MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
Kyiv National University of Construction and Architecture
FACULTY OF ARCHITECTURE
Department of DESIGN

CERTIFICATE GRADUATION WORK
TO OBTAIN A MASTER'S DEGREE on the topic:

PRINCIPLES OF FORMING THE SUBJECT-SPATIAL ENVIRONMENT OF OFFICE PREMISES

Project part

Field of knowledge: 02 - Culture and art
Specialty: 022 – Design
Specialization:
"Environmental and Industrial Design"

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Kyiv 2024

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Principles of office environment composition



Presenter: Хуань

Time: 2024.11

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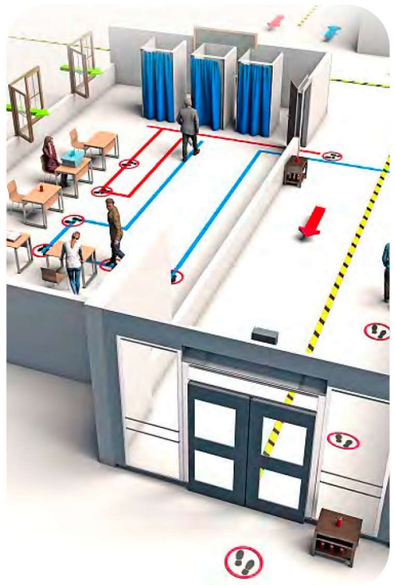
Principles of spatial planning



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Functional partitioning







The office area is separated from the leisure area

To improve productivity and employee well-being, modern workplace design emphasizes a clear separation between office and relaxation areas. This design concept helps employees switch between focusing and relaxing, so they can stay productive. For example, office areas can be enclosed or semi-enclosed partitions to reduce distractions; The leisure area can be equipped with comfortable sofas, pantries and other facilities to provide a space for employees to relax and socialize.

Design of people flow and logistics flow

The design of the flow of people and goods is critical to the efficiency and safety of the office space. Reasonable circulation design can ensure the smooth movement of employees in the office process and reduce unnecessary congestion and collisions. For example, the main passage should be spacious and bright, avoiding too many obstacles; At the same time, the convenience of logistics, such as file transfer, data storage, etc., should be considered to reduce the time consumption of employees in the handling of goods.

Space utilization and expansibility

The efficient use and scalability of office space is an important consideration for space planning. Clever use of space means that every inch of space gets the most out of it, for example through flexible partition designs that allow the space to be quickly adapted to demand. Scalability, on the other hand, takes into account the needs of the future development of the enterprise, and reserves a certain amount of space or designs an expandable structure to expand the space when necessary.

Environmental safety and comfort

Ensuring a safe and comfortable office environment is a fundamental requirement for space planning. This includes safety measures such as ensuring that firefighting facilities are in place, emergency exits are clearly marked, and ground anti-skid treatments are taken; At the same time, through reasonable lighting design, temperature control, air quality management, etc., to provide a comfortable working environment for employees, so as to improve work efficiency and employee satisfaction.

Flexible and adaptable

Respond to changes in work patterns

As work patterns change, workplaces need to be flexible and adaptable. This means that the space design should be able to adapt quickly to different work patterns, such as moving from individual work to team collaboration. For example, movable partitions and modular furniture can easily change the layout of the space to suit different work needs.

Flexibility in the adjustment of space layout

Flexibility in office space layouts is essential to cope with business growth and change. The flexible layout design allows businesses to adjust the allocation of space according to business needs, such as adding or removing meeting rooms, workspaces, etc. This flexibility can be achieved through the use of movable furniture and partitions, allowing the space to be quickly reorganized as needed.

The technology update is compatible with the device

As technology evolves, workplaces need to be constantly updated with technological equipment to stay competitive. This means that the space should be designed to take into account the compatibility of future technologies, such as reserving sufficient power and network interfaces, and ensuring that the space can accommodate new office equipment to accommodate the needs of technological updates.

Multi-functional space design

The multi-functional space design can maximize the efficiency of space utilization while providing a variety of user experiences. For example, a multi-purpose meeting room can be converted into a training room or temporary office area not only for meetings. This design can reduce space waste, improve space utilization and flexibility.

Environmental Convergence



01

The indoor and outdoor environment is harmonious

The harmony of indoor and outdoor environments is an important trend in modern office space design. By introducing outdoor elements into the interior, such as setting up an indoor garden and using natural lighting, a natural and harmonious working environment can be created. This not only helps to increase employee productivity, but also improves employee well-being.



02

Natural elements are introduced

Introducing natural elements can enhance the comfort and aesthetics of the office space. For example, by using natural materials, planting houseplants, setting up water features, etc., it is possible to create an environment that is close to nature. These natural elements help to reduce work stress and increase job satisfaction among employees.



03

Use of environmentally friendly materials

Using eco-friendly materials in the design of your workplace not only helps protect the environment, but also promotes the health of your space. For example, the use of non-toxic, low-volatile organic compound (VOC) materials can reduce indoor air pollution and provide a healthier working environment for employees.



04

Energy efficiency and sustainable development

Energy efficiency and sustainability are important concepts in modern workplace design. By adopting designs such as energy-efficient lighting, efficient energy management systems, green roofs, etc., energy consumption can be reduced, operating costs can be reduced, and environmental impact can be reduced. This design philosophy contributes to the achievement of the company's sustainability goals.

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Humanistic principles



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Ergonomic applications



Desk and chair design

Desks and chairs should be designed with ergonomics in mind to ensure that employees can maintain a good sitting posture during long working hours and reduce physical fatigue. The height, inclination, and support points of tables and chairs need to be optimized according to human size and sitting habits, so as to improve work efficiency and employee comfort.

Noise control and acoustic environment

Noise control is a non-negligible part of office environment design, through the use of sound-absorbing materials, sound insulation measures and reasonable space layout, noise pollution can be effectively reduced and a quiet working atmosphere can be created. A good acoustic environment helps to improve the work efficiency and communication quality of employees.

Lighting and color matching

The lighting design of the office environment should provide sufficient brightness while avoiding glare and shadows to protect employees' eyesight. Color matching needs to consider the impact on the psychology and emotions of employees, and rationally use color theory to create a work environment that can both stimulate vitality and make people relax.

Application of ergonomics in office equipment

The design of office equipment should follow the principle of ergonomics, such as keyboards, mice, monitors, etc., should adapt to human operating habits and reduce the physical burden caused by long hours of work. Through the user-friendly design of the equipment, it can reduce the discomfort and potential health risks during the work process.

Healthy office

Health monitoring system

The health monitoring system aims to monitor the health status of employees through scientific and technological means, such as heart rate, blood pressure and other indicators, as well as the temperature, humidity and air quality of the working environment. This data can help businesses and employees identify health problems in a timely manner and take preventive measures accordingly.

Green plant configuration

Green plants can not only beautify the office environment, but also purify the air, absorb harmful substances, and improve air quality. Proper allocation of greenery can create a healthier and more comfortable workspace.

Human activity promotion

Physical activity promotion includes encouraging employees to get up regularly, participate in fitness activities, and provide corresponding facilities, such as setting up rest areas, fitness equipment, etc. These measures help to alleviate the physical fatigue caused by sitting for long periods of time and improve the physical fitness of employees.

Air quality and ventilation

Air quality and ventilation are key factors in the health of the office environment. Air quality should be checked regularly to ensure that concentrations of harmful gases and particulate matter are within safe limits. At the same time, a reasonable air quality and ventilation design can maintain air circulation and reduce the growth of bacteria and viruses.

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Psychological comfort

Environmental Psychology Applications

The application of environmental psychology focuses on the impact of the office environment on the psychological state of employees. By studying employee behavior and psychological responses, we can design workplaces that increase employee satisfaction and loyalty, thereby improving overall productivity and team cohesion.

Office atmosphere creation

The creation of office atmosphere needs to comprehensively consider factors such as space layout, decorative elements, and cultural atmosphere. A positive, energetic office atmosphere stimulates creativity and enthusiasm for work, and promotes personal growth and teamwork.

Stress-relieving and relaxing space

The Stress Relief & Relaxation Space is designed to provide an environment where employees can take a break from the stress of work. These spaces can include lounges, pantries and more, helping employees rejuvenate and be productive by providing a comfortable environment and relaxing activities.

Design of social and communication spaces

The design of the social and communication space encourages interaction and communication among employees, enhancing team collaboration. These spaces can include meeting rooms, coffee breaks, etc., to stimulate innovation and improve productivity by facilitating the flow of information and the exchange of ideas.

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Principle of efficiency



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Information flow

Office automation systems

Office automation system refers to the use of information technology to realize the automatic processing of office affairs. It can effectively improve work efficiency and reduce labor costs. The system usually includes functions such as document management, e-mail, scheduling, etc., which makes the flow of information faster and more accurate.

Data Security and Confidentiality

Data security and confidentiality are crucial aspects of information flow. Enterprises need to take a variety of physical, technical, and managerial measures to protect data from unauthorized access, tampering, or leakage. This includes the use of firewalls, encryption technology, access controls, and other means to ensure the security of information.

Network & Communication Layout

Network and communication layout refers to the construction of a stable and efficient network communication system within an enterprise. Reasonable layout can ensure the rapid transmission of information on a global scale, including internal local area network, external Internet and mobile communication network, to provide employees with convenient communication channels.

Information sharing and collaboration

Information sharing and collaborative work refers to the exchange of information and collaboration among team members through information technology. This facilitates the spread of knowledge and improves the team's problem-solving skills. Common tools include online collaboration platforms, shared document libraries, and more.

Time management

01

Workflow optimization

Workflow optimization refers to sorting out and improving all aspects of the work process to improve work efficiency and effectiveness. By analyzing existing processes, identifying bottlenecks and waste, and redesigning processes to reduce unnecessary time and resource consumption.

02

Timeplanning and scheduling

Time planning and arrangement refers to the rational allocation and use of time to ensure the orderly progress of work tasks. This includes setting priorities, creating schedules, setting buffer times, and more to help employees manage their individual and team time more effectively.

03

Productivity Improvement Strategies

Productivity strategies involve a variety of methods and techniques, such as time management techniques, task breakdown, goal setting, and more. With these strategies, employees can get more done in a limited amount of time, increasing individual productivity and the overall efficiency of the business.

04

Time cost control

Time cost control refers to the evaluation and management of the economic value of time in business operations. By analyzing the cost of time, companies can allocate resources more rationally and avoid wasted time, thereby reducing operating costs and improving profitability.

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Resource integration

Material management

Material management refers to the effective management and deployment of materials within the enterprise. This includes material procurement, storage, distribution and use, etc., by optimizing the material process, reducing inventory costs and improving the efficiency of material use.

Energy savings

Energy conservation refers to reducing energy consumption and improving energy efficiency through technical and management means. Companies can reduce energy costs while protecting the environment by adopting energy-efficient equipment and optimizing energy use strategies.

Maximize the use of space resources

Maximizing the utilization of space resources refers to the rational planning of office space and the improvement of space utilization. This includes optimizing the layout of office areas, meeting rooms, storage spaces, and more to ensure that each space is maximized.

Knowledge resource sharing

Knowledge resource sharing refers to the establishment of a knowledge base within an enterprise to promote the dissemination and sharing of knowledge. In this way, employees can more easily obtain the information they need, improve work efficiency, and also contribute to the construction of corporate culture and the accumulation of knowledge.

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Aesthetic principles



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Visuals

Interior Design & Decoration

Interior design and decoration are an important part of the aesthetic principles of the workplace. It focuses not only on the layout of the space, the selection and placement of furniture, but also on the decoration of walls, floors and ceilings. Through a well-designed indoor environment, the work experience of employees can be enhanced, and the comfort and aesthetics of the space can be enhanced.

Color & Lighting Design

Color and lighting design have a direct impact on the visual impact of the workplace. Reasonable color matching can regulate the mood of employees and improve work efficiency; The scientific layout of the light can reduce eye fatigue and create a bright and comfortable working environment.

Spatial scale and scale

Spatial proportion and scale are fundamental elements in interior design, which involve the size and height of the space and the distribution of various functional areas. Proper proportions and scales can make the workplace appear more cohesive and avoid crowding or emptiness, thereby improving the efficiency of space utilization.

Cultural elements are integrated

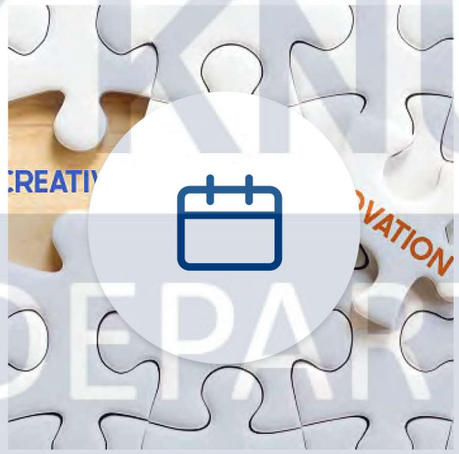
Integrating cultural elements into the office environment can reflect the character and spirit of the enterprise. Through the embellishment of cultural symbols such as art paintings, sculptures, and decorations, it can not only enrich the connotation of the space, but also enhance the sense of identity and belonging of employees to the enterprise.

Aesthetics



Modern office aesthetics

Modern office aesthetics emphasize simplicity, practicality and functionality, and pursue the harmony and unity of materials, colors and forms. With the humanized design concept, it enhances the overall sense of office environment and sense of science and technology to meet the needs of modern office.



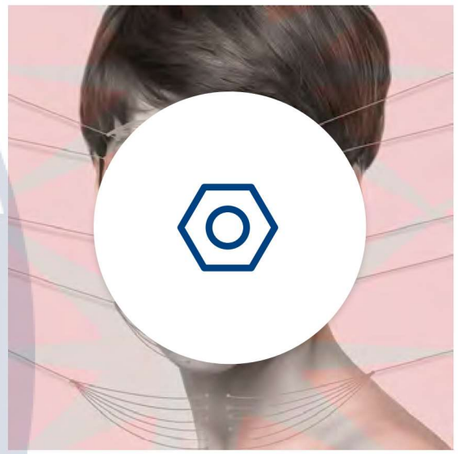
Innovation and personalization

Innovation and personalization are important trends in the design of modern office environments. Through innovative design techniques, the designer combines the characteristics of the enterprise to create a unique office space. Personalized design not only enhances the uniqueness of a space, but also stimulates the creativity and imagination of employees.



Aesthetic Education and Management

Aesthetic education and management is an important way to improve employees' aesthetic literacy and aesthetic ability. Through aesthetic education, employees are better able to understand and appreciate the aesthetic elements of the office environment, which can lead to increased job satisfaction and quality of life.



Aesthetic evaluation criteria

Establish a well-established set of aesthetic evaluation criteria to help guide the design and evaluation of the office environment. These criteria should include aspects such as spatial layout, color matching, and material selection to ensure that the design meets aesthetic principles and practical requirements.

Environmental art

Artwork configuration

Artwork configuration is an important means to enhance the aesthetic value of the office environment. Choosing artworks that are in harmony with the office environment, such as paintings, sculptures, etc., can create an artistic atmosphere and improve the aesthetic level of the space.

Environmental Art Design & Creation

Environmental art design and creation refers to the integration of artistic elements into the design of the office environment. This includes art installations, creative walls, art seating, and more, with the aim of creating a creative and inspiring workspace.

Organization of artistic events

Regularly organizing art activities, such as art exhibitions, lectures, workshops, etc., can enrich the spare time life of employees, improve the cultural taste of the enterprise, and also help stimulate the creativity and team spirit of employees.

Art and corporate culture are integrated

The integration of art and corporate culture can strengthen the cultural connotation of the enterprise and enhance the brand image of the enterprise. Convey corporate values and concepts through the form of art, so that employees can feel the culture and spirit of the enterprise in an artistic atmosphere.

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Safety principles



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Security protection

Fire safety

The office must be equipped with complete fire protection facilities, including fire hydrants, fire extinguishers, etc., and be regularly inspected and maintained. At the same time, there should be clear fire safety passages and escape instructions to ensure that personnel can be evacuated quickly in an emergency.

Accident prevention and handling

For various accidents that may occur, such as electrical failure, falling items, etc., formulate detailed preventive measures and emergency treatment procedures. Conduct regular safety training for employees to improve accident prevention and handling capabilities.

Environmental safety monitoring

Regularly monitor the safety of the office environment, including air quality, electromagnetic radiation, indoor temperature and other indicators. Ensure that all indicators meet national safety standards and protect the health of employees.

Emergency plan

Develop a comprehensive emergency plan, including natural disasters, fires, power outages, etc. The division of responsibilities, emergency procedures and rescue measures should be clearly defined in the plan to ensure that emergency responses can be made quickly and effectively.

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Health coverage



Occupational health check-ups

Provide regular occupational health examinations for employees to detect potential occupational disease risks in a timely manner. Reduce work-related health issues by providing personalized health recommendations based on employees' health conditions.



Office environment detection

Regularly test harmful substances in the office environment, such as formaldehyde, benzene, etc., to ensure that the indoor environmental quality meets national standards. Improve the environment and create a healthy working environment for employees.



Work health guidance

Provide guidance on health at work, including proper sitting posture, rest time scheduling, exercise advice, and more. Through these guidance, we help employees to maintain good working conditions and prevent the occurrence of occupational diseases.



Disease prevention and control

During the season when illnesses such as the flu are high, take necessary precautions, such as providing disinfectant and reminding employees to wear masks. At the same time, employees are trained in disease prevention and control knowledge to improve their awareness of self-protection.

Environmental maintenance

Conduct regular environmental cleaning, including floors, desktops, windows, etc., to keep the office environment clean and tidy. Carry out regular maintenance of office equipment to ensure its proper operation.

Environmental Cleaning & Maintenance

Conduct regular inspection and maintenance of office equipment to identify and solve potential problems in a timely manner. According to technological developments, regularly update equipment to improve office efficiency.

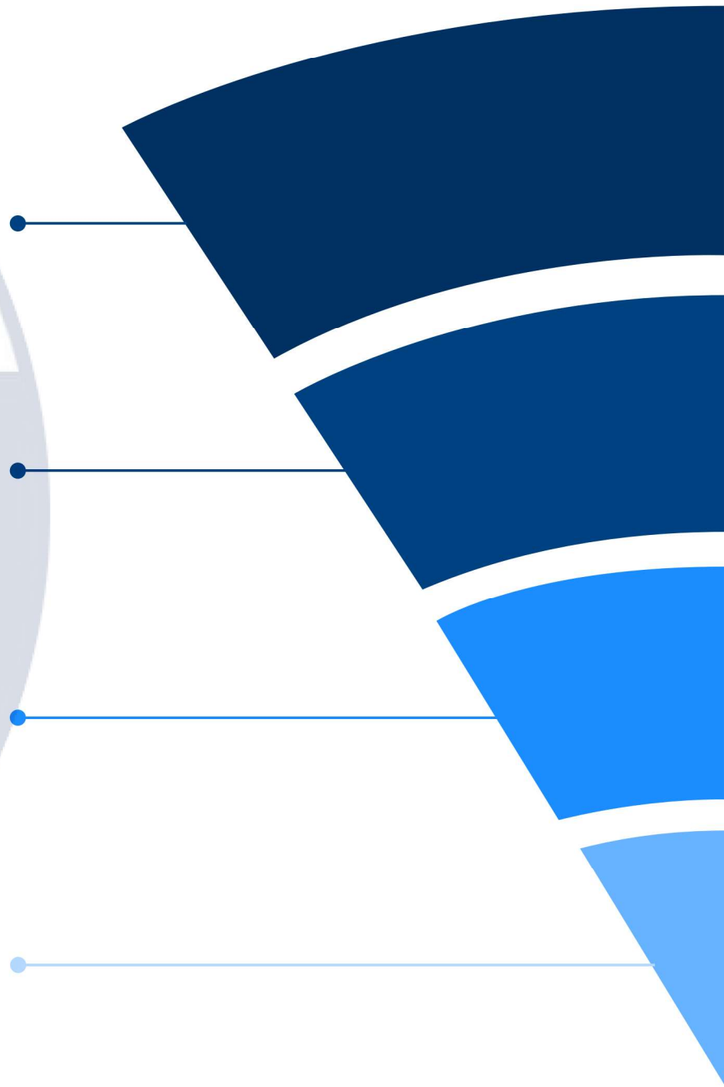
Equipment maintenance and updates

Conduct safety education and training for employees, including fire safety, accident prevention, etc. Improve the safety awareness of employees and reduce the risk of accidents through training.

Safety education and training

Continuous monitoring of the office environment, data collection and analysis. Based on the monitoring results, adjust and improve environmental management measures in a timely manner to ensure the safety and comfort of the office environment.

Environmental monitoring and improvement



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Principles of innovation



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Innovative thinking

Creative workspace design

Creative workplace design is more than just the layout of a physical space, it's a reflection of the way of working and the culture of the organization. It stimulates employees' creativity and collaboration, improves work efficiency and teamwork through creative space planning, such as open office areas, flexible partitions, multi-functional spaces, etc.

Innovative management concept

The concept of innovative management involves the rethinking and improvement of the traditional management model. This includes adopting flat management structures, encouraging employee participation in decision-making, and implementing agile working methods to adapt to a rapidly changing work environment and improve organizational adaptability.

Organization of creative events

Creative events are organized to foster an environment that inspires innovation and sharing. By organizing innovation workshops, idea competitions, team building activities, etc., the potential creativity of employees can be stimulated, knowledge sharing and cross-departmental collaboration can be promoted.

Showcase of innovations

The purpose of the innovation achievement exhibition is to recognize and promote the innovation achievements of employees. By holding regular exhibitions of achievements, innovation conferences and other activities, employees can see that their efforts are recognized and motivate them to continue to innovate.

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Technology application

Intelligent office system

The smart office system uses modern information technology, such as the Internet of Things, artificial intelligence, etc., to improve office efficiency. These systems can improve overall office productivity by automating office processes, providing real-time data analysis, and optimizing resource allocation.

Green building technology

Green building technology refers to the adoption of environmentally friendly, energy-efficient, and sustainable methods in the design, construction, and operation of buildings. These technologies include the use of renewable energy, energy-efficient lighting, green building materials, etc., to reduce environmental impact and improve energy efficiency.

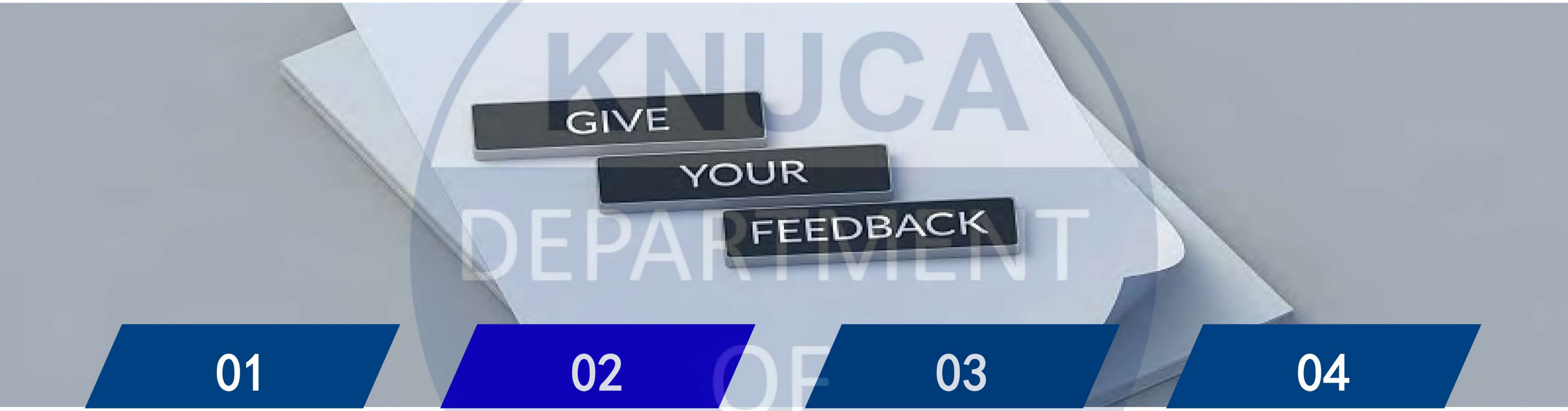
Application of new materials

The application of new materials can bring about the aesthetic and functional improvement of the office environment. For example, the use of recyclable or biodegradable materials, high-performance composite materials, etc., not only improves the durability and comfort of the office space, but also demonstrates the company's environmental philosophy.

