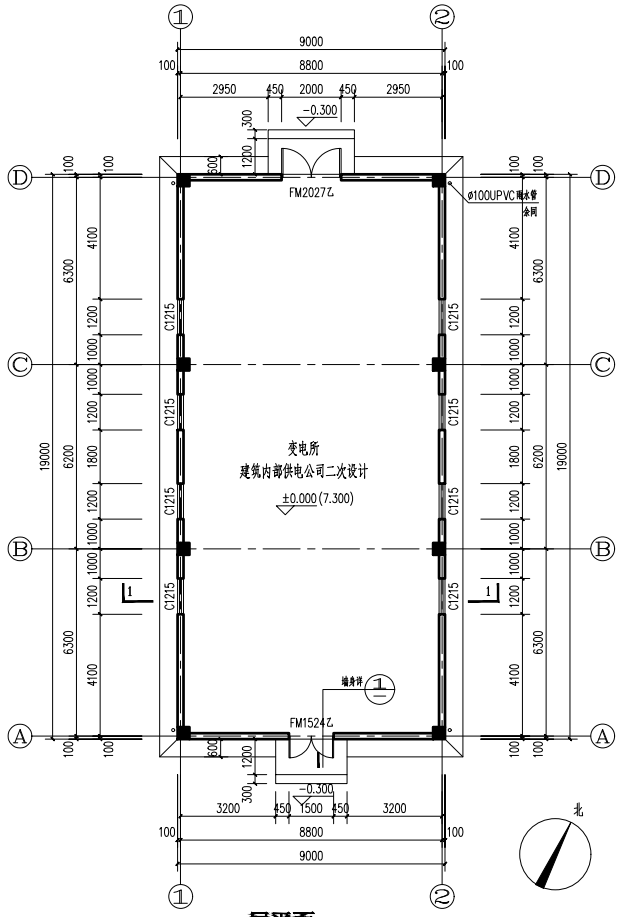
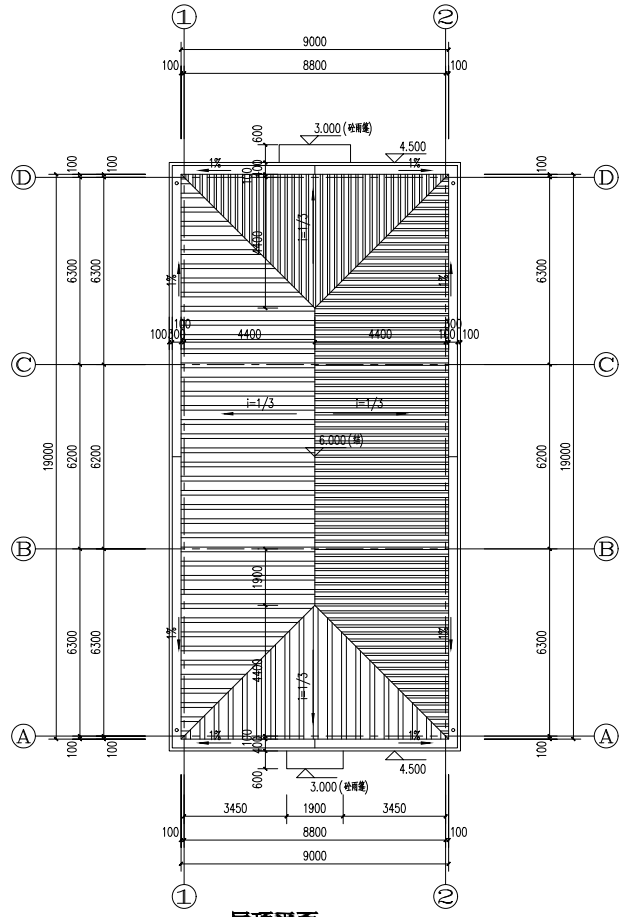
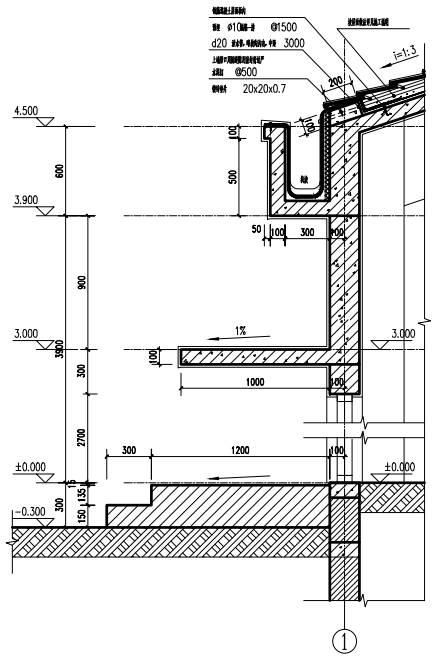


