

LAYOUT PLAN

1F平面布置图 SCALE 1:30

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■ Project:

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项目:

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■ Drawing Name:

图名:

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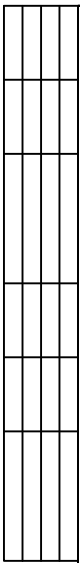
比例: 1:1

■ Drawing Title:

图别:

■ Drawing No.:

图号:



图号:

The diagram is a detailed ceiling plan for a rectangular room. The overall dimensions are 9800mm in width and 4200mm in depth. The room is divided into a grid of 12 columns and 8 rows. The grid dimensions are as follows:

- Column widths (from left to right): 1182, 1202, 800, 1202, 1202, 800, 1202.
- Row depths (from top to bottom): 1280, 880.

Key features and annotations include:

- 600*600 铝扣板吊顶**: Aluminum扣板 ceiling.
- 天窗**: Skylight, located in the center of the room.
- 预留空调控制面板线头 距离地面1250**: Reserved air conditioning control panel wiring terminal, 1250mm from the ground.
- 2850**: Elevation marker, indicating the ceiling height.
- 8000**: Total width of the room.
- 9800**: Total depth of the room.
- 150**: Distance from the wall to the first grid line.
- 750**: Distance from the wall to the last grid line.

说明：

- 1、强弱电面板高度以插座底沿为高度标准，除图注明外，面板下缘距地300mm, 具体尺寸以立面图纸为准
- 2、特殊高度面板在立面图中做调整并做标注。
- 3、厨房和卫生间为防水插座，具体尺寸以立面图纸为准。
- 4、特殊台面上安装开关及插座的，距台面以上100。

COMPREHENSIVE CEILING PLAN

1F综合天花图 SCALE 1:30

- 5、墙体室内挂机空调插座的，吊顶以下150。
- 6、开关面板高度以插座底沿为高度标准，
图中未注明的面板高度为1300mm，具体尺寸以立面图纸为准
- 7、特殊高度面板在电气图中做调整并做标注。

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■ Drawing Name: 图名:
■ Scale: 比例: 1:1
■ Drawing Title: 图别:
■ Drawing No.: 图号:

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说明：

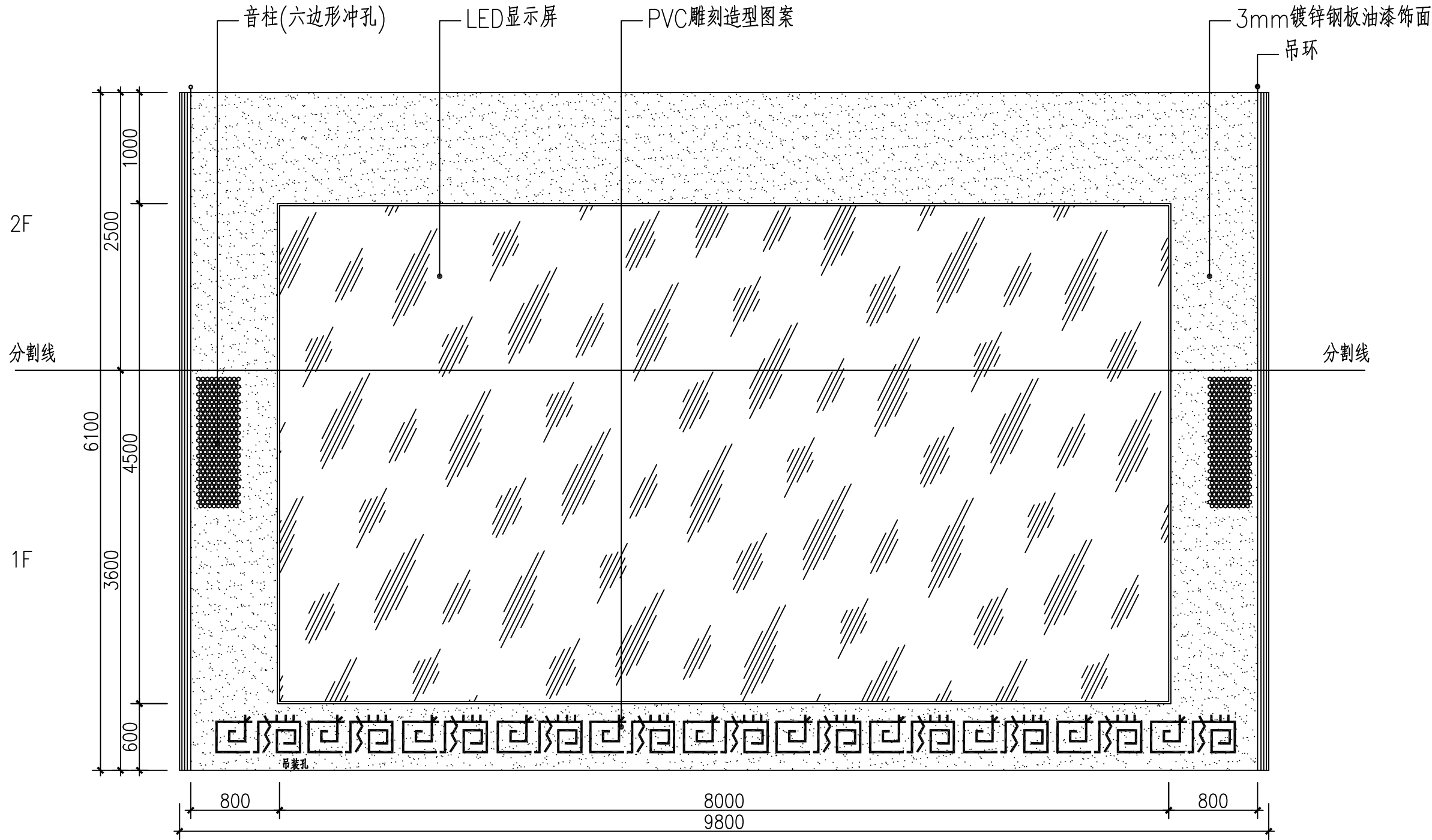
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- 4、特殊台面上安装开关及插座的，距台面以上100。

COMPREHENSIVE CEILING PLAN

1F电器连线图 SCALE 1:30

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图中未注明的面板高度为1300mm，具体尺寸以立面图纸为准
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ELEVATION