Digital office environment

The digital office environment optimizes workflows and improves work efficiency by integrating digital technologies such as cloud computing and big data analytics. The digital environment can enable remote work, online collaboration, real-time communication, and other functions, providing employees with more flexible ways of working.

Continuous improvement



01

Feedback and evaluation mechanisms

Feedback and evaluation mechanisms are key to ensuring continuous improvement in the office environment. By collecting employee feedback on a regular basis, conducting performance reviews, conducting quality audits, etc., problems can be identified in a timely manner and measures can be taken to make improvements.

02

Improve planning and implementation

Improvement planning and implementation is to formulate and implement specific improvement measures for the problems found. This includes developing a detailed improvement plan, assigning responsibilities, setting a timeline, etc., to ensure that improvement measures are implemented effectively.

03

Incentives for innovation

The innovation incentive policy is to encourage employees to actively participate in innovation activities. By providing incentives such as innovation rewards, promotion opportunities, training and development, employees can be stimulated to innovate and be motivated.

04

Sustainable development goals

Sustainable development goals refer to the long-term development vision and goals set by the enterprise. By formulating strategic plans for sustainable development, implementing environmental protection policies, and promoting social responsibility, enterprises can pay attention to the long-term development of society and the environment while pursuing economic benefits.

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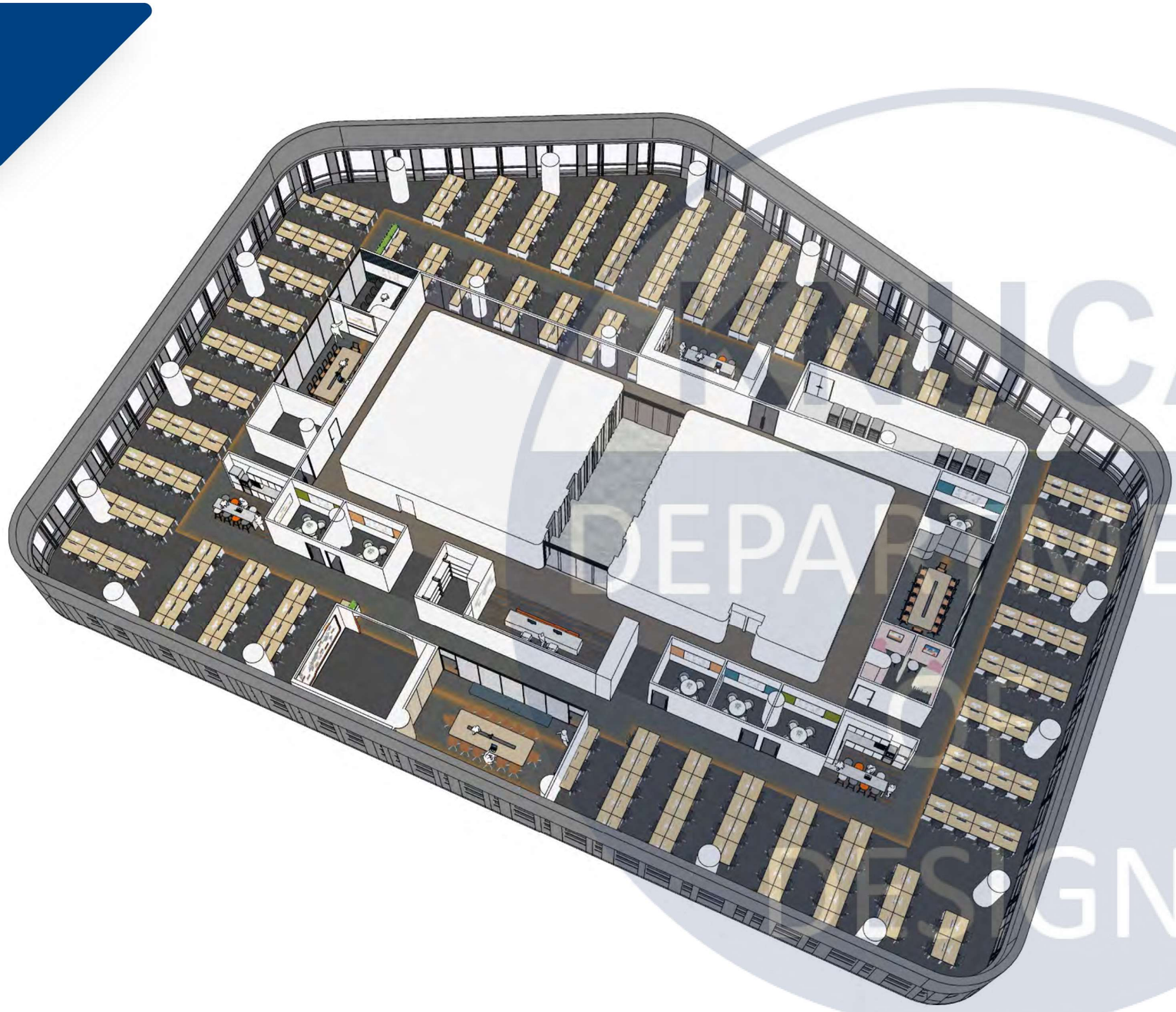
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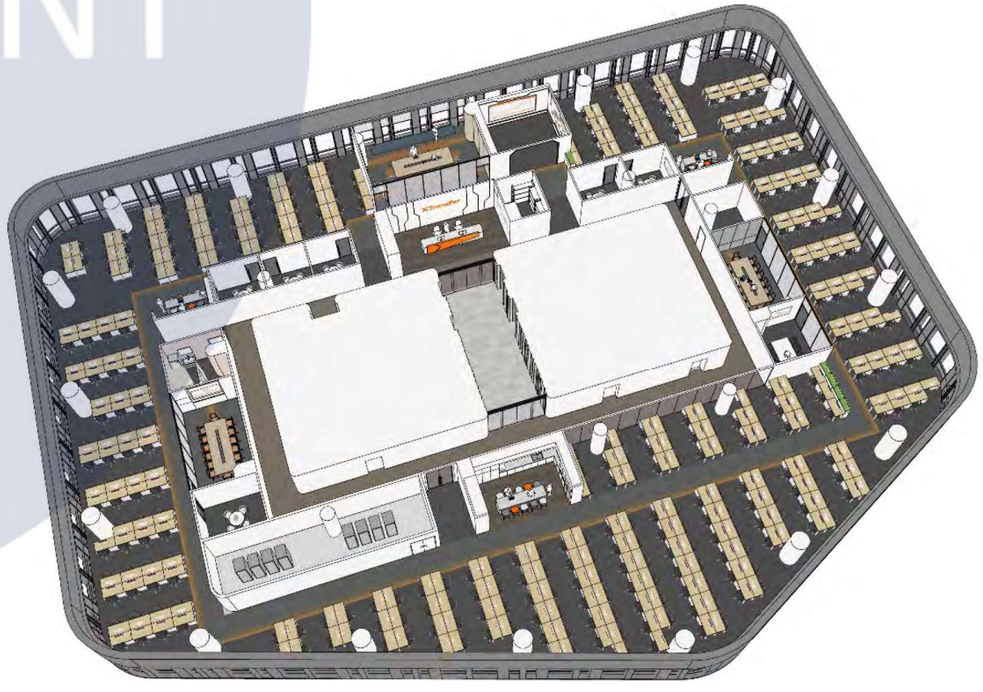


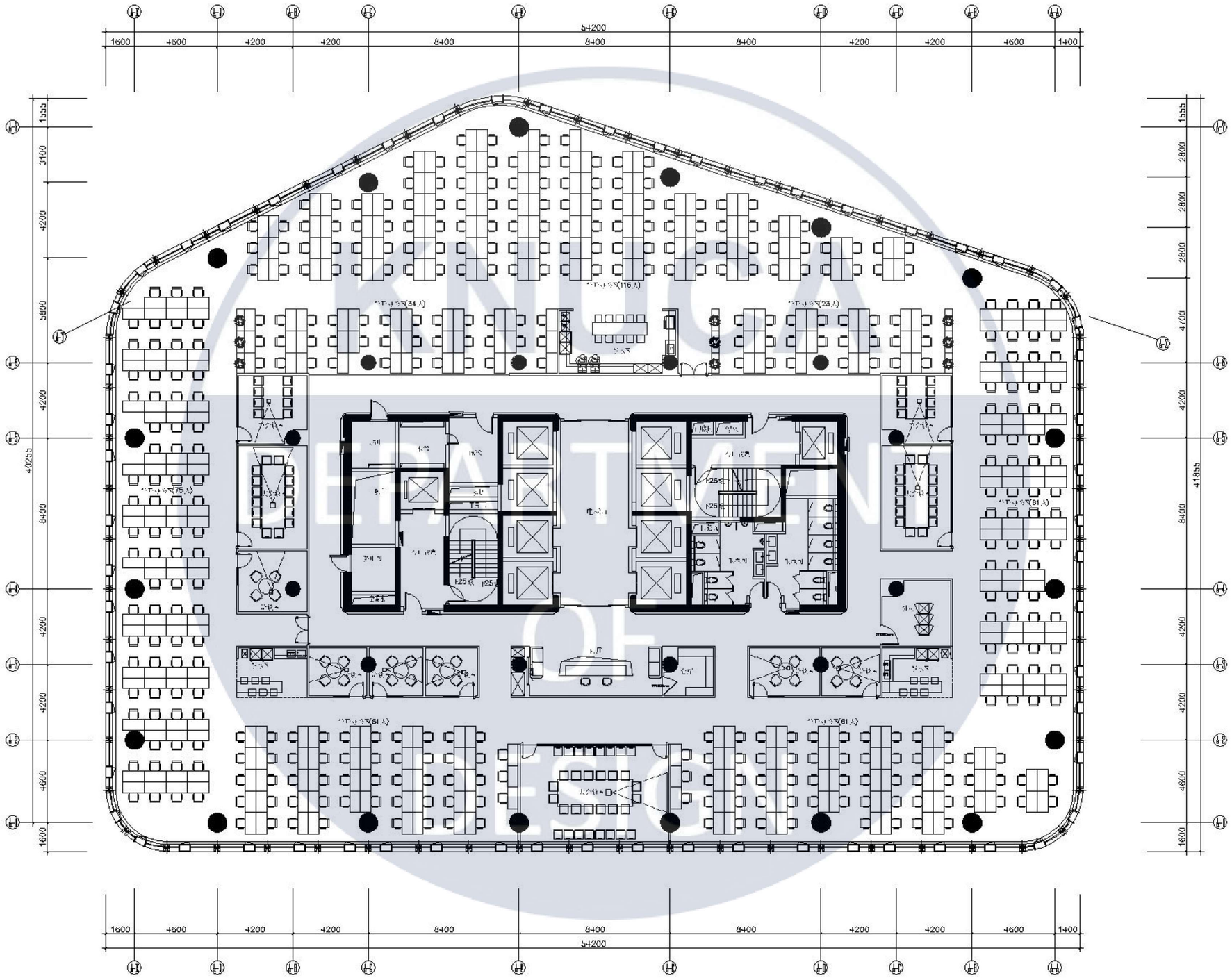
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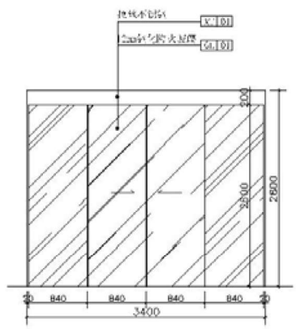
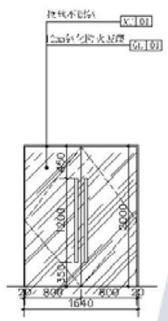
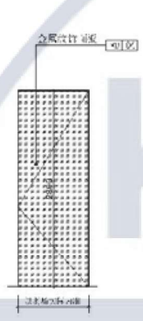
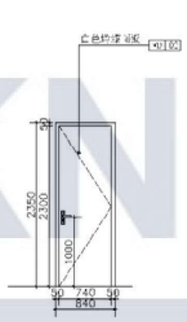


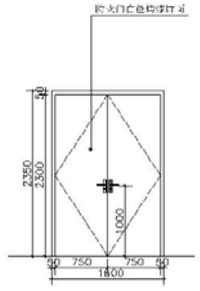
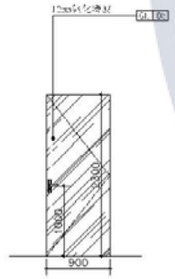
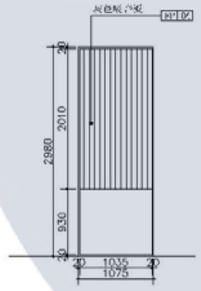
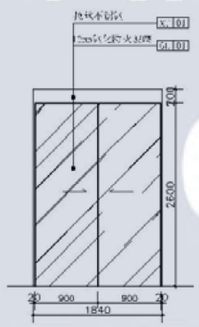


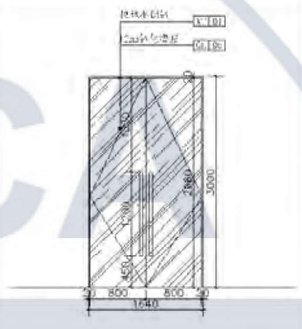
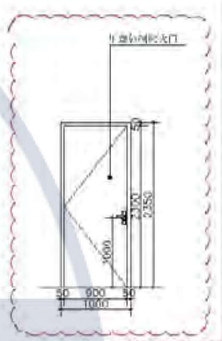
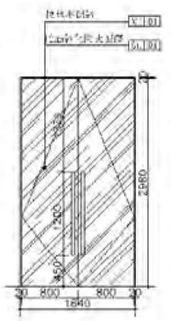
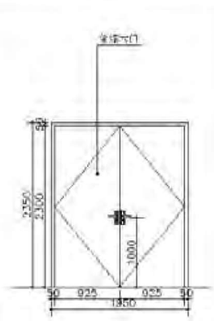


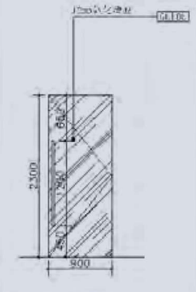
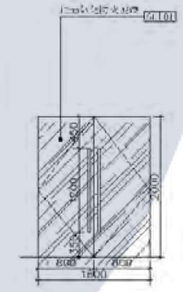
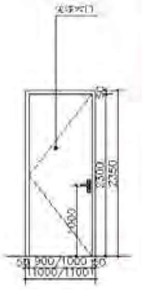
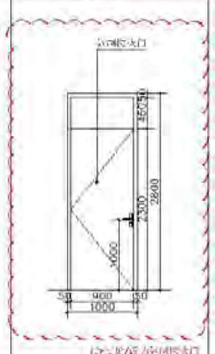
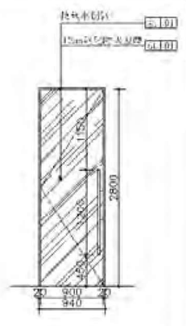

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4200
40225
8400
4200
4200
4600
1600
2800
2800
2800
4700
4200
41855
8400
4200
4200
4600
1600

Door style

编号 NUMBER	D1	D2	D3	D4
位置 LOCATION	电动玻璃移门	双开玻璃门	单开木门	单开木门
门样式 DOOR TYPE				
门扇	电动玻璃移门	双开玻璃门	木门	木门
门框	电梯厅门、轿厢门套	不锈钢门套	轿门套（欢迎室内看门套）	轿厢门套
门把手	无	1200mm不锈钢拉手	无	执手锁
门锁	门单	无	轿门锁	执手锁

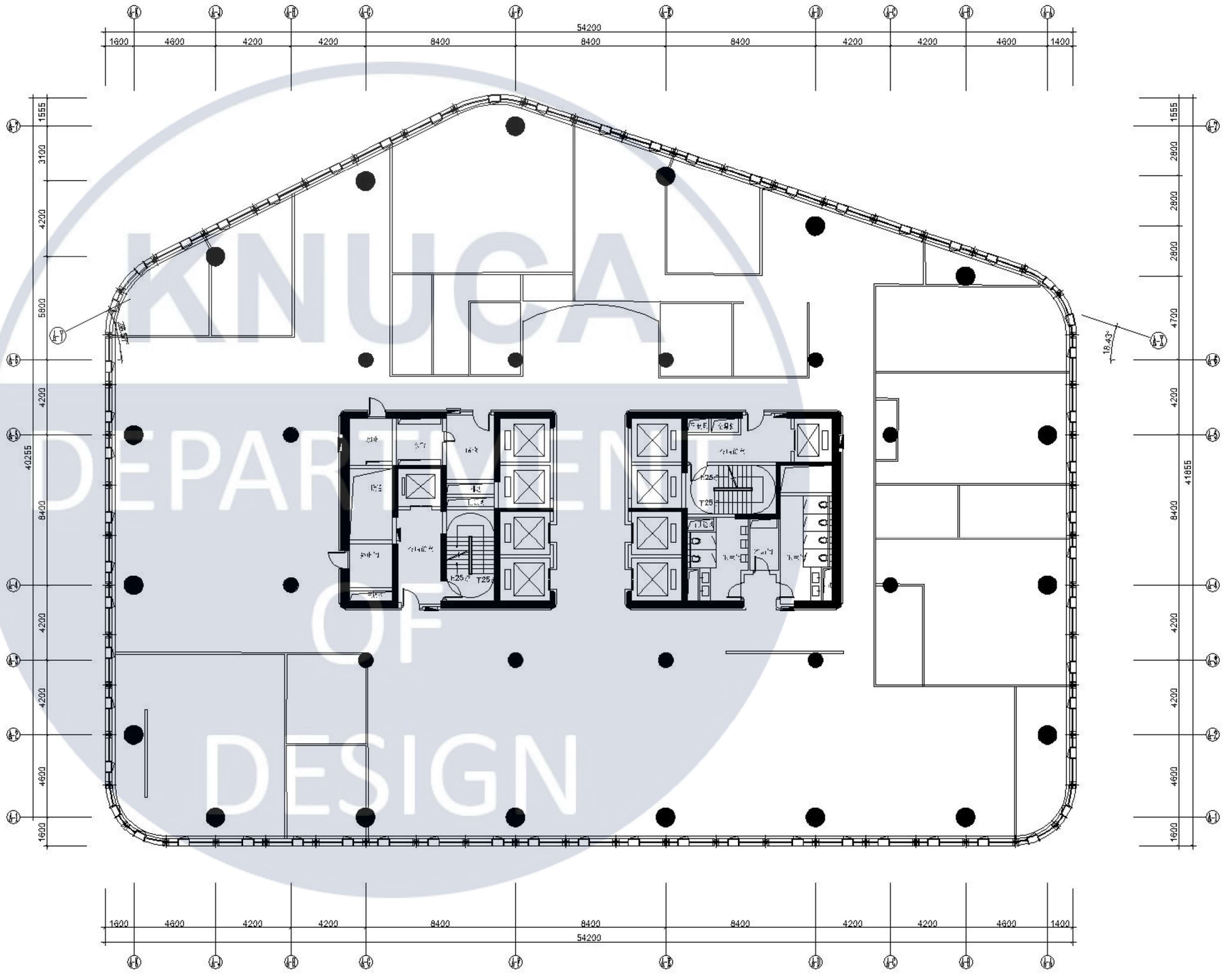
编号 NUMBER	D5	D6	D7	D8
位置 LOCATION	防火门	单开玻璃门	隔断门	电动玻璃移门
门样式 DOOR TYPE				
门扇	双开钢制防火门	单开玻璃门	移动隔断门	电动玻璃移门
门框	轿厢门套	轿厢门套	无	轿厢门套
门把手	执手锁	执手锁	无	无
门锁	执手锁	执手锁	无	门单

编号 NUMBER	D9	D10	D11	D12
位置 LOCATION	双开玻璃门	防火门	双开玻璃门	双开门
门样式 DOOR TYPE				
门扇	双开玻璃门	单开甲级钢制防火门	双开玻璃门	木门
门框	不锈钢门套	轿厢门套	不锈钢门套	轿厢门套
门把手	1200mm不锈钢拉手	执手锁	1200mm不锈钢拉手	执手锁
门锁	无	执手锁	电锁	执手锁

编号 NUMBER	D13	D14	D15	D16	D17
位置 LOCATION	单开玻璃门	双开玻璃门	单开木门	防火门	单开玻璃门
门样式 DOOR TYPE					
门扇	单开玻璃门	双开玻璃门	单开木门	单开钢制防火门	单开玻璃门
门框	轿厢门套	无	轿厢门套	轿厢门套	不锈钢门套
门把手	1200mm不锈钢拉手	1200mm不锈钢拉手	执手锁	执手锁	1200mm不锈钢拉手
门锁	无	无	执手锁	执手锁	电锁

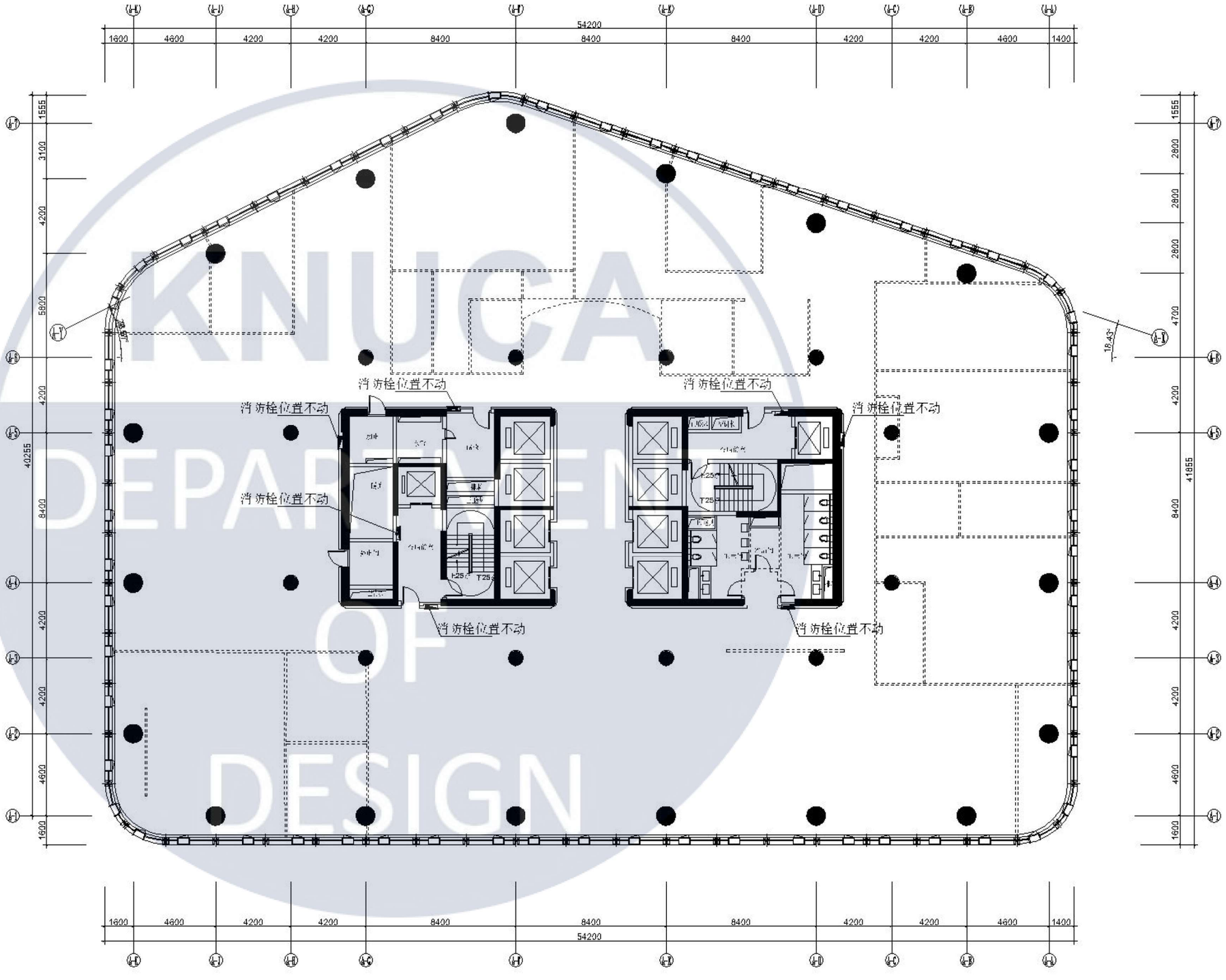
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Floor plan



