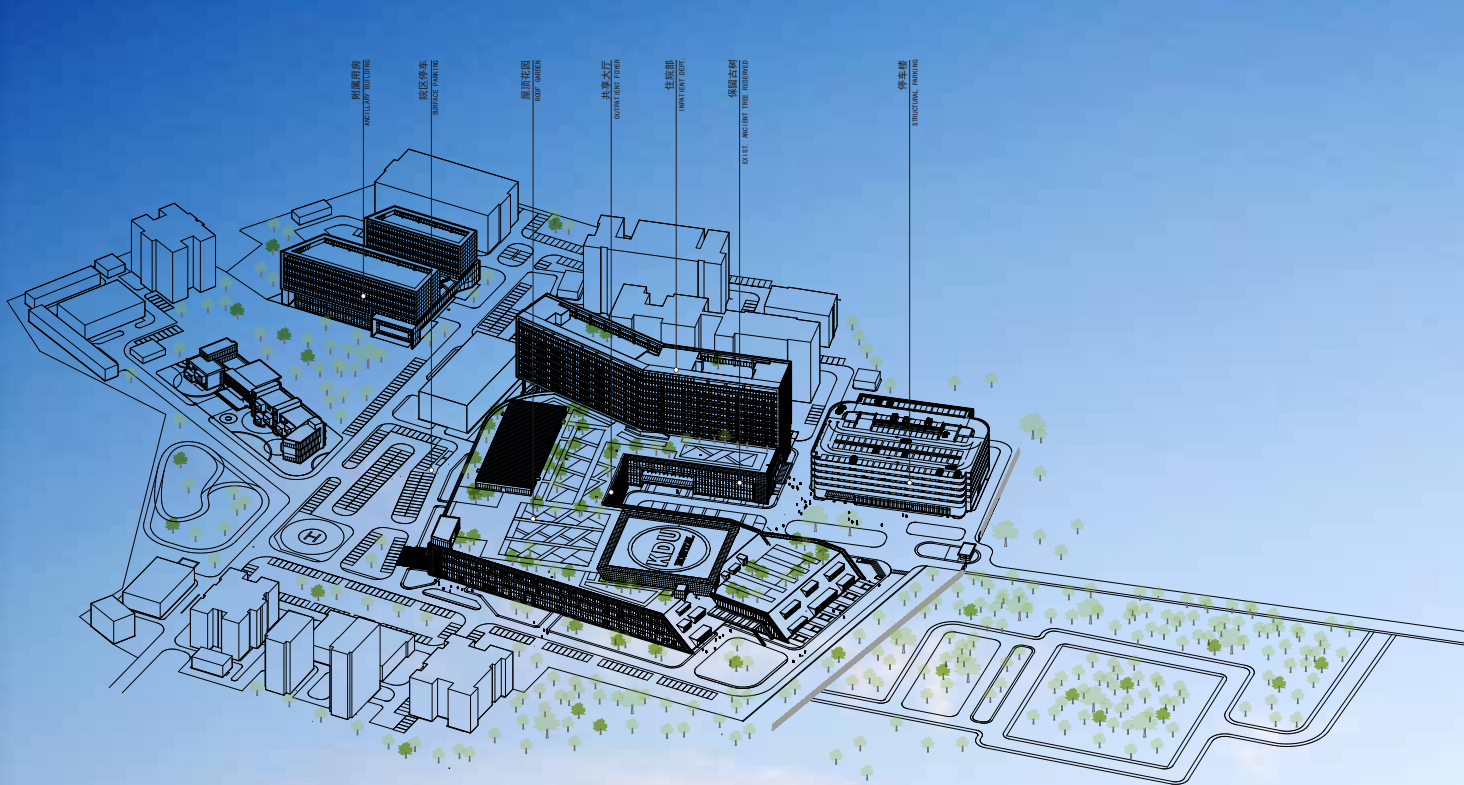
THE TOTAL INVESTMENT OF THE PLAN IS 1 BILLION; THE DESIGN PHASE INCLUDES SCHEMATIC DESIGN; DESIGN DEVELOPMENT, CONSTRUCTION, THE TOTAL AREA OF THE MAIN BUILDING OF THE HOSPITAL IS ABOUT 76,000 SQUARE METERS, AND THE STRUCTURAL TYPE IS REINFORCED CONCRETE FRAME-SEISMIC WALL STRUCTURE, INCLUDING 10 FLOORS ABOVE GROUND.

项目地址：Werahera，斯里兰卡
建筑面积：总建筑面积约 126, 000 平方米
项目阶段：已竣工
床位数：704 床

KDU NATIONAL
DEFENSE UNIVERSITY HOSPITAL
斯里兰卡 KDU 国防大学陆军教学医院

01





建筑入口弧形玻璃幕墙上的折线是心电图的心率波的形象传达，在夜间发光既是对门诊入口有很好的指向性，同时也代表了一种生命的延续。同时门诊东南角的结构悬挑寓意一种现在医学的潜在力量。

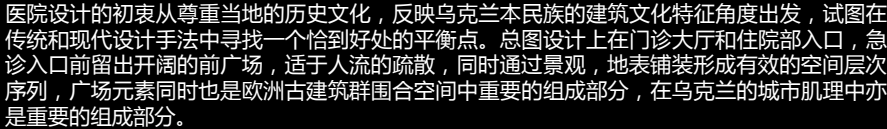
和地面铺装相同，建筑小品和雕塑同样也具有一定的象征意味：门诊大厅前的“山脉”小品结合铺地象征着乌克兰美丽的自然风光；东南角花园里的“残垣断壁”是对古罗马帕提农神庙的废墟回忆；住院部门前的“柯布西耶人”雕塑，是一种力量和挣脱牢笼的精神传递；西侧的疗养花园中的“手拉手”雕塑则同样象征着一种超自然能力和战胜病魔的信仰。整体建筑和景观充满着温情和浓厚的医疗和地域文化韵味。

THE FOLD LINE ON THE CURVED GLASS CURTAIN WALL OF THE BUILDING ENTRANCE IS THE IMAGE OF THE HEART RATE WAVE OF THE ELECTROCARDIOGRAM. THE ILLUMINATION AT NIGHT IS NOT ONLY GOOD FOR THE WAY FINDING OF ENTRANCE OF THE HOSPITAL, BUT ALSO REPRESENTS A CONTINUATION OF LIFE. AT THE SAME TIME, THE STRUCTURAL OVERHANG OF THE SOUTHEAST CORNER OF THE CLINIC SYMBOLIZES THE POTENTIAL POWER OF CURRENT MEDICAL TECHNOLOGY.

LIKE THE GROUND PAVING, THE ARCHITECTURAL SCULPTURES ALSO HAVE A CERTAIN SYMBOLIC MEANING: THE "MOUNTAIN" ESSAYS IN FRONT OF THE OUTPATIENT HALL SYMBOLIZE THE BEAUTIFUL NATURAL SCENERY OF UKRAINE; THE "WRECKED WALL" IN THE SOUTHEAST CORNER GARDEN IS THE ANCIENT ROMAN REMINISCENCE OF THE RUINS OF THE TEMPLE OF THE TEMPLES; THE "CORBUSIER" SCULPTURE IN FRONT OF THE INPATIENT DEPARTMENT IS A FORCE AND A SPIRITUAL TRANSMISSION THAT BREAKS AWAY FROM THE CAGE; THE "HAND IN HAND" SCULPTURE IN THE HEALING GARDEN ON THE WEST SIDE ALSO SYMBOLIZES A KIND OF SUPERNATURAL ABILITY AND BELIEF IN OVERCOMING THE DISEASE. THE WHOLE BUILDING AND LANDSCAPE ARE FULL OF WARMTH AND STRONG MEDICAL AND REGIONAL CULTURE.

项目地址：基辅，乌克兰
建筑面积：总建筑面积 70,195 平方米
项目阶段：设计中
床位数：350 床
项目阶段：设计中

UKRAINIAN MINISTRY
OF DEFENSE HOSPITAL
乌克兰国防部医院



门诊大厅的沿街立面做了大胆的现代化语言的尝试,打破传统对称的平面布局。通过局部的弧形玻璃幕墙,转角的铜板格栅,横向条窗和竖向石材格栅的结合应运,体现出建筑鲜明的时代品味。同时,三层候诊区的局部弧形突出后,可以巧妙的形成门诊大厅的入口雨棚,具有鲜明的标识意义。

THE ORIGINAL INTENTION OF THE HOSPITAL DESIGN IS TO TRY TO FIND A PROPER BALANCE BETWEEN TRADITIONAL AND MODERN DESIGN TECHNIQUES, RESPECTING THE LOCAL HISTORY AND CULTURE AND REFLECTING THE ARCHITECTURAL CULTURE CHARACTERISTICS OF THE UKRAINIAN NATION. THE GENERAL PLAN IS DESIGNED IN THE ENTRANCE OF THE OUTPATIENT HALL AND THE INPATIENT DEPARTMENT. THE OPEN FRONT SQUARE IS RESERVED IN FRONT OF THE EMERGENCY ENTRANCE. IT IS SUITABLE FOR EVACUATION OF PEOPLE. AT THE SAME TIME, THROUGH THE LANDSCAPE AND SURFACE PAVEMENT, AN EFFECTIVE SPATIAL HIERARCHY IS FORMED. THE SQUARE ELEMENTS ARE ALSO EUROPEAN ANCIENT BUILDINGS. AN IMPORTANT PART OF THE ENCLOSED SPACE IS ALSO AN IMPORTANT PART OF UKRAINIAN URBAN FABRIC.

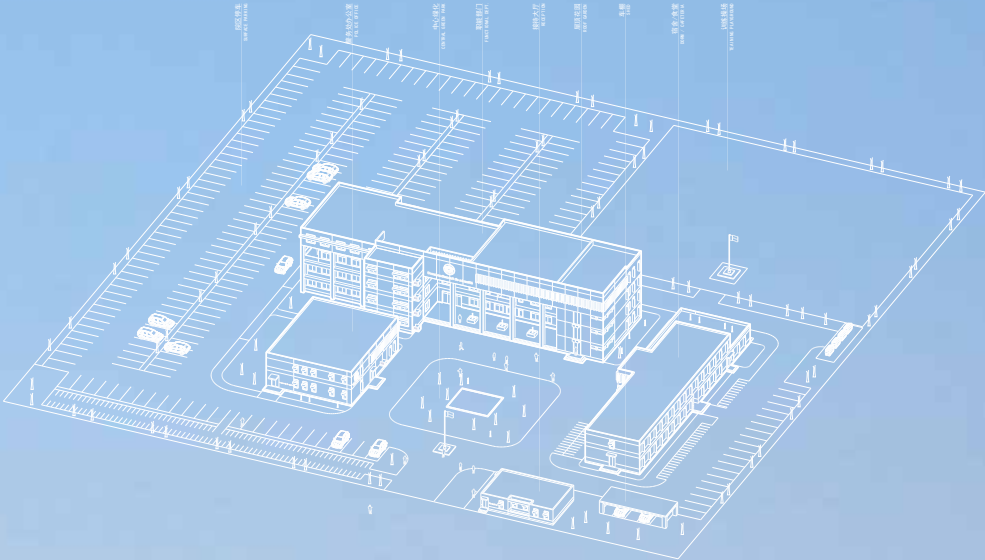


项目的建设目的是为贝宁共和国警察系统提供从中央到地方的各级警务办公建筑，以改善警察系统的政务、办公及执法条件；还提供一个设施完整的警察学校，满足教师和学生观的教学和生活要求。

建筑设计密切结合了贝方政府及使用者的周全而具体的使用需求，在有限的建设和经济条件下设计仍维持了建筑良好的功能、环境和形象。

THE PROJECT IS DESIGNED TO PROVIDE THE POLICE SYSTEM OF THE REPUBLIC OF BENIN FROM ALL LEVELS OF THE CENTRAL TO LOCAL POLICE OFFICE BUILDINGS TO IMPROVE THE ADMINISTRATIVE, OFFICE AND LAW ENFORCEMENT CONDITIONS OF THE POLICE SYSTEM; AND TO PROVIDE A FULLY EQUIPPED POLICE SCHOOL TO MEET THE VIEWS OF TEACHERS AND STUDENTS, TEACHING AND LIVING REQUIREMENTS.

THE ARCHITECTURAL DESIGN CLOSELY COMBINES THE COMPREHENSIVE AND SPECIFIC NEEDS OF THE BENIN GOVERNMENT AND USERS, AND THE DESIGN MAINTAINS A GOOD FUNCTION, ENVIRONMENT AND IMAGE UNDER THE LIMITED CONSTRUCTION BUDGET.



BENIN
POLICE COMMAND & SCHOOL
贝宁警察司令部 & 警察学校

项目地址：贝宁
建筑面积：总建筑面积 62,895 平方米
项目阶段：设计中

03



在修那人的语言中，津巴布韦意为“石头造的房子”。大津巴布韦遗址使用了不用灰泥粘结只用石块建造的技术。方案延续了当地文化特色和传统，结合当地气候，采用坡屋面，深挑檐和横竖向遮阳板相穿插的建筑形式，避免太阳光的直接照射进室内而损耗能源。

在建筑的基座层运用不规则的石材来模拟大津巴布韦的石头城遗址。使得场地具有文化内涵和鲜明的场所精神，院落通过围合和敞开获得自然风的流动。场地中的大大小小的水体既可物理性的起到降温的作用，同时作为景观设计的重要组成部分，给病人以精神愉悦的心理感受。



IN THE LANGUAGE OF THE SHUNA, ZIMBABWE MEANS "A STONE-BUILT HOUSE". THE GREAT ZIMBABWE SITE USES TECHNIQUES THAT ARE NOT PLASTERED AND BUILT WITH ONLY STONES.

THE PROGRAM CONTINUES THE LOCAL CULTURAL CHARACTERISTICS AND TRADITIONS, COMBINED WITH THE LOCAL CLIMATE, USING SLOPE ROOFS, DEEP PROVOCATIVE AND HORIZONTAL AND VERTICAL VISOR INTERSPERSED ARCHITECTURAL FORMS, TO AVOID DIRECT SUNLIGHT INTO THE ROOM AND LOSS OF ENERGY.