A/C立面图 SCALE 1:40

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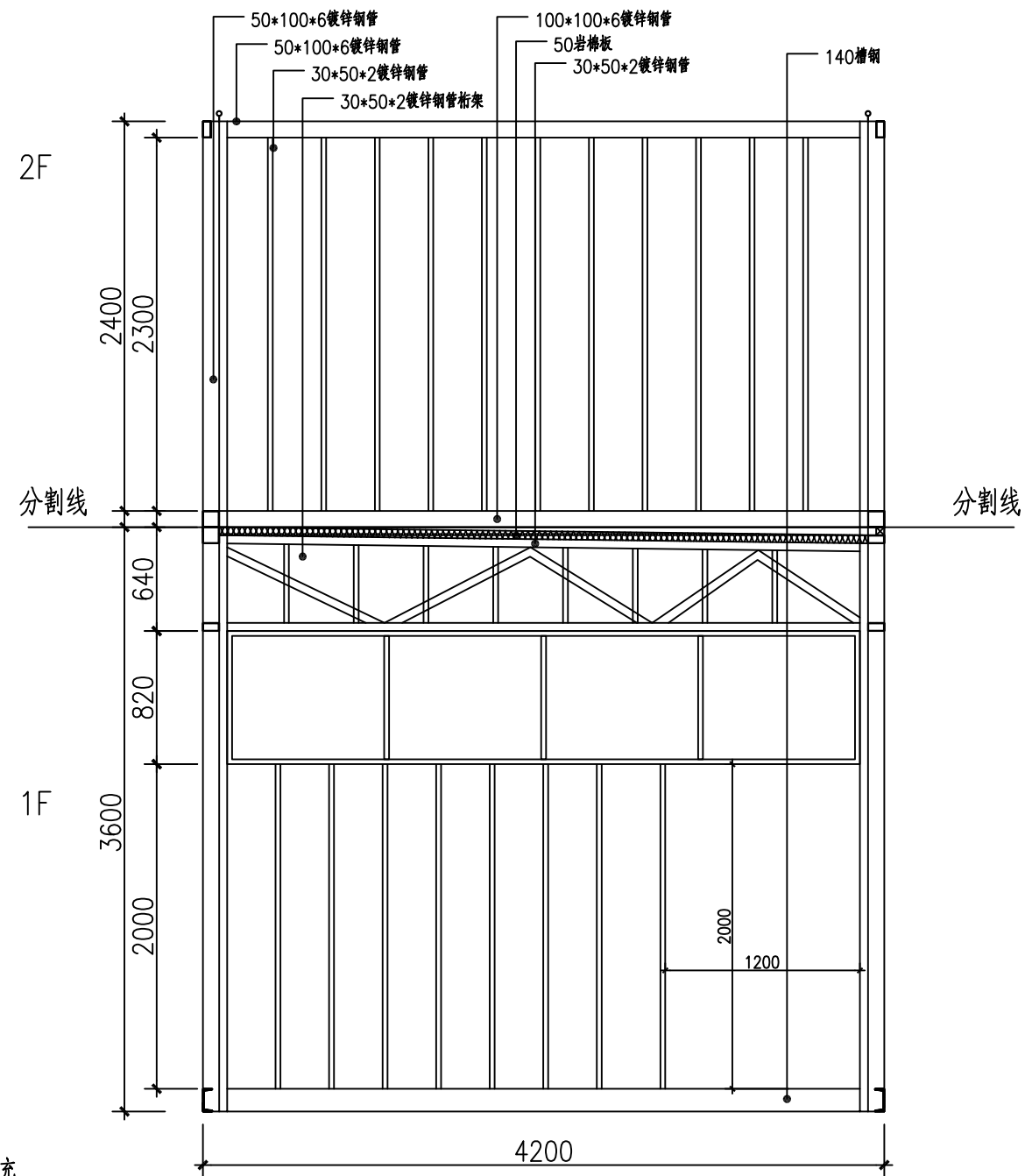
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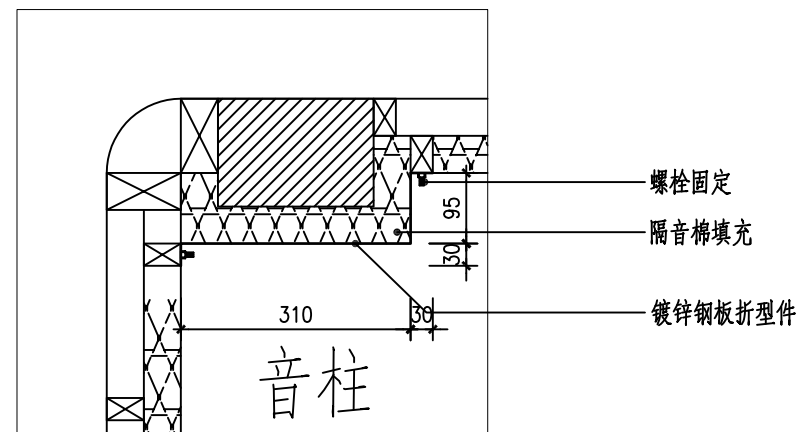
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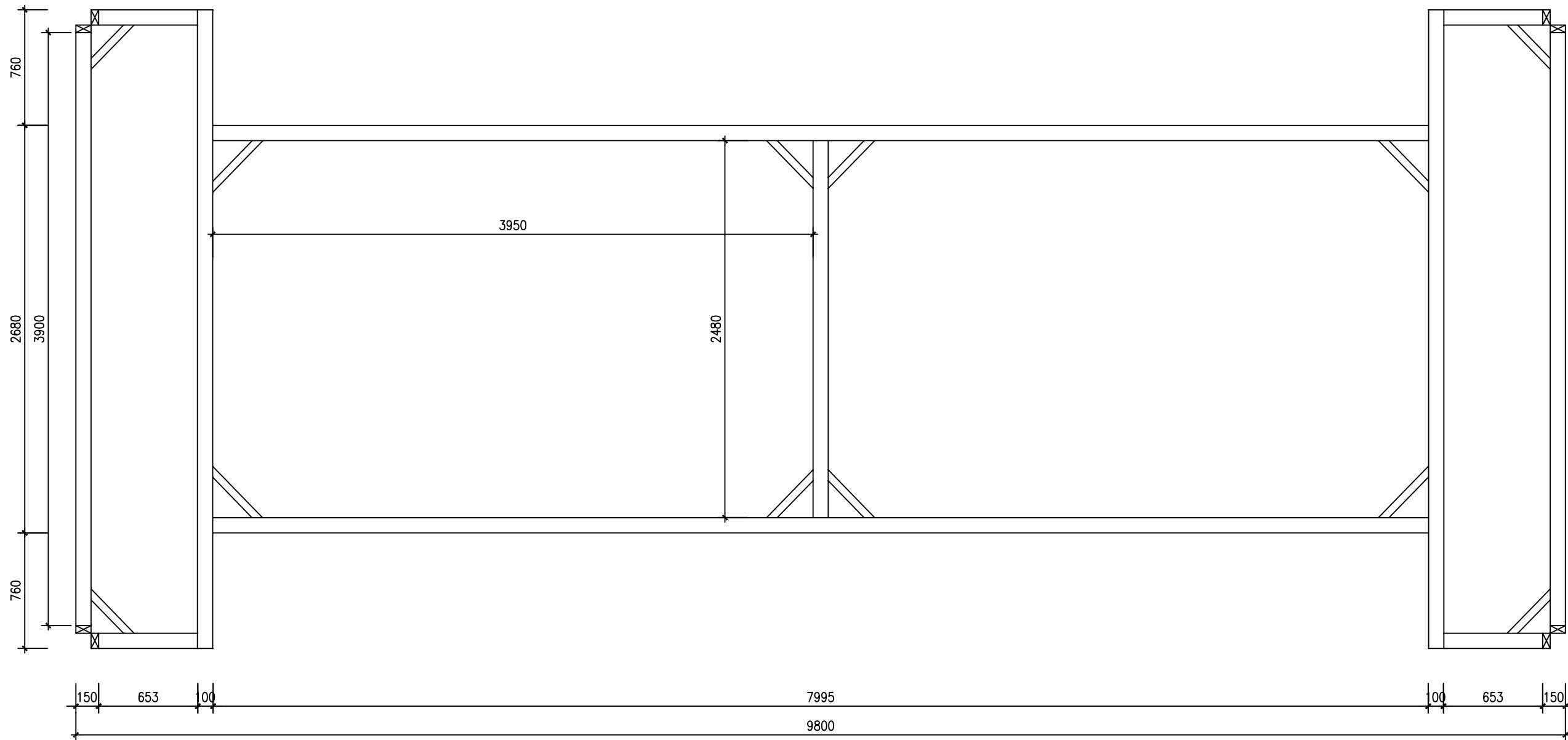
ELEVATION
B立面图 SCALE 1:30



DETAIL

大样图1 SCALE 1:10

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LAYOUT PLAN

2F100方钢管底盘图 SCALE 1:30

Technical drawing of a rectangular frame structure, likely a window or door frame, showing dimensions and structural details.

Dimensions:

- Overall Width:** 9800
- Overall Height:** 3600
- Internal Width (Left to Right):** 903, 3970, 4025, 903
- Internal Height (Top to Bottom):** 150, 3300, 150

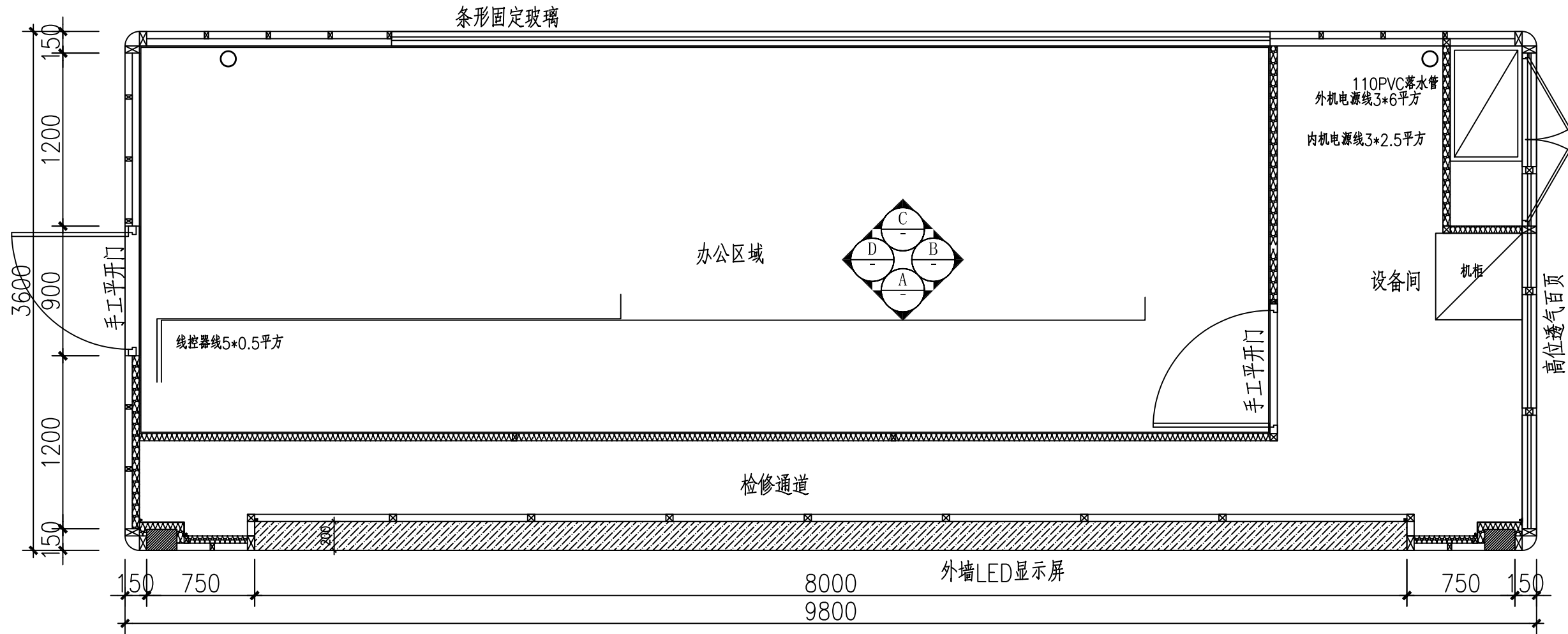
Structural Details:

- The structure consists of a main rectangular frame with internal vertical and horizontal dividers.
- Diagonal bracing is shown in the four corner panels.
- Thick black lines indicate structural reinforcement or specific material sections at the corners and along the internal dividers.
- Small square symbols at the corners and intersections likely represent fasteners or joints.