一层平面 1:100

建筑面积171.00平方米

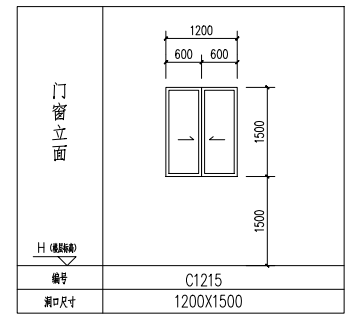


屋顶平面 1:100



① 墙身详图 1:20

门窗大样 1:50



编号	C1215
洞口尺寸	1200X1500

门窗表 1:50

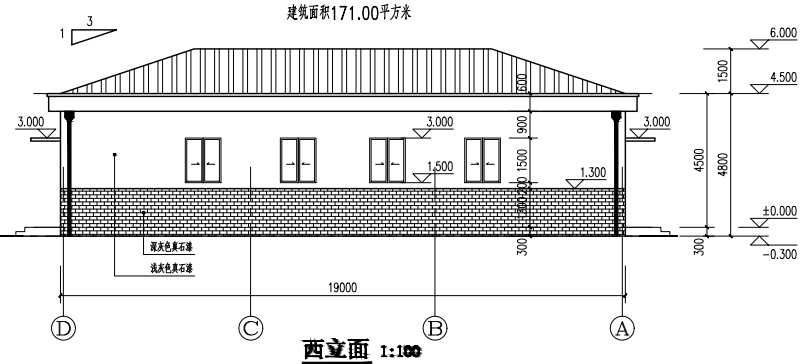
类型	设计编号	洞口尺寸(mm)	数量	备注
卧大门	FM1524乙	1500X2400	1	成品钢制卧大门 A1.0
	FM2027乙	2000X2700	1	成品钢制卧大门 A1.0
普通窗	C1215	1200X1500	8	铝合金窗样式详门窗大样

注：　洞口尺寸无 宽×高

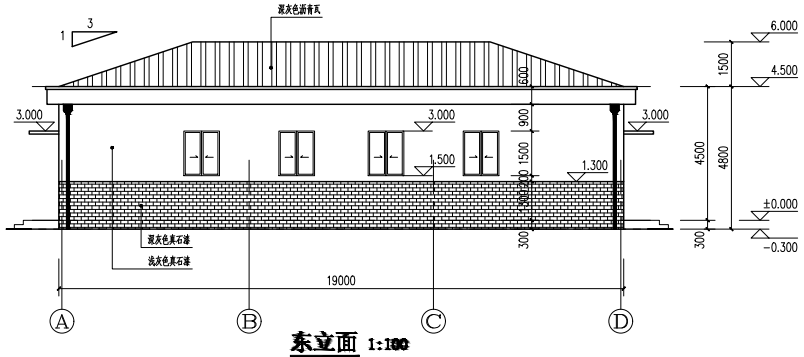
1. 图示尺寸均为设计洞口尺寸施工单位须现场核实门窗洞口尺寸，其数量后方可下料。
2. 门窗应由具备相应资质等级厂商承担，任何收、风压计算、实验后确定型材大小及玻璃厚度，并作出相应详图，厂商应对门窗有关防火、安全及质量负责。经甲方监理、设计、会签后方可实施。
3. 玻璃均选用应严格执行《建筑玻璃应用技术规程》和《建筑安全玻璃管理规定》。
   门窗型材均选用：型材普通铝合金，玻璃为白玻（6透明＋9空气＋6透明）
4. 外门窗气密性等级：6级，抗风压性能等级：4级，水密性能等级：3级，卧大门空气渗透性能达到二级。
5. 本图的立面图均为由外向内所得立面，细虚线表示向内开启，细实线表示向外开启，推拉门窗以箭头表示推拉方向。
6. 外窗距地高度详立面图。