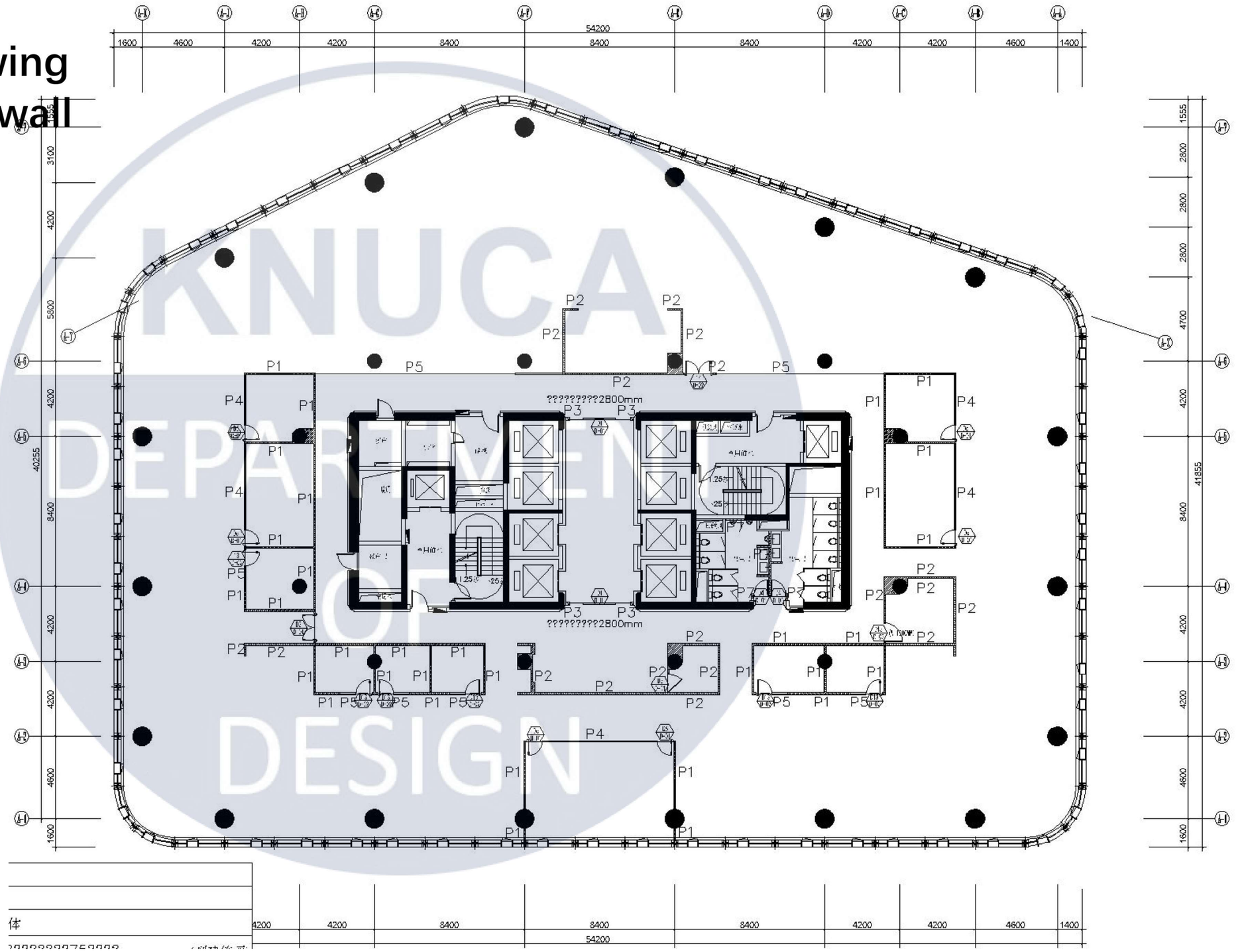
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OF
DESIGN

Demolition Wall Plan



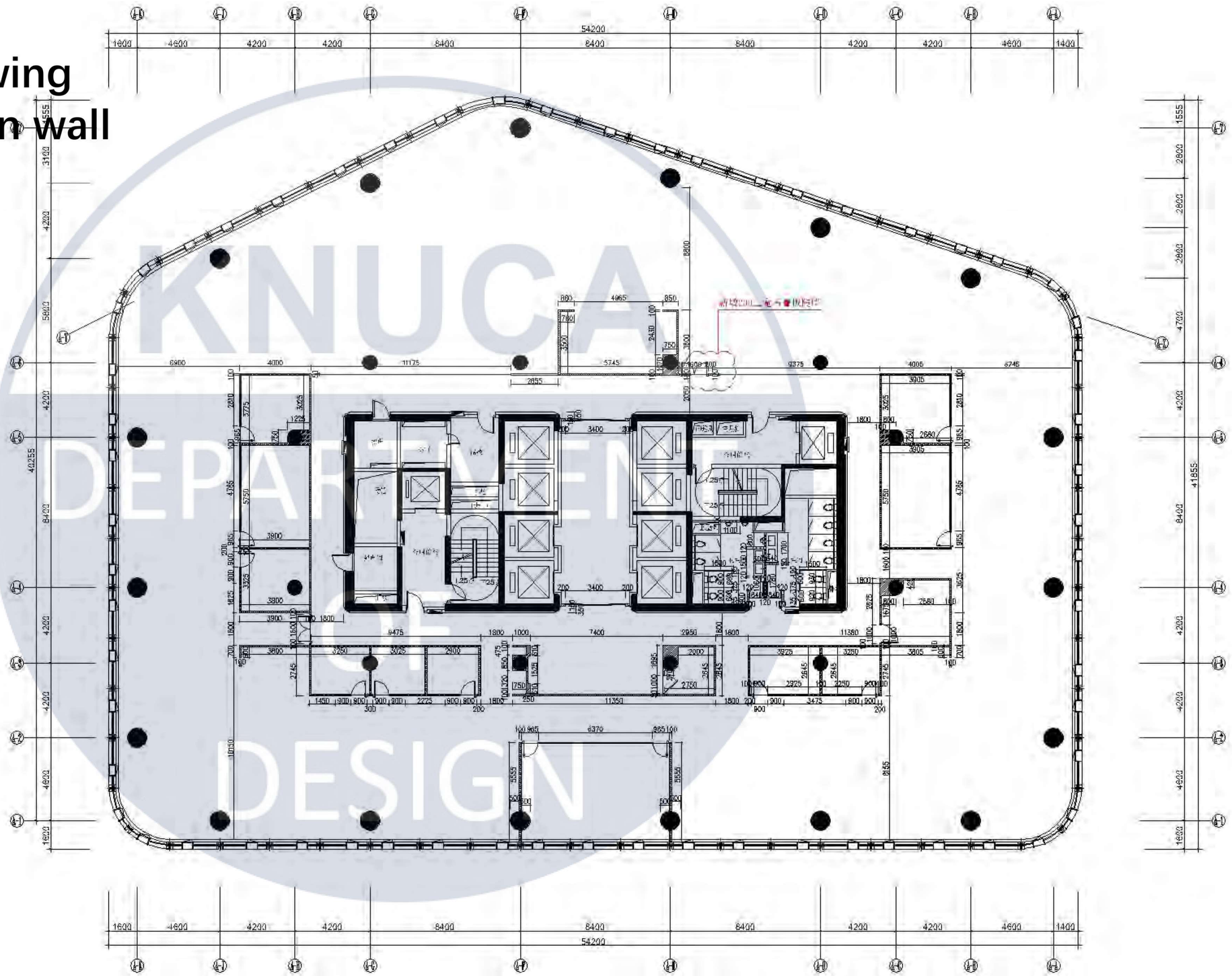
KNUCA DEPARTMENT OF DESIGN

construction drawing for new partition wall

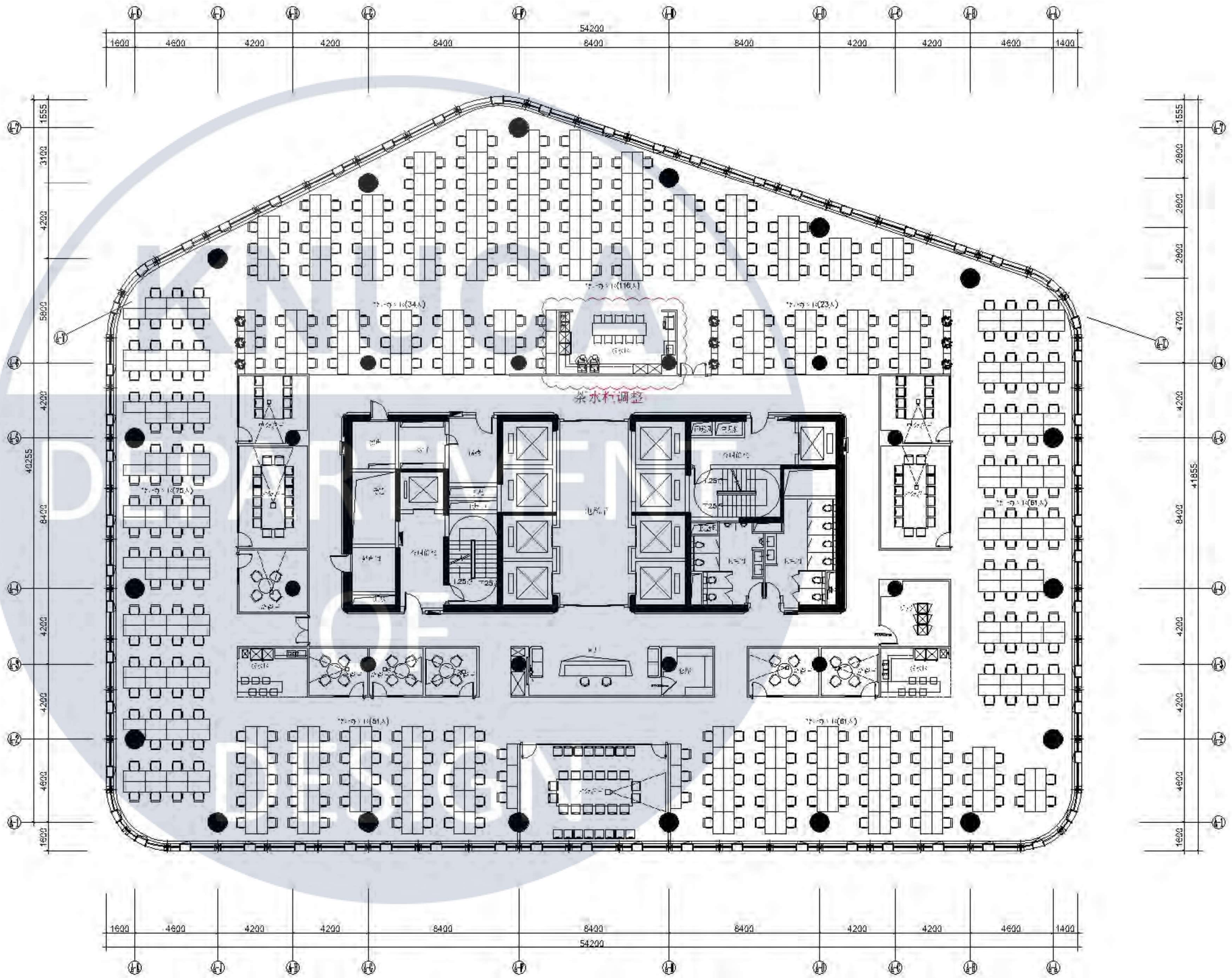


KNUCA DEPARTMENT OF DESIGN

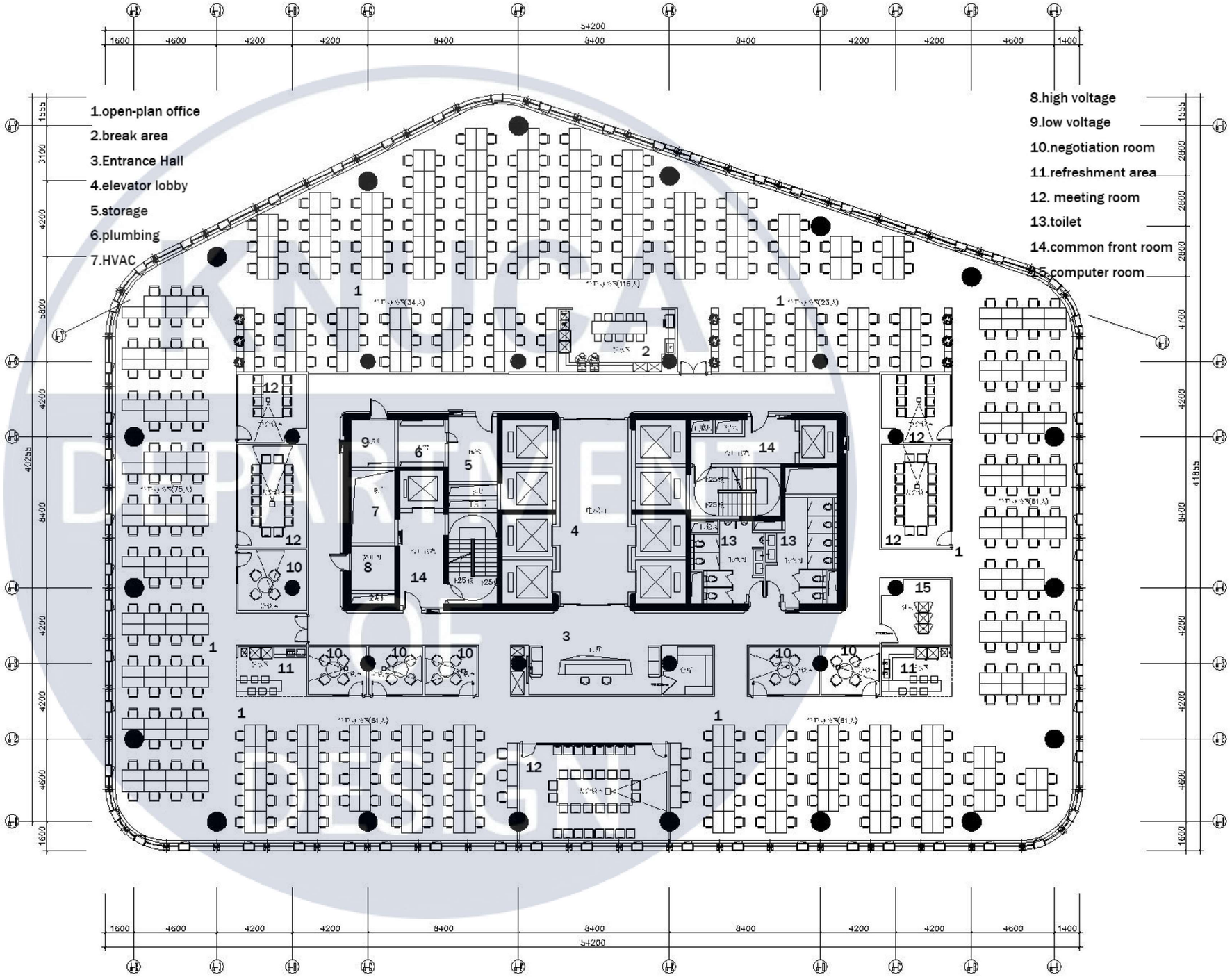
Dimension drawing for new partition wall



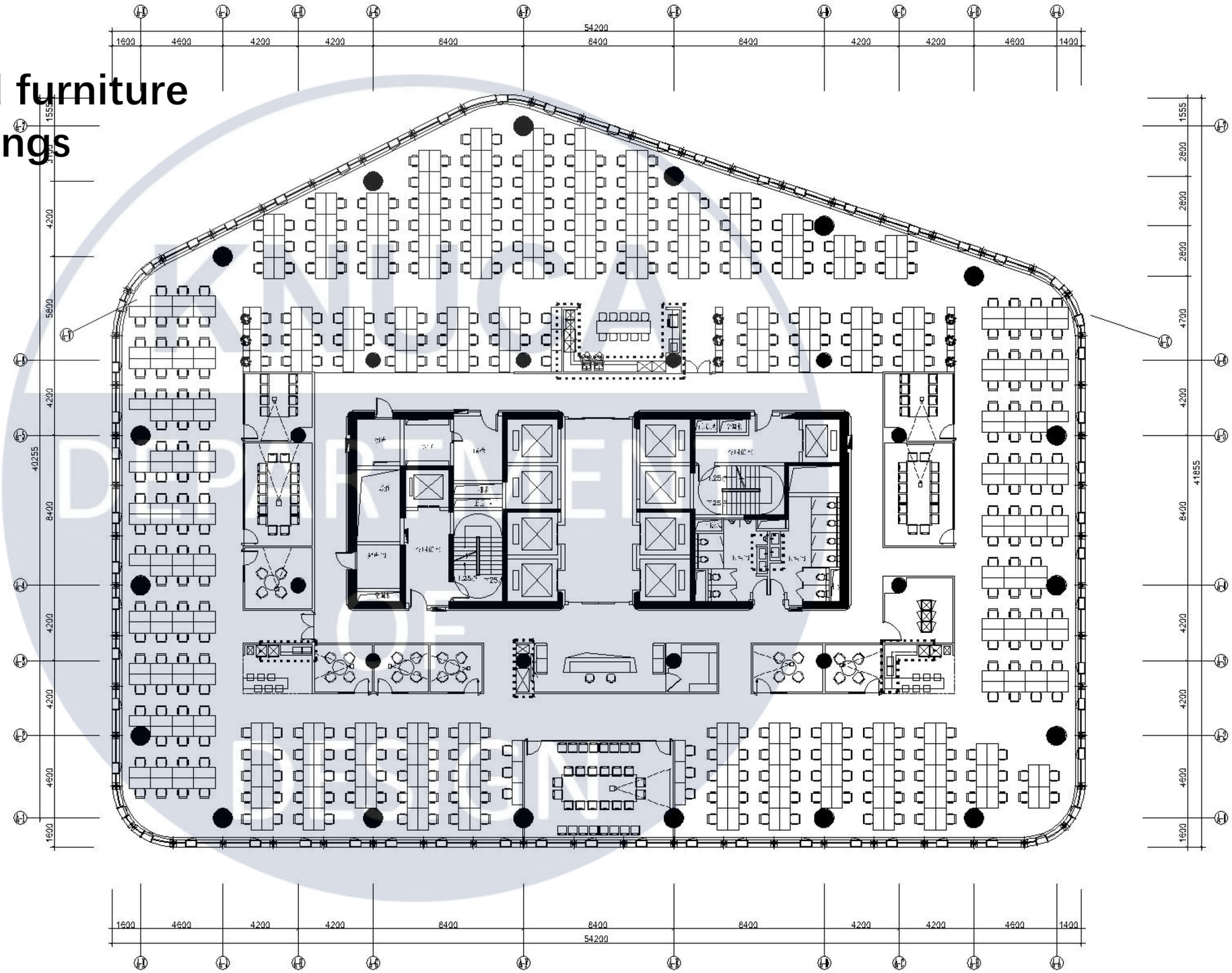
Layout plan


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1400
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41955
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3100
4200
5800
4200
8400
1600
2800
2800
2800
4700
4200
4600
1600
ワーク：(116人)
ワーク：(34人)
ワーク：(23人)
ワーク：(75人)
ワーク：(61人)
ワーク：(51人)
ワーク：(61人)
集水桝調整