项目地址：哈拉雷，津巴布韦
建筑面积：总建筑面积 106,440 平方米
项目阶段：规划设计（中标方案）
床位数：1000 床

ZIMBABWE
GENERAL HOSPITAL
津巴布韦综合医院

04

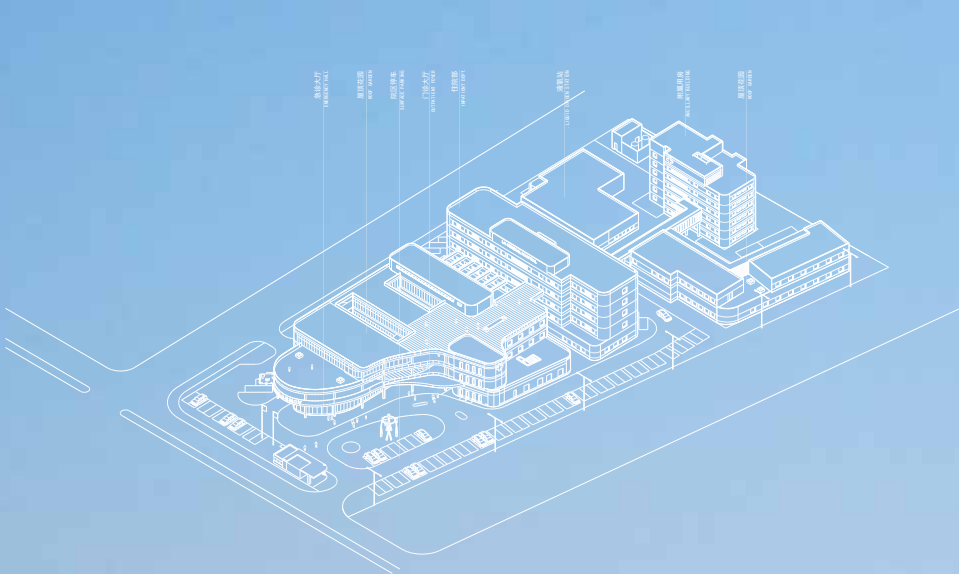
本项目位于加纳南部海滨的 GREATER ACCRA 省，属于热带雨林气候区。医院占地面积 3.78 英亩，为一较规则的梯形，东西宽约 71~97 米，南北长约 180 米。北侧临城市主路，东侧为城市支路，市政电源及水源均来自东侧路。新建项目将在现有院区范围内原地重建。院区总建筑面积 16,150 平方米，床位 185 张。本项目由医疗主楼及辅助功能建筑组成。医疗主楼包括：门诊楼、医技楼、病房楼，后勤办公楼包括设备机房、食堂、办公及职工宿舍等。

主体建筑造型宛如一架优美的白色钢琴，在非洲大陆奏出优美的乐章。

THE PROJECT IS LOCATED IN THE GREATER ACCRA PROVINCE ON THE SOUTHERN COAST OF GHANA AND IS A TROPICAL RAINFOREST CLIMATE ZONE. THE HOSPITAL COVERS AN AREA OF 3.78 ACRES, A RELATIVELY REGULAR TRAPEZOID, ABOUT 71-97 METERS WIDE FROM EAST TO WEST AND ABOUT 180 METERS LONG FROM NORTH TO SOUTH. ON THE NORTH SIDE IS THE MAIN ROAD TO THE CITY, ON THE EAST SIDE IS THE CITY BRANCH ROAD, AND THE MUNICIPAL POWER SUPPLY AND WATER SOURCE ARE FROM THE EAST SIDE ROAD.

THE NEW PROJECT WILL BE REBUILT IN SITU WITHIN THE EXISTING CAMPUS. THE TOTAL CONSTRUCTION AREA OF THE COURTYARD IS 16,150 SQUARE METERS AND THE NUMBER OF BEDS IS 185. THE PROJECT CONSISTS OF A MEDICAL MAIN BUILDING AND AN AUXILIARY FUNCTION BUILDING. THE MAIN MEDICAL BUILDING INCLUDES: OUTPATIENT BUILDING, MEDICAL TECHNOLOGY BUILDING, WARD BUILDING, AND LOGISTICS OFFICE BUILDING WHICH INCLUDES EQUIPMENT ROOM, CANTEEN, OFFICE AND STAFF QUARTERS, ETC .

THE MAIN BUILDING IS SHAPED LIKE A BEAUTIFUL WHITE PIANO, PLAYING A BEAUTIFUL MOVEMENT ON THE AFRICAN CONTINENT.



项目地址：GREATER ACCRA，加纳
建筑面积：总建筑面积 16,150 平方米
项目阶段：设计中
床位数：185 床

GHANA LA HOSPITAL 05

加纳 LA 医院

住院部的主楼采用浅灰色石材设计，高端稳重，同时和裙房的深灰色形成同色系的对比，成为建筑的主色。同时通过俩片竖向纹理的石材墙面，强调建筑的挺拔。顶部设计则采用百叶和框架（铝板包面）形成建筑轮廓线的控制，打破了建筑的呆板构图。

老朝阳医院的外墙是砖红色的。朝阳双桥医院通过相近颜色的暖色陶板处理，在建筑转角和建筑西北立面上加以点缀，形成鲜明的文化意象，生活记忆，和冷暖搭配。

THE MEDICAL TECHNOLOGY BUILDING ADOPTS THE DARK GRAY ALUMINUM PANEL EXTERIOR WALL DESIGN, WHICH IS MODERN AND NOBLE. THE HORIZONTAL WINDOW BREAKS THROUGH THE SIMPLE TREATMENT OF THE TRADITIONAL HOSPITAL SQUARE WINDOW, AND AT THE SAME TIME, THE ENTRANCE OF THE EMERGENCY BUILDING IS TREATED WITH EMPHASIS, SO THAT THE PATIENT CAN QUICKLY FIND THE EMERGENCY AREA. THE TOP OF THE MEDICAL BUILDING IS DESIGNED AS A ROOF GARDEN, WHICH PROVIDES AN OUTDOOR ACTIVITY PLACE FOR INPATIENTS AND ALSO PROVIDES A GOOD VISUAL EXPERIENCE.

THE EXTERIOR WALL OF THE OLD CHAOYANG HOSPITAL IS BRICK RED. CHAOYANG SHUANGQIAO HOSPITAL IS DECORATED WITH WARM COLOR CERAMIC PLATES OF SIMILAR COLORS, EMBELLISHED ON THE CORNERS OF THE BUILDING AND THE NORTHWEST FACADE OF THE BUILDING, FORMING A DISTINCT CULTURAL IMAGE, LIFE MEMORY, AND MATCHING WITH COLD AND WARM.

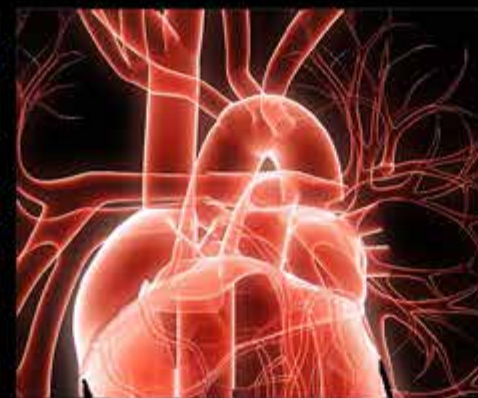


项目地址：朝阳，北京
用地面积：27.147 亩
建筑面积：64900 m²
床位数：500 床
项目阶段：设计中

BEIJING CHAOYANG
SHUANGQIAO HOSPITAL
北京朝阳区双桥医院

总体规划延续建筑理念中的组织原则，即清晰分开员工，访客，贵宾，急救与物流服务入口。这种做法能改善识路功能，进一步消除不安情绪，为所有使用者打造出舒适的体验。总体规划把场地分成公共与私人区。不论是前往总医院或是门诊部，病人及其家属都将受到没有阻碍的识路指引。到急救室，服务区，以及其他后勤区域的交通都被安排在不同层，进一步优化场地空间利用率，为整个医院打造一个康复公园。

两个医院分别有为门诊部和住院部长廊服务的裙楼。裙楼内设各种不同功能区，人们可以在这里沟通，讨论，集会。另外，裙楼也作为一条通向室内 / 外花园的视觉轴线，供家属与员工使用。作为整个场地中央绿化区的视觉延续，透明的裙楼还具有零售，餐饮，室内花园和集会场所等功能。



项目地址：昆明，云南
建筑面积：总建筑面积 29.3 万平方米
床位数：1000 床
项目阶段：投标方案（联合设计）

THE MASTER PLAN CONTINUES THE ORGANIZATION ESTABLISHED BY THE BUILDING CONCEPT WITH THE CLEAR SEPARATION OF ACCESS OF STAFF, VISITORS, VIP, EMERGENCY AND LOGISTICAL SERVICES. THIS IMPROVES WAY FINDING, FURTHER REDUCING ANXIETY AND LEADS OVERALL TO A MORE PLEASANT EXPERIENCE FOR ALL USERS. THE MASTER PLAN DIVIDES THE SITE INTO PUBLIC AND PRIVATE ZONES. ARRIVING AT THE GENERAL HOSPITAL, OR VISITING AN OUT-PATIENT CLINIC, PATIENTS AND THEIR FAMILIES WILL BE GUIDED THROUGH UNOBTUSIVE WAY-FINDING CUES. TRAFFIC TO THE EMERGENCY ROOM TO THE SERVICE AREA AND OTHER BACK-OF-HOUSE TRAFFIC IS ROUTED ON A DIFFERENT LEVEL FURTHER ARTICULATING THE EFFICIENT USE OF THE SITE IN CREATING A HEALING PARK FOR THE OVERALL HOSPITAL CAMPUS.

YUNNAN FUWAI
CARDIOVASCULAR HOSPITAL
云南阜外心血管病医院

07



医院建筑一方面要满足复杂的医疗工艺需求，另一方面其外观和环境设计要调节患者的心理状况，舒缓焦虑情绪。本案充分利用北广场康复花园、南侧梧桐花园及树林、局部下沉庭院和屋顶花园，打造充满绿色的立体园林化医院。

首层选用干挂石材外立面。主入口宽 40M，高 7M，以突出其宏伟庄重的气势。主入口采用干挂石材与玻璃幕墙结合，钢结构的造型屋架和玻璃采光顶结合，出挑的玻璃雨棚与石材和红砖片墙结合，以突出主入口标志性效果。

主入口采用干挂石材与玻璃幕墙结合，钢结构的造型屋架和玻璃采光顶结合，出挑的玻璃雨棚与石材和红砖片墙结合，以突出主入口标志性效果。

建筑单体选用红色面砖与灰白石材结合，与西侧的住宅小区协调，以体现区域的整体风貌。



ON THE ONE HAND, HOSPITAL BUILDINGS SHOULD SATISFY THE COMPLEX MEDICAL TECHNOLOGY NEEDS, ON THE OTHER HAND, THEIR APPEARANCE AND ENVIRONMENTAL DESIGN SHOULD ADJUST THE PSYCHOLOGICAL STATUS OF PATIENTS AND RELIEVE ANXIETY. THIS CASE MAKES FULL USE OF THE REHABILITATION GARDEN OF NORTH SQUARE, THE SYCAMORE GARDEN AND WOODS ON THE SOUTH SIDE, PARTIALLY SUNKEN COURTYARDS AND ROOF GARDENS TO BUILD A THREE-DIMENSIONAL GARDEN HOSPITAL FULL OF GREEN.

DRY HANGING STONE EXTERIOR FACADE IS SELECTED FOR THE FIRST FLOOR. THE MAIN ENTRANCE IS 40M WIDE AND 7M HIGH TO HIGHLIGHT ITS MAGNIFICENT AND SOLEMN MOMENTUM. THE MAIN ENTRANCE IS COMPOSED OF DRY-HANGING STONE AND GLASS CURTAIN WALL, STEEL ROOF AND GLASS LIGHTING ROOF, AND THE GLASS AWNING WITH STONE AND RED BRICK WALL TO HIGHLIGHT THE LANDMARK EFFECT OF THE MAIN ENTRANCE.

THE MAIN ENTRANCE IS COMPOSED OF DRY-HANGING STONE AND GLASS CURTAIN WALL, STEEL ROOF AND GLASS LIGHTING ROOF, AND THE GLASS AWNING WITH STONE AND RED BRICK WALL TO HIGHLIGHT THE LANDMARK EFFECT OF THE MAIN ENTRANCE.

RED BRICK AND LIME-WHITE STONE ARE USED AS BUILDING UNITS TO COORDINATE WITH RESIDENTIAL AREAS ON THE WEST SIDE TO REFLECT THE OVERALL STYLE OF THE AREA.

项目地址：丰台，北京
基地面积：42 亩
建筑面积：27000 平方米
床位数：400 床
项目阶段：施工中

BEIJING ZHONGCHENG TUMOR HOSPITAL 北京忠诚肿瘤医院

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北京陆道培血液病医院是以中国著名血液病专家、中国造血干细胞移植奠基人、工程院院士陆道培院士命名的三级血液病专科医院。

本项目为改造项目，原功能为工业厂房，地上五层，地下一层，设计床位 400 床，层流病房 12 间，手术室 4 间，ICU9 床，日门诊量 100 人次。

总建筑面积：47085㎡，其中：地上 39552㎡，地下：7533㎡，地下一层，地上五层，建筑高度：23.85m。主要功能布局如下：地下室主要布置消毒供应中心、营养厨房、职工餐厅、车库、设备机房等；首层主要设置大厅、放射影像科、功能检查、热疗、内镜、门诊、输液、中医科、VIP 接待、智慧医疗、消防控制室、咖啡厅等；二层主要设置层流病房、检验科、血库、GMP 实验室、药库、药物配置中心等；三层主要设置病房和高级病房；四层主要设置病房和 ICU，五层主要设置手术部、办公、信息中心、会议室、图书馆等功能。

BEIJING LUDAOPEI HEMATOLOGY HOSPITAL IS A THREE-LEVEL BLOOD DISEASE SPECIALIST HOSPITAL NAMED AFTER THE FAMOUS CHINESE HEMATOLOGY EXPERT, THE FOUNDER OF CHINESE HEMATOPOIETIC STEM CELL TRANSPLANTATION, AND THE ACADEMICIAN OF THE ACADEMY OF ENGINEERING, LU DAOPEI.

THE PROJECT IS A RENOVATION PROJECT. THE ORIGINAL FUNCTION IS AN INDUSTRIAL PLANT WITH FIVE FLOORS ABOVE GROUND AND A BASEMENT. THE DESIGN BED IS 400 BEDS, THE LAMINAR FLOW WARD IS 12, THE OPERATING ROOM IS 4, THE ICU IS 9 BEDS, AND THE DAILY OUTPATIENT VOLUME IS 100.

THE TOTAL CONSTRUCTION AREA: 47085 SQUARE METERS, OF WHICH: 39552 SQUARE METERS ABOVE GROUND, UNDERGROUND: 7533 SQUARE METERS, UNDERGROUND ONE FLOOR, FIVE FLOORS ABOVE GROUND, BUILDING HEIGHT: 23.85M. THE MAIN FUNCTIONS ARE AS FOLLOWS: THE BASEMENT IS MAINLY EQUIPPED WITH DISINFECTION SUPPLY CENTER, NUTRITION KITCHEN, STAFF RESTAURANT, GARAGE, EQUIPMENT ROOM, ETC.; THE FIRST FLOOR IS MAINLY SET UP HALL, RADIOLOGY DEPARTMENT, FUNCTIONAL EXAMINATION, HYPERTHERMIA, ENDOSCOPY, CLINIC, INFUSION, CHINESE MEDICINE, VIP RECEPTION, SMART MEDICAL, FIRE CONTROL ROOM, COFFEE SHOP, ETC.; THE SECOND FLOOR IS MAINLY SET UP LAMINAR FLOW WARD, LABORATORY, BLOOD BANK, GMP LABORATORY, DRUG STORE, DRUG CONFIGURATION CENTER, ETC.; THREE FLOORS MAINLY SET-UP WARDS AND ADVANCED WARDS; FOUR FLOORS MAINLY SET UP WARD AND ICU, THE FIFTH FLOOR MAINLY SETS UP THE FUNCTIONS OF SURGERY DEPARTMENT, OFFICE, INFORMATION CENTER, CONFERENCE ROOM, LIBRARY, ETC.

项目地址：顺义，北京
基地面积：49707.2 平方米
建筑面积：47085 平方米
床位数：400 床
项目阶段：已竣工

BEIJING LU DAOPEI BLOOD
DISEASE HOSPITAL
北京陆道培血液病医院

传统的中国医院的布局讲究对称，立面的形式也较为单板。方案设计的初衷就是要改变这个固有的医院印象。首先我们把两个住院部的体量打破，消除对称感，同时我们把建筑的主入口也通过一种更加含蓄的方式来表达。东北角的圆形处理，有效的弱化了场地的转角，给人一种亲切感，同时考虑用一个下沉的广场来配合形体的变化。

建筑在立面的处理上借用了老安贞医院立面暗红色陶板的处理手法，形成一种记忆上的共鸣。同时在入口处用一个“柯布西耶人”来托起雨棚，它给人一种力量和保护。

THE LAYOUT OF TRADITIONAL CHINESE HOSPITALS IS SYMMETRICAL, AND THE FORM OF THE FACADE IS RELATIVELY RIGID. THE ORIGINAL INTENTION OF THE PROGRAM DESIGN IS TO CHANGE THIS INHERENT HOSPITAL IMPRESSION. FIRST, WE BROKE THE MASS OF THE TWO INPATIENT DEPARTMENTS AND ELIMINATED THE SENSE OF SYMMETRY. AT THE SAME TIME, WE EXPRESSED THE MAIN ENTRANCE OF THE BUILDING IN A MORE IMPLICIT WAY. THE CIRCULAR TREATMENT OF THE NORTHEAST CORNER EFFECTIVELY WEAKENS THE CORNER OF THE SITE, GIVING A SENSE OF INTIMACY, WHILE CONSIDERING THE USE OF A SINKING SQUARE TO MATCH THE CHANGES IN THE BODY.