LAYOUT PLAN

1F14#槽钢底盘图 SCALE 1:30

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1F平面布置图 **SCALE 1:30**

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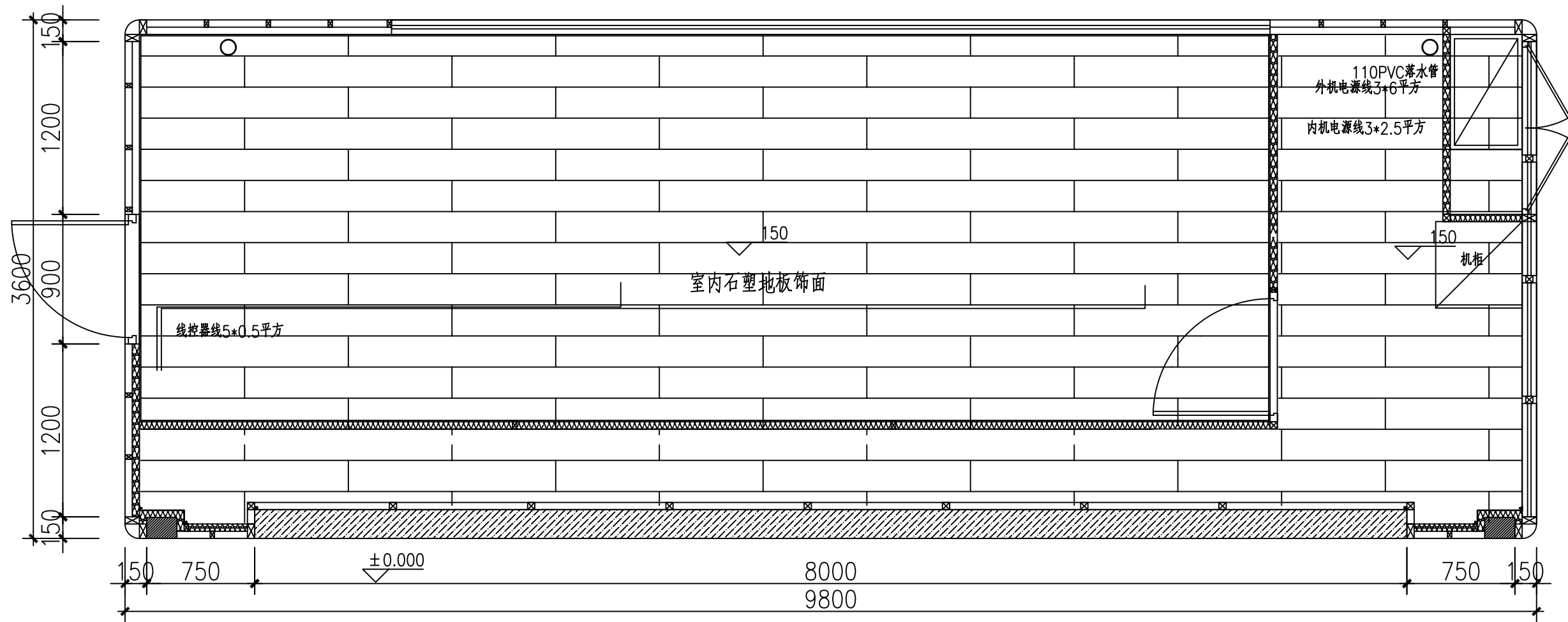
比例: 1:1

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FLOOR COVERING PLAN
1F地坪饰面图 SCALE 1:30

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Architectural floor plan of a room with dimensions and equipment layout. The room is 9800mm wide and 3600mm high. The plan shows a grid system with dimensions 150, 750, 8000, 750, 150 horizontally and 150, 1200, 900, 1200, 150 vertically. Key features include:

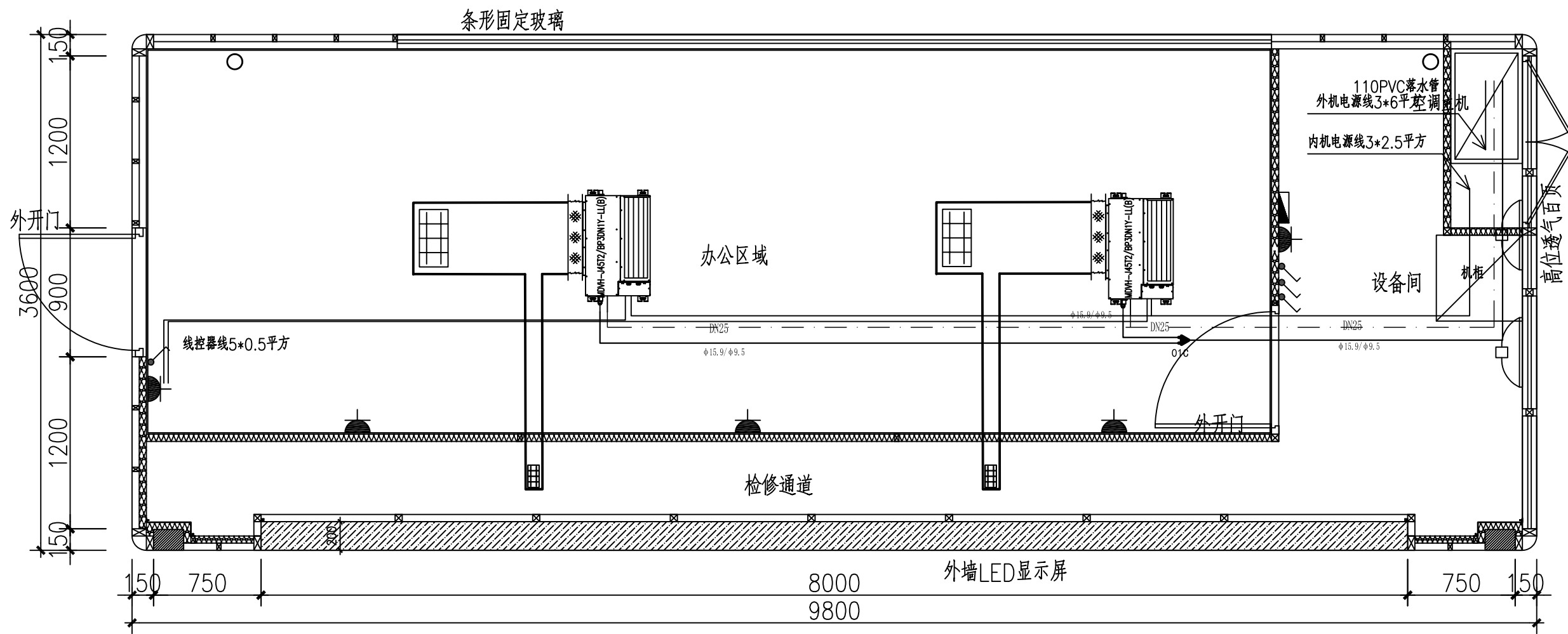
- Dimensions:** Total width 9800mm, total height 3600mm. Internal grid dimensions: 150mm, 750mm, 8000mm, 750mm, 150mm horizontally; 150mm, 1200mm, 900mm, 1200mm, 150mm vertically.
- Equipment and Layout:**
 - Line Controller:** 线控器 5*0.5平方 (Line Controller 5*0.5 square).
 - Pre-emptive Air Conditioning Control Panel:** 预留空调控制面板线头 距离地面1250 (Pre-emptive air conditioning control panel wire head 1250mm from ground).
 - 600*600 Aluminum Snap-on Ceiling:** 600*600 铝扣板吊顶.
 - 300 Plastic Steel Snap-on Ceiling:** 300 塑钢扣板吊顶.
 - External Power Line:** 外机电源线 3*6平方 (External power line 3*6 square).
 - Internal Power Line:** 内机电源线 3*2.5平方 (Internal power line 3*2.5 square).
- Other Labels:** 2850, 2850, 2850 (likely indicating ceiling heights or distances).

1F电器连线图 SCALE 1:30

说明：

- | | |
|--|---|
| 1、强弱电面板高度以插座底沿为高度标准，
除图注明外，面板下缘距地300mm, 具体尺寸以立面图纸为准 | 5、墙体室内挂机空调插座的，吊顶以下150。 |
| 2、特殊高度面板在立面图中做调整并做标注。 | 6、开关面板高度以插座底沿为高度标准，
图中未注明的面板高度为1300mm, 具体尺寸以立面图纸为准 |
| 3、厨房和卫生间为防水插座，具体尺寸以立面图纸为准。 | 7、特殊高度面板在电气图中做调整并做标注。 |
| 4、特殊台面上安装开关及插座的，距台面以上100。 | |

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LAYOUT PLAN

空调布置图 SCALE 1:30

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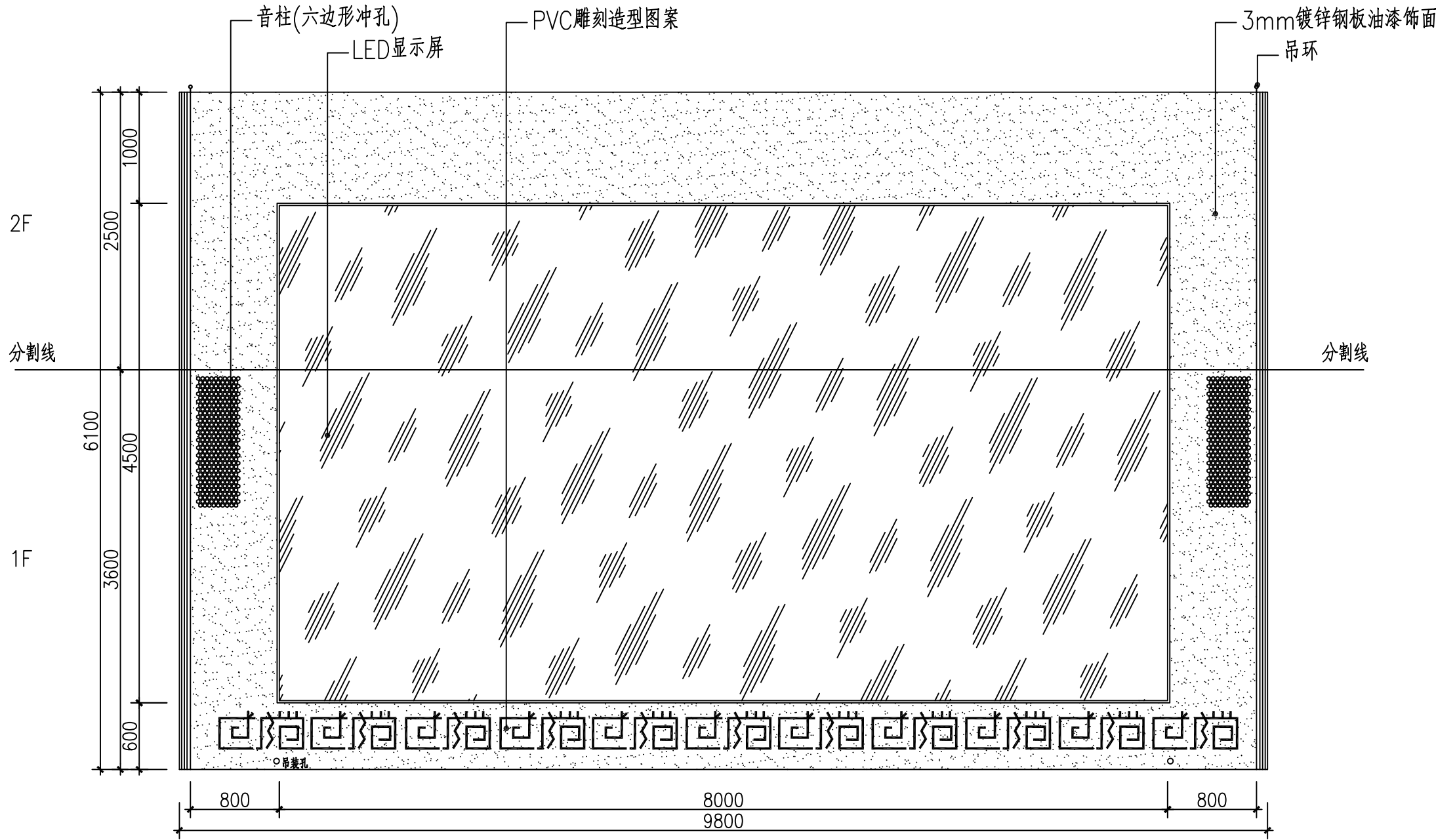
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ELEVATION