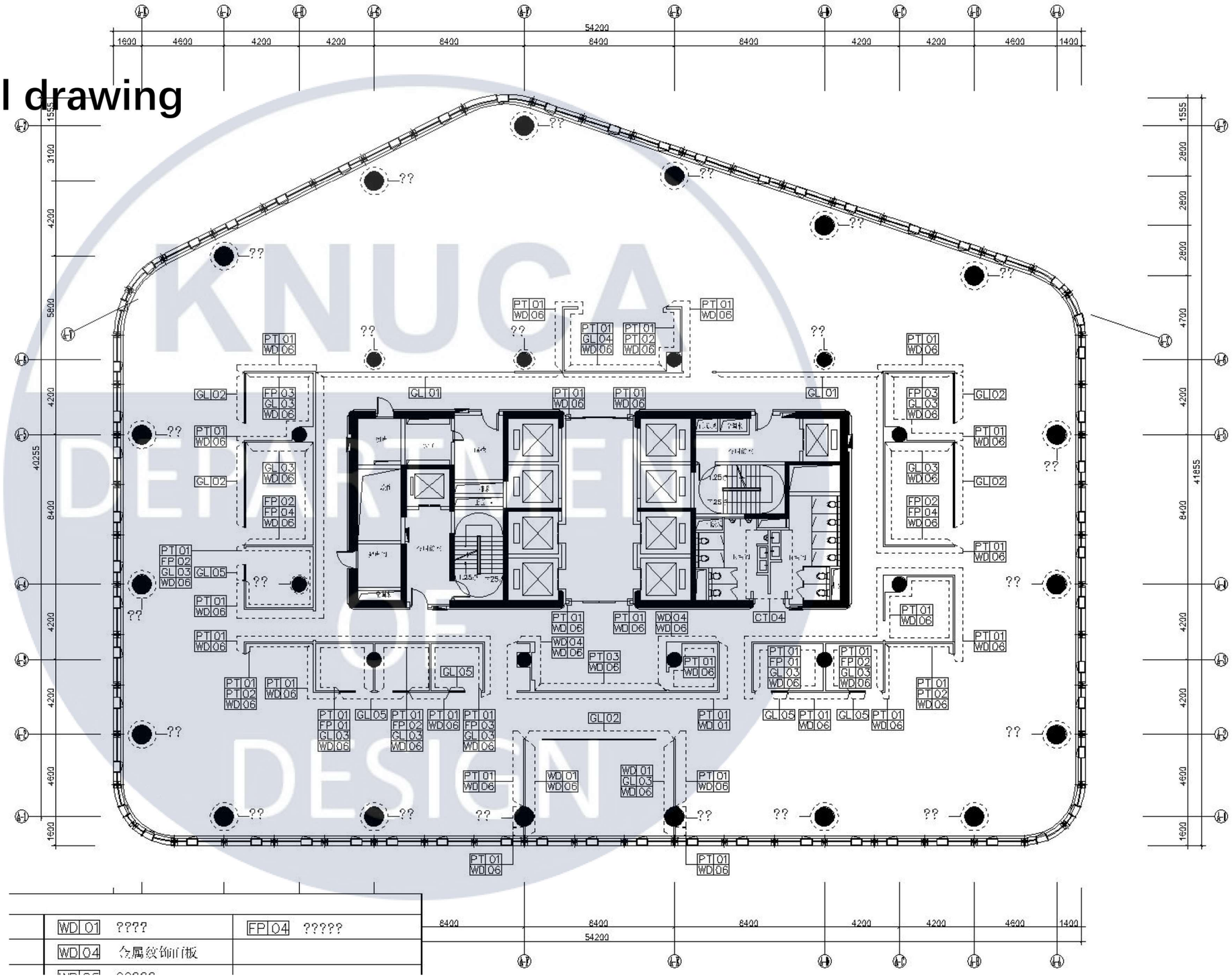
Furniture dimension drawing



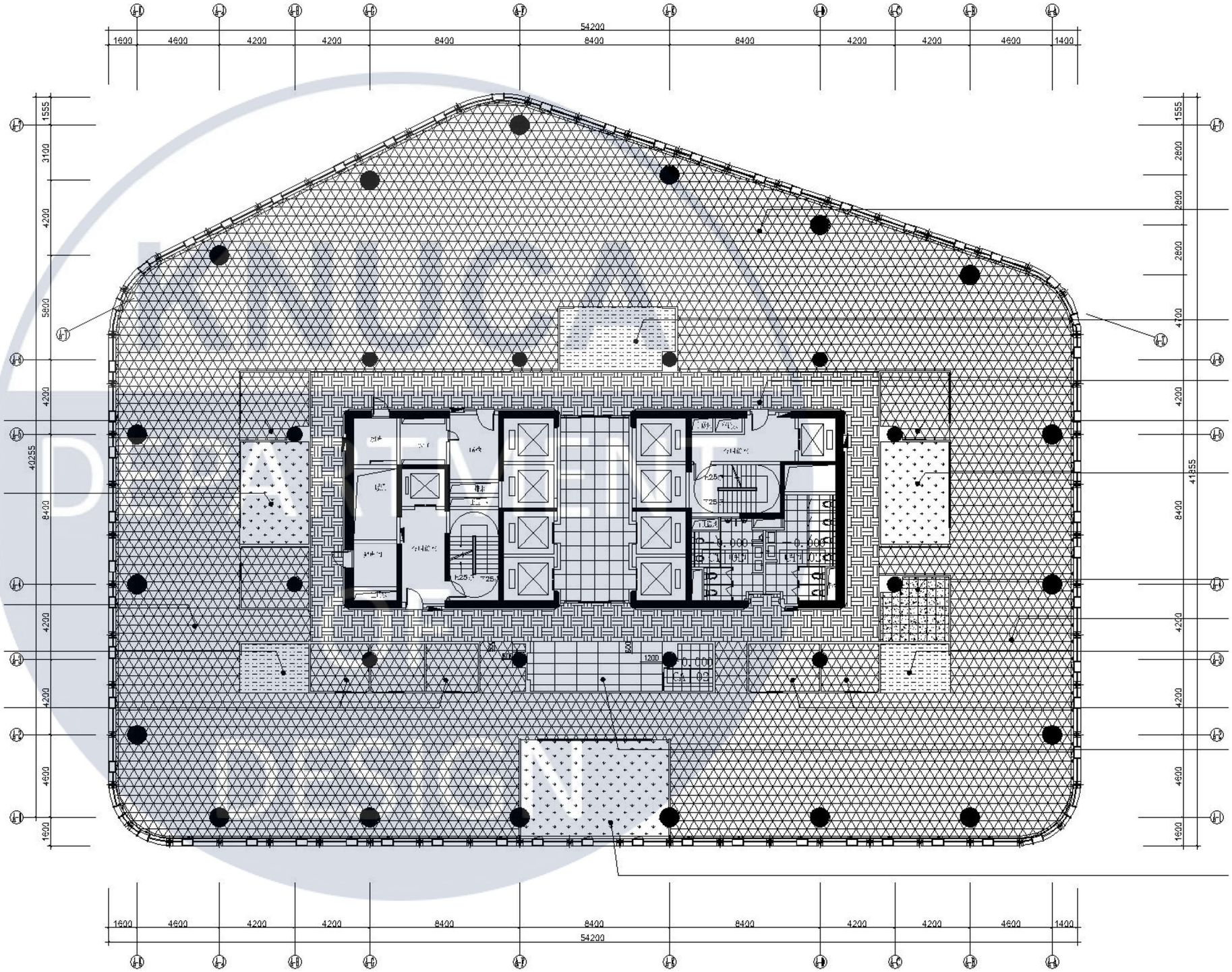
Site-installed fixed furniture construction drawings