立面材质图例：

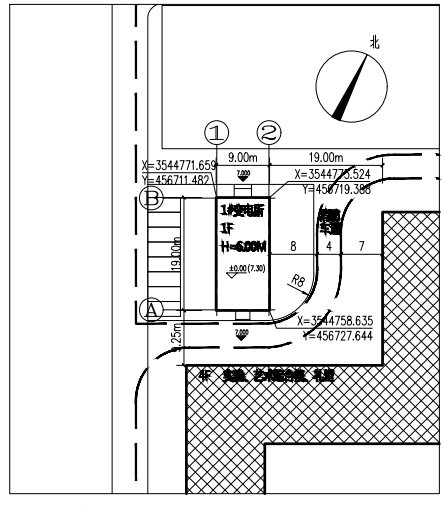
- 深灰色真石漆
- 白色真石漆
- 深灰色沥青瓦



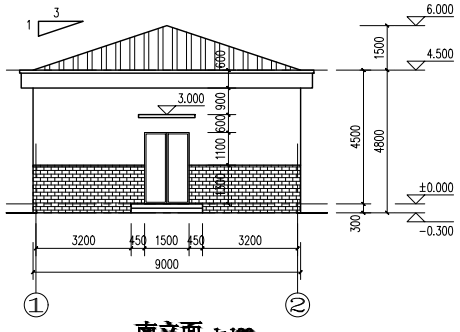
西立面 1:100



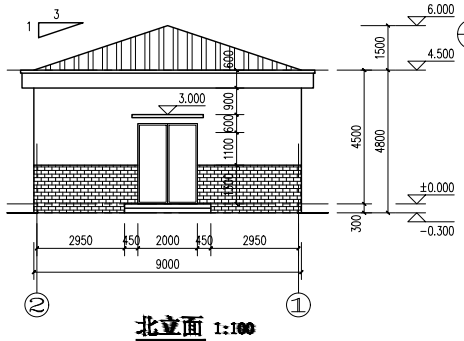
东立面 1:100



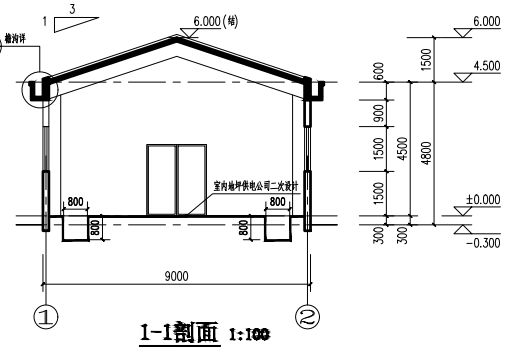
总平面定位图 1:500



南立面 1:100



北立面 1:100



1-1剖面 1:100

[redacted]