THE CONSTRUCTION OF THE FACADE BORROWED THE TREATMENT OF THE DARK RED TERRACOTTA BOARD ON THE FACADE OF THE OLD ANZHEN HOSPITAL, FORMING A MEMORY RESONANCE. AT THE SAME TIME, A "CORBUSIER" WAS USED AT THE ENTRANCE TO LIFT THE CANOPY, WHICH GAVE PEOPLE STRENGTH AND PROTECTION.

项目地址：朝阳，北京
基地面积：74400 m²
建筑面积：185000 m²
床位数：800 床
项目阶段：概念设计

BEIJING DONGFANG
ANZHEN HOSPITAL

北京东方安贞医院

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设计旨在打造一所集基本医疗、中医特色、保健康复、科研、教学、后勤保障为一体的大型综合性、现代化的中医院；打造一所全方位医疗卫生服务为基础医养康三位一体，和谐发展，有机融合的多功能、现代化服务园区；打造一处医疗卫生服务与弘扬中医文化共生、共融的场所。

本项目包含医疗、养老、养生三大功能区，其中养生功能区已完成建设，规划以医疗为主，养老为辅。

设计床位：1200 床；医疗区总用地面积 100 亩；总建筑面积 149880 平方米，其中地上 128400 平方米，地下 21480 平方米。医疗区各功能区沿椭圆两条轴线布置，其中联系紧密的门急诊、医技、住院部沿椭圆短轴布置，办公和教学科研布置在椭圆长轴的两端，形成坐北朝南对称布局。锅炉房、液氧站、污水处理站整合在一起，布置在西侧路边，与北侧后勤辅助楼对应，共同形成整个园区的后勤辅助区。

THE PROPOSAL IS TO BUILD A LARGE-SCALE COMPREHENSIVE AND MODERNIZED CHINESE MEDICINE HOSPITAL INTEGRATING BASIC MEDICAL TREATMENT, TRADITIONAL CHINESE MEDICINE CHARACTERISTICS, HEALTH REHABILITATION, SCIENTIFIC RESEARCH, TEACHING AND LOGISTICS SUPPORT; TO CREATE A COMPREHENSIVE MEDICAL AND HEALTH SERVICE BASED ON THE MEDICAL TRINITY, HARMONIOUS DEVELOPMENT, ORGANIC THE INTEGRATION OF MULTI-FUNCTIONAL, MODERN SERVICE PARKS; CREATING A PLACE FOR MEDICAL AND HEALTH SERVICES TO PROMOTE THE SYMBIOSIS AND INTEGRATION OF CHINESE MEDICINE CULTURE.

THE PROJECT INCLUDES THREE FUNCTIONAL AREAS OF MEDICAL CARE, OLD-AGE CARE AND HEALTH CARE, IN WHICH THE HEALTH-CARE FUNCTIONAL AREA HAS BEEN COMPLETED, AND THE PLANNING IS BASED ON MEDICAL CARE, SUPPLEMENTED BY OLD-AGE CARE.

项目地址：成都，四川
基地面积：177.66 亩
建筑面积：173940 m²
床位数：1200 床
项目阶段：设计中

CHENGDU TRADITIONAL
MEDICINE HOSPITAL

成都中医院大学附属医院天府院区

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新亚洲主义建筑风格不单单是某一个国家、某一种文化的堆砌，它主张的是植根于具有浓厚地域特色的东方传统文化，同时，也会汲取广受欢迎的西方美学，既注重传统追求的含蓄意境，也会追随时代的步伐，展现现代生活的舒适性。譬如建筑裙房的立柱，纤细挺拔，有东亚建筑的特点，住院楼屋面轻盈的悬挑，又极具有中国飞檐的神韵。同时立面的开窗和材质的比例分割，又是欧洲古典文艺复兴建筑的模式。整体建筑风格东西文化交汇，建筑语言丰富而且统一。

THE NEO-ASIAN ARCHITECTURAL STYLE IS NOT JUST A COUNTRY OR A CULTURE. IT ADVOCATES ROOTED IN ORIENTAL TRADITIONAL CULTURE WITH STRONG REGIONAL CHARACTERISTICS. AT THE SAME TIME, IT ALSO DRAWS ON POPULAR WESTERN AESTHETICS, PAYING ATTENTION TO TRADITION. THE PURSUIT OF THE IMPLICIT MOOD, WILL ALSO FOLLOW THE PACE OF THE TIMES, SHOWING THE COMFORT OF MODERN LIFE. FOR EXAMPLE, THE PILLARS OF THE BUILDING PODIUM ARE SLENDER AND STRAIGHT, AND HAVE THE CHARACTERISTICS OF EAST ASIAN ARCHITECTURE. THE INFLATED ROOF OF THE HOSPITAL BUILDING IS LIGHTLY CANTILEVERED AND HAS THE CHARM OF CHINESE CORNICES. AT THE SAME TIME, THE OPENING OF THE FACADE AND THE DIVISION OF THE MATERIAL ARE THE PATTERNS OF EUROPEAN CLASSICAL RENAISSANCE ARCHITECTURE. THE OVERALL ARCHITECTURAL STYLE MEETS THE CULTURE OF THE EAST AND WEST, AND THE ARCHITECTURAL LANGUAGE IS RICH AND UNIFIED.

项目地址：濮阳，河南
建筑面积：总建筑面积约 230, 000 平方米
床位数：1000 床
项目阶段：设计中

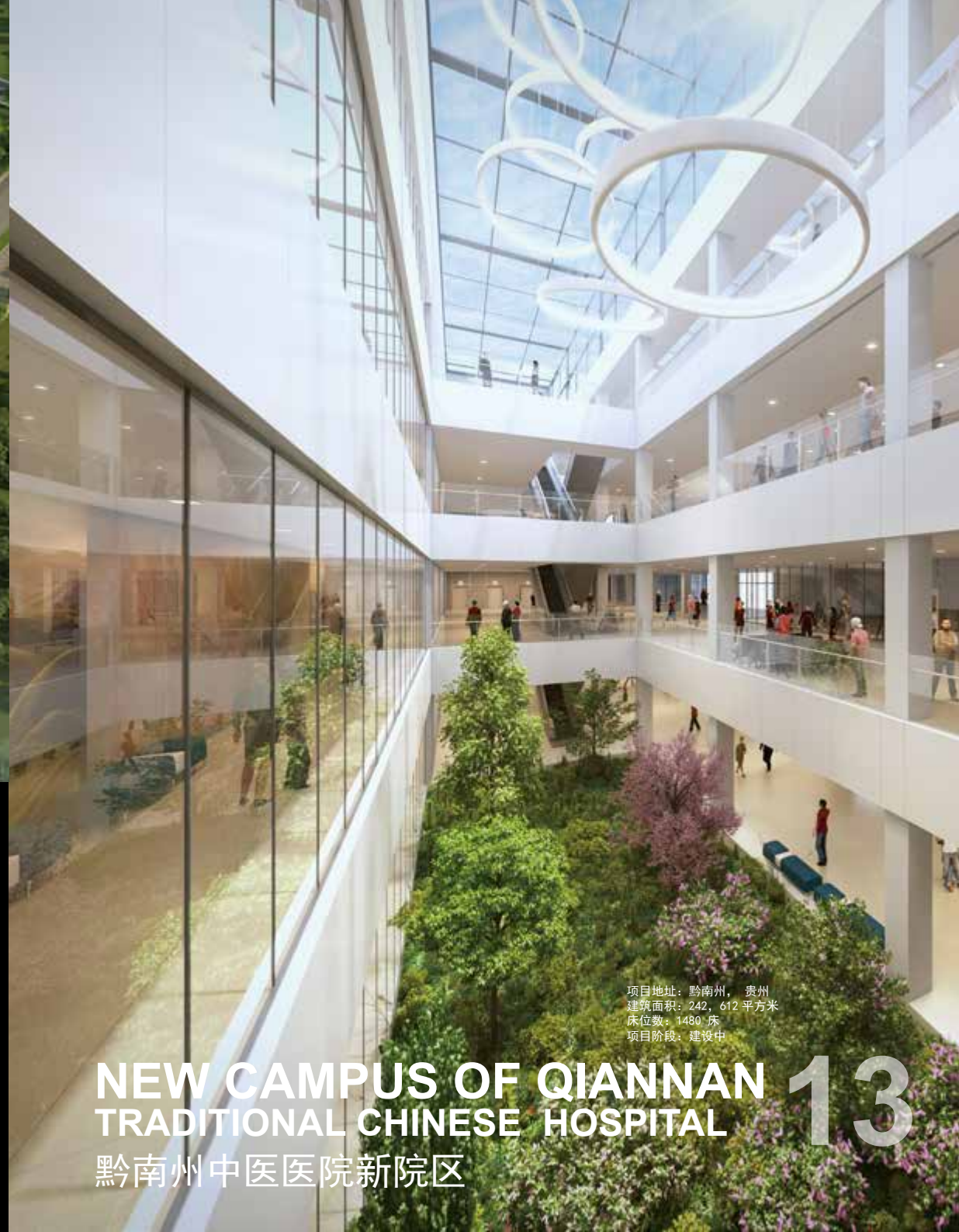
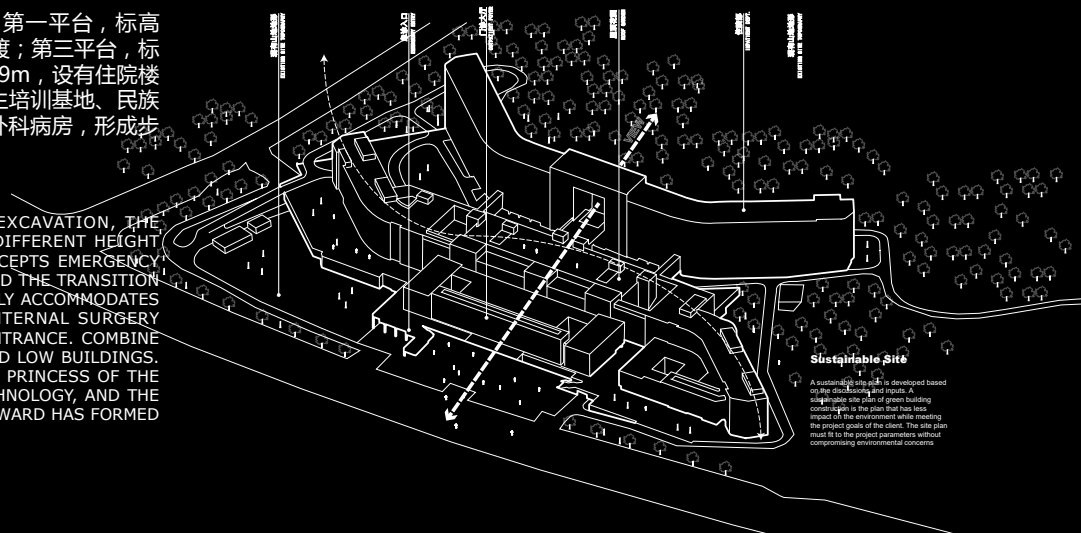
PUYANG QINGFENG HOSPITAL

河南省濮阳清丰医院



为合理利用地形，减少挖方量，结合交通组织将用地分为四个高差不同的平台，第一平台，标高775m，主要接纳门急诊人流；第二平台，标高为782.6m，是第一和第三平台的过渡；第三平台，标高796.4m，主要接纳住院人流；第四平台位于内外科住院楼北侧，标高为801~809m，设有住院楼次入口。结合地形和不同平台形成高中低三个建筑层次，最低层次为门诊、全科医生培训基地、民族医学中心的裙房，中间层次为骨科中心、医技、民族医学中心病房，最高层次为内外科病房，形成步步升高的态势！

IN ORDER TO MAKE RATIONAL USE OF THE TERRAIN AND REDUCE THE AMOUNT OF EXCAVATION, THE TRANSPORTATION ORGANIZATION WILL DIVIDE THE LAND INTO FOUR PLATFORMS WITH DIFFERENT HEIGHT DIFFERENCES. THE FIRST PLATFORM HAS AN ELEVATION OF 775 METER, WHICH MAINLY ACCEPTS EMERGENCY EVACUATION. THE SECOND PLATFORM HAS AN ELEVATION OF 782.6M, WHICH IS THE FIRST AND THE TRANSITION OF THE THIRD PLATFORM; THE THIRD PLATFORM, WITH AN ELEVATION OF 796.4 METER, MAINLY ACCOMMODATES INPATIENT FLOW; THE FOURTH PLATFORM IS LOCATED ON THE NORTH SIDE OF THE INTERNAL SURGERY INPATIENT BUILDING, WITH AN ELEVATION OF 801-809M, WITH AN INPATIENT BUILDING ENTRANCE. COMBINE THE TOPOGRAPHY AND DIFFERENT PLATFORMS TO FORM THREE LEVELS OF HIGH, MEDIUM AND LOW BUILDINGS. THE LOWEST LEVEL IS THE OUTPATIENT, GENERAL PRACTITIONER TRAINING BASE, AND THE PRINCESS OF THE NATIONAL MEDICAL CENTER. THE MIDDLE LEVEL IS THE ORTHOPEDIC CENTER, MEDICAL TECHNOLOGY, AND THE CENTER OF THE NATIONAL MEDICAL CENTER. THE HIGHEST LEVEL IS INTERNAL SURGERY. THE WARD HAS FORMED A SITUATION OF INCREASING STEP BY STEP.