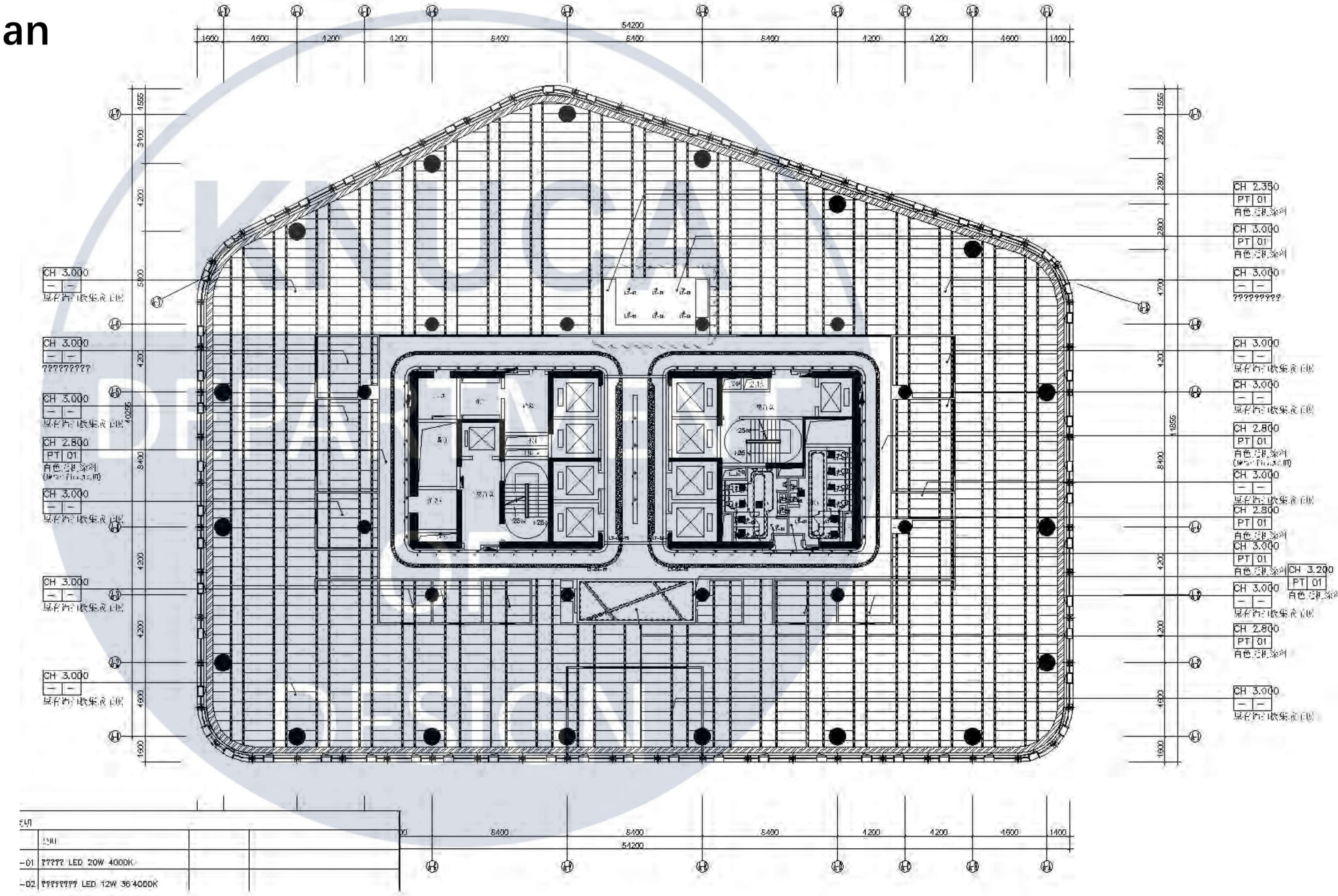
Wall finish material drawing



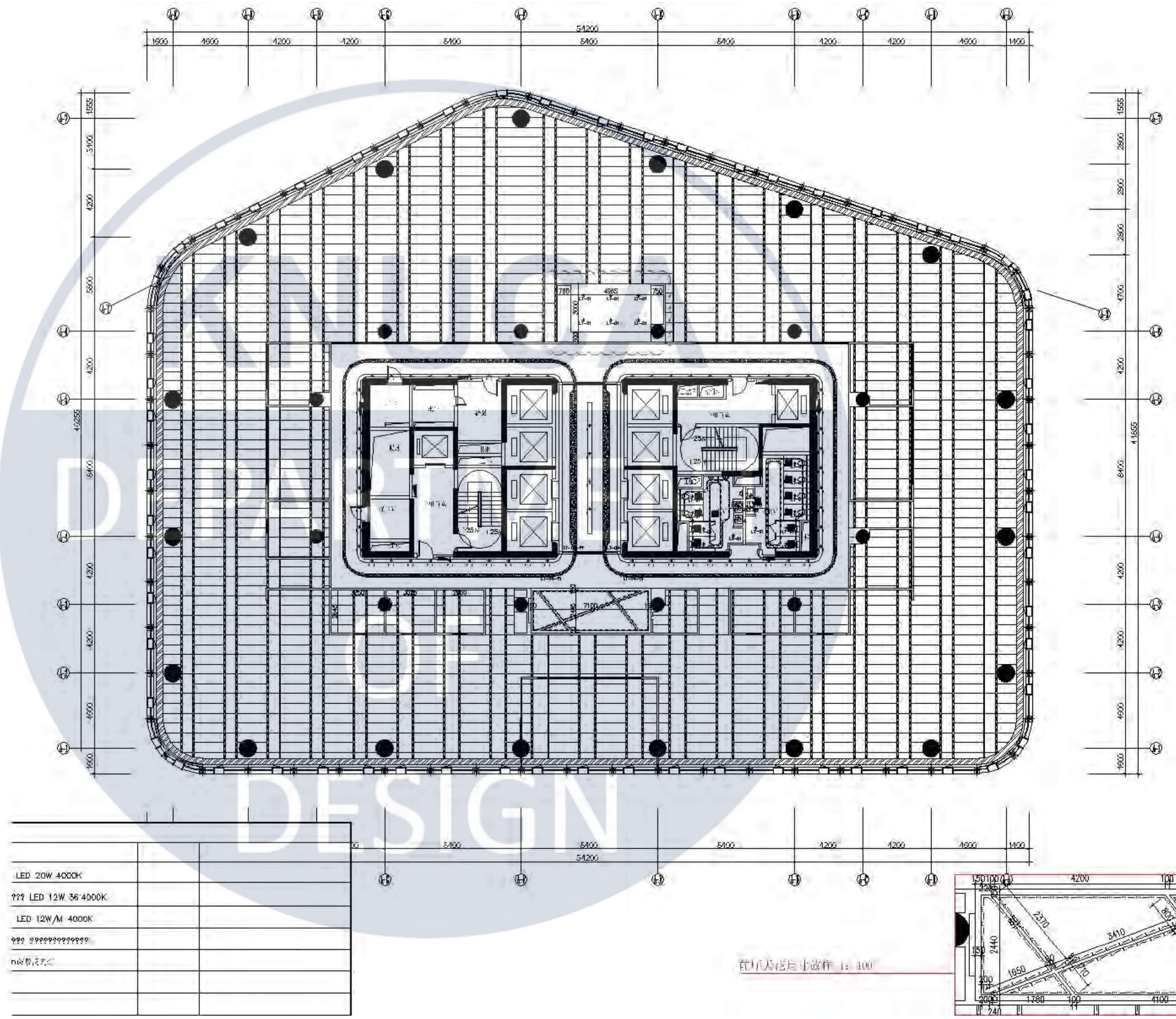
Floor layout plan



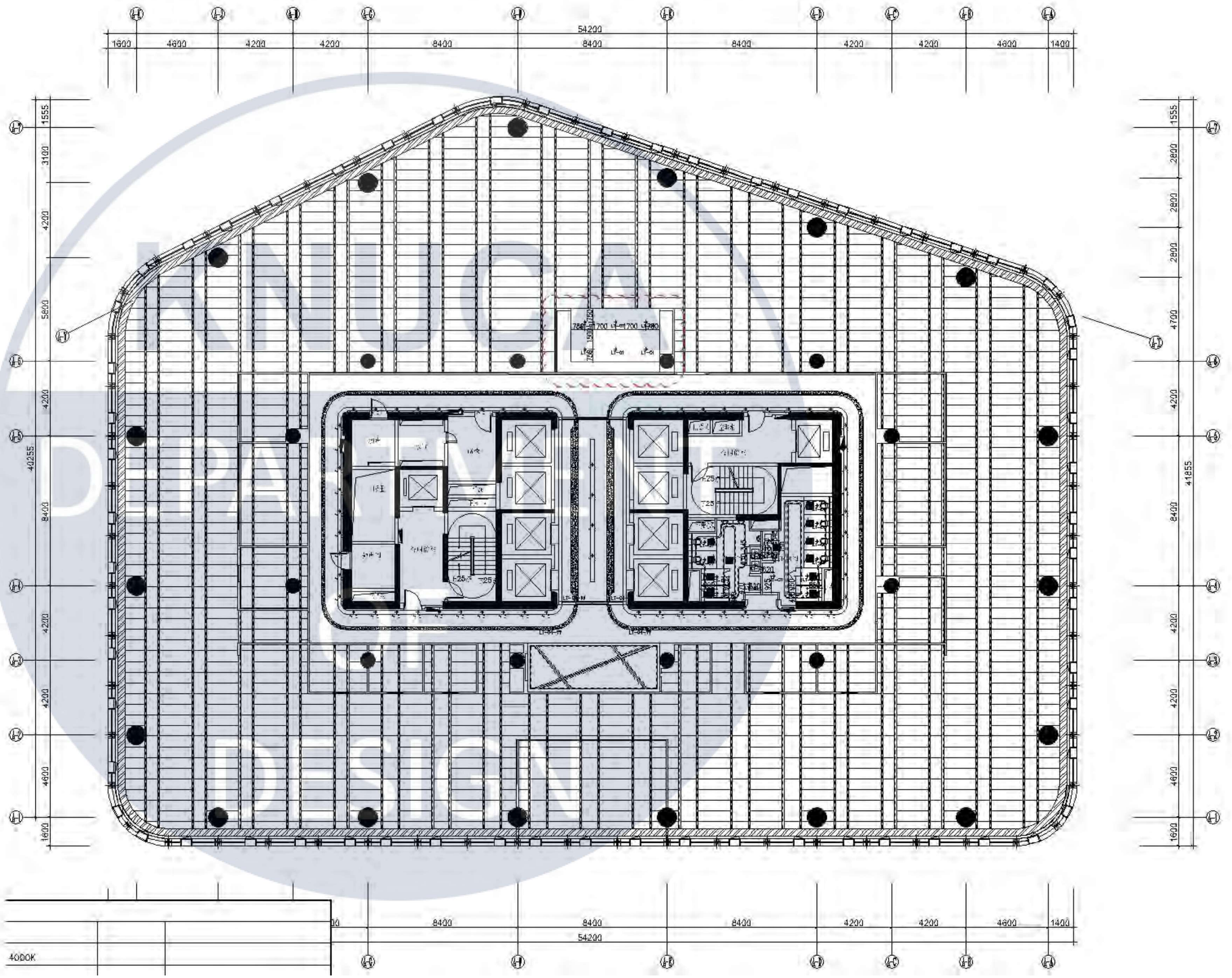
Ceiling layout plan



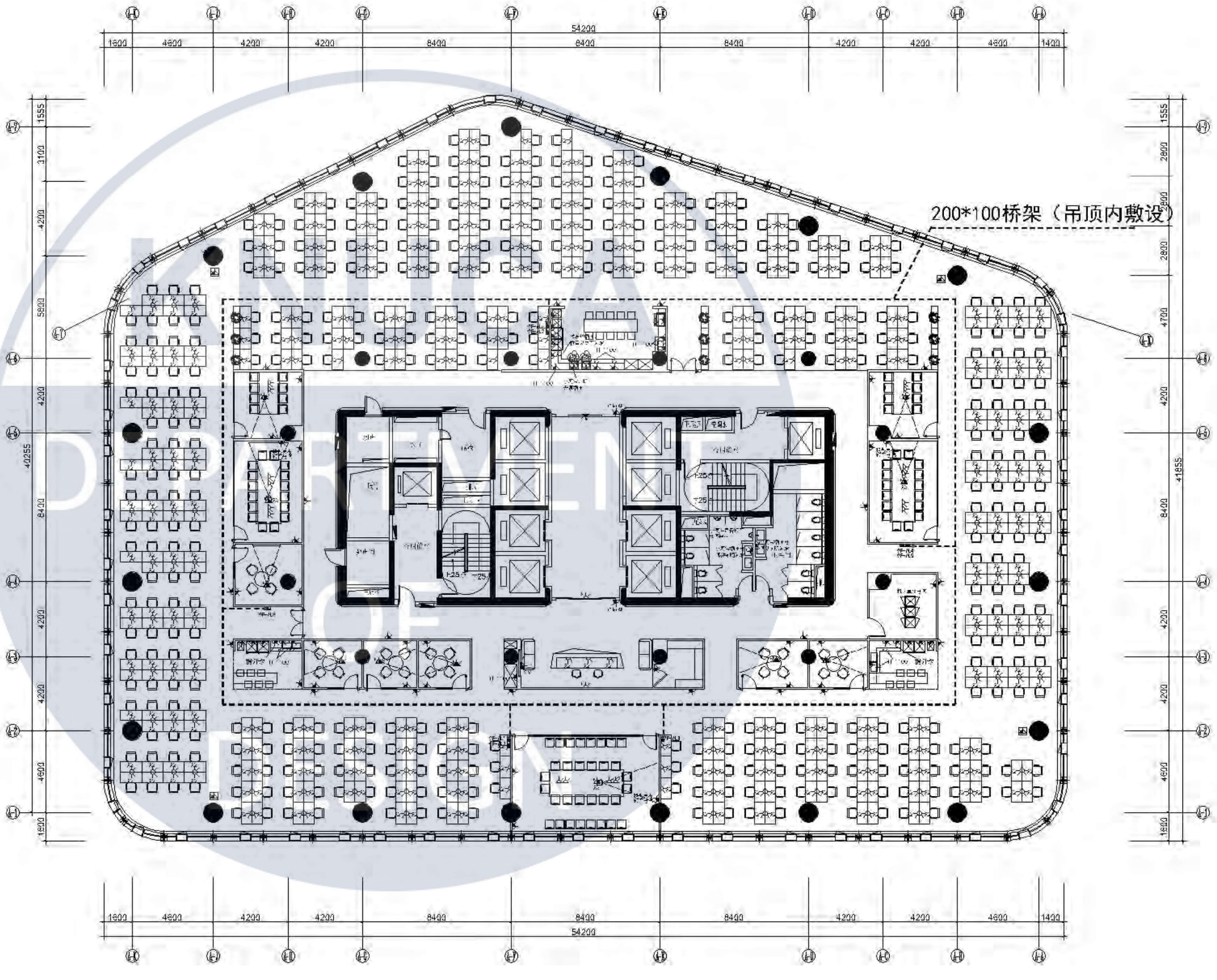
Ceiling size plan



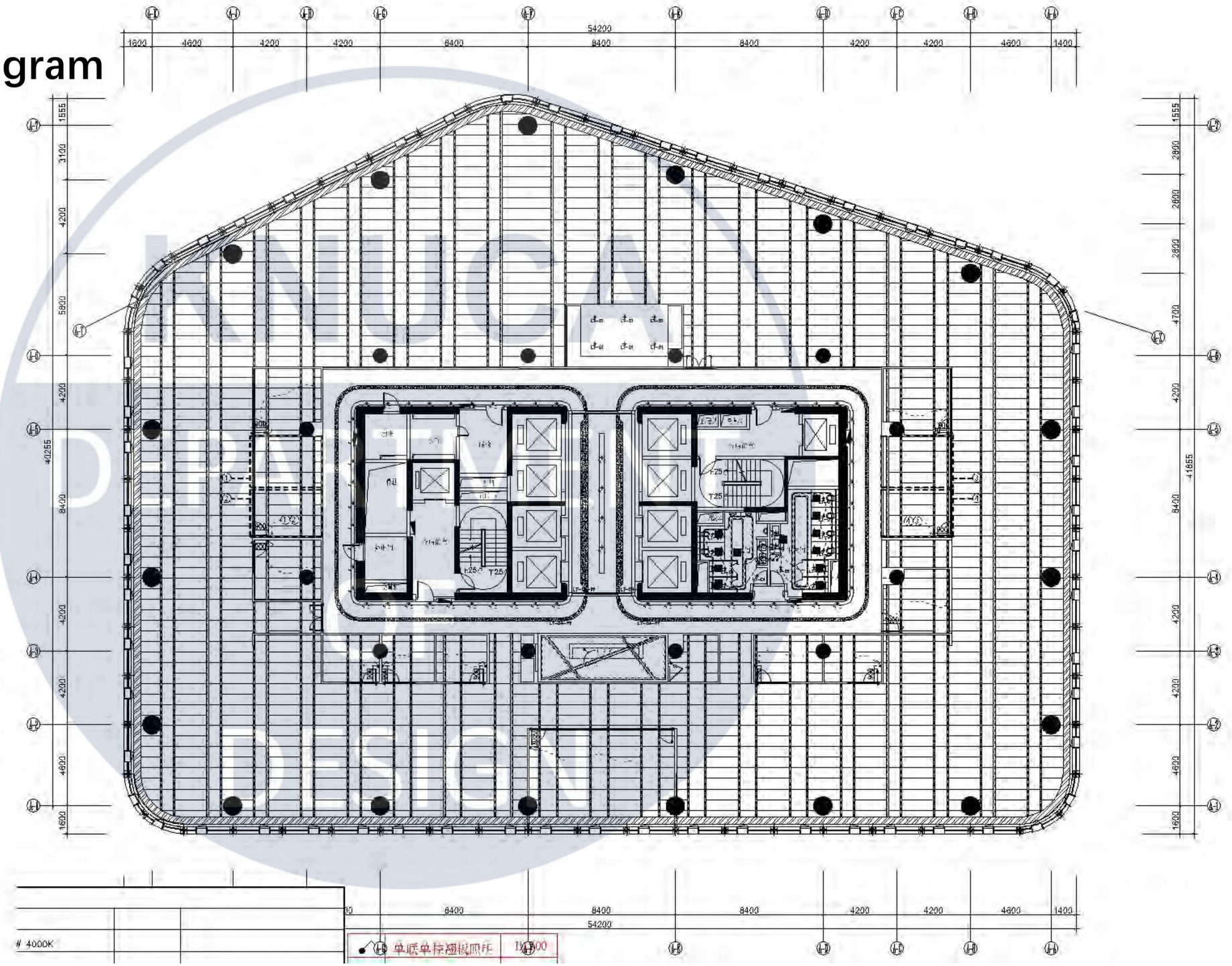
Lamp size plan



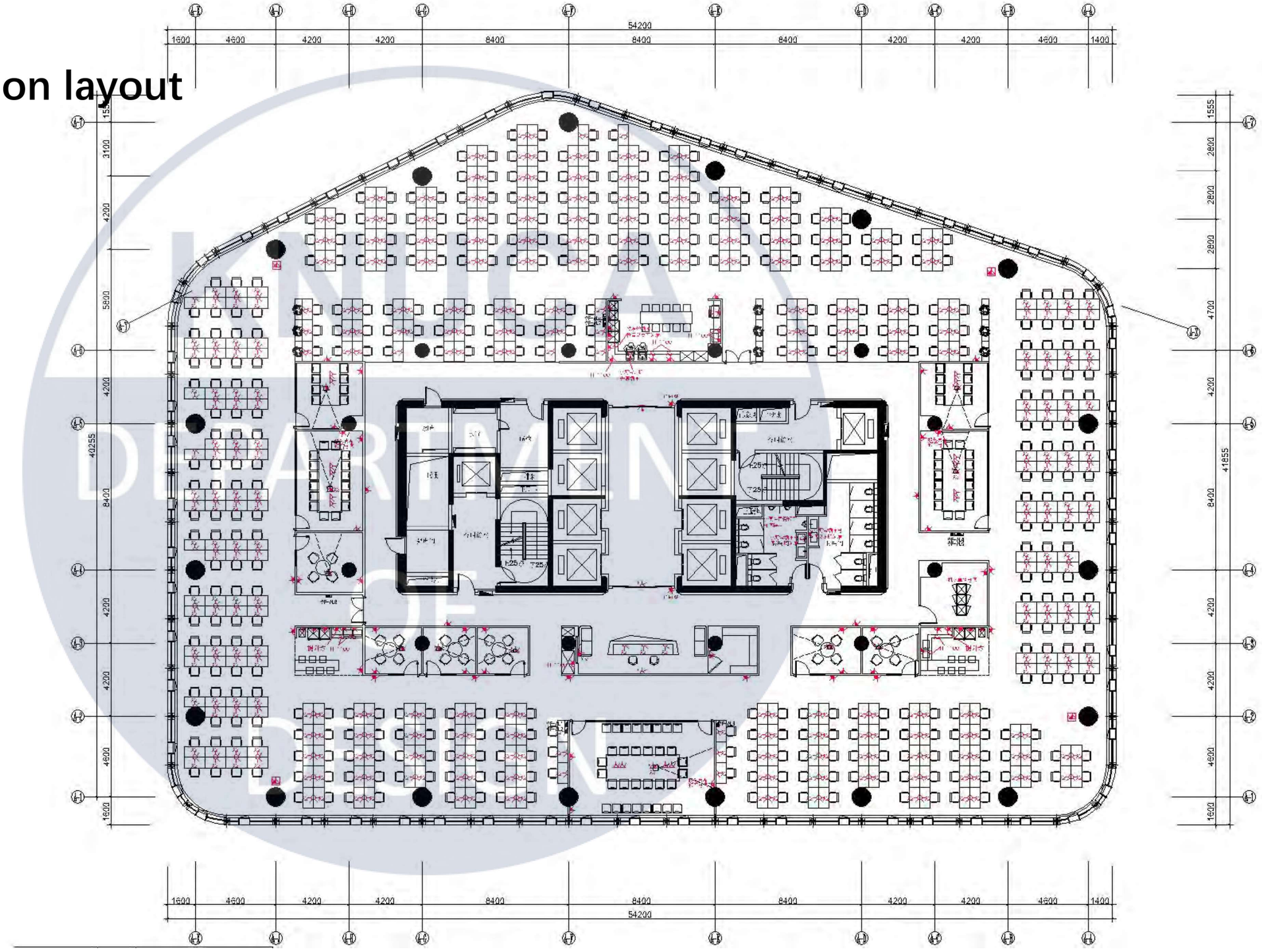
Lighting fixture conduit plan



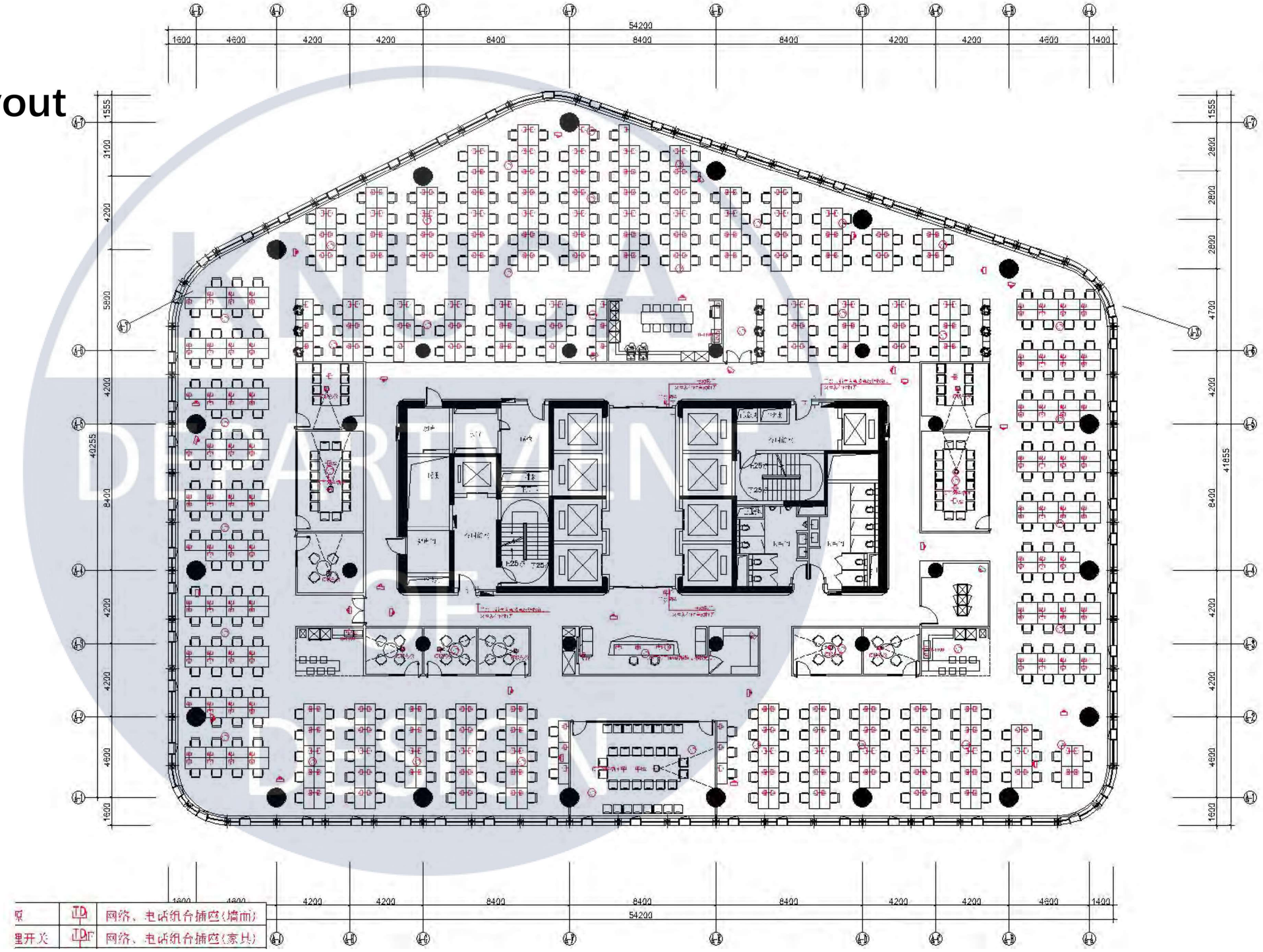
Switch control diagram



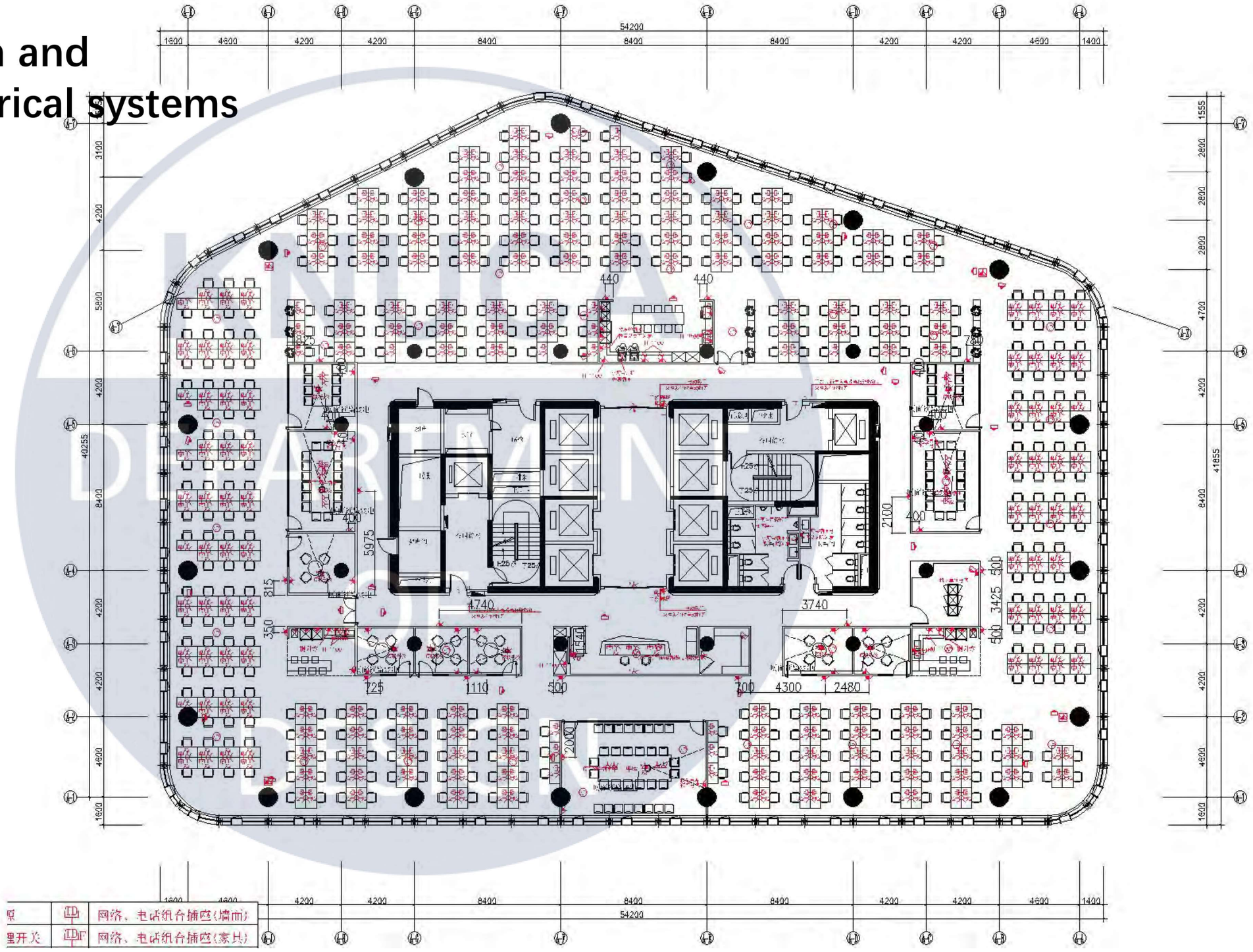
Power distribution layout



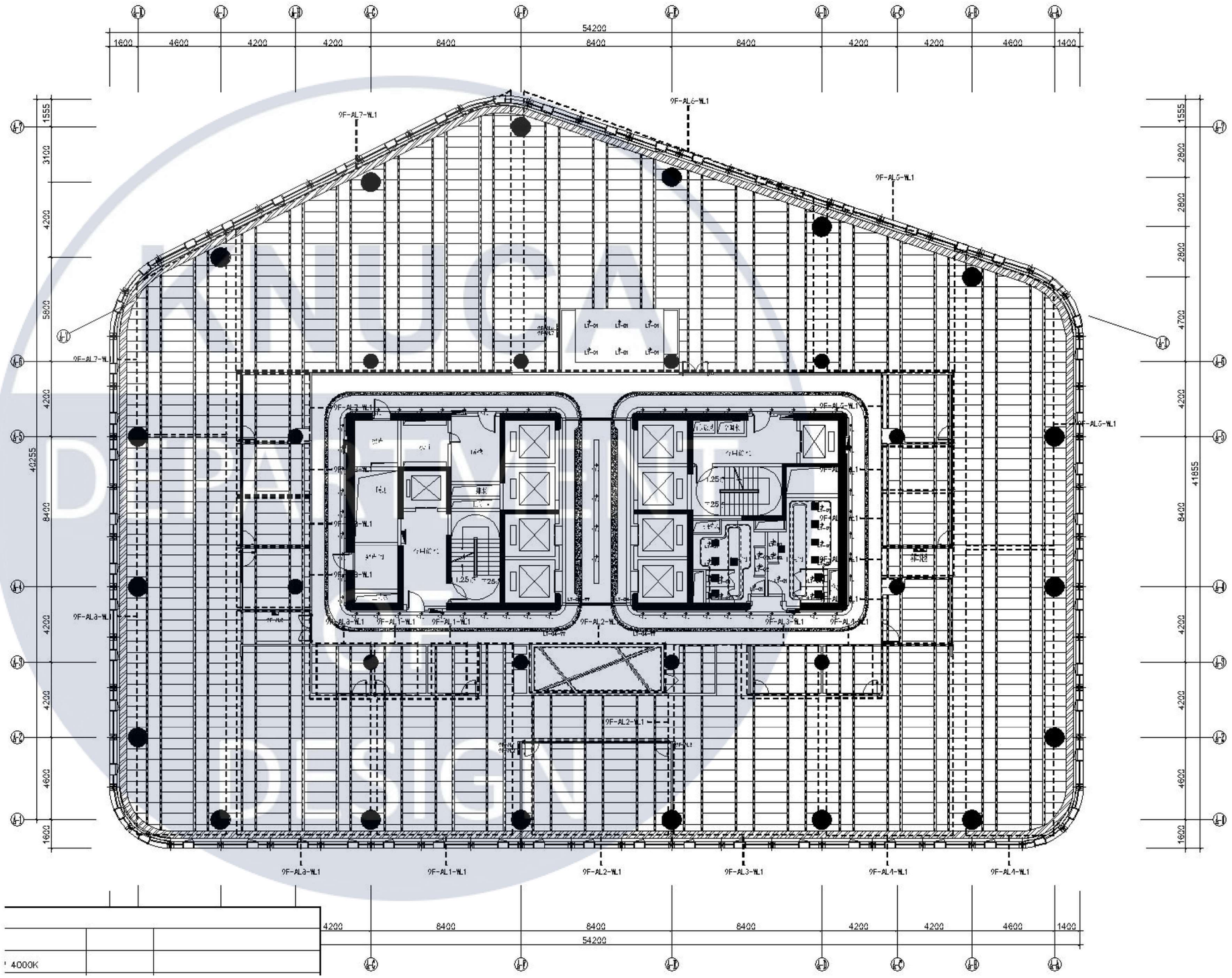
Low voltage distribution layout



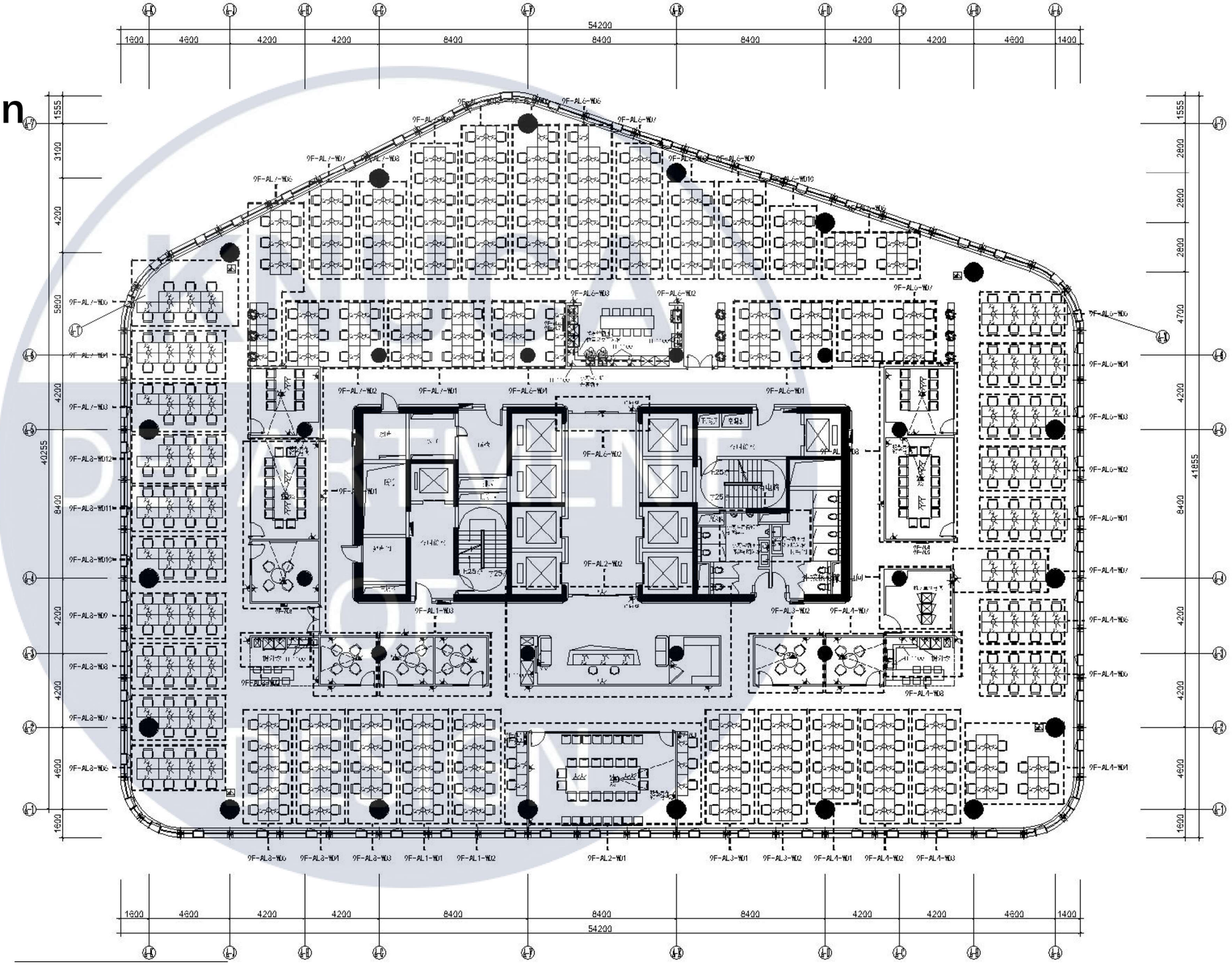
Size plan for high and low voltage electrical systems