A立面图

SCALE 1:40

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Technical drawing of a building facade section, showing the 2F (Second Floor) and 1F (First Floor) levels. The drawing includes dimensions, material specifications, and a central decorative element.

Dimensions:

- Overall height: 6100
- Overall width: 9800
- 2F height: 2500
- 1F height: 3600
- Central decorative element height: 2960
- Central decorative element width: 728
- Side panel width: 1850
- Panel spacing: 40
- Panel width: 728
- Panel height: 2960
- Panel depth: 140

Material Specifications:

- 吊环 (Hanging Ring)
- 3mm镀锌钢板油漆饰面 (3mm Galvanized Steel Plate Paint Finish)
- PVC雕刻造型图案 (PVC Carved Pattern)
- 12mm钢化玻璃幕墙 (12mm Tempered Glass Curtain Wall)
- 3mm镀锌钢板油漆饰面 (3mm Galvanized Steel Plate Paint Finish)

Central Decorative Element:

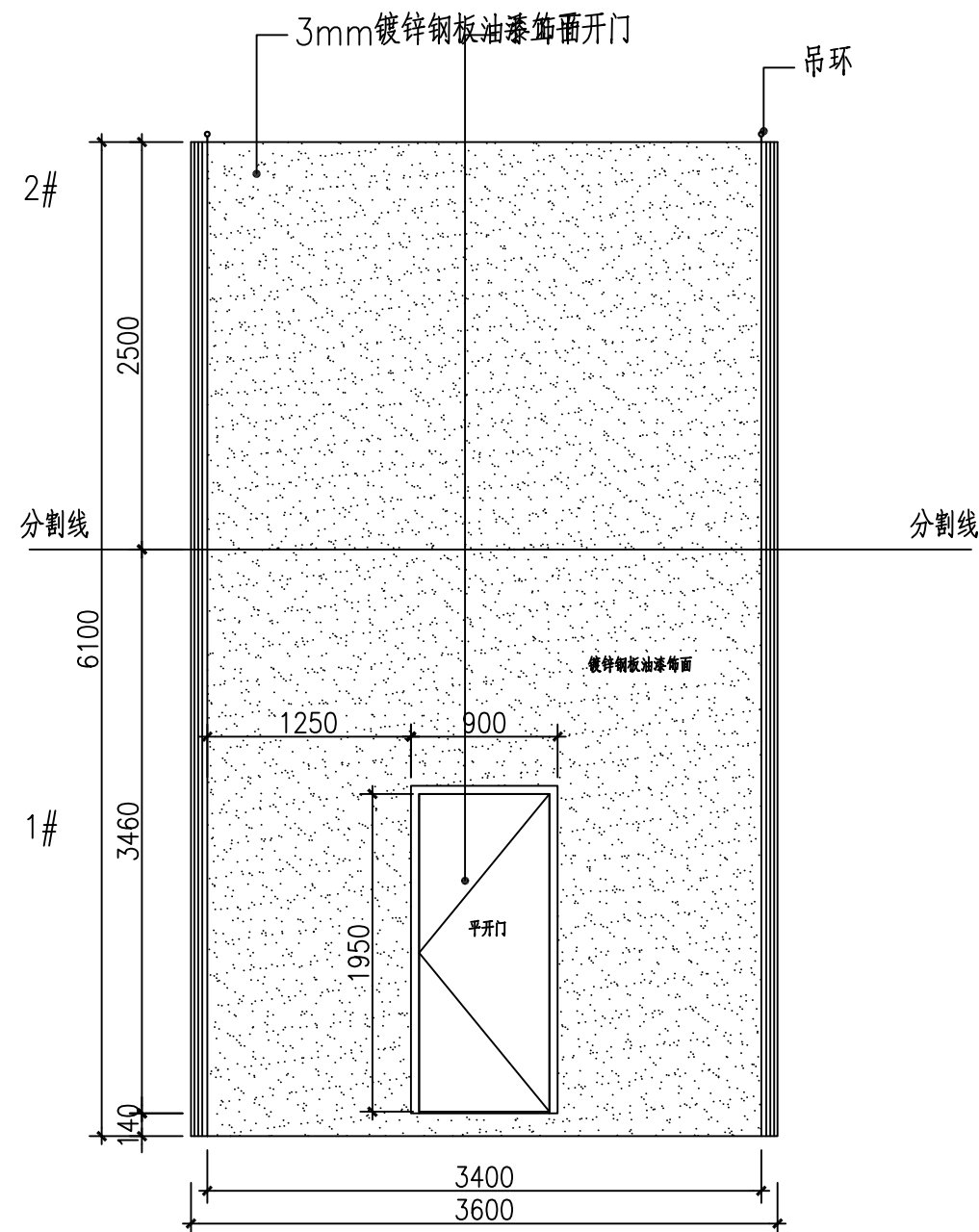
The central decorative element is a rectangular panel with a height of 2960 and a width of 728. It features a grid of 12 rectangular panels, each containing a diagonal hatching pattern. The panels are separated by 40 units of spacing.

Labels:

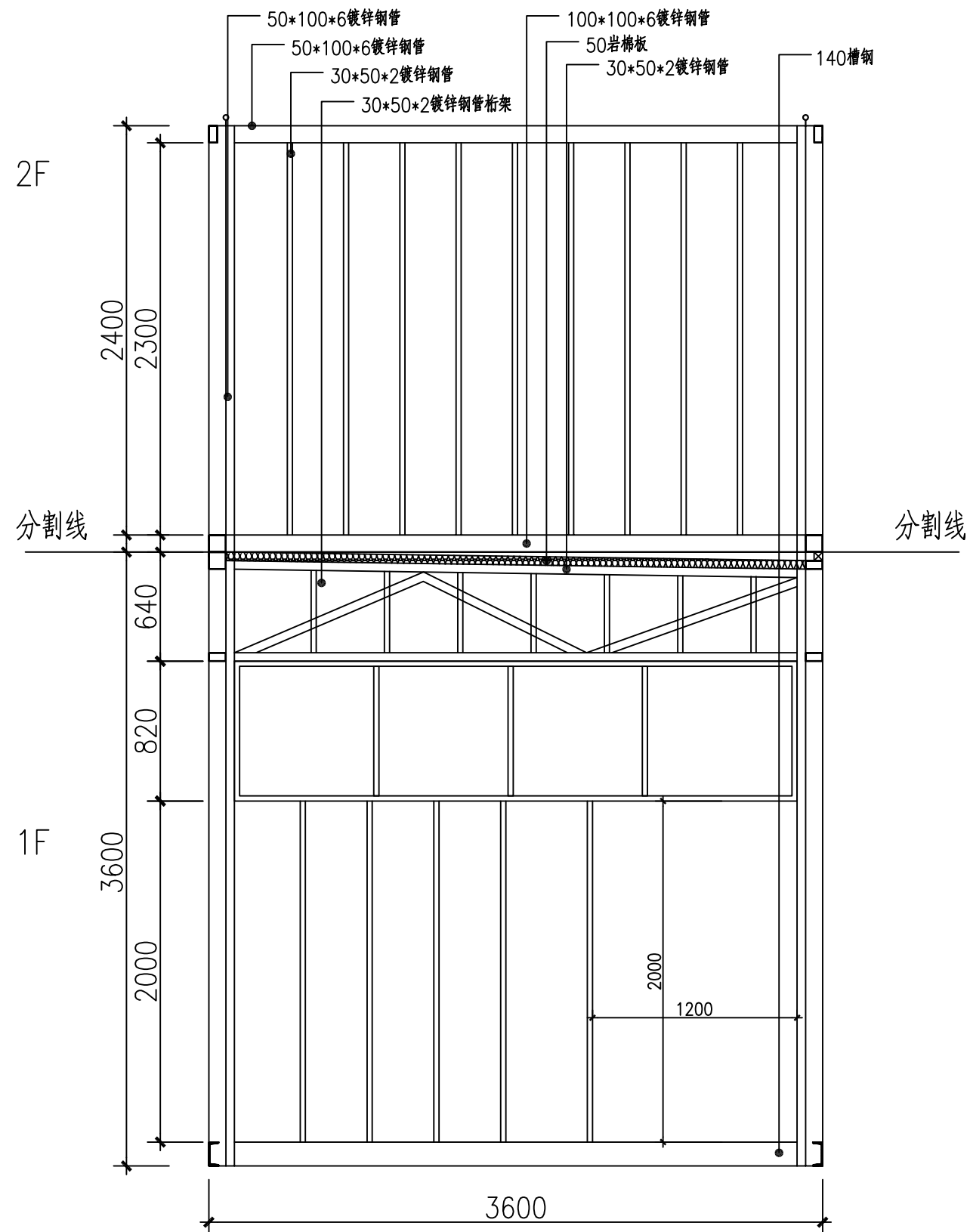
- 2F
- 1F
- 分割线 (Division Line)
- 吊环孔 (Hanging Ring Hole)