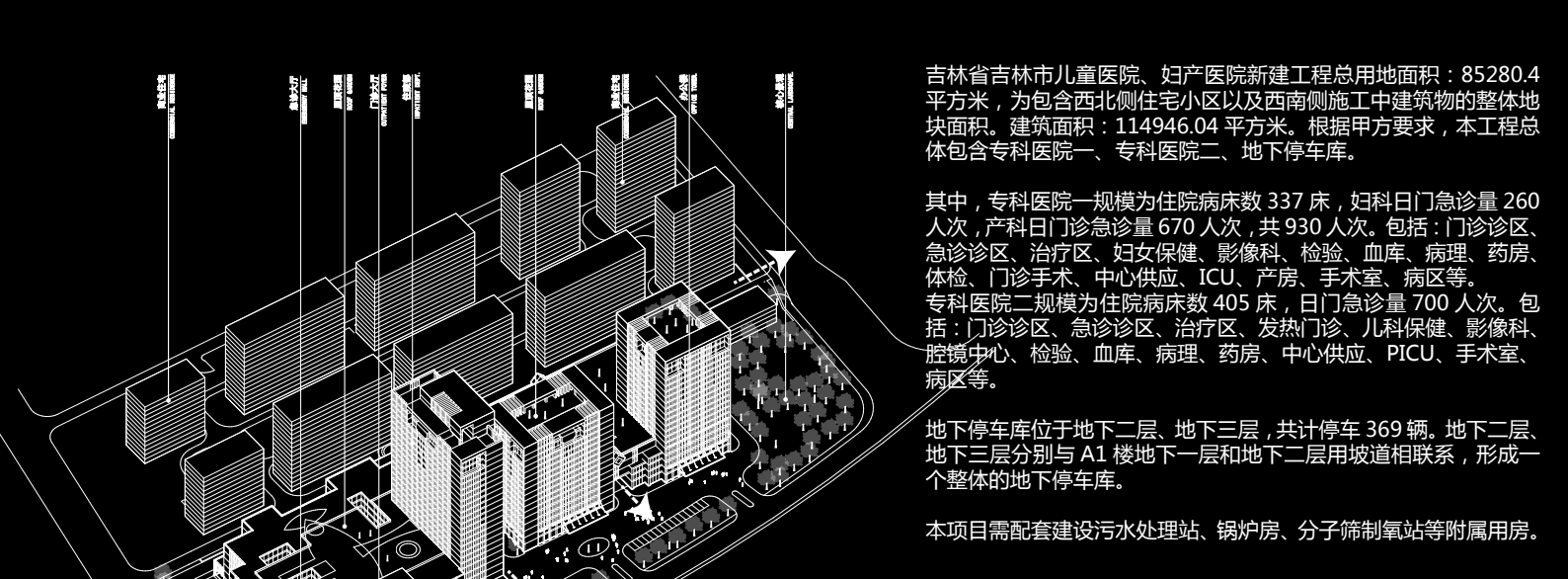


项目地址：黔南州， 贵州
建筑面积：242, 612 平方米
床位数：1480 床
项目阶段：建设中

NEW CAMPUS OF QIANNAN TRADITIONAL CHINESE HOSPITAL

黔南州中医医院新院区

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吉林省吉林市儿童医院、妇产医院新建工程总用地面积：85280.4平方米，为包含西北侧住宅小区以及西南侧施工中建筑物的整体地块面积。建筑面积：114946.04平方米。根据甲方要求，本工程总体包含专科医院一、专科医院二、地下车库。

其中，专科医院一规模为住院病床数 337 床，妇科日门急诊量 260 人次，产科日门急诊量 670 人次，共 930 人次。包括：门诊诊区、急诊诊区、治疗区、妇女保健、影像科、检验、血库、病理、药房、体检、门诊手术、中心供应、ICU、产房、手术室、病区等。专科医院二规模为住院病床数 405 床，日门急诊量 700 人次。包括：门诊诊区、急诊诊区、治疗区、发热门诊、儿科保健、影像科、腔镜中心、检验、血库、病理、药房、中心供应、PICU、手术室、病区等。

地下车库位于地下二层、地下三层，共计停车 369 辆。地下二层、地下三层分别与 A1 楼地下一层和地下二层用坡道相联系，形成一个整体的地下车库。

本项目需配套建设污水处理站、锅炉房、分子筛制氧站等附属用房。



THE TOTAL LAND AREA FOR THE NEW CONSTRUCTION OF JILIN CHILDREN'S HOSPITAL AND MATERNITY HOSPITAL IN JILIN PROVINCE IS 85280.4 SQUARE METERS, WHICH IS THE OVERALL PLOT AREA OF THE RESIDENTIAL BUILDINGS IN THE NORTHWEST AND THE BUILDINGS IN THE SOUTHWEST. BUILDING AREA: 114,946 SQUARE METERS . ACCORDING TO THE REQUIREMENTS OF PARTY A, THE PROJECT GENERALLY INCLUDES A SPECIALIZED HOSPITAL, A SPECIALIST HOSPITAL, AND AN UNDERGROUND PARKING GARAGE.

AMONG THEM, THE NUMBER OF SPECIALIST HOSPITALS WAS 337 BEDS IN HOSPITAL BEDS, 260 PERSON-TIMES IN GYNECOLOGY, AND 670 PERSON-TIMES IN OBSTETRICS DAY OUTPATIENTS, WITH A TOTAL OF 930 PERSON-TIMES. INCLUDING: OUTPATIENT CLINIC, EMERGENCY CLINIC, TREATMENT AREA, WOMEN'S HEALTH, IMAGING, TESTING, BLOOD BANK, PATHOLOGY, PHARMACY, PHYSICAL EXAMINATION, OUTPATIENT SURGERY, CENTRAL SUPPLY, ICU, DELIVERY ROOM, OPERATING ROOM, WARD. THE NUMBER OF SPECIALIST HOSPITALS IS 405 BEDS FOR INPATIENT BEDS AND 700 EMERGENCY ROOMS FOR DAY-END HOSPITALS. INCLUDING: OUTPATIENT CLINIC, EMERGENCY CLINIC, TREATMENT AREA, FEVER CLINIC, PEDIATRIC HEALTH CARE, IMAGING DEPARTMENT, ENDOSCOPY CENTER, EXAMINATION, BLOOD BANK, PATHOLOGY, PHARMACY, CENTER SUPPLY, PICU, OPERATING ROOM, WARD, ETC.

项目地址：吉林，吉林省
建筑面积：总建筑面积约 11.5 万平方米
床位数：1800 床
项目阶段：建设中

JILIN CITY 1800 BED
GENERAL HOSPITAL

吉林市 1800 床综合医院

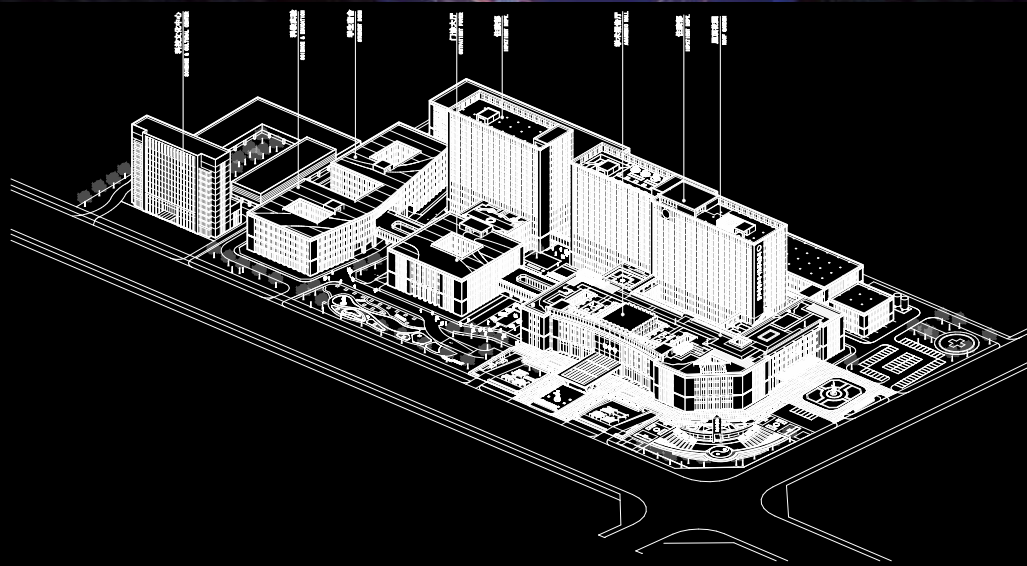
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河北省沧州中西医结合医院是全国首批集医疗、教学、科研、预防、保健、健康养生等多功能为一体的三级甲等中西医结合医院。本项目位于沧州市高新区，是医院的康复院区新建工程，以基本医疗为基础，突出传统医学和骨伤康复专科，同时是高新区的配套医疗卫生工程，为本区居民提供基本的医疗服务。一期的门急诊医技综合楼总建筑面积为 121536.38 平方米，地上 96298.06 平方米，地下 25238.32 平方米；地上五至十六层，地下二层，建筑高度 66.6m。楼内设有急诊、门诊、医技、住院、后勤保障及辅助的功能部门。

建筑布局借鉴中国传统的模式，以庭院为中心布置，通过形体的变异、转折、切角等设计手法，形成既满足功能需求又具有中国传统文化内涵的建筑形式。针对本项目特点，我们坚持从使用者切身感受出发，打造一所以基本医疗为基础，突出骨伤和康复特色，功能合理，以人为本，环境优美，安全，智能，弹性，绿色，超前，有文化内涵的现代化医院。

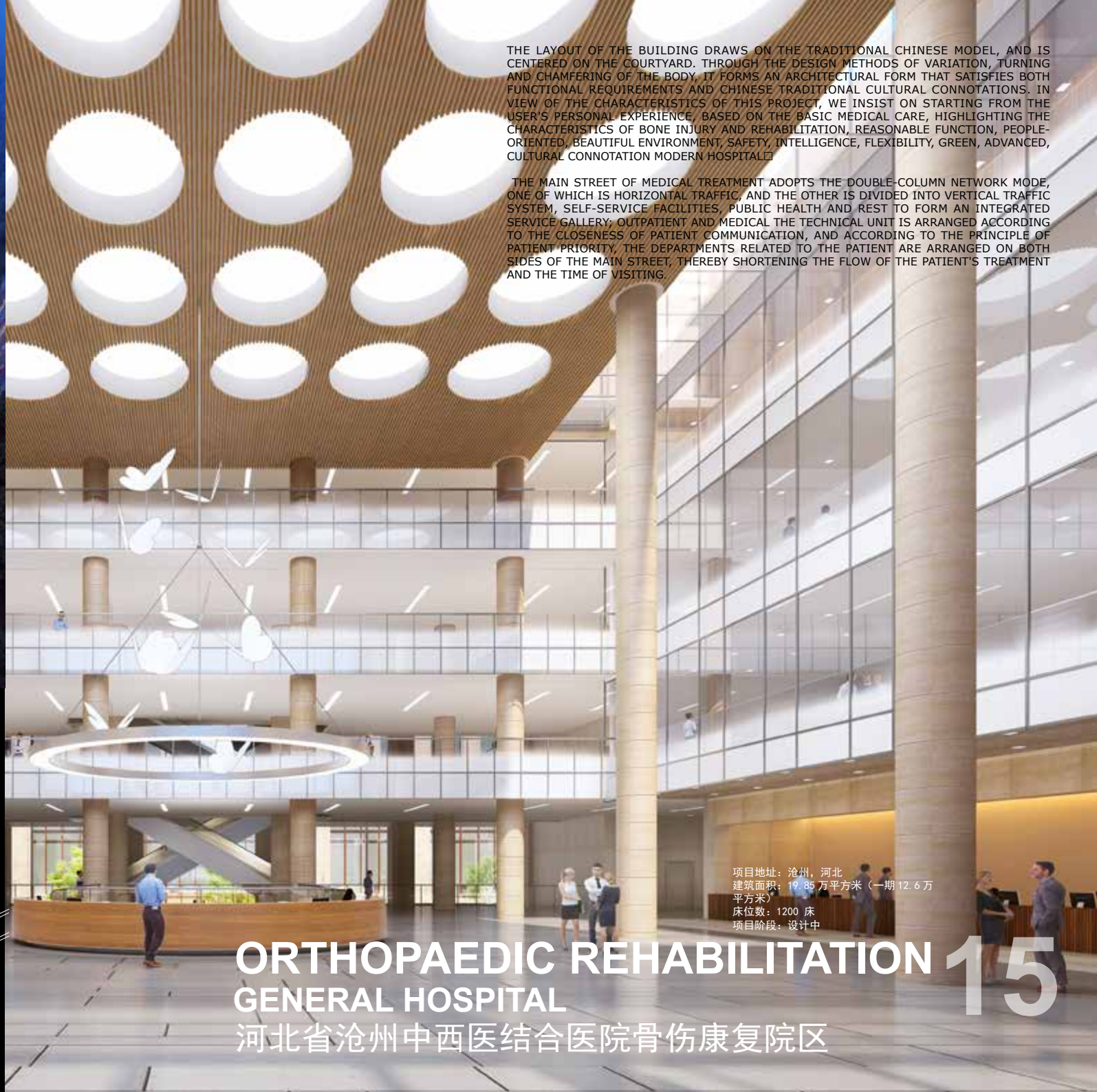
医疗主街采用采用双柱网模式，其一为横向交通，另外一个柱网分区布置竖向交通系统、自助服务设施、公共卫生及休息等功能，形成综合服务廊；门诊、医技单元依据患者交流密切程度临近布置，依据患者优先原则，将与患者相关的科室布置在主街两侧，以此来缩短患者就诊流线和就诊时间。

在人流量最大的门诊主入口采取人车立体分行方式，改善医院地面嘈杂的交通乱象，将更多的空间让给患者；地下一层东南角设燕赵名医馆，并结合道路交叉口处，设下沉广场为行人主出入口，以内外结合方式弘扬和发展中医文化；地下一层结合中心庭院设置超市、餐饮、书店、咖啡厅等商业设施，形成生活化氛围浓厚的场所。



THE LAYOUT OF THE BUILDING DRAWS ON THE TRADITIONAL CHINESE MODEL, AND IS CENTERED ON THE COURTYARD. THROUGH THE DESIGN METHODS OF VARIATION, TURNING AND CHAMFERING OF THE BODY, IT FORMS AN ARCHITECTURAL FORM THAT SATISFIES BOTH FUNCTIONAL REQUIREMENTS AND CHINESE TRADITIONAL CULTURAL CONNOTATIONS. IN VIEW OF THE CHARACTERISTICS OF THIS PROJECT, WE INSIST ON STARTING FROM THE USER'S PERSONAL EXPERIENCE, BASED ON THE BASIC MEDICAL CARE, HIGHLIGHTING THE CHARACTERISTICS OF BONE INJURY AND REHABILITATION, REASONABLE FUNCTION, PEOPLE-ORIENTED, BEAUTIFUL ENVIRONMENT, SAFETY, INTELLIGENCE, FLEXIBILITY, GREEN, ADVANCED, CULTURAL CONNOTATION MODERN HOSPITAL.

THE MAIN STREET OF MEDICAL TREATMENT ADOPTS THE DOUBLE-COLUMN NETWORK MODE, ONE OF WHICH IS HORIZONTAL TRAFFIC, AND THE OTHER IS DIVIDED INTO VERTICAL TRAFFIC SYSTEM, SELF-SERVICE FACILITIES, PUBLIC HEALTH AND REST TO FORM AN INTEGRATED SERVICE GALLERY; OUTPATIENT AND MEDICAL THE TECHNICAL UNIT IS ARRANGED ACCORDING TO THE CLOSENESS OF PATIENT COMMUNICATION, AND ACCORDING TO THE PRINCIPLE OF PATIENT PRIORITY, THE DEPARTMENTS RELATED TO THE PATIENT ARE ARRANGED ON BOTH SIDES OF THE MAIN STREET, THEREBY SHORTENING THE FLOW OF THE PATIENT'S TREATMENT AND THE TIME OF VISITING.