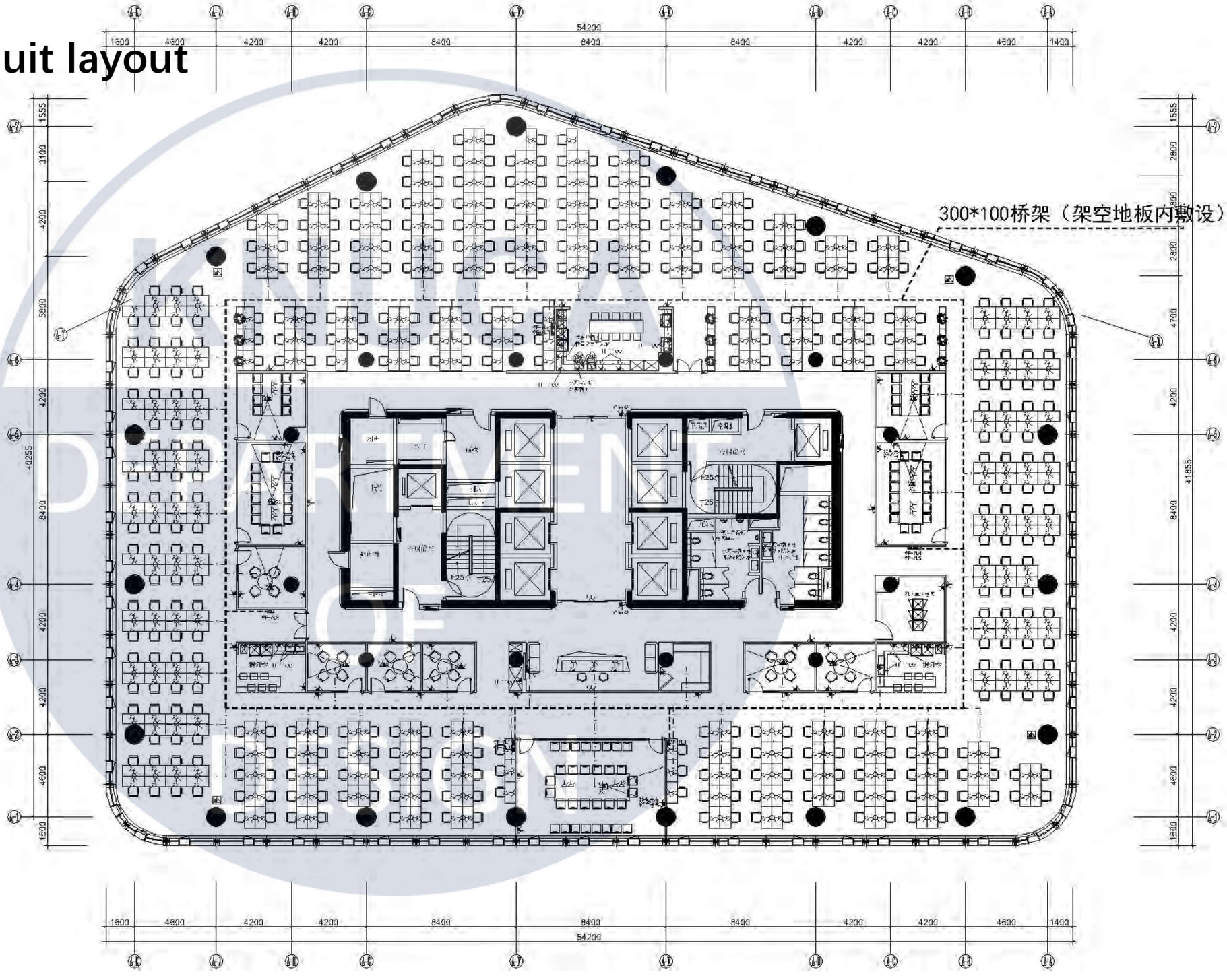
Lighting circuit arrangement plan



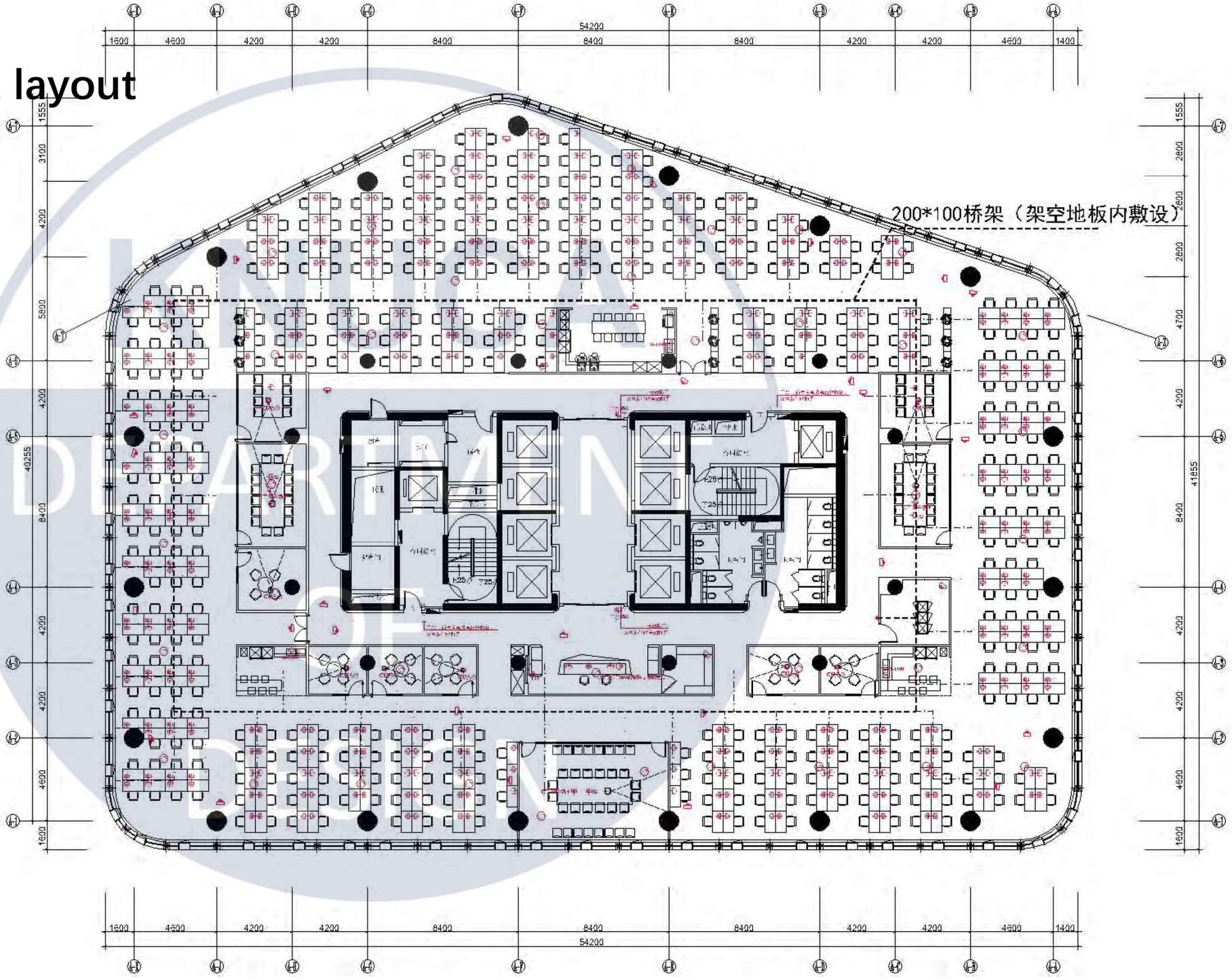
Outlet circuit arrangement plan



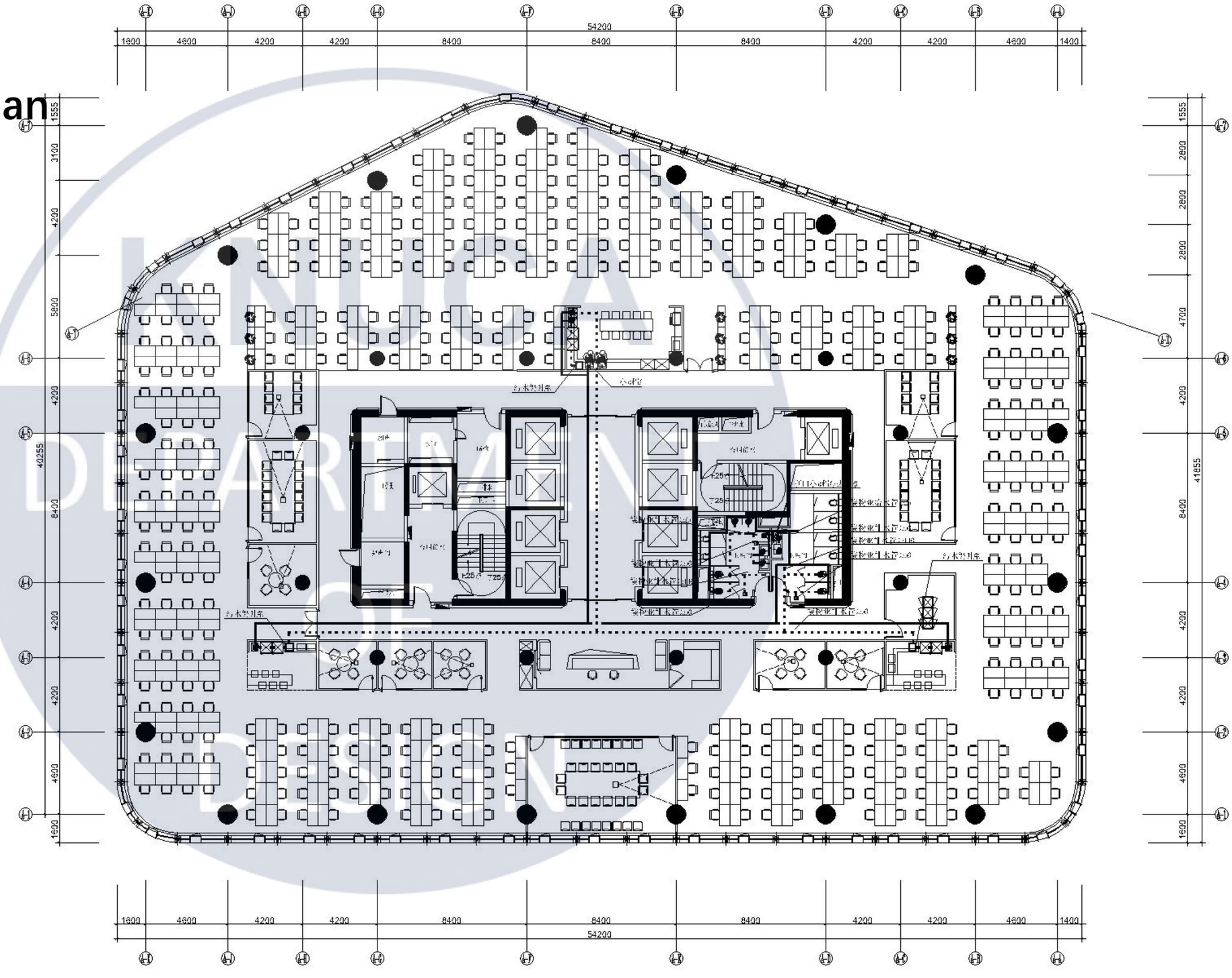
High voltage conduit layout



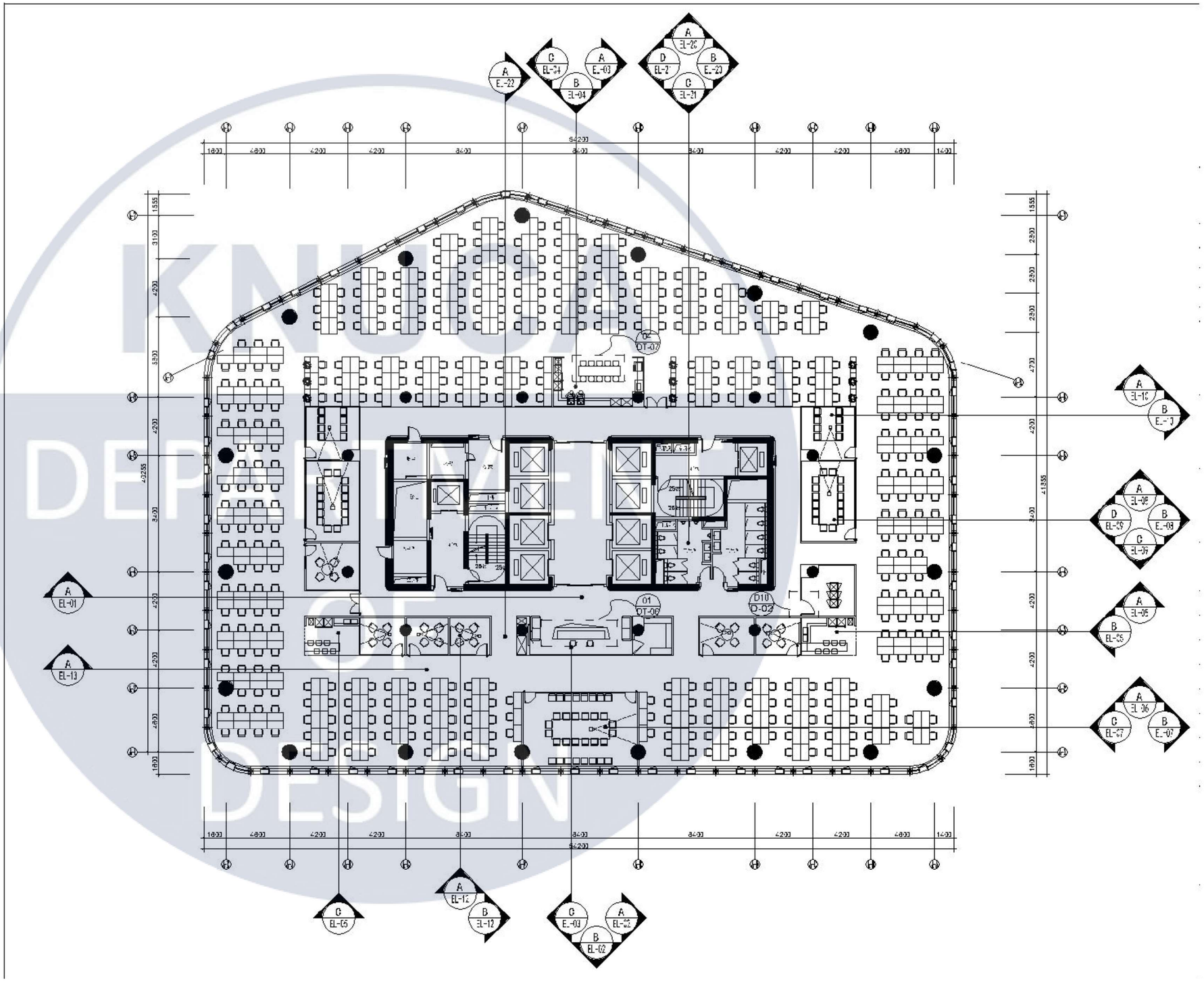
Low voltage conduit layout



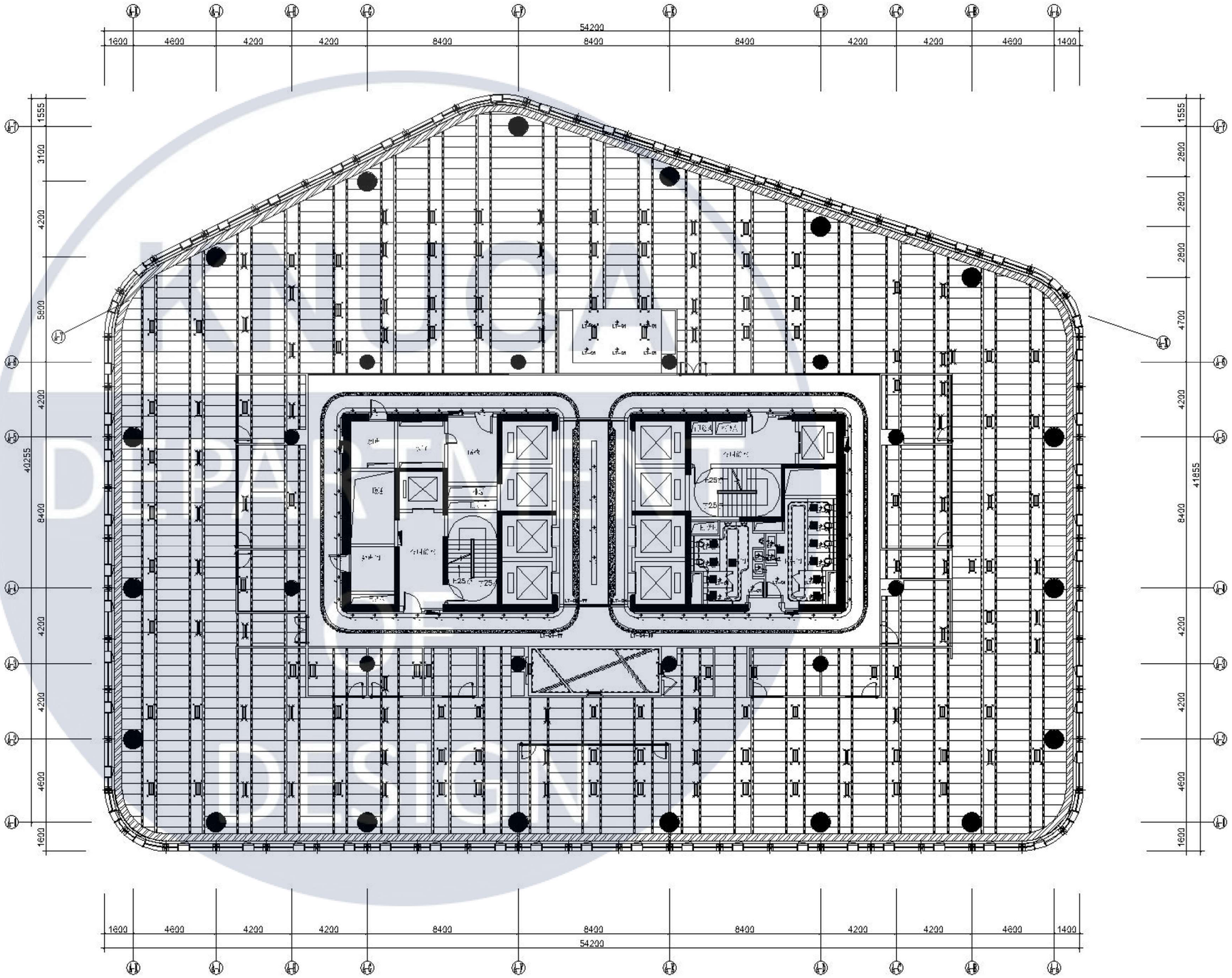
Water supply and drainage layout plan



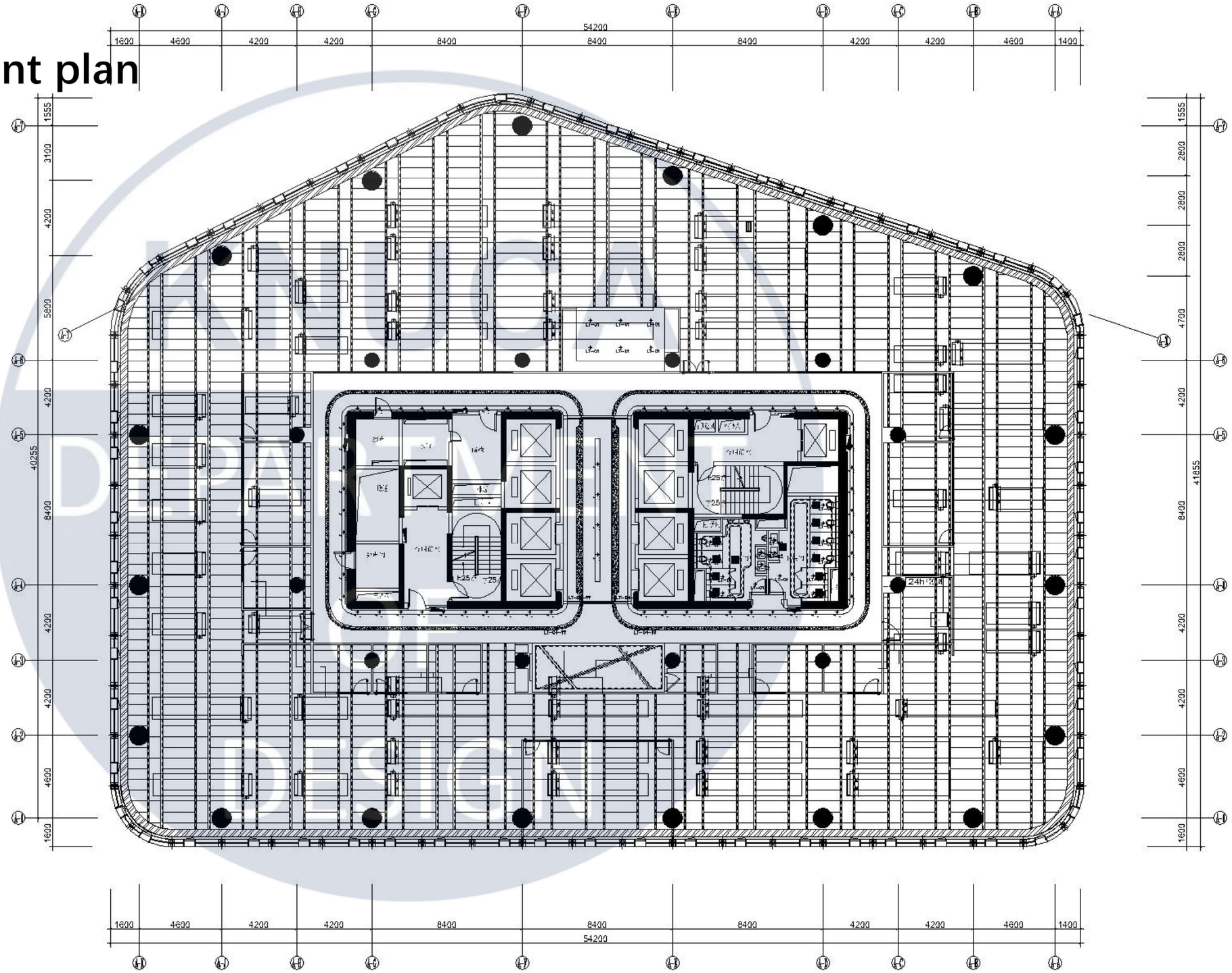
Facade index plan



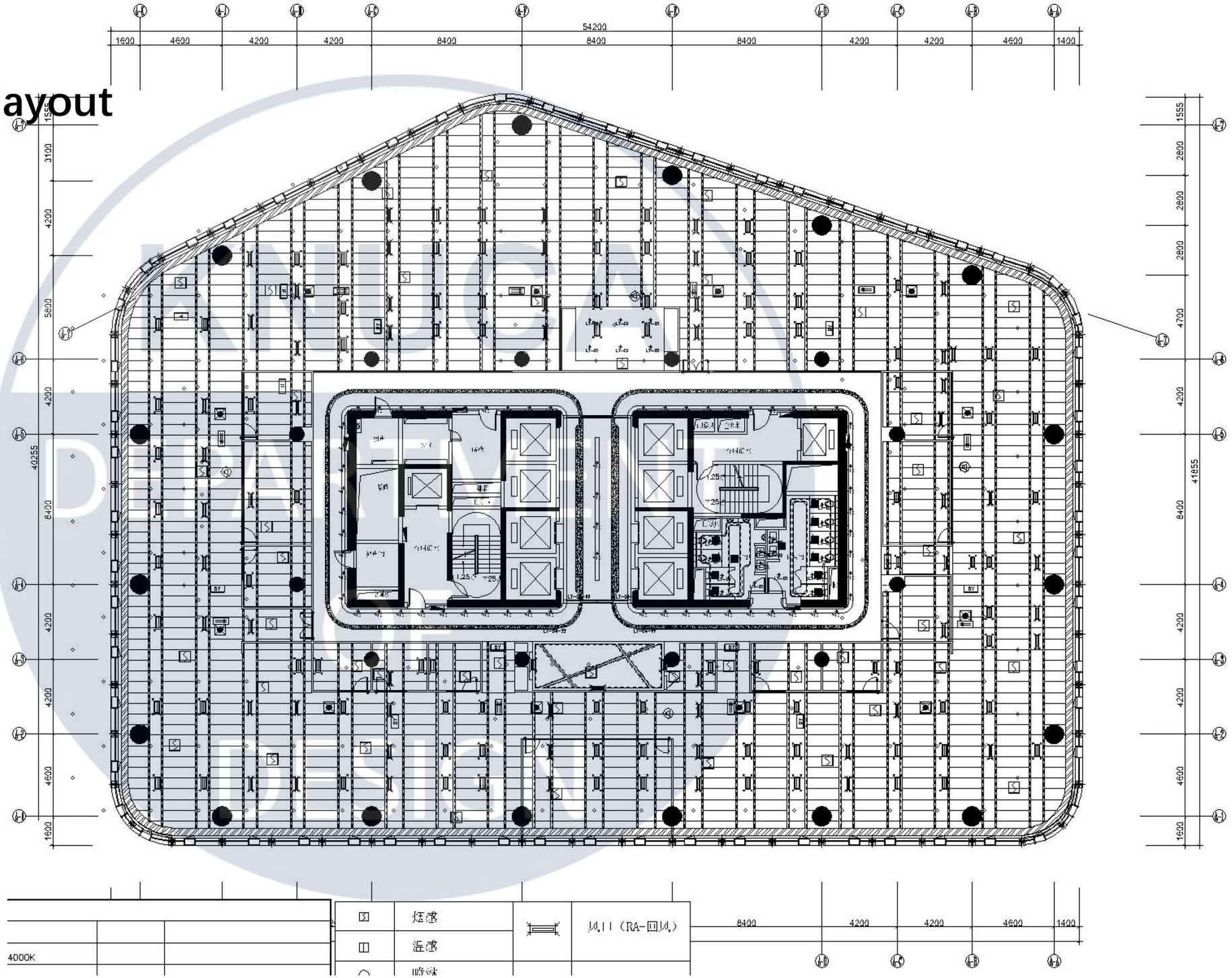
HVAC diffuser placement plan



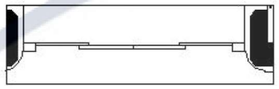
HVAC fan placement plan

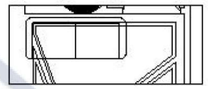


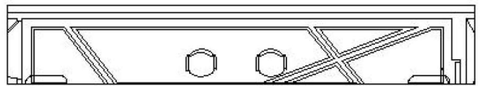
Integrated ceiling layout

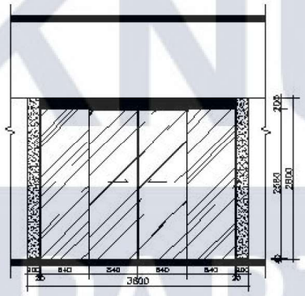


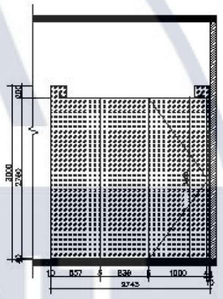
Facade drawing

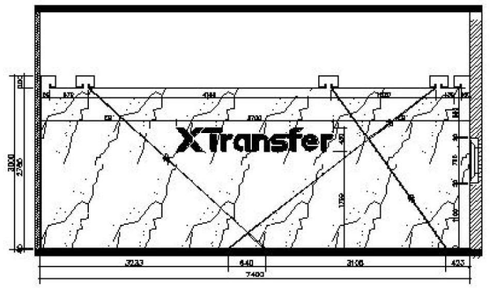


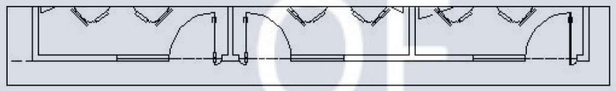


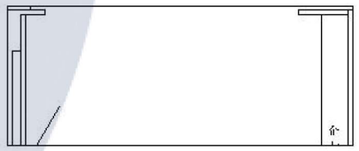


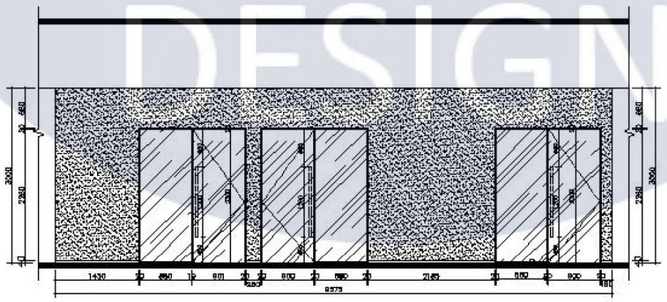


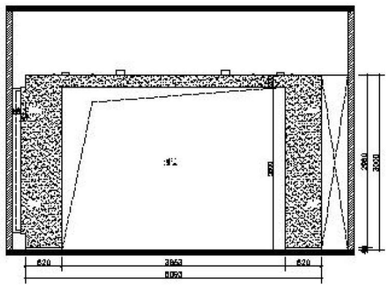






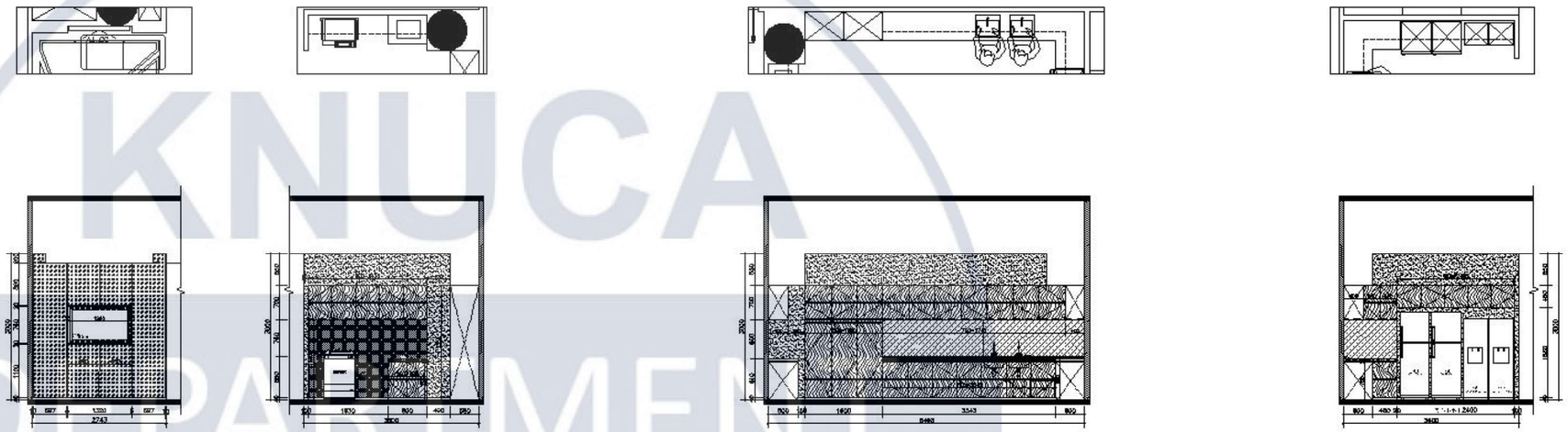


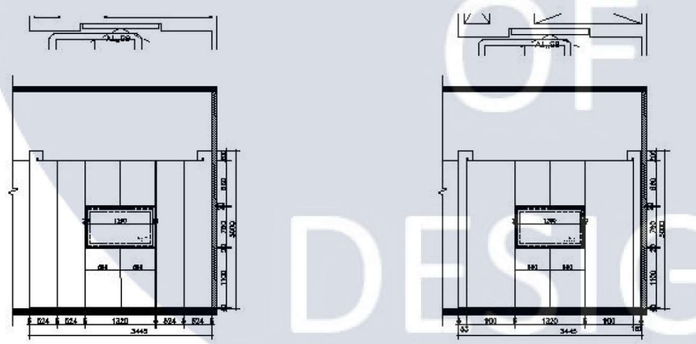




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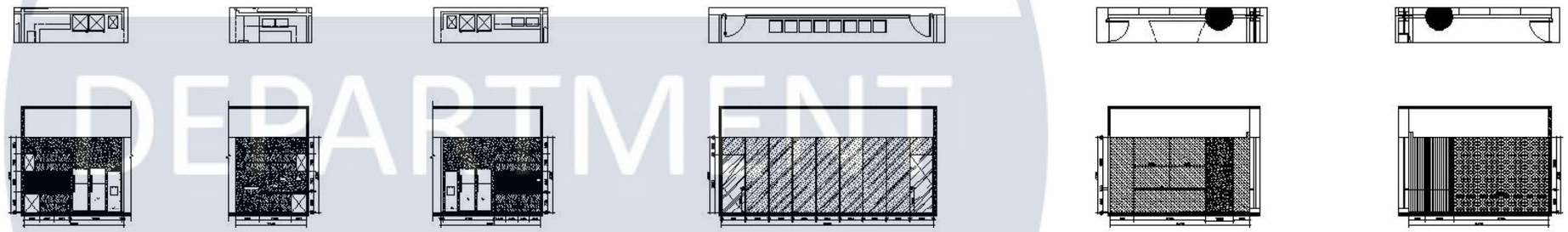
Facade drawing





KNUCA DEPARTMENT OF DESIGN

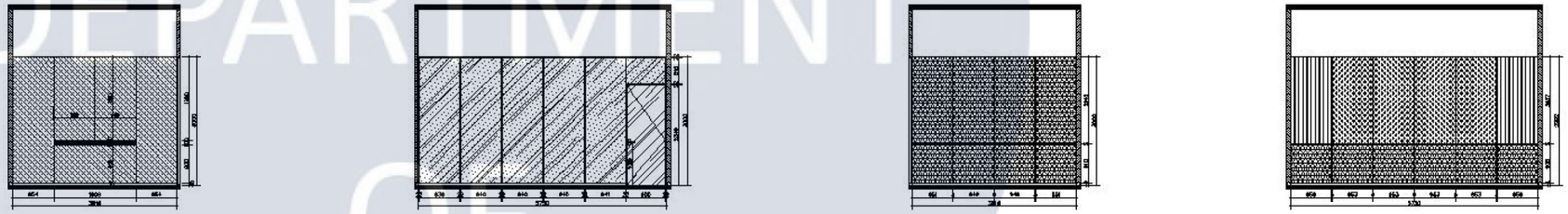
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Facade drawing