4号教学楼一层平面图 1:100

本层建筑面积：837.53平方米

出：航天外南侧方圆防丧援出口

2号教学楼一层平面图 1:100

本层建筑面积：935.07平方米

出：航天外南侧方圆防丧援出口

3号教学楼一层平面图 1:100

本层建筑面积：659.22平方米

出：航天外南侧方圆防丧援出口

1号教学楼一层平面图 1:100

本层建筑面积：891.12平方米

出：航天外南侧方圆防丧援出口

7号教学楼一层平面图 1:100

本层建筑面积：725.85平方米

出：航天外南侧方圆防丧援出口

6号教学楼一层平面图 1:100

本层建筑面积：761.88平方米

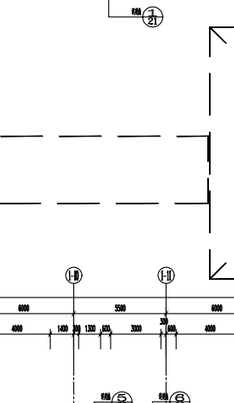
出：航天外南侧方圆防丧援出口

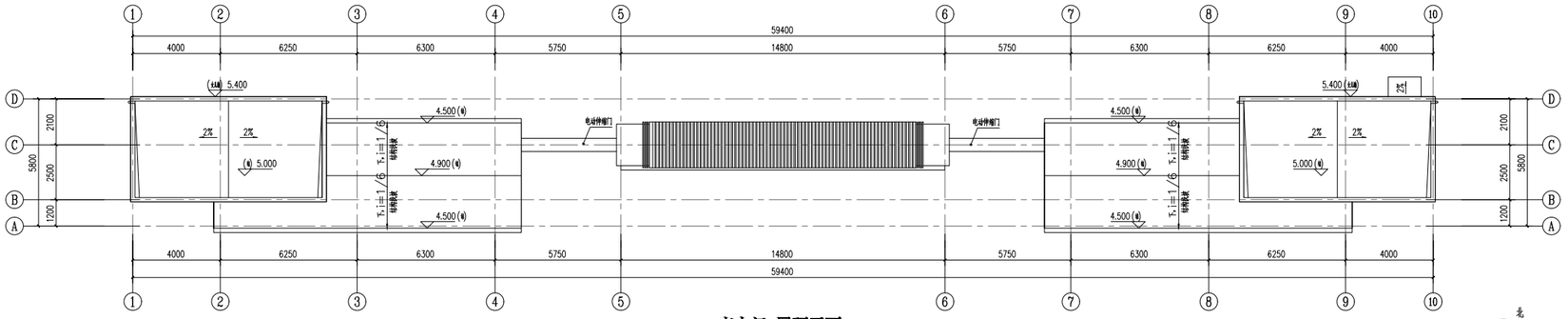
5号教学楼一层平面图 1:100

本层建筑面积：904.38平方米

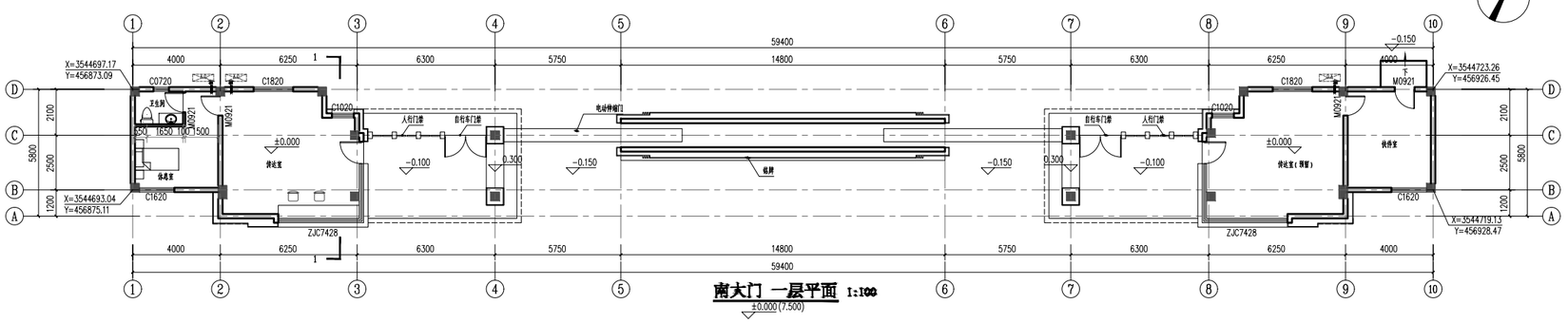
出：航天外南侧方圆防丧援出口

防火分区编号及名称	面积性质	面积 (㎡)	具体构成 (㎡/层)	疏散宽度计算值 (㎡)	收入疏散总宽 (m/100人)	所需疏散总宽 (㎡)	实际疏散总宽 (m)	防火墙
防火分区一 C1、1号教学楼		1240.3	4层/天-报告厅-部分教室	4200+300+500+4200	1	0.3m	10.3m	甲级
防火分区二 C2、2号教学楼	1F	935.96	4层/天	4200+300	1	0.3m	8.3m	甲级
	4F	935.96	4层/天	4200+300	1	0.3m	8.3m	甲级
防火分区三 C3、4号教学楼		1004.1	4层/天+3层/天+报告	4200+300+500+4200	1	0.3m	10.3m	甲级
防火分区四 C4、7号教学楼		1003.8	4层/天+3层/天+报告	4200+300+500+4200	1	0.3m	10.3m	甲级
防火分区五 C5、6号教学楼		1004.7	4层/天+3层/天+报告	4200+300+500+4200+300+300	1	0.3m	10.3m	甲级