项目地址：沧州，河北
建筑面积：19.85 万平方米（一期 12.6 万
平方米）
床位数：1200 床
项目阶段：设计中

ORTHOPAEDIC REHABILITATION GENERAL HOSPITAL

河北省沧州中西医结合医院骨伤康复院区

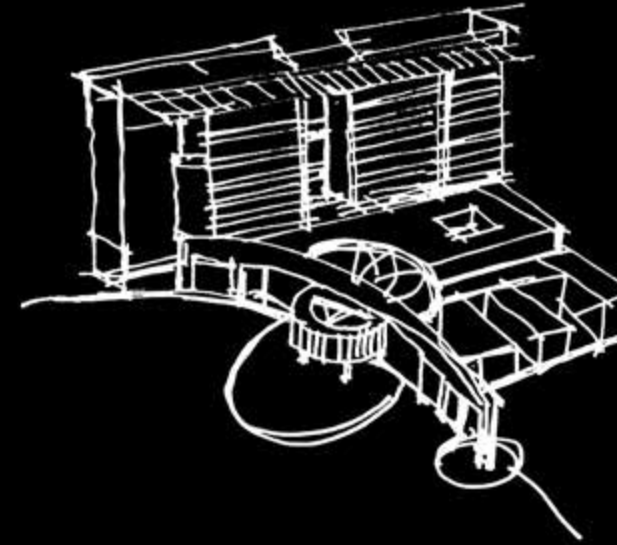
15



青海省人民医院城北院区位于西宁市城北区，与省人民医院现有院区直线距离约 13.5 公里。院区北、东、南三面为城市道路。院区北邻青海师范大学，南邻青海大学，西邻青海卫生职业技术学院，东侧未来规划为社会主义学院及科技园。院区用地：形状规整，地势平坦，为壹南北方向的矩形。用地面积约 200 亩。西侧为青海卫生职业技术学院规划用地，学院建成后与医院联系紧密，需进行整体性的考虑。医院尊重城市环境，建筑的风格周围学校建筑风格相协调。城北院区建成后，将成为高原现代化临床教学示范医院，并全面提升青海省医疗卫生教育质量，为区域群众提供安全、有效、方便、保障的医疗服务体系，提高全省人民医疗服务健康保障水平。

门诊大厅是医院与到访人群接触的原点。本方案以圆形的门诊大厅体量为基础，有序发散出门诊、急诊、医技、住院、院前广场等功能空间，隐喻了青海三江源作为华夏文明之源无可替代的重要地位。同时，大厅顶棚及院前广场的雪莲印记，暗示了建筑的地域属性。

QINGHAI PROVINCIAL PEOPLE'S HOSPITAL C NORTH CAMPUS IS LOCATED IN NORTH DISTRICT OF XINING CITY, AND IS ABOUT 13.5 KILOMETERS AWAY FROM THE EXISTING COURTYARD OF THE PROVINCIAL PEOPLE'S HOSPITAL. THE NORTH, EAST AND SOUTH SIDES OF THE COURTYARD ARE URBAN ROADS. THE CAMPUS IS ADJACENT TO QINGHAI NORMAL UNIVERSITY IN THE NORTH, QINGHAI UNIVERSITY IN THE SOUTH, QINGHAI HEALTH VOCATIONAL AND TECHNICAL COLLEGE IN THE WEST, AND THE SOCIALIST COLLEGE AND SCIENCE PARK IN THE EAST. THE LAND IN THE COURTYARD AREA: THE SHAPE IS REGULAR, THE TERRAIN IS FLAT, AND IT IS A RECTANGLE IN THE NORTH-SOUTH DIRECTION. THE LAND AREA IS ABOUT 200 ACRES. THE WEST SIDE IS THE PLANNED LAND FOR QINGHAI HEALTH VOCATIONAL AND TECHNICAL COLLEGE. AFTER THE COMPLETION OF THE COLLEGE, IT IS CLOSELY CONNECTED WITH THE HOSPITAL AND NEEDS TO BE CONSIDERED AS A WHOLE. THE HOSPITAL RESPECTS THE URBAN ENVIRONMENT AND THE STYLE OF THE BUILDING IS COORDINATED AROUND THE SCHOOL'S ARCHITECTURAL STYLE. AFTER THE COMPLETION OF NORTH CAMPUS, IT WILL BECOME A MODEL CLINICAL HOSPITAL FOR PLATEAU MODERNIZATION, AND COMPREHENSIVELY IMPROVE THE QUALITY OF MEDICAL AND HEALTH EDUCATION IN QINGHAI PROVINCE, PROVIDE A SAFE, EFFECTIVE, CONVENIENT AND SECURE MEDICAL SERVICE SYSTEM FOR THE LOCAL PEOPLE, AND IMPROVE THE HEALTH PROTECTION LEVEL OF THE PEOPLE'S MEDICAL SERVICES IN THE PROVINCE. .



项目地址：西宁，青海
建筑面积：总建筑面积 220, 350 平方米
项目阶段：投标方案
床位数：1000 床

QINGHAI PEOPLE'S
HOSPITAL NORTH CAMPUS
青海省人民医院城北院区

16



工程地点在扬州市经济技术开发区，规划占地面积 120,303 平方米，总建筑面积 399,000 平方米，建筑功能为医疗、康养、商业等。投资估算约 20 亿。工程设计阶段：方案设计、初步设计、施工图设计及施工配合。

本项目是一个集医、康、养、商为一体的大型民营综合项目，医院床位 1600 张，养老床位 1000 张，总建筑面积约 35 万平方米，为政府的重点项目。我方作为专业医疗设计团队，能够从项目策划至落地实施提供全方位的服务。本项目从项目策划阶段，提供多个方案供业主及政府部门选择，在实施阶段与医疗团队全面接触。力求将本项目打造成为国内医疗的医康养综合体项目。

THE PROJECT SITE IS LOCATED IN YANGZHOU ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, WITH A PLANNED AREA OF 120,303 SQUARE METERS AND A TOTAL CONSTRUCTION AREA OF 399,000 SQUARE METERS. THE BUILDING FUNCTIONS ARE MEDICAL, HEALTH AND COMMERCIAL. THE INVESTMENT IS ESTIMATED TO BE ABOUT 2 BILLION. ENGINEERING DESIGN STAGE: PROGRAM DESIGN, PRELIMINARY DESIGN, CONSTRUCTION DRAWING DESIGN AND CONSTRUCTION COORDINATION.

THE PROJECT IS A LARGE-SCALE PRIVATE COMPREHENSIVE PROJECT INTEGRATING MEDICAL TREATMENT, HEALTH CARE, MAINTENANCE AND BUSINESS. THE HOSPITAL HAS 1600 BEDS, 1,000 SENIOR BEDS AND A TOTAL CONSTRUCTION AREA OF ABOUT 350,000 SQUARE METERS. IT IS A KEY PROJECT OF THE GOVERNMENT. AS A PROFESSIONAL HEALTHCARE DESIGN TEAM, WE ARE ABLE TO PROVIDE A FULL RANGE OF SERVICES FROM PROJECT PLANNING TO IMPLEMENTATION. FROM THE PROJECT PLANNING STAGE, THE PROJECT PROVIDES A NUMBER OF OPTIONS FOR THE OWNERS AND GOVERNMENT DEPARTMENTS TO REVIEW, AND IN FULL CONTACT WITH THE MEDICAL TEAM DURING THE IMPLEMENTATION PHASE. STRIVE TO BUILD THIS PROJECT INTO A MEDICAL AND HEALTH CARE COMPLEX PROJECT FOR DOMESTIC MEDICAL CARE.





THE MASTER PLAN DIVIDES THE LAND FOR THE PROJECT INTO TWO SECTIONS, THE NON-EXPERIMENTAL AREA IN THE SOUTH AND THE EXPERIMENTAL AREA IN THE NORTH, WITH AN AREA RATIO OF APPROXIMATELY 1:2. AT THE SAME TIME, THE NON-EXPERIMENTAL AREA IN THE SOUTH IS AN OPEN AREA, AND THE EXPERIMENTAL AREA IS AN INTERNAL AREA. THE NON-EXPERIMENTAL AREA IS A RELATIVELY CONCENTRATED GROUP-TYPE BUILDING, AND ITS FUNCTIONS INCLUDE COMPREHENSIVE BUSINESS, ADMINISTRATIVE OFFICE, SCIENTIFIC RESEARCH AND TEACHING, HEALTH EMERGENCY CENTER, HEALTH EDUCATION AND SUPPORTING HOUSING. THE EXPERIMENTAL AREA CONSISTS OF 6 BUILDINGS, INCLUDING 4 MODULAR LABORATORY BUILDINGS, 1 ANIMAL ROOM AND 1 POWER CENTER. AMONG THEM, 4 MODULAR EXPERIMENTAL BUILDINGS ARE ARRANGED IN THE MIDDLE OF THE LAND, AND THE ANIMAL ROOM AND POWER CENTER ARE ARRANGED IN THE NORTHWEST CORNER OF THE LAND. THE TWO DISTRICTS ESTABLISH CONTACTS THROUGH THE +15 LINK..

THE OVERALL ARCHITECTURAL STYLE HAS THE DISTINCTIVE CHARACTERISTICS OF AN ACADEMIC BUILDING, WHICH IS IN LINE WITH THE RESEARCH-BASED ARCHITECTURAL FEATURES OF THE CDC.

方案突出建筑群的整体性，明确的功能分区，将实验区与非实验区进行区分；围合式的空间，实验区四栋实验楼围合成一个内向型的花园空间，面向花园的是实验业务用房（办公等）；非实验区将行政办公、应急中心、教学科研、健康教育馆等零散功能进行整合，突出建筑体量，各功能区又相对独立；内外分流的交通组织方式，外来人流（健康教育馆、体检等）由南入口进入，内部职工及相关业务人员由东侧进入，东北侧设置后勤及污物出入口；实验楼采用围合式，业务用房与实验室联系密切又各自独立。

整体建筑风格具有明显的学院派建筑的特色，非常符合疾控中心的研究型建筑特征。

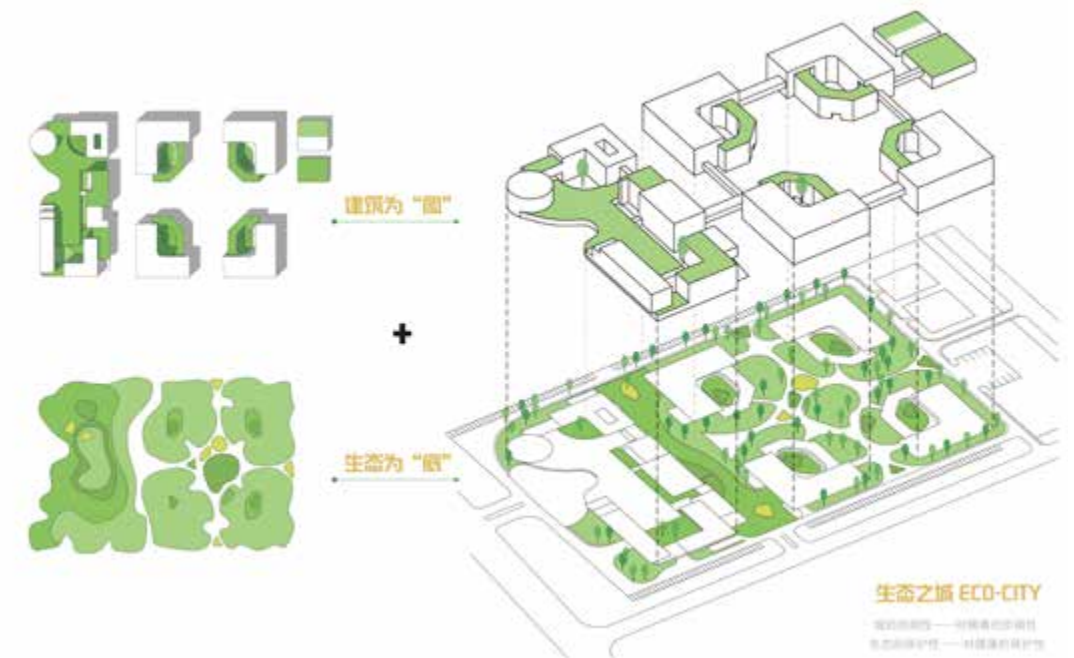


项目地址：通州，北京
建筑面积：总建筑面积 122,000 平方米
项目阶段：投标方案

BEIJING MUNICIPAL CENTER FOR DISEASE CONTROL AND PREVENTION

北京市疾病预防控制中心

18



THE PLAN FIRST EXTRACTS TWO OF THE MOST IMPORTANT TEXTUAL CONCEPTS FROM THE WORDS OF THE BEIJING MUNICIPAL CENTER FOR DISEASE CONTROL AND PREVENTION - "PREVENTION AND CONTROL", AND STARTS FROM THE SPATIAL IMAGERY OF THE TWO MOST IMPORTANT CULTURAL HERITAGES OF THE FORBIDDEN CITY AND THE GREAT WALL IN BEIJING. THE FORMATION OF SO-CALLED "ENCLOSURE" AND "SEMI-ENCLOSED" SPATIAL ELEMENTS. THEN, ACCORDING TO THE FUNCTION, IT IS DIVIDED INTO TWO MAIN FUNCTIONAL CATEGORIES, THE EXPERIMENTAL AREA AND THE NON-EXPERIMENTAL AREA, AND COMBINED BY THE FORM OF THE COURTYARD, THEREBY FORMING A PRELIMINARY COMPOSITION PROFILE OF THE SITE.

场地规划从“北京市疾病预防控制中心”的文字中提取出两个最重要的文字概念——“预防和控制”，并从北京故宫和长城两个最重要的文化遗产的空间意象出发，形成所谓“围合”和“半围合”的空间组成元素。然后根据功能划分为实验区和非实验区两个主要的功能类别，通过院落的形式进行组合，从而形成场地初步的构图轮廓。

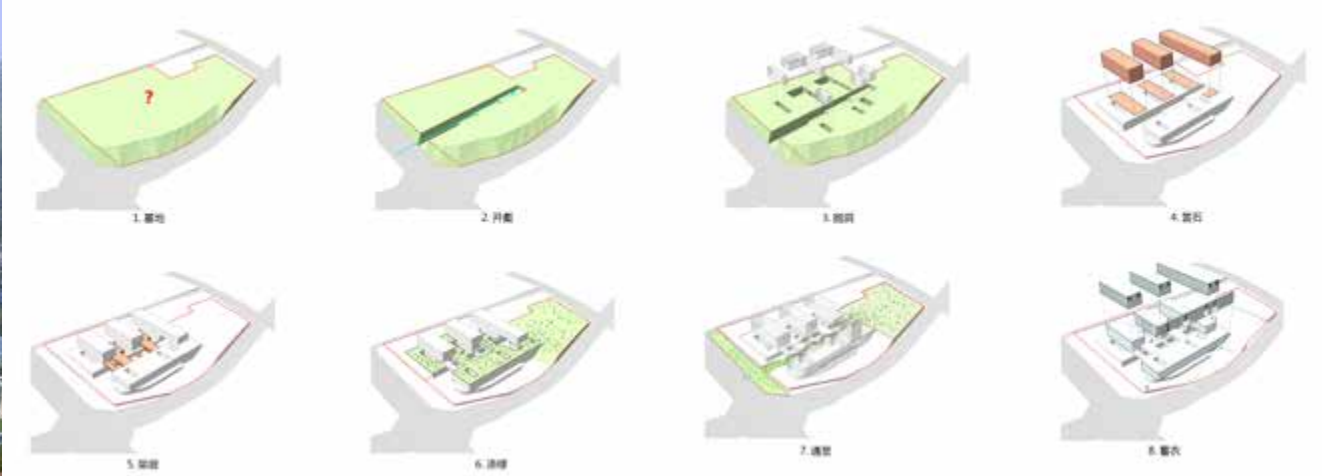


本项目规划占地 5.41 公顷，总建筑面积 105000 平方米地上建筑面积 76000 地下建筑面积 29000 平方米。总床位 800 床，普通床位 420 床，康复床位 200 床，护理床位 180 床。
项目立足打造一所医疗、康复、护理为一体的综合医院体系，中西医结合医院，人性关怀医院，绿色医院，融入环境的现代化的国际一流医院。

本项目考虑用中西医结合设计，医、康、护综合设计，从基本医疗、康复、护理三项不同功能入手，三者有所不同又紧密联系，根据场地地形将中式园林手法融入建筑之中形成功能优先下的多层次绿化与景观体系。充分考虑人性关怀根据场地情况设计成了人车分流，医患分流的立体化交通网络增加患者就医效率。



THIS PROJECT CONSIDERS THE COMBINATION OF CHINESE AND WESTERN MEDICINE DESIGN, COMPREHENSIVE DESIGN OF MEDICINE, HEALTH AND NURSING, STARTING FROM THREE DIFFERENT FUNCTIONS OF BASIC MEDICAL TREATMENT, REHABILITATION AND NURSING. THE THREE ARE DIFFERENT AND CLOSELY RELATED, AND THE CHINESE GARDEN TECHNIQUE IS INTEGRATED INTO THE BUILDING ACCORDING TO THE TERRAIN OF THE SITE. FORM A MULTI-LEVEL GREENING AND LANDSCAPE SYSTEM WITH FUNCTIONAL PRIORITY. FULL CONSIDERATION OF HUMAN CARE HAS BEEN DESIGNED ACCORDING TO THE SITUATION OF THE SITE TO BE DIVIDED INTO PEOPLE AND VEHICLES, AND THE THREE-DIMENSIONAL TRAFFIC NETWORK OF DOCTORS AND PATIENTS DIVERTED TO INCREASE THE EFFICIENCY OF PATIENTS.