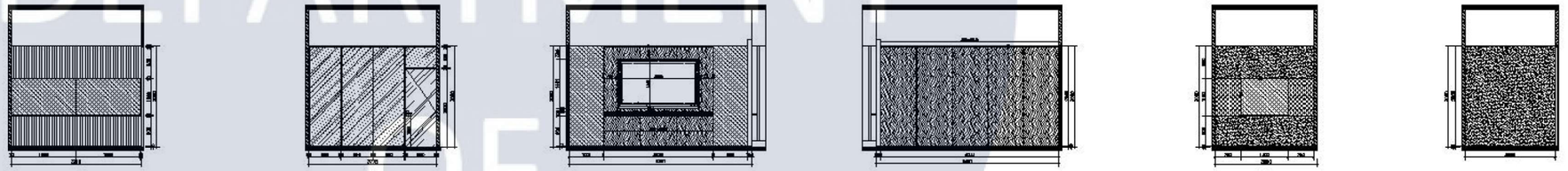




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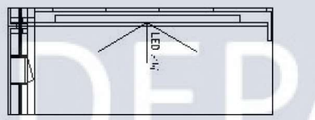
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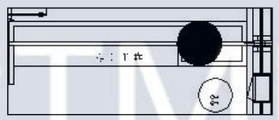


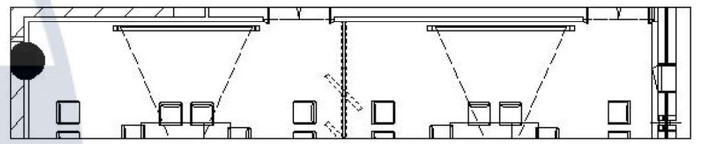


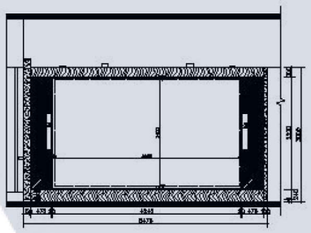
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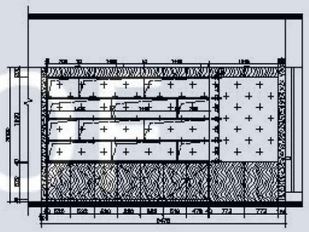
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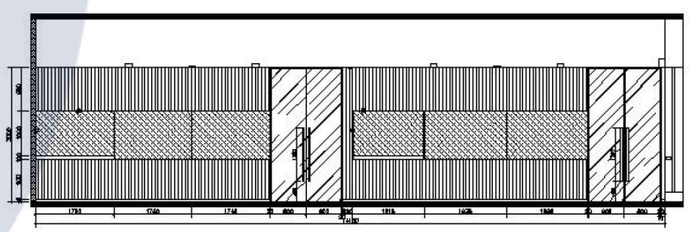






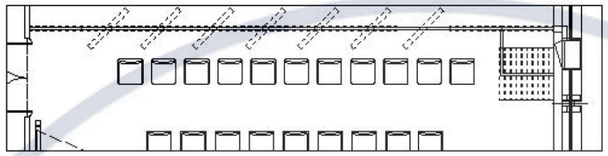


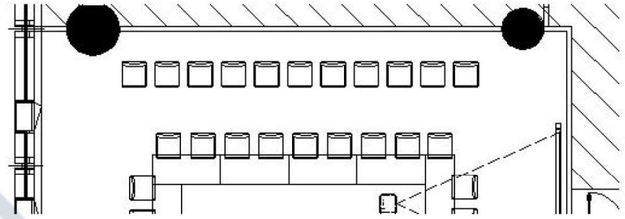


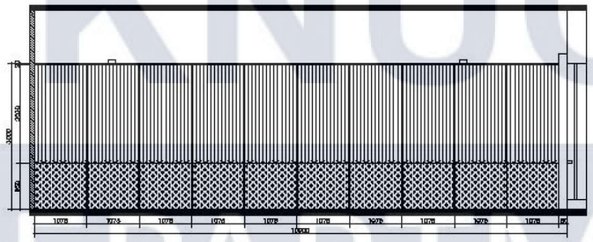


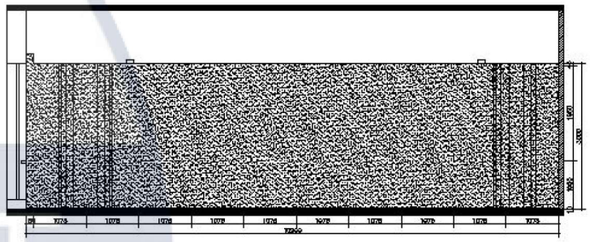
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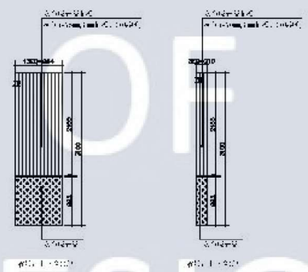
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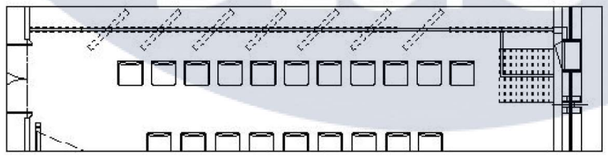






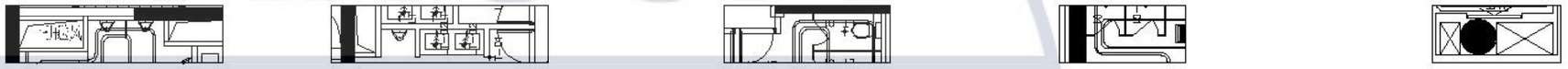


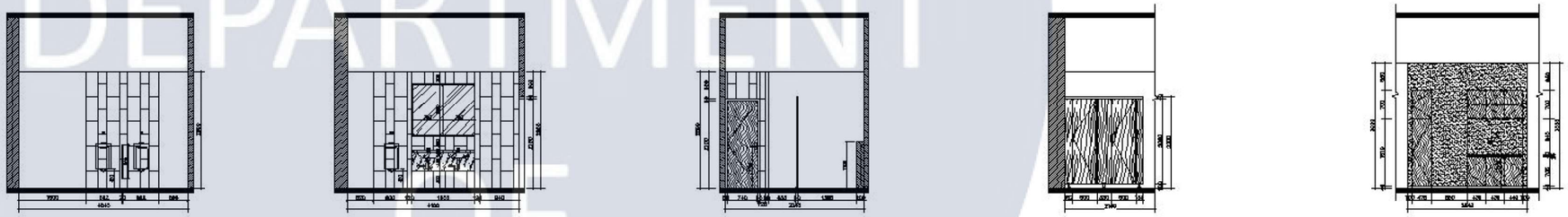




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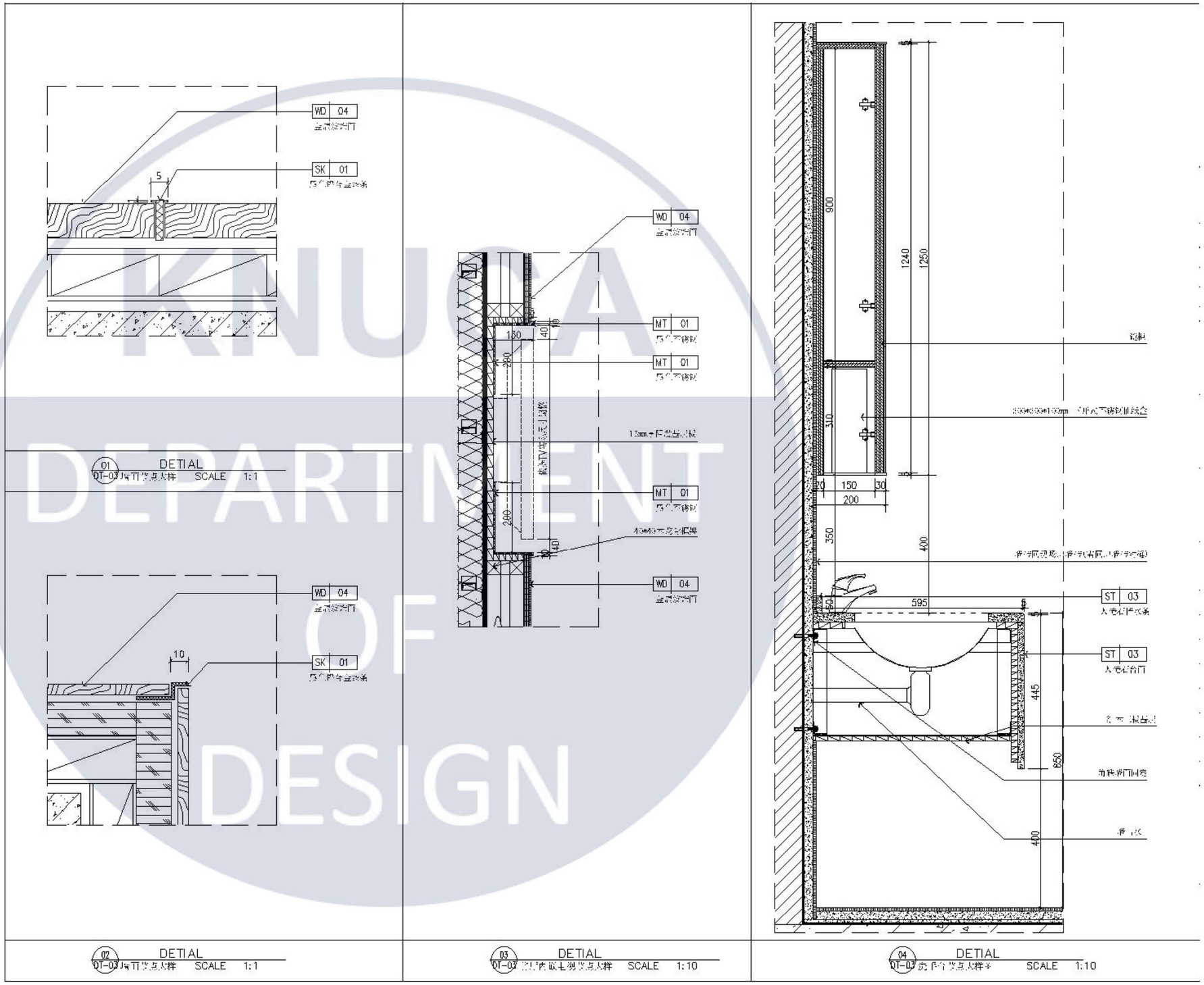
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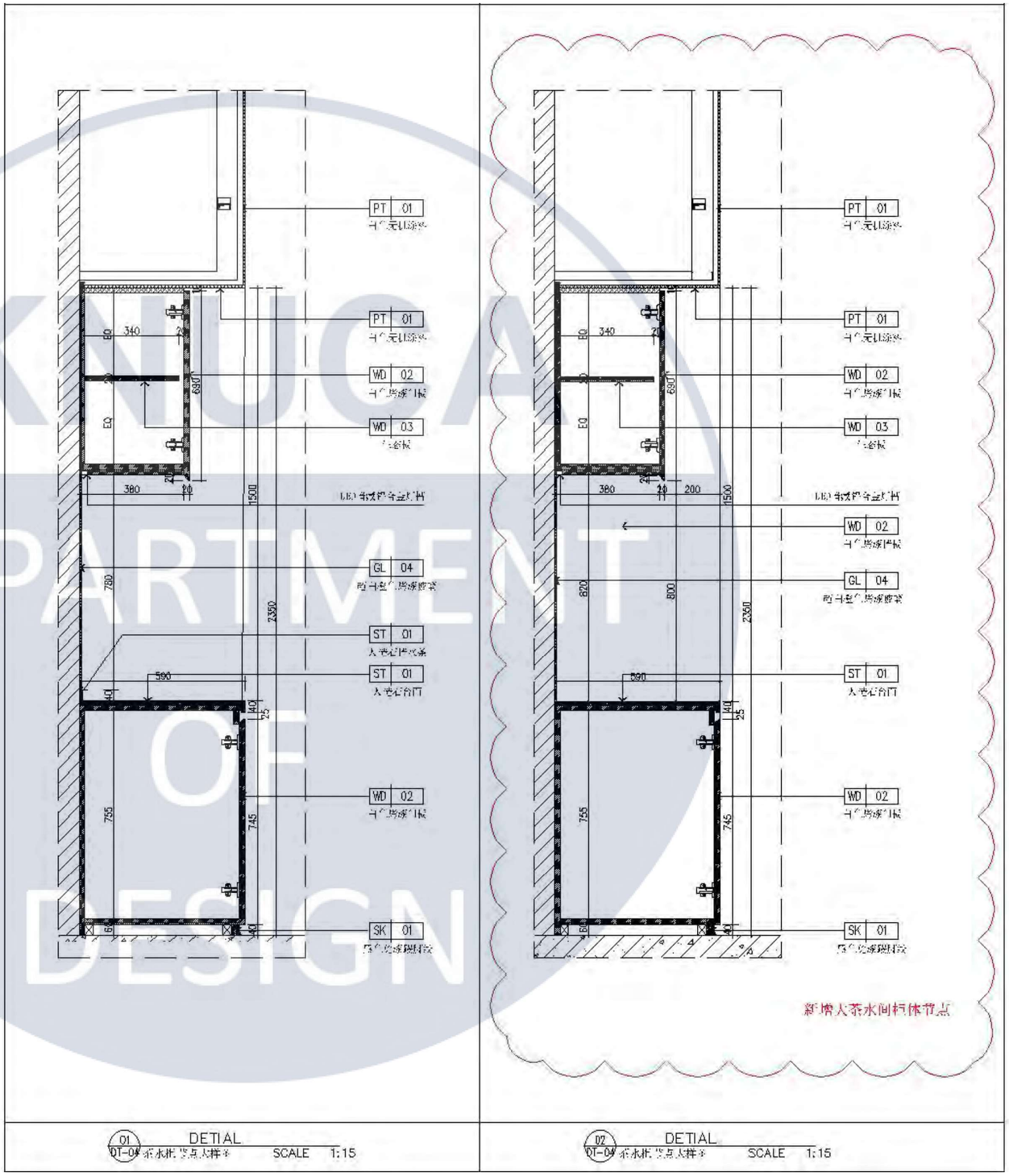
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Detail drawing



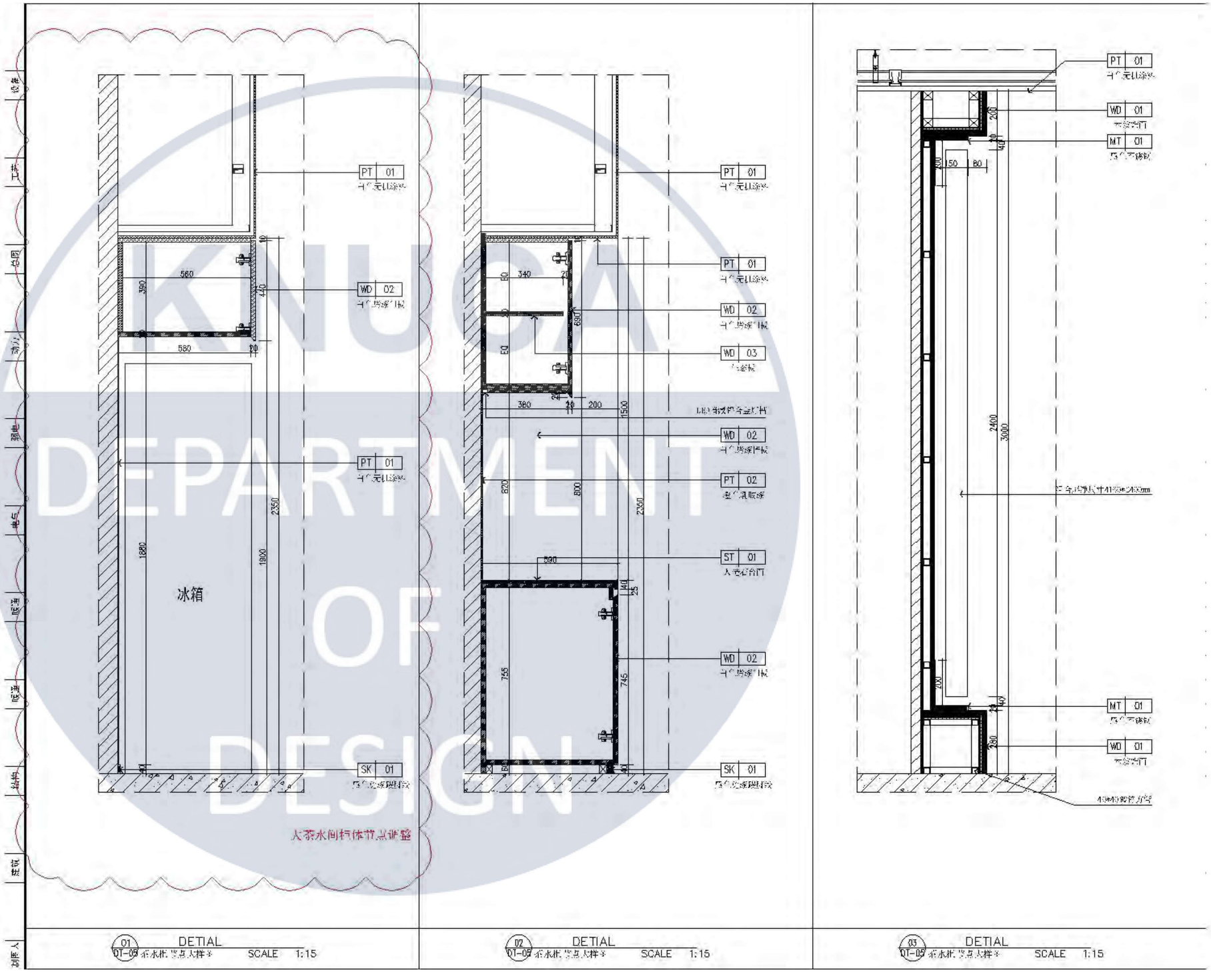
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Detail drawing