南大门 屋顶平面 1:100



南大门 一层平面 1:100

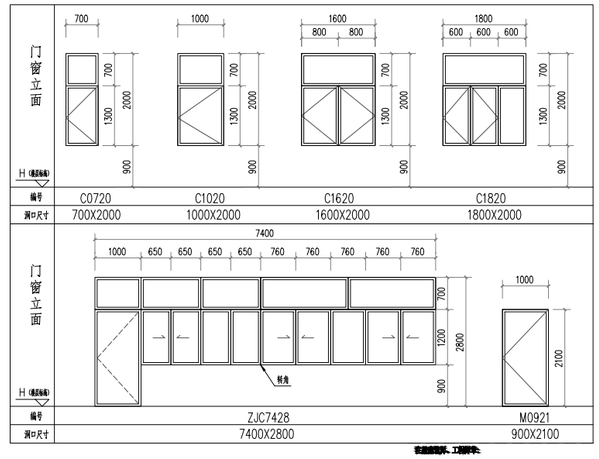
门窗表 1:50

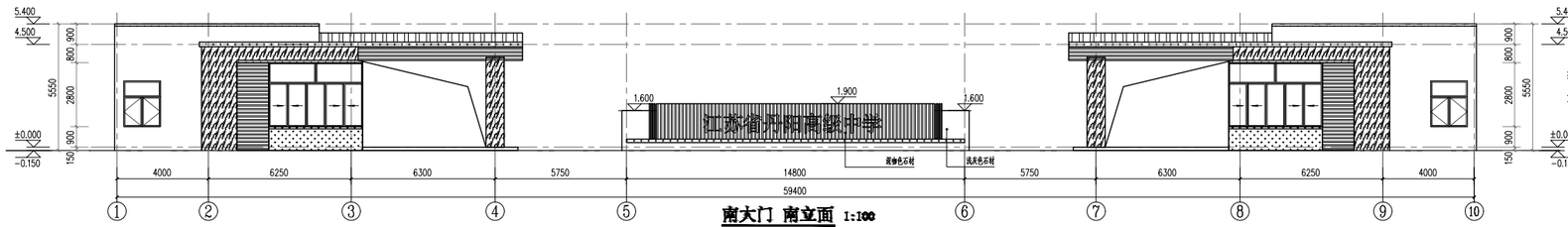
类型	设计编号	洞口尺寸(mm)	数量	备注
普通门	M0921	900X2100	4	成品木门
普通窗	C1620	1600X2000	2	铝合金窗样式详门窗大样
	C1820	1800X2000	2	
	C0720	700X2000	1	
	C1020	1000X2000	2	
门联窗	ZJC7428	7400X2800	2	铝合金门联窗样式详门窗大样

注：洞口尺寸见 宽x高

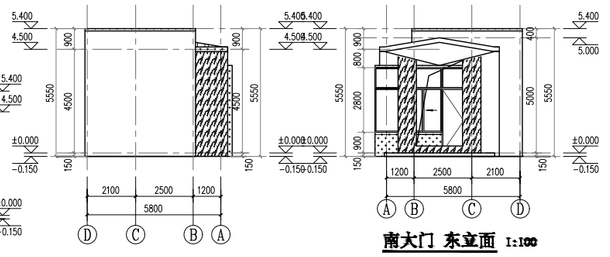
1. 图示尺寸均为安装洞口尺寸施工单位须根据墙体实际门窗洞口尺寸，及装修后方可下料。
2. 门窗应由具备相应资质的专业厂商承担，经询商，风压计算，实验合格后按照相关办法实施销售。并符合现场详图，厂商应对门窗有关防火、安全及质量负责，经甲方监理、设计、业主点方可实施。
3. 玻璃的选用应严格执行《建筑玻璃应用技术规程》JGJ113建筑安全玻璃管理规定》。
4. 外门窗气密性等级 6 级，抗风压性能等级 4 级，水密性能等级 3 级，防火门应气密性能达标二级。
5. 本图给主要图角为由外向内形视主面，细虚线表示构件方向，细实线表示构件方向。单面门窗应表示单面方向。
6. 外窗窗角风度详大图纸。