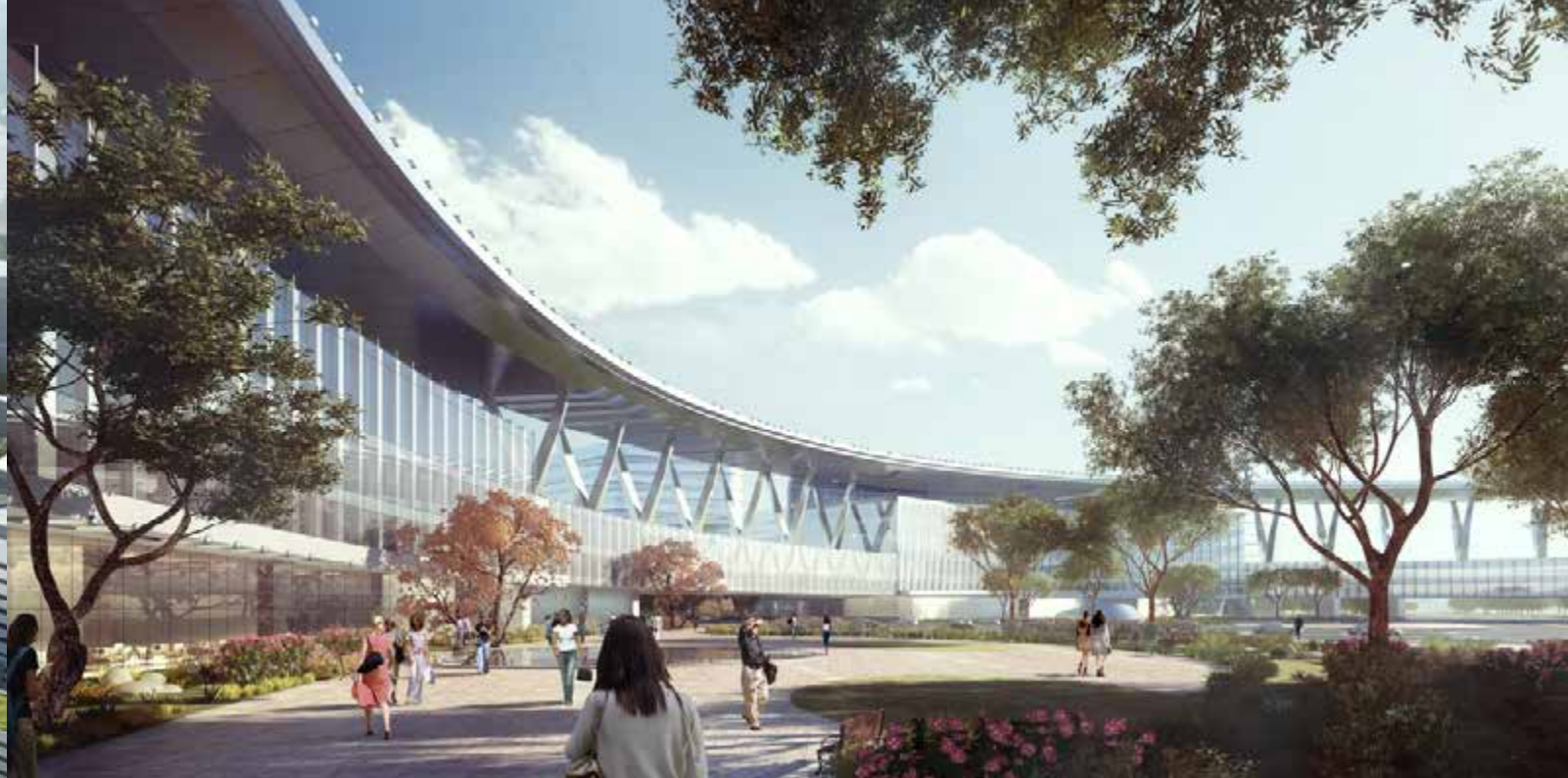


项目地址：石景山，北京
建筑面积：总建筑面积 105,000 平方米
项目阶段：投标方案

SHIJINGSHAN HOSPITAL OF INTEGRATED EAST & WEST

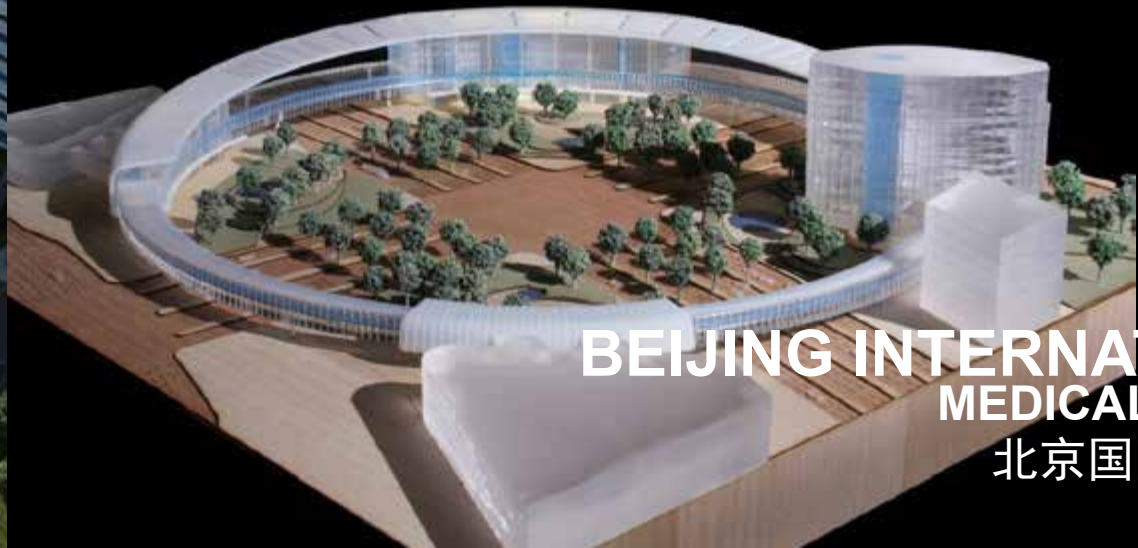
石景山中西医结合医院

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THE PROJECT SITE IS LOCATED IN BEIJING INTERNATIONAL MEDICAL SERVICE AREA, YUCHENG TOWN, TONGZHOU DISTRICT, BEIJING, CHINA; BEIJING INTERNATIONAL MEDICAL CENTER WILL OPERATE AND MANAGE ACCORDING TO THE MODERN HOSPITAL MANAGEMENT MODEL. IT WILL BUILD A FOR-PROFIT HOSPITAL WITH A 900-BED HOSPITAL GROUP. THIS HOSPITAL WILL FOLLOW CHINA'S CURRENT THE HIGHEST HOSPITAL CONSTRUCTION STANDARDS TO BUILT AND OPERATED AND MANAGED IN ACCORDANCE WITH INTERNATIONAL STANDARDS.

项目地点位于中国北京市通州区潞城镇北京国际医疗服务区；北京国际医学中心将按照现代医院管理模式运营管理，建设的一所营利性医院，拥有 900 床位的医院组团，这个医院将按照中国目前最高的医院建设标准建设，并按照国际标准进行运营和管理，带动园区内其他项目的发展和建设。该项目享有各种税收优惠政策，以确保项目的快速健康发展；面积，医护人员比例，平均留床时间参照国际标准，并结合中国的国情进行设置。



项目地址：通州，北京
建筑面积：总建筑面积约 235, 000 平方米
床位数：300 床
项目阶段：设计中

BEIJING INTERNATIONAL
MEDICAL CENTER 20
北京国际医学中心

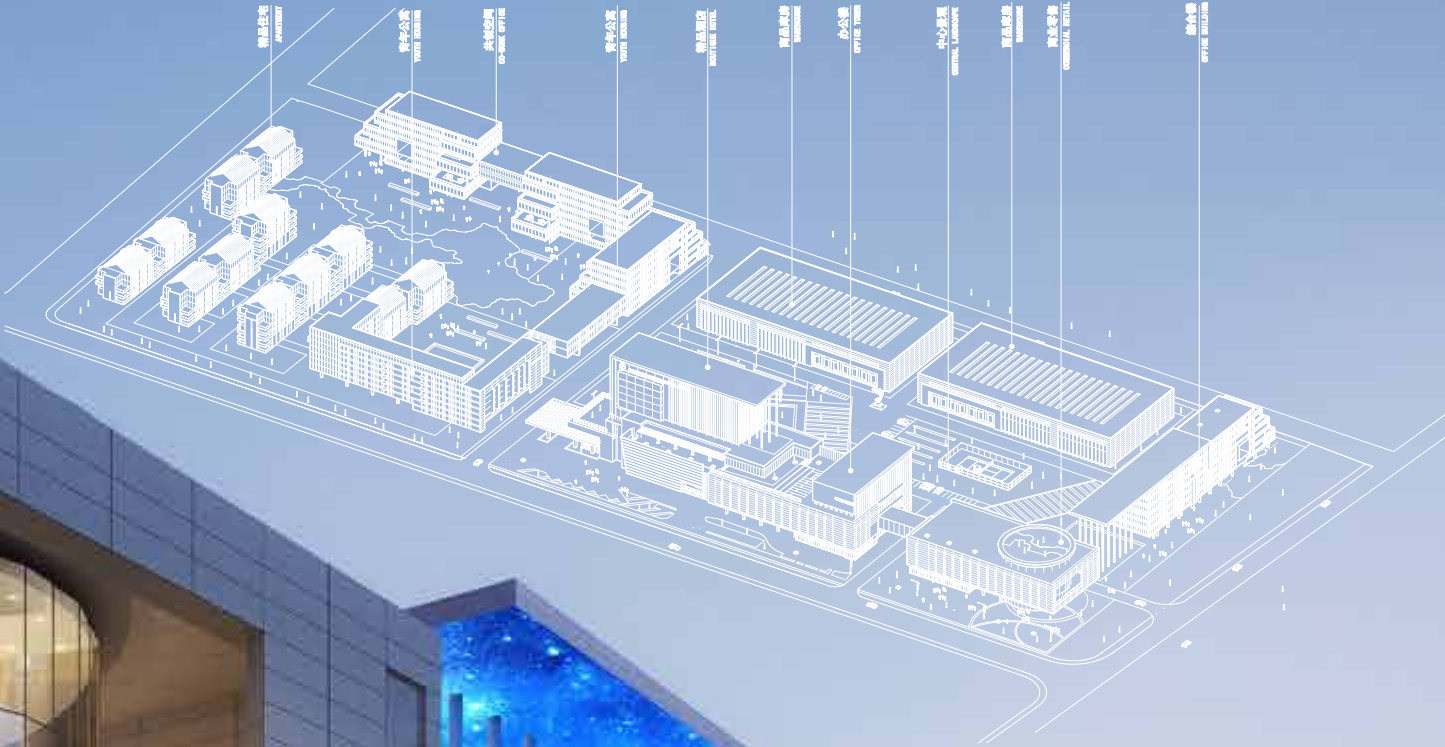
项目地点位于山东省济南市章丘区圣井街道（经十路南侧），规划占地面积约 123000 平方米（约 184.5 亩），总建筑面积约 15.5 万平方米。本项目拟建成为山东省内物联网领域核心科技企业集群，成为一个山东省乃至全国颇具影响力的物联网技术应用产业园区。

项目瞄准高科技“二次创业”转型，针对山东省政府的新旧动能转换，集中发展高科技现代化的社会化服务产业特色规划，在该园区创新房展以物联网技术为主导的高科技产业。

规划要求：产业园区容积率不小于 1.0；建筑密度：不少于 35%；绿地率不大于 15%；厂前区比例不大于 7%。提供成熟合理的园区的设计理念、建设规模，并提供总体布局，交通组织，建筑形式，整体效果，功能分区，景观设计，单体建筑等多方面解决方案。

THE PROJECT SITE IS LOCATED IN SHENGJING STREET, ZHANGQIU DISTRICT, JINAN CITY, SHANDONG PROVINCE (SOUTH SIDE OF JINGSHI ROAD). THE PLANNED SITE COVERS AN AREA OF ABOUT 123,000 SQUARE METERS (ABOUT 184.5 ACRES) WITH A TOTAL CONSTRUCTION AREA OF ABOUT 155,000 SQUARE METERS. THE PROJECT IS PLANNED TO BE A CORE TECHNOLOGY ENTERPRISE CLUSTER IN THE FIELD OF INTERNET OF THINGS IN SHANDONG PROVINCE, AND BECOME AN INFLUENTIAL IT TECHNOLOGY APPLICATION INDUSTRIAL PARK IN SHANDONG PROVINCE AND EVEN THE WHOLE COUNTRY.

AIMING AT THE TRANSFORMATION OF HIGH-TECH "SECOND-TIME ENTREPRENEURSHIP", THE PROJECT WILL TRANSFORM THE OLD AND NEW KINETIC ENERGY OF THE SHANDONG PROVINCIAL GOVERNMENT, FOCUSING ON THE DEVELOPMENT OF HIGH-TECH MODERNIZED SOCIAL SERVICE INDUSTRY CHARACTERISTIC PLANNING.