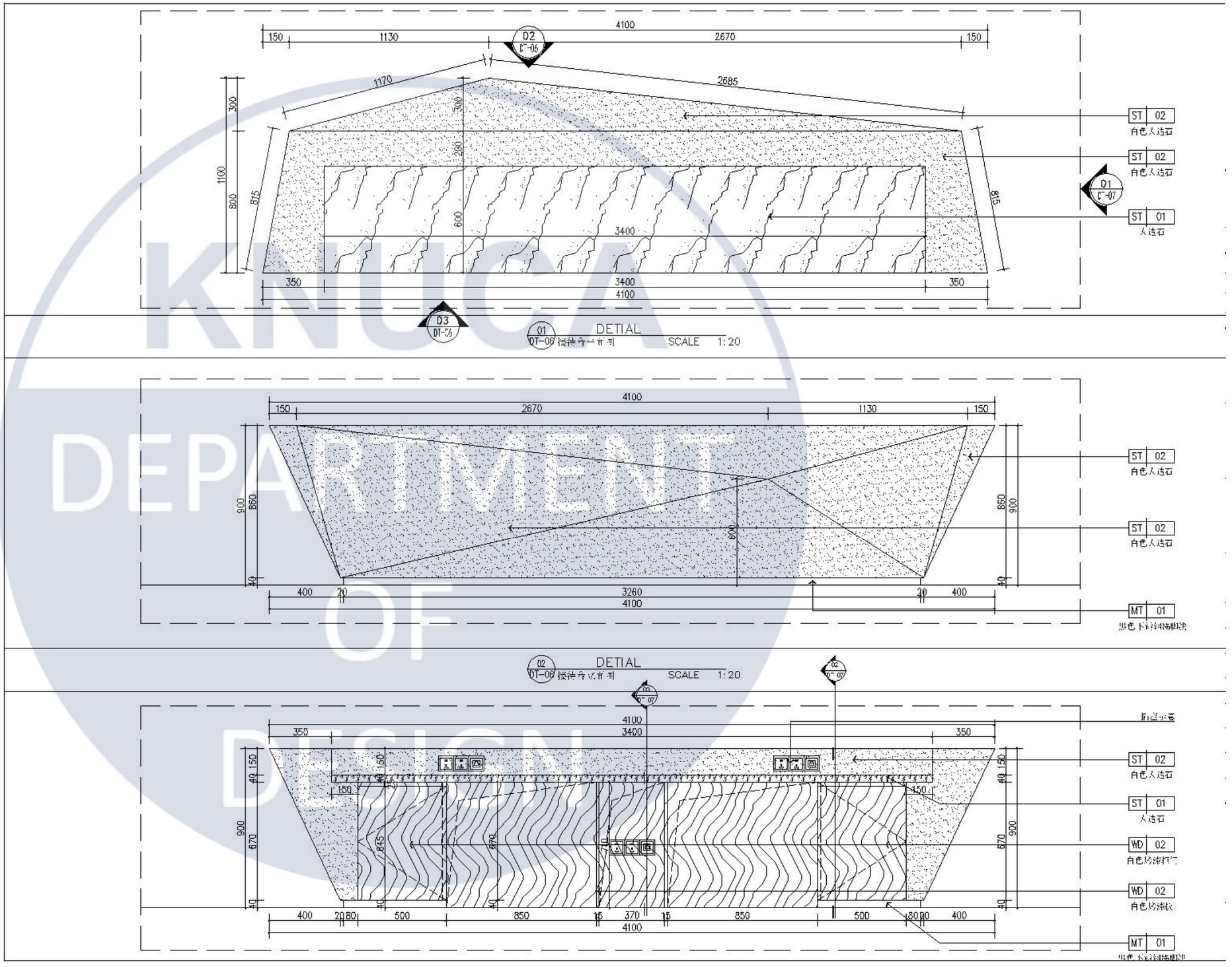


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Detail drawing

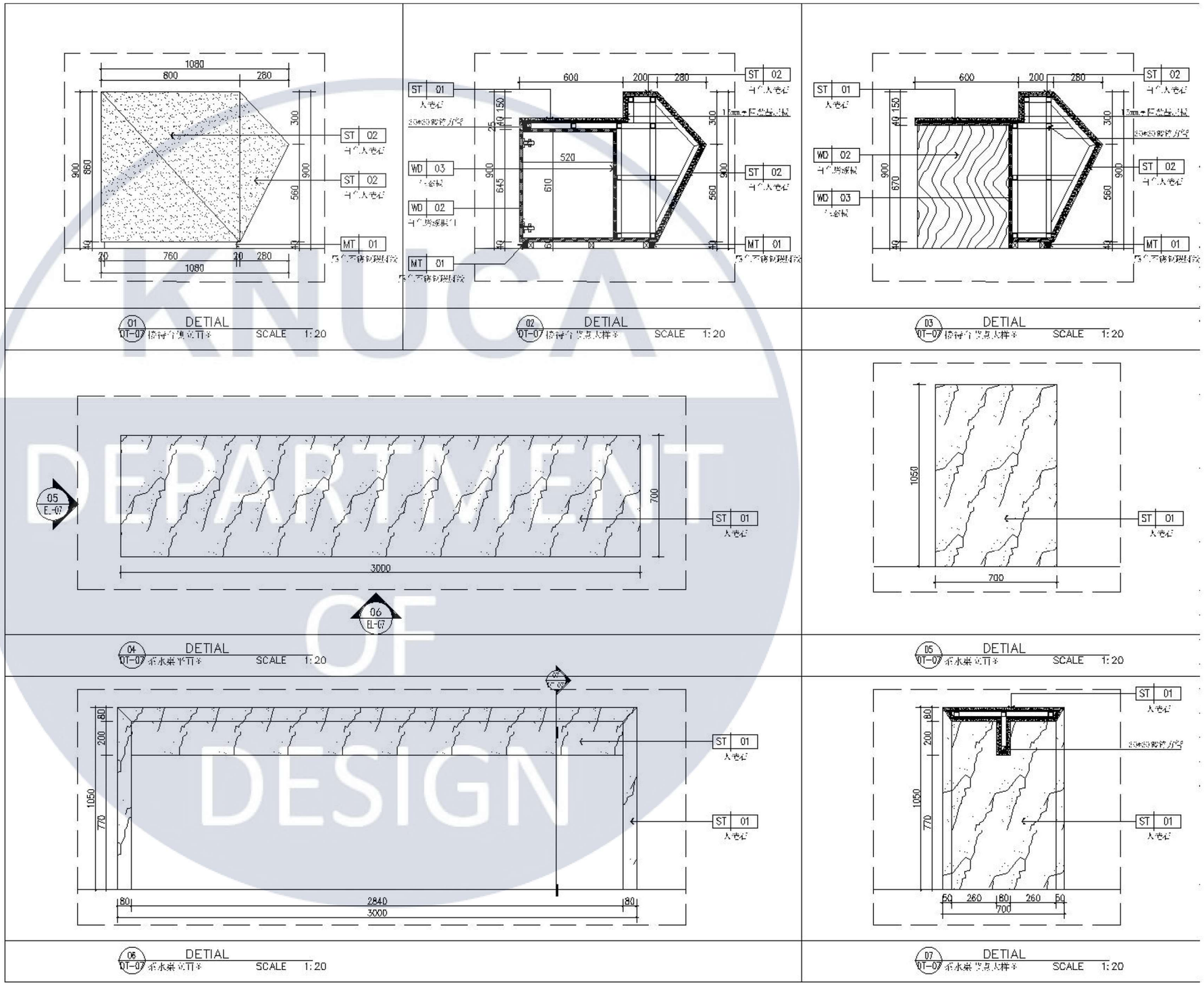


Detail drawing

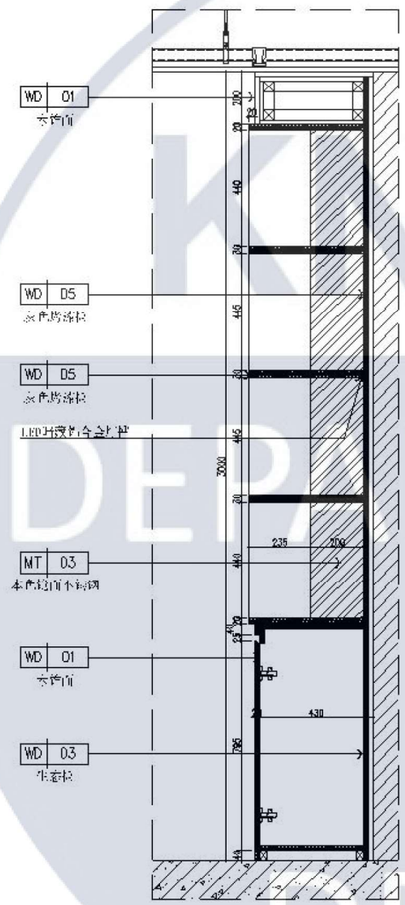


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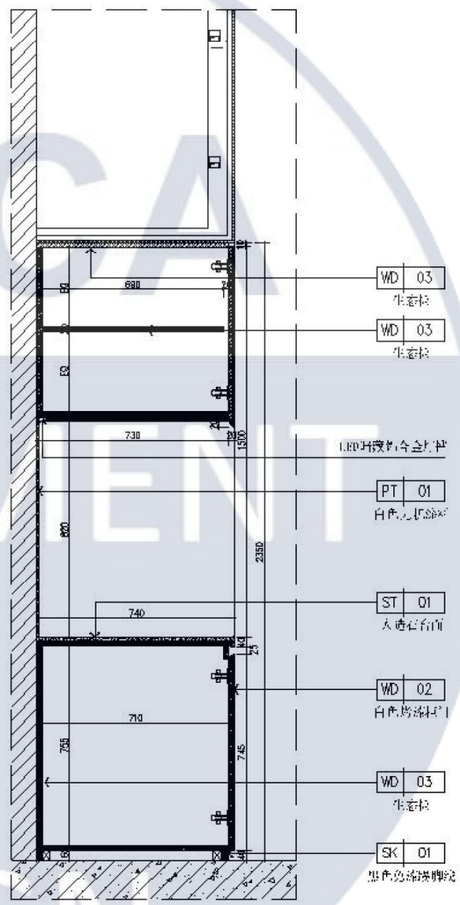
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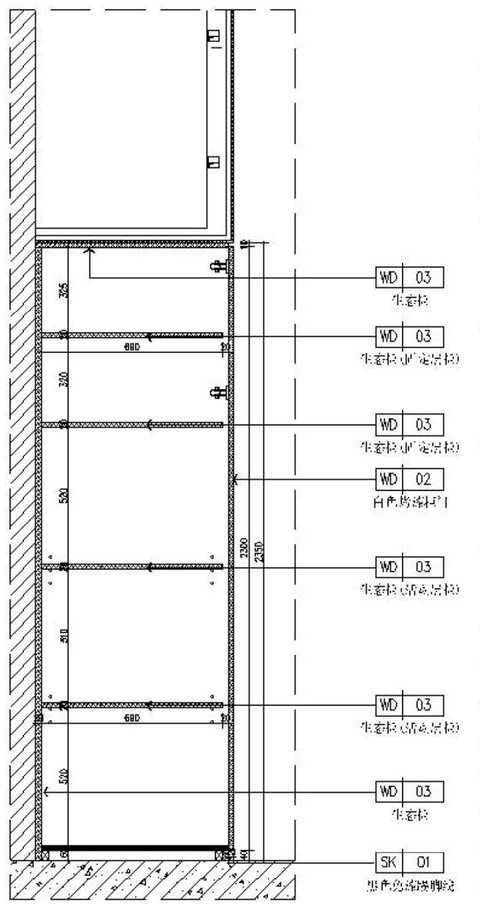
Detail drawing



01 DETIAL
DT-08 展厅展示柜节点大样 ⑧ SCALE 1:20



02 DETIAL
DT-08 展厅展示柜节点大样 ⑧ SCALE 1:20



03 DETIAL
DT-08 展厅展示柜节点大样 ⑧ SCALE 1:20

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XTransFer
中国B2B外贸金融第一平台
卖家的信赖之选
30
400,000+
260,000+
200+


30
400,000+
260,000+
200+



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OF
DESIGN


XTransfer
中国B2B外贸金融第一平台
卖家的信赖之选
30
400,000+
260,000+
200+
XTransfer
让全球中小企业惠享金融服务


XTransfer
中国B2B外贸金融第一平台
卖家的信赖之选
30
400,000+
260,000+
200+
XTransfer
让全球中小企业惠享金融服务


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道第一平台
之选
60,000+


research
business
30
400,000+
260,000+
200+


XTransfer
30
200+
research
business
vision
DEPARTMENT

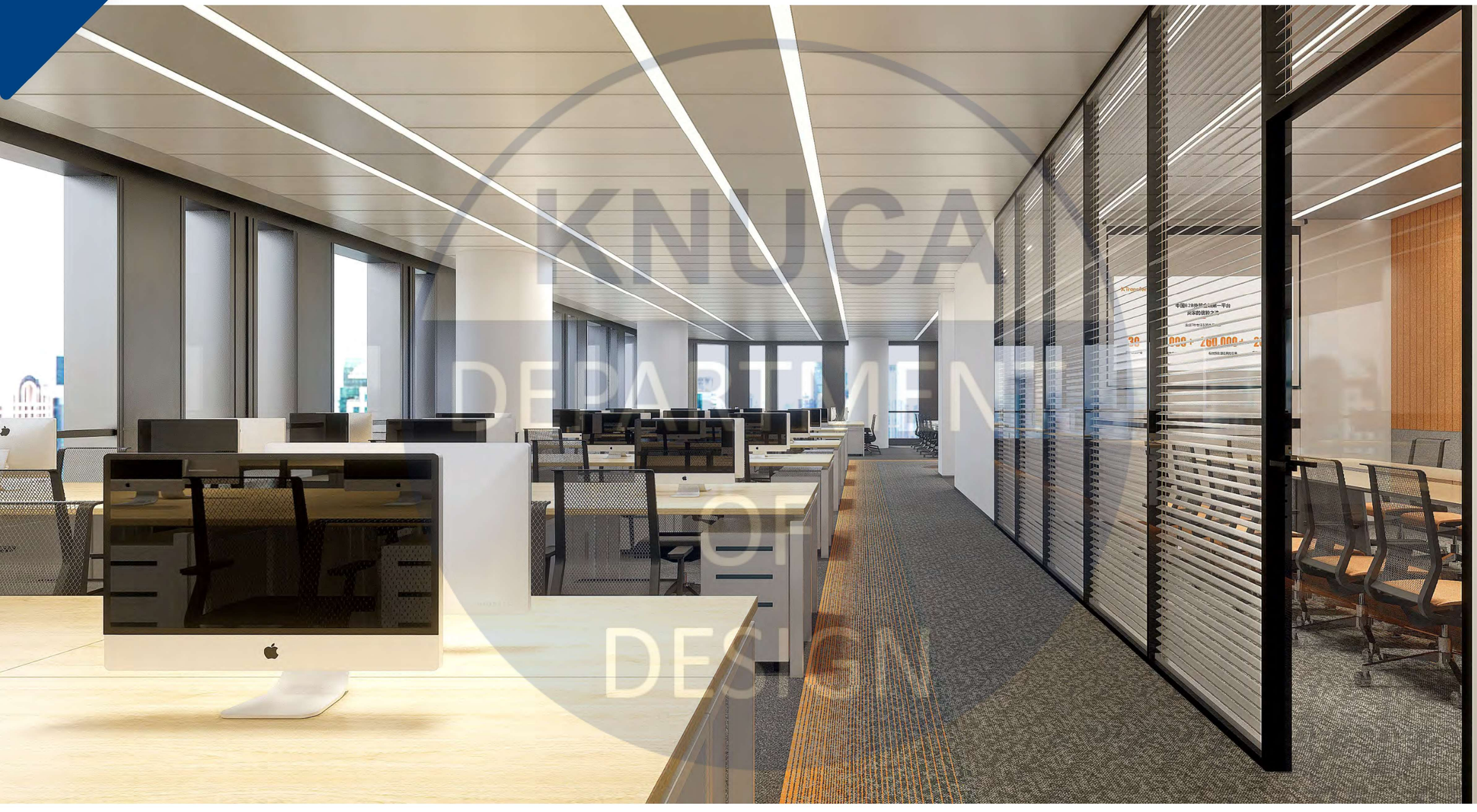


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LOTS OF CHECKBOXES
STAND A LITTLE
US JAN
BIGGER
PIE.
FEWER
SLICES. ?



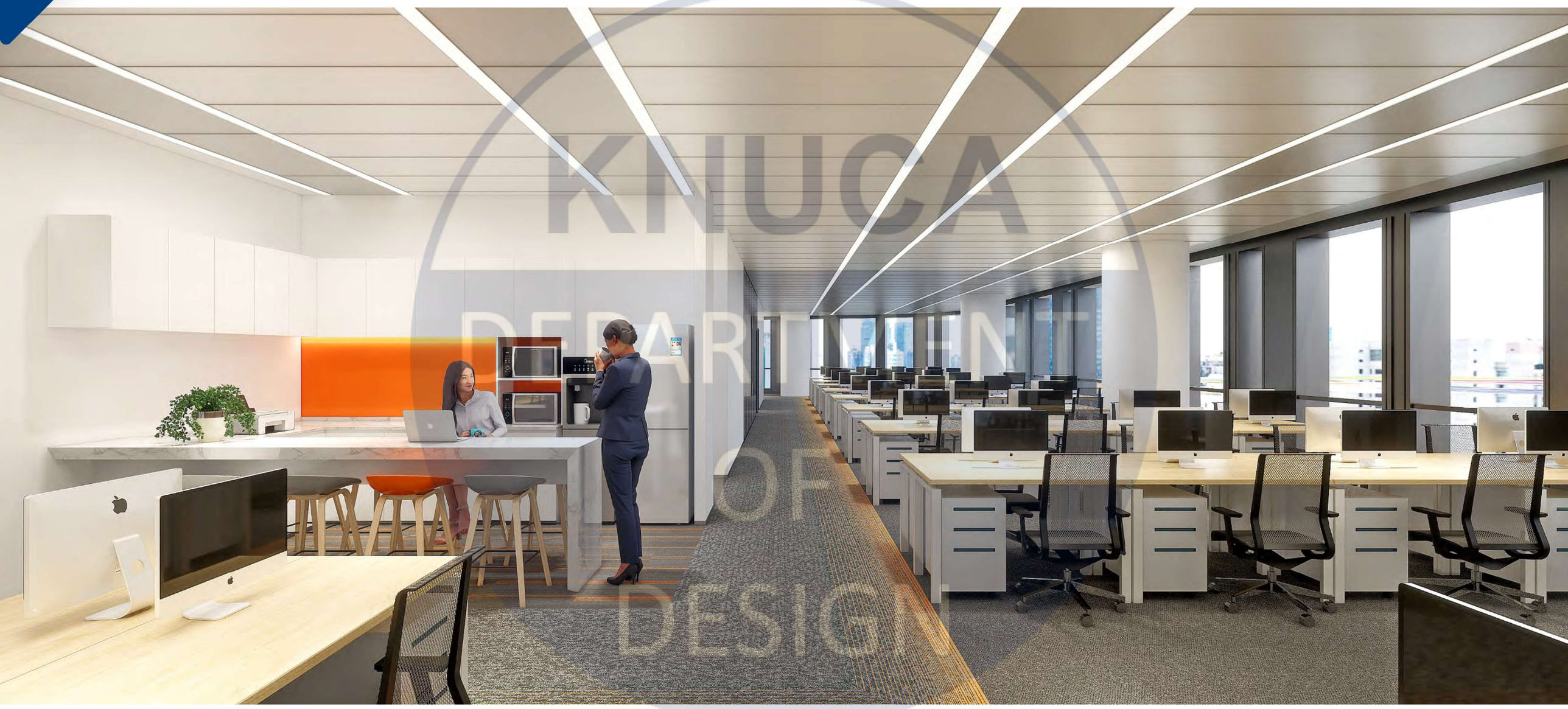
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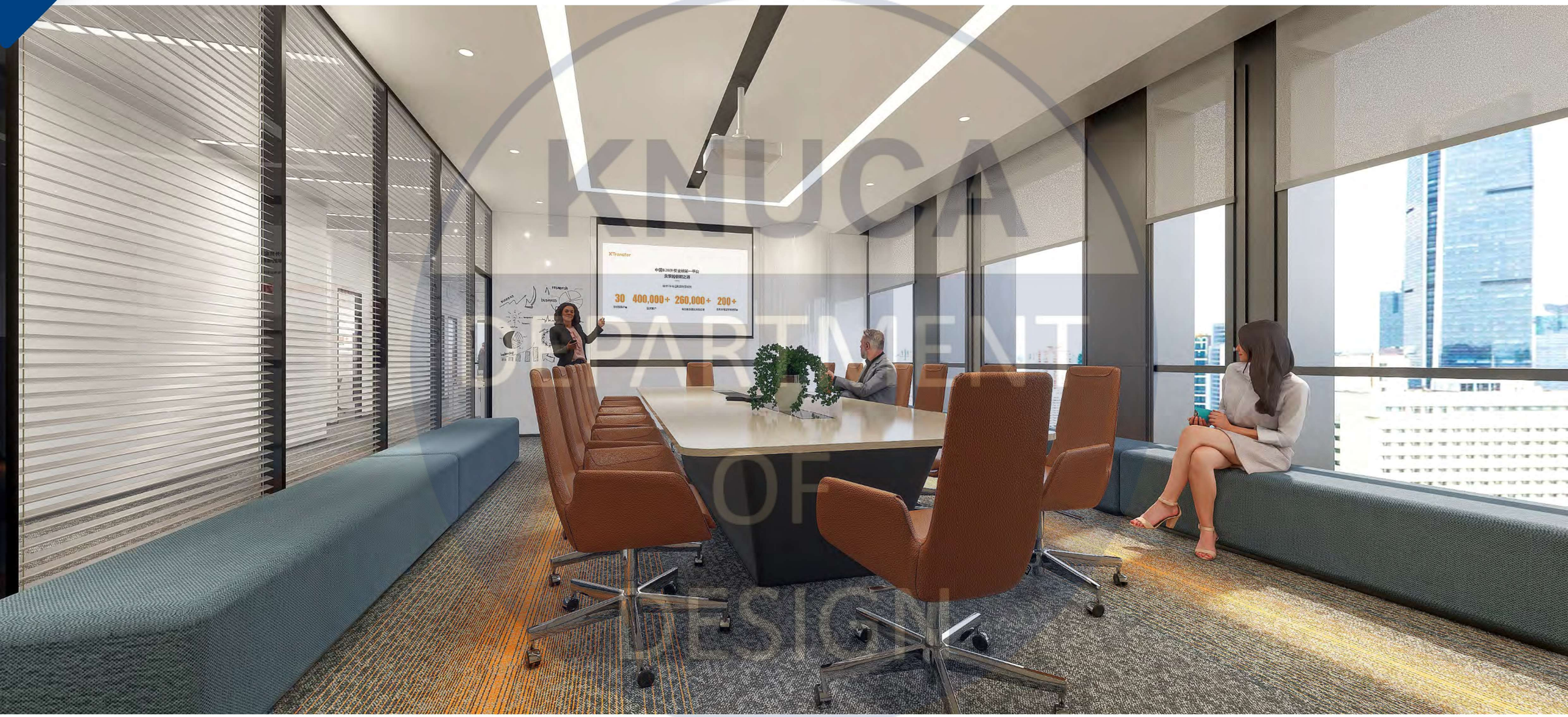







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2024

Thank you



Presenter: Хуань Дун

Time: 2024.11

2024 DESIGN

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