门窗立面 1:50



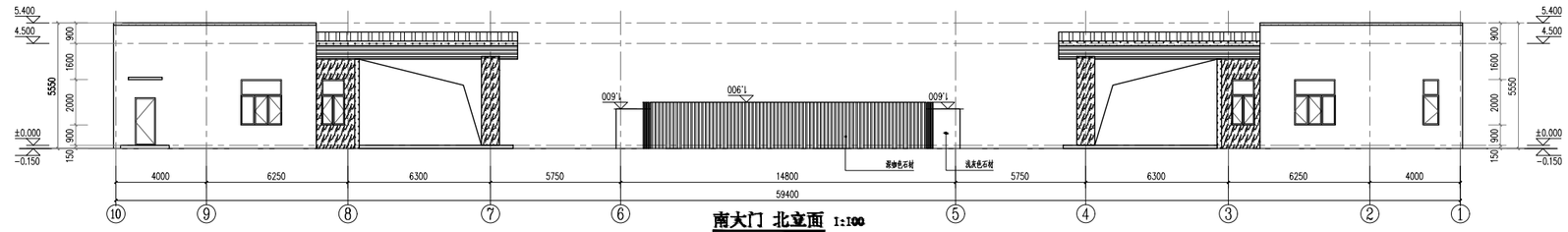


南大门 南立面 1:100

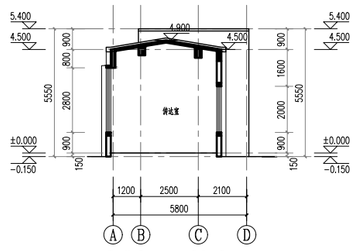


南大门 西立面 1:100

南大门 东立面 1:100



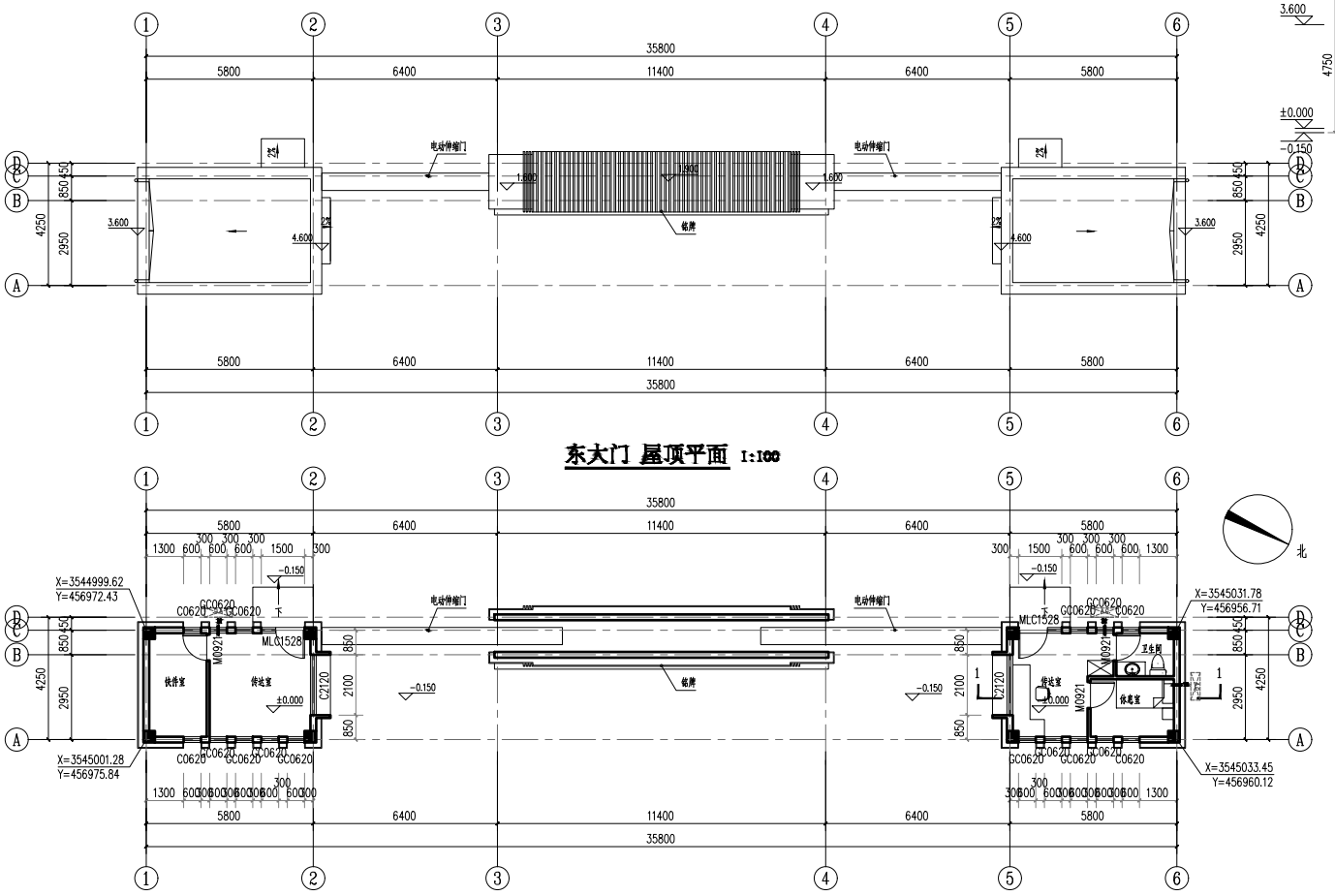
南大门 北立面 1:100



南大门 I-I剖面 1:100