SCALE 1:40

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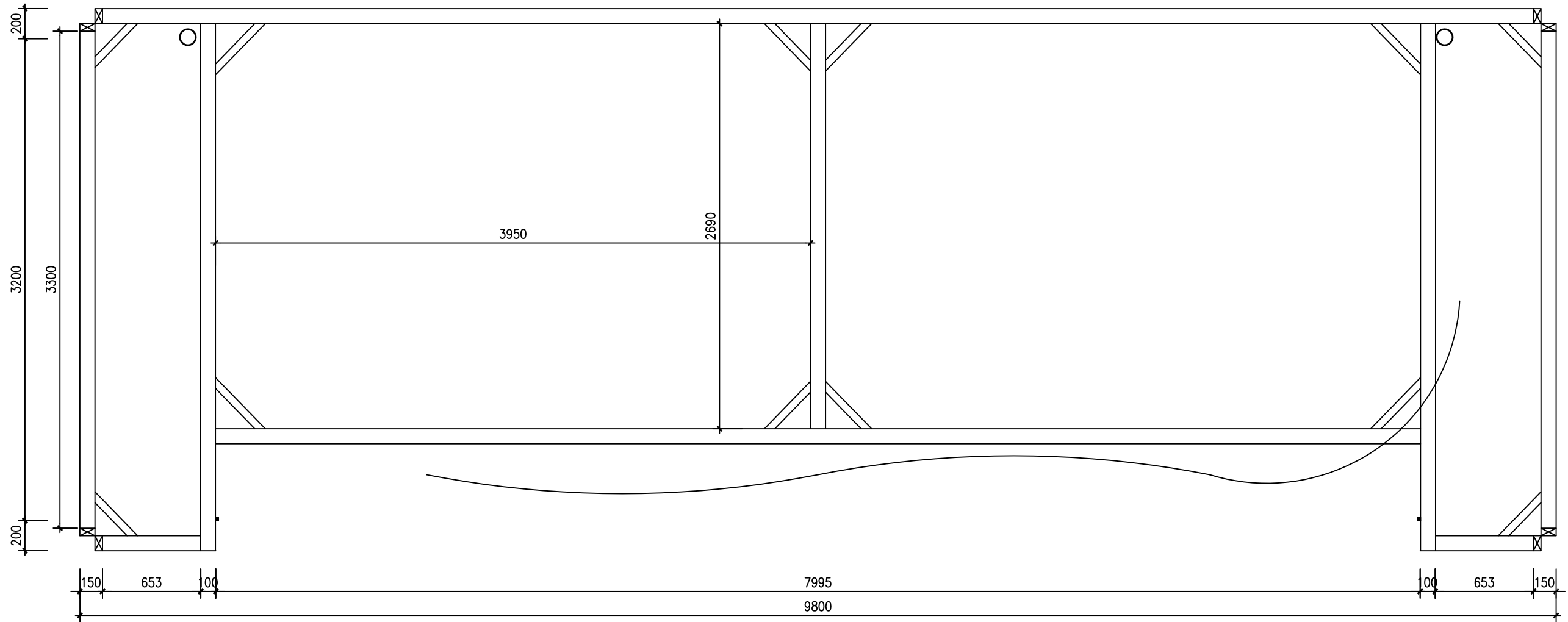
■ Website: 网址:	
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■ Examined and Verified By: 审核:	
■ General Designer: 设计总负责人:	
■ Designed By: 设计:	
■ Drawn By: 制图:	
■ Drawn Date: 制图日期:	
■ Sale By: 销售:	
<p>尺寸以现场度量为准，如与设计图有出入，可在次要部位进行调整。</p> <p>本施工图所描述的装饰，在结构允许下进行调整</p> <p>装饰项目所用建材及施工工艺，必需符合国家标准及有关规定。</p>	
■ Project: 工程总称:	
■ Item: 项目:	
■ Design No: 设计号:	
■ Drawing Name: 图名:	
■ Scale: 比例: 1:1	
■ Drawing Title: 图别:	
■ Drawing No.: 图号:	

[illegible]

ELEVATION

B立面图 SCALE 1:30

■ Website: 网址:	
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■ Drawing No.: 图号:	

[illegible]

LAYOUT PLAN

2F100方钢管底盘图 SCALE 1:30

■ Website:

网址:

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Item:

项目:

■ Design No:

设计号:

■ Drawing Name:

图名:

Scale:

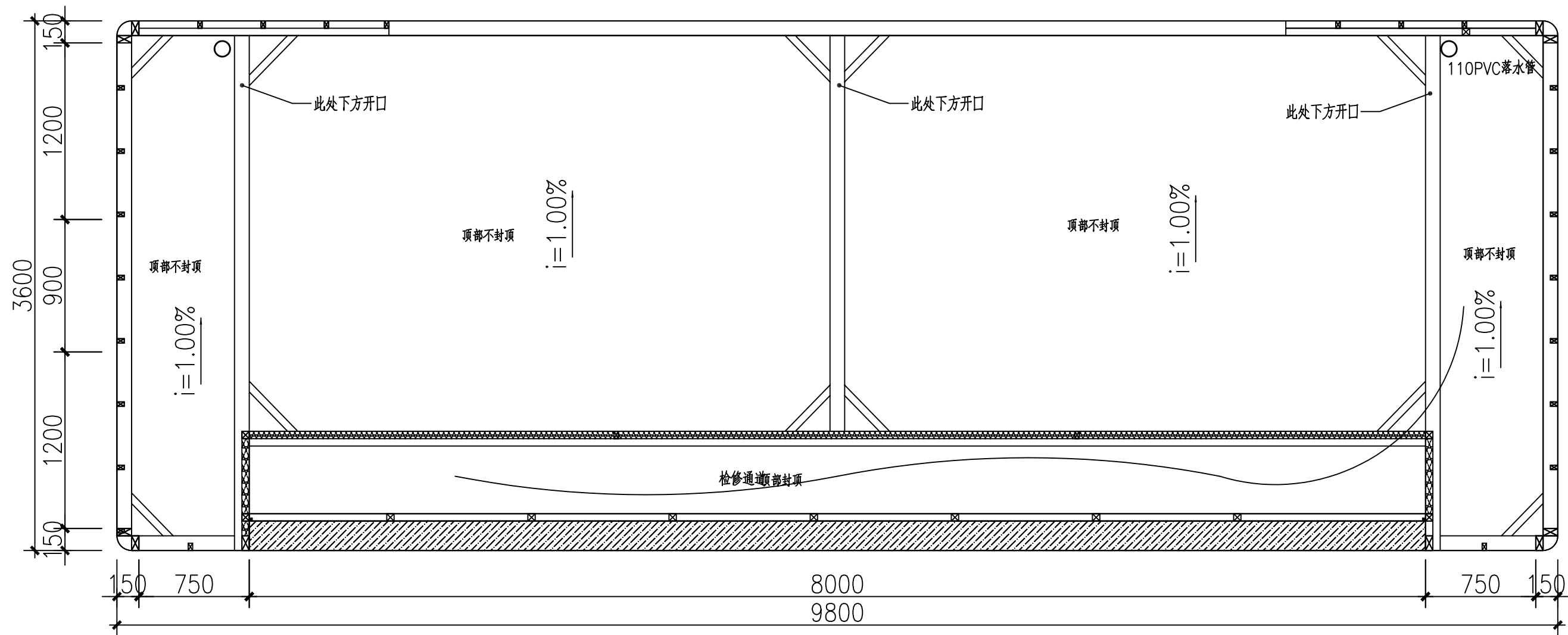
比例: 1:1

■ Drawing Title:

图别:

Drawing No.:

图号:



LAYOUT PLAN

2F100方钢管底盘图 SCALE 1:30

■ Website:

网址:

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■ Drawing Name:

图名:

■ Scale:

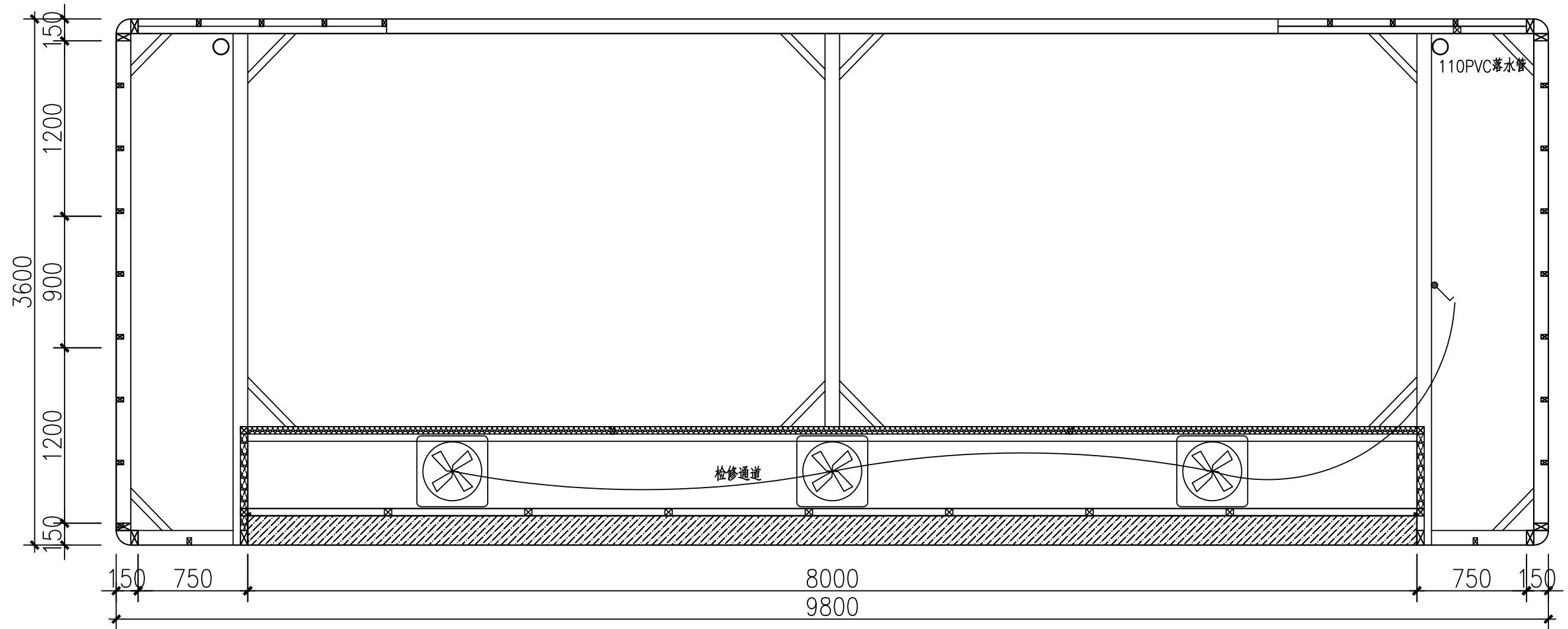
比例: 1:1

■ Drawing Title:

图别:

■ Drawing No.:

图号:

[illegible]

COMPREHENSIVE CEILING PLAN

2F电器连线图 SCALE 1:30

图例	说明
	LED条形灯
	吸顶平板灯
	单联翘板开关
	多种电源配电箱
	带接地插孔单相五孔插座
	低噪音轴流风机
	轴流风机（可正反转）

说明：

- 1、强弱电面板高度以插座底沿为高度标准，除图注明外，面板下缘距地300mm, 具体尺寸以立面图纸为准
 - 2、特殊高度面板在立面图中做调整并做标注。
 - 3、厨房和卫生间为防水插座，具体尺寸以立面图纸为准。
 - 4、特殊台面上安装开关及插座的，距台面以上100。
 - 5、墙体室内挂机空调插座的，吊顶以下150。
 - 6、开关面板高度以插座底沿为高度标准，图中未注明的面板高度为1300mm, 具体尺寸以立面图纸为准
 - 7、特殊高度面板在电气图中做调整并做标注。

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销售:

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工程总称:

Item:

项目:

■ Design No:

设计号:

■ Drawing Name:

图名:

■ Scale:

比例: 1:1

■ Drawing Title:

图别:

Drawing No.:

图号:

设计说明

一、工程项目：火车东站地广场站前P4室外全彩LED显示屏
LED显示尺寸：宽8，高4.48米,3块共计107.52平方米

二、设计参数

- 1、根据提供的现场要求，并采用下列荷载标准值：
设备自重:0.55KN/m
基本风压:0.50KN/m
检修荷载:1.0KN/m
- 2、本结构设计使用年限为25年，钢结构必须做热浸镀锌,厚度不小于70um，焊接点每年进行一次防雨、防锈、防腐保养
- 3、根据现行国家标准《建筑结构可靠度设计统一标准》（GB50068-2001）规定
本结构设计安全等级为三级（次要的建筑物）
- 4、抗震设防烈度为7度，设计基本地震加速度值为0.10g
- 5、此工程仅保证LED显示屏自身结构的安全性和稳定性，原结构由建设单位校核确认

三、本设计中主要参照以下国家现行规范及规程进行结构设计：

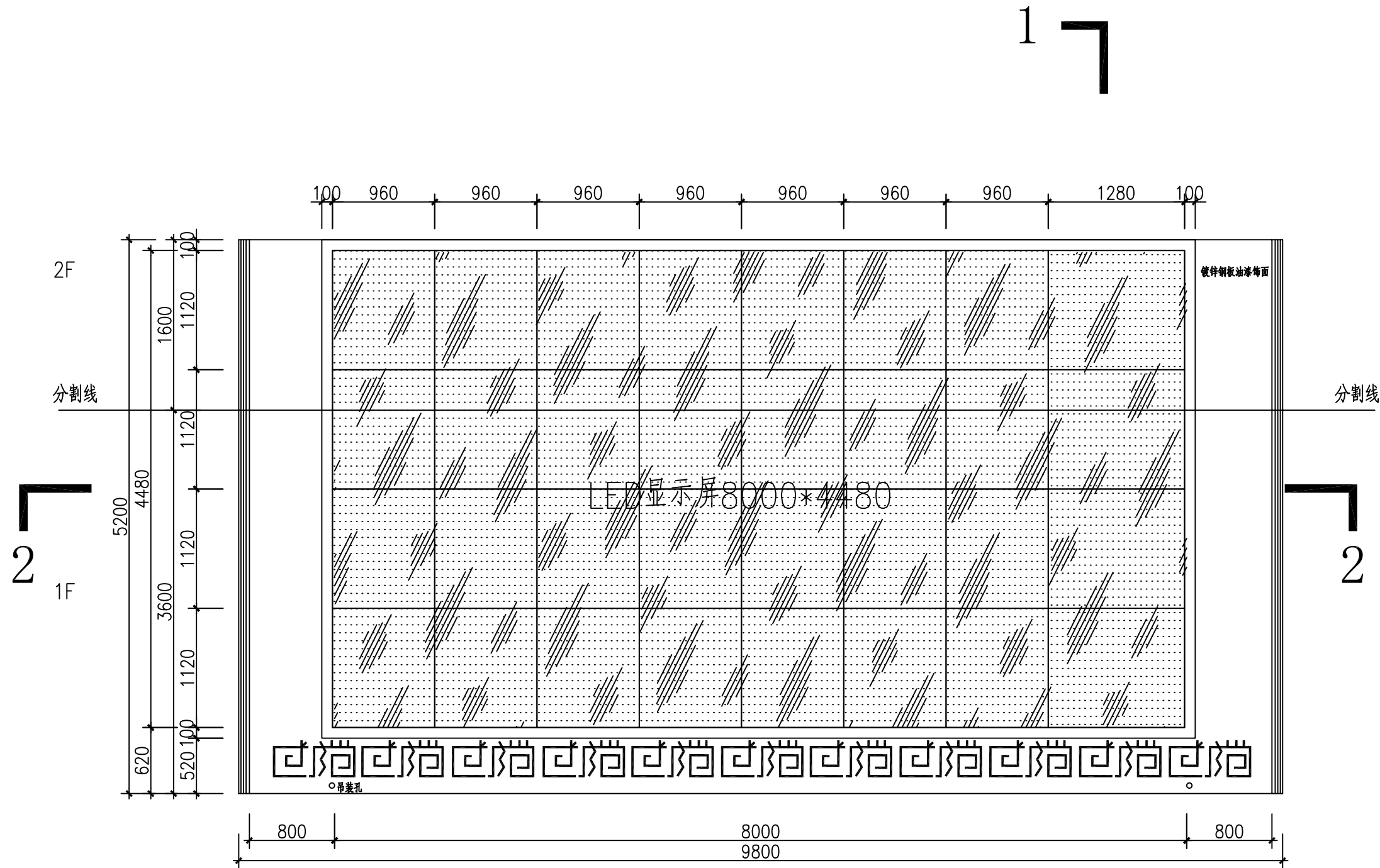
- 1、《建筑结构荷载规范》(GB50009-2012)
2、《钢结构设计规范》(GB50017-2003)
3、《建筑抗震设计规范》(GB50011-2010)
4、《户外广告设施钢结构技术规程》(CECS 148—2003)
5、《钢结构工程施工及验收规范》(GB50205-2001)
6、《建筑钢结构焊接规程》(J218-2002)
7、《冷弯薄壁型钢结构技术规范》(GB50018-2002)

四、钢结构说明：

- 1、钢材：图中未注明的构件材质均用Q235-B钢，其化学成分和力学性能均应符合《碳素结构钢》（GB/T700-2006）的规定
所有承重结构采用的钢材均应具有抗拉强度、伸长率、屈服强度和硫、磷含量的合格保证

- 在搭接连接中，搭接长度不得小于焊件较小厚度的5倍，并不得小于25mm
- 4、高强度螺栓应符合现行国家标准《钢结构用高强度大六角头螺栓》（GB/T1228）、《钢结构用高强度大六螺母》（GB/T1229）、《钢结构用高强度垫片圈》GB/T1230、《钢结构用高强度大六角头螺栓、大六角螺母、垫圈技术条件》（GB/T1231）的规定；
锚栓可采用现行国家标准《碳素结构钢》（GB/T700）中规定的Q235钢或《低合金高强度结构钢》GB/T1591）中规定的Q345钢制成
- 5、防腐
- 5.1.本项目所有钢材均采用热浸镀锌，厚度70um,焊缝处采用涂漆防腐。
- 5.2.涂漆防腐：钢材经除锈处理后应涂防锈底漆（环氧富锌漆）2遍，干膜厚度宜不小于75微米，面漆（环氧漆或聚氨酯漆）2遍，要求涂层干漆总厚度为室外不小于150微米，并严格按照GB50205-2001中的有关规定执行。
- 5.3.钢结构防腐层的防腐年限要求不低于25年，即在25年的设计使用年限内，需进行维修的次数不少于1次（还需进行正常养护）
- 五、其它说明：
- 1、在显示屏背面墙体上适当位置预留检修入口，并做成单开门并上锁
- 2、外装饰采用镀锌板氟碳喷涂，材质及颜色需经过甲方同意后方能施工，颜色建议同于幕墙的铝栅格，根据需要临时添加龙骨架，室外硅酮耐候胶填缝，收口封堵严密，不漏水，板面应平整无明显翘曲
- 3、屏体内部必须通风散热良好，采用轴流风机散热，进出风口布置屏体左右侧
- 4、结构要求防雷，要求与原建筑避雷网可靠焊接
- 5、本屏正面防护等级达到IP65,背面IP43，需要在做铝单板收口装饰时，严格按照室外防水幕墙施工工艺做好防水措施。
- 6、施工单位需现场复核土建结构及幕墙尺寸方可下料施工。
- 7、本图标注单位除标高以外，其余均为：mm