项目地址：济南，山东
建筑面积：总建筑面积 15.5 万
项目阶段：规划设计

SHANDONG INTERNET OF THINGS INDUSTRIAL PARK

山东物联网产业园



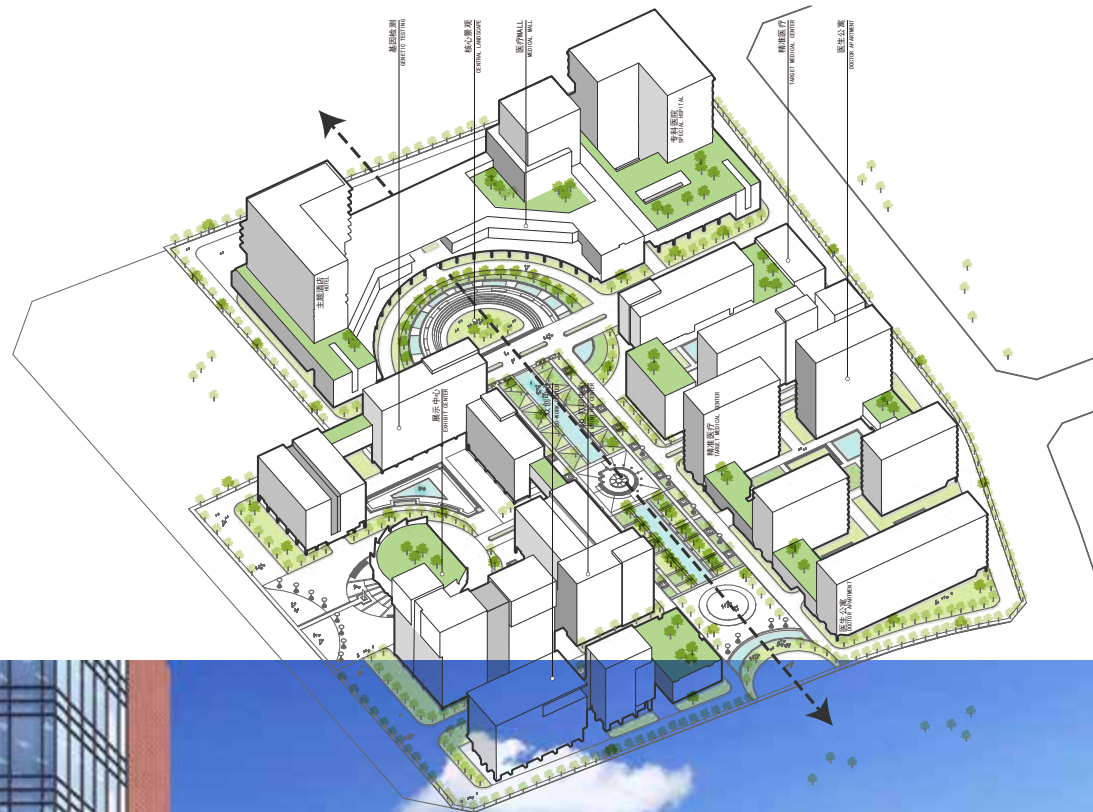
该项目是在推动京津冀重点区域重点产业协同开放的政策大背景下，将部分北京的大健康产业内容向周边发展的案例之一。项目建设地点位于天津市蓟州区。依托北大医疗集团的医疗产业资源，结合我方在医疗建筑设计，产业园区建设方面的丰富经验，我们为当地政府和投资方，对项目落地的可行性进行分析，对园区整体的建设给出我们专业的意见和建议，并为园区未来的规划运营、投资回报等进行了专业分析。

THIS PROJECT IS ONE OF THE CASES IN WHICH SOME OF BEIJING'S LARGE HEALTH INDUSTRY CONTENT IS DEVELOPED IN THE CONTEXT OF THE POLICY OF PROMOTING THE COORDINATED OPENING OF KEY INDUSTRIES IN KEY AREAS OF BEIJING, TIANJIN AND HEBEI.

THE PROJECT CONSTRUCTION SITE IS LOCATED IN YINZHOU DISTRICT, TIANJIN. RELYING ON THE MEDICAL INDUSTRY RESOURCES OF PEKING UNIVERSITY MEDICAL GROUP, COMBINED WITH OUR RICH EXPERIENCE IN HEALTHCARE DESIGN AND INDUSTRIAL PARK CONSTRUCTION, WE ANALYZE THE FEASIBILITY OF THE PROJECT FOR THE LOCAL GOVERNMENT AND INVESTORS, AND GIVE THE CLIENT THE OVERALL IDEA OF CONSTRUCTION OF THE PARK, PROFESSIONAL OPINIONS AND SUGGESTIONS OF THE PARK'S FUTURE PLANNING AND OPERATION, INVESTMENT RETURNS, ETC.

项目地址：天津，中国
建筑面积：12.9 万平方米
项目阶段：规划设计

PEKING UNIVERSITY
MEDICAL INDUSTRIAL PARK 22
北大医疗产业园（蓟州分园）



项目位于青岛市，规划用地面积 108177 平方米，总建筑面积 278071 平方米。作为产城融合的第四代产业园区代表，采用经典的院落式园区布局，形成医疗 MALL 驱动 + 产业园创新支撑的特色产业园区，通过建设医疗 MALL，科研办公，实验室，专科医院等内容和高科技医疗产业资源导入，将园区建设成为中国精准医疗基地，医疗 3D 打印基地，手术机器人基地。

THE PROJECT IS LOCATED IN QINGDAO, WITH A PLANNED LAND AREA OF 108,177 SQUARE METERS AND A TOTAL CONSTRUCTION AREA OF 278,071 SQUARE METERS. AS THE REPRESENTATIVE OF THE FOURTH-GENERATION INDUSTRIAL PARK INTEGRATING PRODUCTION AND CITY, IT ADOPTS THE CLASSIC COURTYARD-TYPE PARK LAYOUT TO FORM A CHARACTERISTIC INDUSTRIAL PARK WITH MEDICAL MALL DRIVE + INDUSTRIAL PARK INNOVATION SUPPORT. THROUGH THE CONSTRUCTION OF MEDICAL MALL, SCIENTIFIC RESEARCH OFFICE, LABORATORY, SPECIALIST HOSPITAL, ETC. THE INTRODUCTION OF HIGH-TECH MEDICAL INDUSTRY RESOURCES WILL BUILD THE PARK INTO A PRECISION MEDICAL BASE IN CHINA, A MEDICAL 3D PRINTING BASE, AND A SURGICAL ROBOT BASE.



项目地址：青岛，山东
建筑面积：占地 162.3 亩
项目阶段：规划设计

QINGTE CHINA
PRECISION MEDICAL CITY
青特中国精准医疗城

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"AIXIN CLINIC" 改造建筑内的医疗工艺流程、建筑、结构、给水排水、消防、暖通空调、电气、弱电、医疗气体、精装修专业的设计，包含特殊设备及功能房间的的深化设计。项目风格：爱心人寿诊所是爱心人寿旗下第一家集综合门诊（突出儿科门诊）、体检、医学美容等一体的综合性诊所。我司凭借自身的业绩、团队的技术水平和工作业绩，从四家竞标单位中脱颖而出。医院、诊所、养老、康复等建筑的设计为我司医疗设计团队的强项，团队业绩突出、技术人员资历深，专业齐全，完成的服务产品皆获得业主的好评。本项目为精装修改造项目，除必备的建筑、结构、给排水、暖通、电气、弱电等专业图纸外，我们突出了装修专业的作用，在室内空间效果图上下了大力气，由团队专业人员进行再三斟酌、多效果对比，从空间构图、色彩搭配、光照强度等多方面考虑，做为令业主非常满意的效果图后，由施工图设计人员按照效果图做出真实反映。在施工过程中，我司设计人员积极参与施工全过程配合服务，尤其强调对装饰材料等方面的选择向业主方给我符合图纸意图的意见和建议，确保了工程的最终呈现效果。

THE RENOVATION OF THE MEDICAL PROCESS, BUILDING, STRUCTURE, WATER SUPPLY AND DRAINAGE, FIRE PROTECTION, HVAC, ELECTRICAL, WEAK ELECTRICITY, MEDICAL GAS, FINE DECORATION PROFESSIONAL DESIGN, INCLUDING THE DEEPENING DESIGN OF SPECIAL EQUIPMENT AND FUNCTIONAL ROOMS.

PROJECT STYLE: AIXIN LIFE CLINIC IS THE FIRST COMPREHENSIVE CLINIC UNDER AIXIN LIFE, WHICH INTEGRATES COMPREHENSIVE OUTPATIENT SERVICE (HIGHLIGHTING PEDIATRIC OUTPATIENT SERVICE), PHYSICAL EXAMINATION, MEDICAL COSMETOLOGY AND SO ON. WITH OUR OWN PERFORMANCE, TEAM TECHNICAL LEVEL AND PERFORMANCE, WE STAND OUT FROM THE FOUR BIDDING UNITS. THE DESIGN OF HOSPITALS, CLINICS, OLD-AGE CARE, REHABILITATION AND OTHER BUILDINGS IS THE STRENGTH OF OUR MEDICAL DESIGN TEAM. THE TEAM HAS OUTSTANDING PERFORMANCE, EXPERIENCED TECHNICIANS AND COMPLETE PROFESSIONALISM. THE COMPLETED SERVICE PRODUCTS HAVE WON THE PRAISE OF THE OWNERS. THIS PROJECT IS A REFINED RENOVATION PROJECT. IN ADDITION TO THE NECESSARY PROFESSIONAL DRAWINGS OF ARCHITECTURE, STRUCTURE, WATER SUPPLY AND DRAINAGE, HVAC, ELECTRICITY AND WEAK ELECTRICITY, WE HIGHLIGHT THE ROLE OF THE RENOVATION PROFESSION AND MAKE GREAT EFFORTS ON THE INDOOR SPACE EFFECT MAP. TEAM PROFESSIONALS MAKE REPEATED DELIBERATIONS AND MULTI-EFFECT COMPARISONS FROM THE PERSPECTIVE OF SPACE COMPOSITION AND COLOR MATCHING. CONSIDERING THE ILLUMINATION INTENSITY AND OTHER ASPECTS, AS THE RESULT DRAWING WHICH MAKES THE OWNER VERY SATISFIED, THE CONSTRUCTION DRAWING DESIGNER WILL MAKE THE TRUE REFLECTION ACCORDING TO THE RESULT DRAWING. DURING THE CONSTRUCTION PROCESS, OUR DESIGNERS ACTIVELY PARTICIPATED IN THE WHOLE PROCESS OF CONSTRUCTION COOPERATION SERVICES, ESPECIALLY EMPHASIZED THE CHOICE OF DECORATIVE MATERIALS TO GIVE THE OWNERS ADVICE AND SUGGESTIONS IN LINE WITH THE INTENTION OF THE DRAWINGS, TO ENSURE THE FINAL EFFECT OF THE PROJECT.



项目地址：石景山，北京
建筑面积：1980 平方米
项目阶段：已竣工

BEIJING AI XIN CLINIC 24

INTERIOR DESIGN

爱心人寿诊所精装修改造工程





弘道运动医学诊所位于北京市东城区体育馆路 2 号国家体育总局训练健身中心二层，建筑面积 770 平米，主要功能为治疗室、VIP、康复训练区、办公、会议等。

设计阶段：方案、施工图设计；包含改造建筑内的结构、给水排水、燃气、消防、暖通空调、建筑电气、总图专业的设计，景观概念方案设计，楼房外面的走廊，进二层的前厅、前台、等候区，一层通向电梯的台阶改造（残疾人坡道），一层主入口的门头、地面的设计，主楼外台阶的设计（便于残疾人通行的设计）等。

HONGDAO SPORTS MEDICINE CLINIC IS LOCATED ON THE SECOND FLOOR OF THE TRAINING AND FITNESS CENTER OF THE STATE SPORTS GENERAL ADMINISTRATION, NO. 2, STADIUM ROAD, DONGCHENG DISTRICT, BEIJING. THE BUILDING AREA IS 770 SQUARE METERS. THE MAIN FUNCTIONS ARE TREATMENT ROOM, VIP, REHABILITATION TRAINING AREA, OFFICE AND CONFERENCE.

PROJECT INCLUDES: PLAN, CONSTRUCTION DRAWING DESIGN; INCLUDING THE STRUCTURE OF THE RENOVATION BUILDING, WATER SUPPLY AND DRAINAGE, GAS, FIRE, HVAC, BUILDING ELECTRICAL, GENERAL PLAN DESIGN, LANDSCAPE CONCEPT DESIGN, CORRIDOR OUTSIDE THE BUILDING, THE FRONT HALL, THE FRONT DESK, THE WAITING AREA, THE FIRST FLOOR TO THE ELEVATOR (THE DISABLED RAMP), MAIN ENTRANCE, THE DESIGN OF THE GROUND FINISH, THE DESIGN OF THE EXTERIOR STEPS OF THE MAIN BUILDING (FOR THE DESIGN OF DISABLED PEOPLE).

项目地址：北京东城区，中国
建筑面积：改造建筑面积约 770 平方米
项目阶段：已竣工

BEIJING HONGDAO SPORTS
MEDICINE CLINIC
北京弘道运动医学诊所

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仁泽（北京）国际企业管理服务有限公司仁泽诊所位于雅宝路A3楼四层，建筑面积1950平米，主要功能为内科、外科、妇科、儿科、皮肤科、牙科、精神科、病案库、药房、检验科、B超、心电、输液等。

室内设计的整体考虑清新淡雅，符合患者就医心情，用原木色和有机玻璃形成协调统一的色调。

RENZE (BEIJING) INTERNATIONAL ENTERPRISE MANAGEMENT SERVICES CO., LTD. RENZE CLINIC IS LOCATED ON THE FOURTH FLOOR OF A3 BUILDING, YABAO ROAD, WITH A BUILDING AREA OF 1950 SQUARE METERS. ITS MAIN FUNCTIONS ARE INTERNAL MEDICINE, SURGERY, GYNECOLOGY, PEDIATRICS, PICO, DENTISTRY, PSYCHIATRY AND MEDICAL RECORDS, PHARMACY, LABORATORY, B-ULTRASOUND, ECG, INFUSION, ETC.

THE OVERALL CONSIDERATION OF THE INTERIOR DESIGN IS FRESH AND ELEGANT, IN LINE WITH THE PATIENT'S MEDICAL MOOD, AND THE USE OF LOG COLOR AND PLEXIGLASS TO FORM A COORDINATED TONE.

项目地址：北京，中国
建筑面积：建筑面积1950平方米
项目阶段：已竣工

RENZE (BEIJING) INTERNATIONAL
RENZE CLINIC
仁泽（北京）国际企业管理服务有限公司仁泽诊所

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中康美复骨科康复诊所位于北京市西城区德胜门东大街8号东联大厦特一层。中康美复为美资预约制高端骨科康复旗舰店，拥有一大批国内外骨科康复领域的医疗专家，致力于骨科术后运动机能康复的专业机构。营业面积约为1500平方米左右，内部功能分为：接待等候区、诊疗区、康复训练区、行政办公区四个部分。

工程总投资约500万元；设计阶段：方案、施工图设计，改造范围内的建筑、装修、给排水、暖通空调、强电、弱电、消防、总图设计，景观概念方案设计等，以及现场服务。

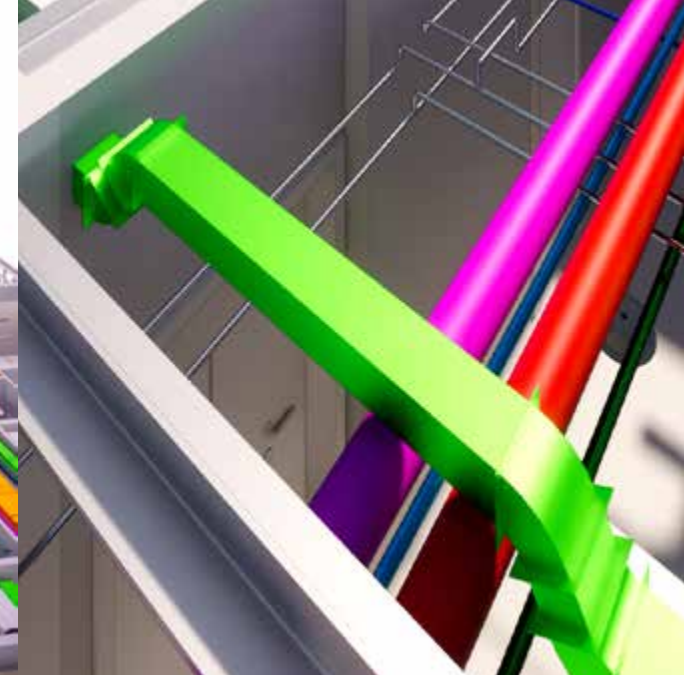
ZHONGKANGMEI COMPLEX ORTHOPAEDIC REHABILITATION CLINIC IS LOCATED ON THE FIRST FLOOR OF DONGLIAN BUILDING, NO. 8 DESHENG MEN EAST STREET, XICHENG DISTRICT, BEIJING. ZHONGKANG MEIFU IS A HIGH-END ORTHOPAEDIC REHABILITATION FLAGSHIP STORE FOR AMERICAN-FUNDED STORES. IT HAS A LARGE NUMBER OF MEDICAL EXPERTS IN THE FIELD OF ORTHOPAEDIC REHABILITATION AT HOME AND ABROAD, AND IS COMMITTED TO PROFESSIONAL INSTITUTIONS FOR THE REHABILITATION OF ORTHOPAEDICS AFTER ORTHOPAEDICS. THE BUSINESS AREA IS ABOUT 1500 SQUARE METERS, AND THE INTERNAL FUNCTIONS ARE DIVIDED INTO FOUR PARTS: RECEPTION WAITING AREA, MEDICAL TREATMENT AREA, REHABILITATION TRAINING AREA AND ADMINISTRATIVE OFFICE AREA.