立面材质图例：

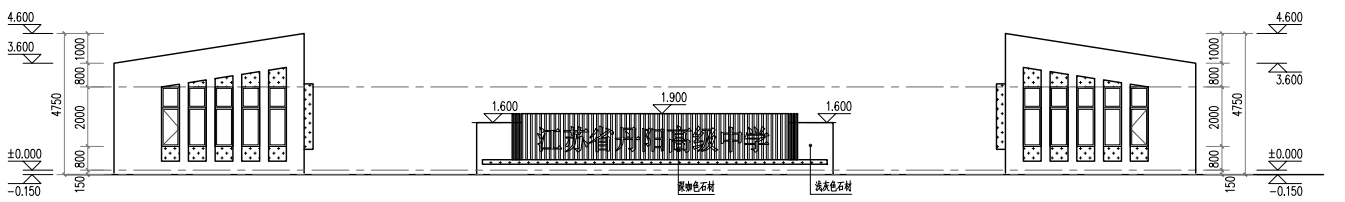
- 深灰色石材
- 白色真石漆
- 深灰色铝板
- 深灰色铝板格考
- 深灰色石材



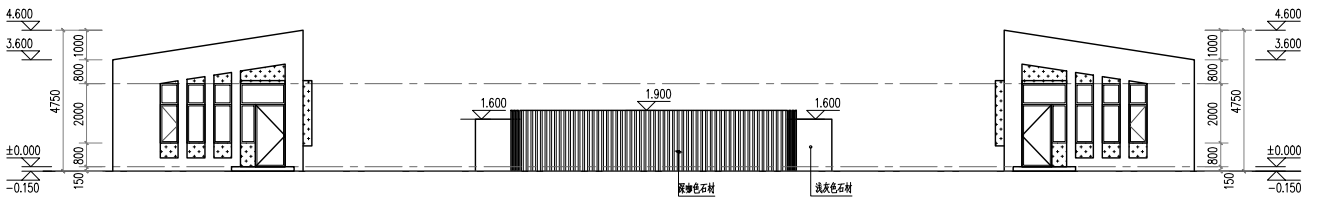
东大门 屋顶平面 1:100

东大门 一层平面 1:100

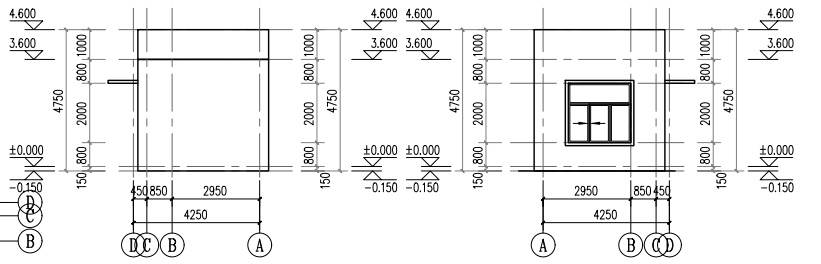
±0.000(7.500)