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■ Designed By: 设计：
■ Drawn By: 制图：
■ Drawn Date: 制图日期：
■ Sale By: 销售：
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■ Drawing Name: 图名：
■ Scale: 比例： 1:1
■ Drawing Title: 图别：
■ Drawing No.: 图号：



ELEVATION
正视图 SCALE 1:40

Website:

网址:

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图名:

Scale:

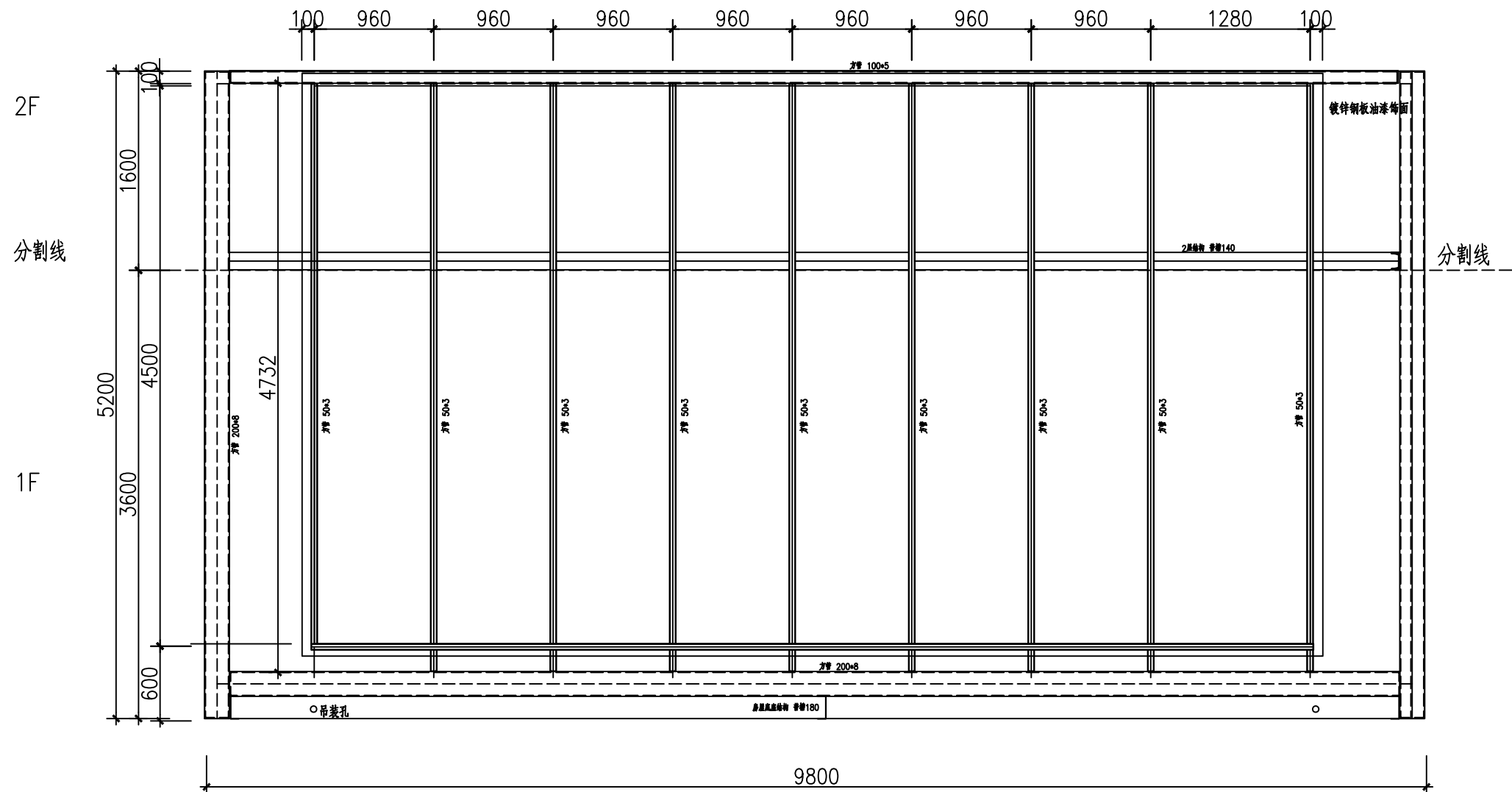
比例: 1:1

Drawing Title:

图别:

Drawing No.:

图号:

[illegible]

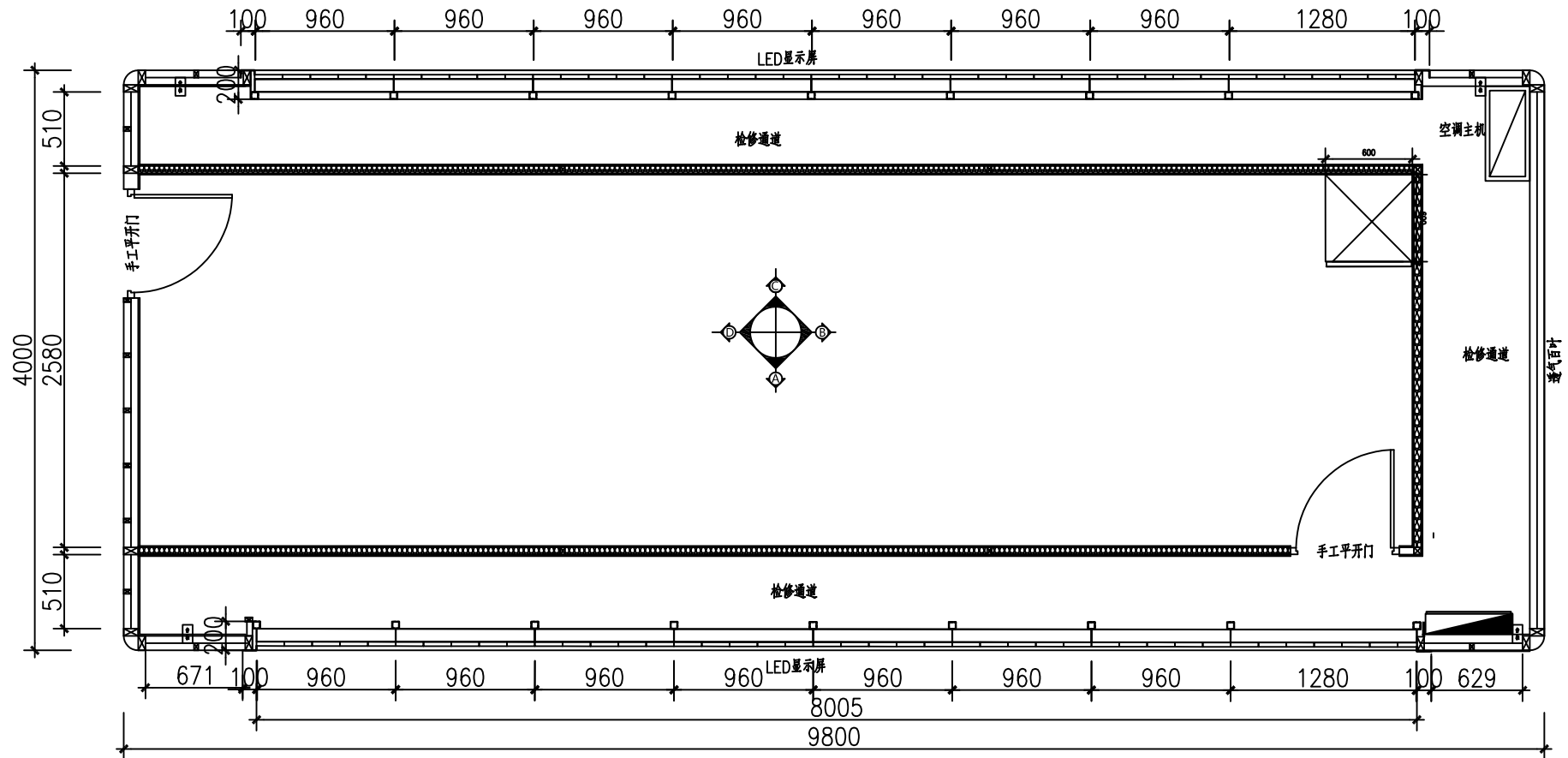
ELEVATION

安装龙骨图 SCALE 1:40

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Technical drawing of a vertical rectangular structure, likely a wall or partition. The drawing shows a cross-section with various layers and dimensions. The total width is 474, and the total height is 170. The structure is divided into sections by horizontal lines, with dimensions 105, 1123, 1120, 1120, 1120, and 499 indicated. The drawing includes a section line on the left and a section line on the right.