项目地址：北京西城区，中国
建筑面积：改造建筑面积约1270平方米
项目阶段：已竣工

BEIJING ZHONGKANG
MEIFU REHABILITATION CLINIC
北京中康美复康复诊所

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博远医疗 BIM 团队可以统一 BIM 模型创建标准及信息管理标准，实现 BIM 模型在建筑设计，施工和运维全生命周期的最大化价值应用！

- 1, 设计——模型直接出全专业施工图
- 2, 施工——模型直接生成工程量清单，施工阶段的标准化信息添加及管理
- 3, 运营——各类信息的应用，与其他专项管理软件的接口

通过标准化建模及构件的参数预设（包含清单编码和各类信息参数的预设置），设计师选取预设的标准化建筑材料及建筑构件进行设计建模（参考预算模型的创建规则），实现全专业施工图出图，同时自动生成工程量清单。

标准化的模型后面包含各类信息参数，由施工和运维阶段的项目管理人员按照项目管理需要录入相关信息。

各类项目管理应用通过信息参数的过滤筛选，实现对模型的查询检索和统计等各项应用。

BOYUAN MEDICAL BIM TEAM CAN UNIFY BIM MODEL CREATION STANDARDS AND INFORMATION MANAGEMENT STANDARDS TO REALIZE THE MAXIMUM VALUE APPLICATION OF BIM MODEL IN THE WHOLE LIFE CYCLE OF ARCHITECTURAL DESIGN, CONSTRUCTION AND OPERATION.

1. DESIGN - MODEL DIRECTLY PRODUCES PROFESSIONAL CONSTRUCTION DRAWINGS

2. CONSTRUCTION-MODEL GENERATION OF BILL OF QUANTITIES, ADDITION AND MANAGEMENT OF STANDARDIZED INFORMATION IN CONSTRUCTION STAGE

3. OPERATION - THE APPLICATION OF VARIOUS KINDS OF INFORMATION AND THE INTERFACE WITH OTHER SPECIAL MANAGEMENT SOFTWARE

THROUGH STANDARDIZED MODELING AND PARAMETER PRESUPPOSITION OF COMPONENTS (INCLUDING LIST CODING AND PRESUPPOSITION OF VARIOUS INFORMATION PARAMETERS), DESIGNERS SELECT PRESUPPOSED STANDARDIZED BUILDING MATERIALS AND COMPONENTS FOR DESIGN MODELING (REFERRING TO THE CREATION RULES OF BUDGET MODEL), REALIZE THE DRAWING OF PROFESSIONAL CONSTRUCTION DRAWINGS, AND AUTOMATICALLY GENERATE THE BILL OF QUANTITIES.

THE STANDARDIZED MODEL CONTAINS VARIOUS INFORMATION PARAMETERS, WHICH ARE INPUT BY PROJECT MANAGERS IN THE CONSTRUCTION AND OPERATION STAGES ACCORDING TO THE NEEDS OF PROJECT MANAGEMENT.

VARIOUS PROJECT MANAGEMENT APPLICATIONS FILTER AND FILTER INFORMATION PARAMETERS TO ACHIEVE VARIOUS APPLICATIONS SUCH AS MODEL QUERY, RETRIEVAL AND STATISTICS.

BUILDING INFORMATION MODEL 28

TECHNOLOGY

信息模型技术应运

医院专项考察与研究

1、以人为本的设计

医院的本质是为了病人的康复，体现所谓的 3H 原则，即 (HEALTH, HOPE, HEALING), 所参观的医院大多没有特别绚丽的外观和夸张的城市尺度，甚至不能称为所谓的“地标”性建筑，但是却充分满足患者和医护人员对环境的需求。例如脊柱治疗中心长长的坡道，温哥华儿童医院的动物图案，充斥在各个医院空间里的小中庭和交流空间，无不体现出以人为本的设计原则。

2、充分利用色彩表达使用者的情感

色彩在医院设计中起到了非常重要的作用，尤其是所参观的两个儿童医院，都对色彩有更加充分的展示。色彩包括立面的彩色玻璃；利用色彩形成明确的分区和标识引导；通过室内外的植被景观变化形成空间导向等等。色彩是以符合使用者的心理角度为考量而非一味强调其建筑艺术性。以卡尔加里儿童医院为例，据调查显示，其外立面设计受到许多建筑师的诟病，但是却深受当地儿童的喜欢。可见，设计对使用者诉求的表达在医疗设计中非常重要。

3、空间表达的艺术性

除去明确的空间分区，其表达的艺术性也非常重要。大堂通常会被重点强调，但是因为未有中国巨大的门诊量，所以入口空间大多尺度宜人。空间多通过色彩和共享空间的引导。近期设计的医院，如卡尔加里南城医院，更加讲究充分的利用自然光和室内外庭院的视觉联系，以增强空间的延展性。温哥华总医院的动力设备放在地面的部分，巧妙的和景观结合，形成花园景观，让整体表达充满艺术和人情味。中庭空间的设计空间比较丰富，有变化，尺度比较宜人。主街和公共通道的尺度也比较适宜，面积使用上效率较高。没有追求高，大，宽，值得我们学习借鉴。

4、灵动的空间

空间的灵动不单单包含在大堂丰富的空间关系和光影关系，更加体现在小的分诊等候空间的设计。儿童医院大多在这些区域设计了儿童游戏空间，综合医院则大多让这些区域有自然光的照射，消除患者等候时的焦躁心理。

另外，建筑在场地布局上，基本没有出现国内通常采用的对称“蝴蝶”式布局，建筑依地形，周边环境 and 城市文脉自然形成，和谐的成为都市文化的一部分。平面设计上美国的医院设计比较接近，功能相对集中。新的医院中设置了相当多的地下停车位，病房也是单人间为主。

5、充沛的服务和文化品牌植入

医院空间在讲究医护的同时，更加强调其“社区”感 (sense of community), 比如在许多公共区域设计有咖啡、餐饮、和小型卖场。让人感觉不像是在医院就诊的感觉。这种设计一在满足患者餐饮需求，二是通过功能转换，达到情绪转化的目的。比如在卡尔加里儿童医院的一层共享区域，就有一架闲置的钢琴，供大家弹奏。这种仿若酒店大堂的空间移挪，让人脱离了医院沉闷的空间印象。

另外，一个城市和一个社区的成长往往伴随着一个医院的建设和发展，所以医院在一定程度上可以折射出这个城市文明的演变和进步。我们在参观的过程中，看到许多宣传这所医院的发展和城市当时的历史事件（譬如二战中医院所起到的作用等等）；看到有当地人捐赠医院的荣誉名单墙，看到这个城市的风光和周边的山山水水的照片。甚至在礼品店，还可以发现有医院标识的帽子和冰箱贴，服务和文化充分的被植入到每一个医院的设计中来。

6、材料的运用

如上所述，所参观的医院多不强调过于华丽的外表，但是却在重点的空间做了强调。加拿大的卑诗省盛产木材，（douglas fir 道格拉斯冷杉）所以在大堂的入口或者外部的雨棚特别使用了这种材料，体现出建筑的地方特色和原始自然感。外墙的材料通过历史的演变，从原来预制混凝土挂板到现在常用的木材和金属铝板，灵活多变。

7、预留发展

医院受到场地和投资的限制，新建的医院大多为后期发展留下了场地空间。但是所有位于城市中心的综合医院，大多面临着扩建场地不充足的条件限制。同时，具有历史传统的医院的古建筑，也被珍视为历史文化遗产需要保护，如温哥华总医院的老楼，在扩建中需要完整保留其外立面。这是所有医院在城市文明进化中都会遇到的矛盾和需要解决的问题。

8、投资控制更严

加拿大医院项目主要来自于政府投资，现在更多的是采用所谓的 P3 合作模式，即 PUBLIC & PRIVATE PARTNERSHIP。由于资金有限，往往在外墙立面上不做浓墨重彩，但是室内的精装和艺术空间却精雕细琢。另外由于加拿大的人力成本远高于中国的人力成本，所以在项目的管控上，更加的周密严格。

9、设计要求更高

北美的建筑师事务所对医疗团队在很早就做了精分，HEALTHCARE 从传统的建筑设计领域被单独的划分出来，

以体现其专业性。设计的一般流程包括前期的 feasibility study, user group meeting, （可研和医院使用方的多次会议）然后才进入到所谓的设计阶段（概念设计，方案扩初，施工图设计，施工图深化），这个周期通常长达数年，不断的修改完善和调整。

因为在整个设计和施工过程中，参与方和决策方众多，所以建筑师和项目经理往往承担着很大的责任和压力。建筑施工图要求必须精准，成为法律文件。平时的决策性文件必须被有效保存以作为日后纷争的书面文件。同时，OWNER 业主，ARCHITECT 建筑师和 CONTRACTOR 承包商，三者之间的责权利都被完整的法律文本约束，解决不可避免的法律问题。（参考美国建筑师协会的标准合同文件）

由于医疗建筑工艺流程复杂，设备管道众多。自 2008 年前后，加拿大事务所在医疗建筑设计中已逐步过度到全 BIM 化，一般的招标文件都需要设计方提供完善的建筑 REVIT 模型，以减少施工和图纸不对应的问题。在此硬件要求上，中国的设计团队大幅落后于西方的建筑设计从业者。

项目考察目录

BC 儿童医院

BC Children Hospital

温哥华总医院

Vancouver General Hospital

布鲁松脊髓中心

Blusson spinal cord centre

素里纪念医院

Surrey Memorial Hospital

JP 门诊护理及外科中心

JP Outpatient and Surgical Centre

阿尔伯塔儿童医院

Alberta Children’ s Hospital

卡尔加里南城医院

Calgary south campus hospital

CANADA HOSPITAL RESEARCH
REPORT SUMMARY
加拿大医院考察摘要

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主创建筑师及骨干团队服务业主清单

北京大学校医院
北京密云县医院
北京大学第一医院
北京大学第三医院
北京陆道培（顺义）医院
西藏军区总医院
安庆市第一人民医院
大同市第五人民医院
深圳市孙逸仙心血管医院
苏州科技城医院
吉林大学中日联谊医院
苏州大学附属第二医院
青岛市黄岛区人民医院
西南中西医结合医院工程
安徽省六安市人民医院
四川大学华西医院
中山大学第二附属医院
乐山市人民医院
苏北人民医院
山西省儿童医院
榆林市第三医院
河南省红十字博爱医院
沧州中西医结合医院
泸州市中医医院
青岛市市立医院
洛阳市中心医院
河南省人民医院
天津市宝坻区人民医院
天津医院
天津中医药大学第二附属医院
北京朝阳急诊抢救中心
通州中西医结合医院

北京妇产医院
北京清河医院
北京世纪坛医院
解放军三零六医院
北大医疗康复医院
北京国际医疗服务区
北京亦庄爱育华妇儿医院
北京市怀柔安佳医院
北京安贞医院
中国武警总医院
中国人民解放军总医院
北京协和医院
中国人民解放军火箭军总医院
中国人民解放军 153 中心医院
中日友好医院
北京市顺义区中医院
北京市地坛医院迁建工程
北京小汤山医院
解放军总医院海南分院
大同市第六人民医院
河北省邢台市人民医院
长沙市中西医结合医院
常州市中医医院
天津医科大学总医院滨海医院
援赞比亚利维·姆瓦纳瓦萨医院项目
斯里兰卡 704 床陆军医院
南京军区总医院门诊楼
湖南泰禹医院
北京朝阳区双桥医院
加纳 LA 综合医院
扬州玖龙湖医院

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项目类型

综合医院、国际医学中心、中西医结合医院、中医医院、康复医院、儿童医院、妇产医院、肿瘤医院、妇幼保健院、心脑血管病医院、急救中心、肿瘤医院、血液病医院，精神病医院、生物医药产业园、生殖中心，运动医学诊所、骨科诊所、全科诊所等，涵盖各类项目的前期咨询、全程顾问、总体规划，方案设计，初步设计、施工图设计、室内设计、医疗专项深化设计、智能化设计等。

项目所在地区

国内：北京、天津、河北、山东、河南、陕西、山西、吉林、江苏、广东、贵州，云南，四川，青海，海南，内蒙古，西藏

国外：加拿大、斯里兰卡、肯尼亚、贝宁、加纳、津巴布韦、乌克兰

PROJECT LIST BY KEY ARCHITECTS

Beijing University Hospital
Beijing Miyun County Hospital
Beijing University First Hospital
Peking University Third Hospital
Beijing Lu Daopei (Shunyi) Hospital
Tibet Military Region General Hospital
Anqing First People's Hospital
Datong Fifth People Hospital
Shenzhen Sun Yixian Cardiovascular Hospital
Suzhou Science and Technology City Hospital
Jilin University Sino-Japanese Friendship Hospital
The Second Affiliated Hospital of Suzhou University
Huangdao District People's Hospital, Qingdao
Southwest Integrated Chinese and Western Medicine Hospital Project
Lu'an People's Hospital, Anhui Province
West China Hospital of Sichuan University
Zhongshan University Second Affiliated Hospital
Leshan People's Hospital
Subei People's Hospital
Shanxi Children's Hospital
Yulin Third Hospital
Henan Red Cross Pok Oi Hospital
Zhangzhou Hospital of Integrated Traditional Chinese and Western Medicine
Cangzhou Chinese Medicine Hospital
Qingdao Municipal Hospital
Luoyang Central Hospital
Henan Provincial People's Hospital
Tianjin Baodi District People's Hospital
Tianjin Hospital
The Second Affiliated Hospital of Tianjin University of Traditional Chinese Medicine
Beijing Chaoyang Emergency Rescue Center

Tongzhou Hospital of Integrated Traditional Chinese and Western Medicine
Beijing Maternity Hospital
Beijing Qinghe Hospital
Beijing Shijitan Hospital
People's Liberation Army 360 Hospital
Peking University Medical Rehabilitation Hospital
Beijing International Medical Service Area
Beijing Yizhuang Ai Yuhua Women and Children Hospital
Beijing Huairou Anjia Hospital
Beijing Anzhen Hospital
China Armed Police General Hospital
Chinese People's Liberation Army General Hospital
Beijing Union Medical College Hospital
Chinese People's Liberation Army Rocket General Hospital
People's Liberation Army 153 Central Hospital
Sino-Japanese Friendship Hospital
Beijing Shunyi District Chinese Medicine Hospital
Beijing Ditan Hospital Relocation Project
Beijing Xiaotangshan Hospital
People's Liberation Army General Hospital Hainan Branch
Datong Sixth People's Hospital
Xingtai City People's Hospital, Hebei Province
Changsha Zhongxi Hospital
Changzhou Chinese Medicine Hospital
Tianjin Medical University General Hospital Binhai Hospital
Assistance to Zambia Livi Mwanawasa Hospital Project
Sri Lanka 704 Bed Army Hospital
Nanjing Military Region General Hospital Outpatient Building
Hunan Taihao Hospital
Shuangqiao Hospital, Chaoyang District, Beijing
Ghana LA General Hospital
Yangzhou JiuLonghu Hospital

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医者仁心 筑者依仁

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