1-1剖面图 SCALE 1:40



2-2剖面图 SCALE 1:40

网址:

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设计：

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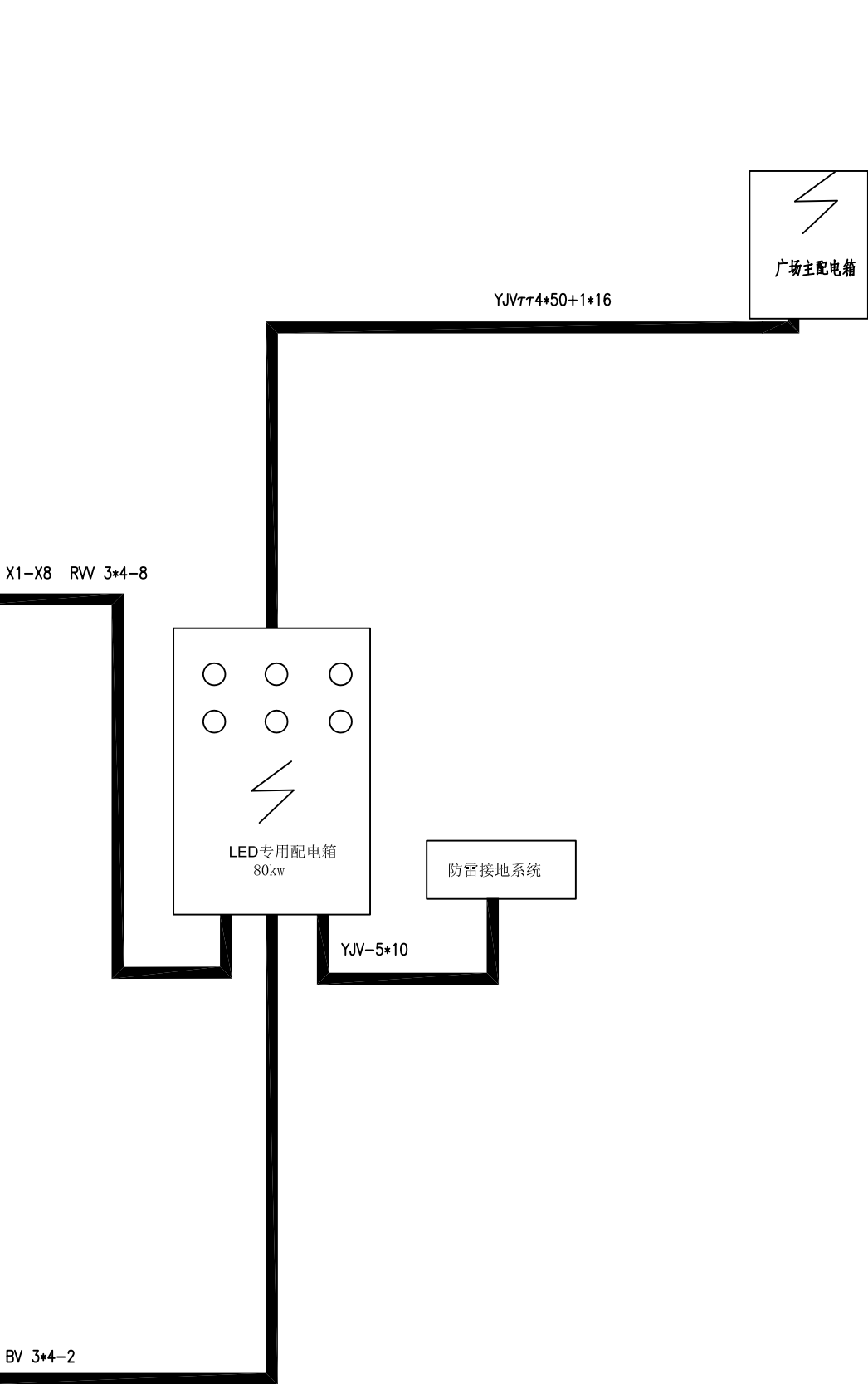
图名:

比例: 1:1

图别:

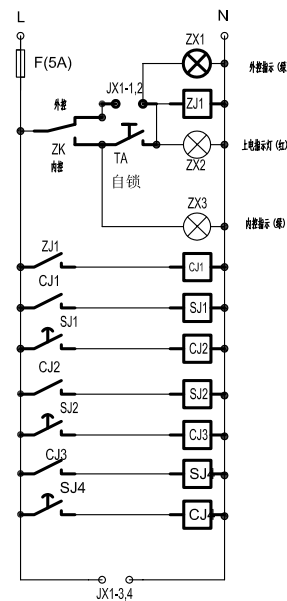
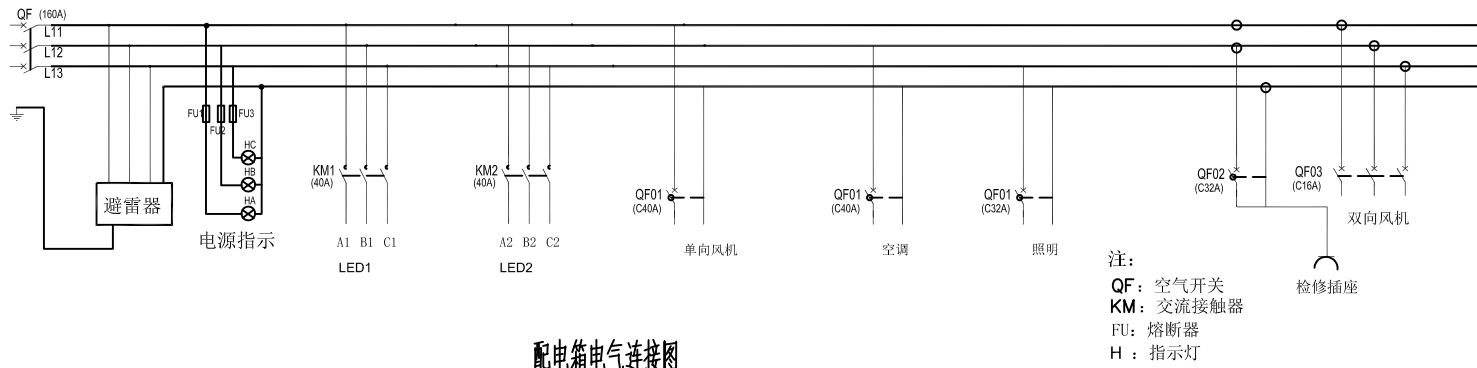
图号:

3只10A墙插及照明 BV 3*4



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■ Scale: 比例: 1:1
■ Drawing Title: 图别:
■ Drawing No.: 图号:

[illegible]

说明:预留接线端子管1,2接卡莱特功能卡通过软件控制其继电器分合输出;端子3、4接为卡莱特功能卡供电的5V3A开关电源电源输入端子

说明:

LED大屏峰值功率为140kw,值专用配电箱2台,分主控和副控。

主控采用手机APP控制开关,联锁副控配电箱,也可同电脑分布控制开关暂定位于LED显示屏结构背箱。

避雷措施:

直击雷防护:屏体接地。

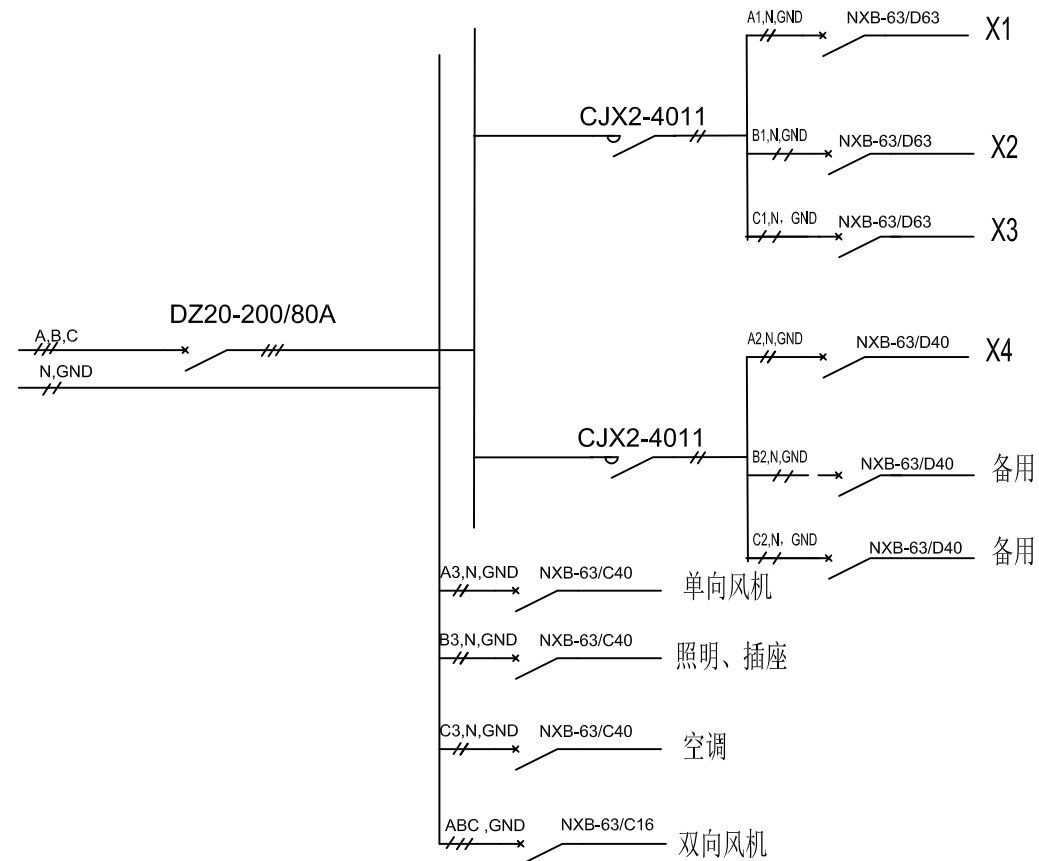
感应雷防护:采用TN—S电路系统,配电箱内内置60KA浪涌保护器。

接地保护:显示屏钢框架与建筑钢梁连接,作为保护接地。

显示屏用电参数:

屏体峰值功率 :140KW

其他辅助设施 :10KW



Website:
网址:

Remarks:

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■ Drawn Date:
制图日期:

■ Sale By:
销售:

尺寸以现场度量为准，如与设计图有出入，可在次要部位进行调整。

本施工图所描述的装饰, 在结构允许下进行调整

装饰项目所用建材及施工工艺，必需符合国家标准及有关施工规范和规定。

Project:
工程总称:

Item:
项目:

■ Design No.
设计号:

■ Drawing Name:
图名:

Scale:
比例: 1:1

■ Drawing Title:
图别:

■ Drawing No.:
图号:

40KWLED专用配电箱系统连接图

700mm*400mm*200此箱共计2台