东大门 东立面 1:100

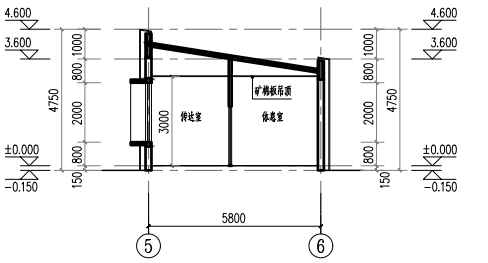


东大门 西立面 1:100



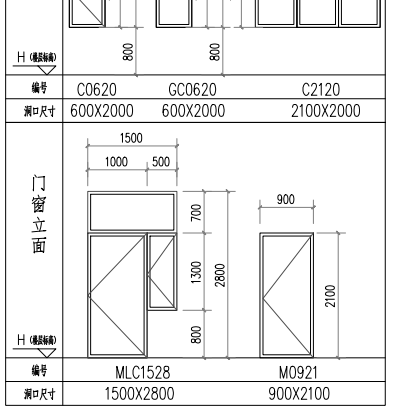
东大门 南立面 1:100

东大门 北立面 1:100



东大门 I-I剖面 1:100

门窗立面 1:50

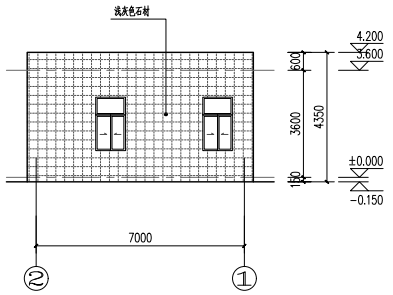


门窗表 1:50

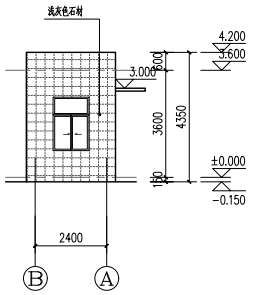
类型	设计编号	洞口尺寸(mm)	数量	备注
普通门	M0921	900X2100	3	成品木门
普通窗	C2120	2100X2000	2	铝合金窗样式详门窗大样
	C0620	600X2000	16	
门联窗	MLC1528	1500X2800	2	铝合金门联窗样式详门窗大样

注：　洞口尺寸宽X高

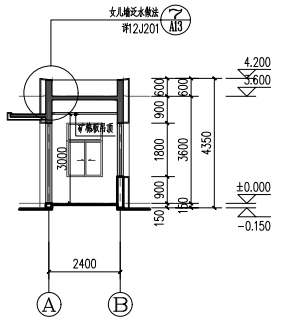
1. 图示尺寸均为设计洞口尺寸施工单位须现场核实门窗洞口尺寸，及数量后方可下料。
2. 门窗应由具备相应资质专业厂商承担，组樘数、风压计算、实验后确定图纸大小及玻璃厚度，并作出构造详图，厂商应对门窗有关防火、安全及质量负责。经甲方监理、设计、会签后方可实施。
3. 玻璃的选用应严格执行《建筑玻璃应用技术规程》和《建筑安全玻璃管理规定》。
4. 外门窗气密性等级：6级，抗风压性能等级：4级，水密性能等级：3级，防火门应气渗漏性能达到二级。
5. 本图的立面图均为由外向内所得立面，细虚线表示向内开启，细实线表示向外开启。推拉门窗以箭头表示推拉方向。
6. 外窗形成高度详立面图。



北大门 北立面 1:100



北大门 西立面 1:100



北大门 1-1剖面 1:100

立面材质图例：

深咖色石材

浅灰色铝板

深灰色沥青瓦

深灰色铝板

浅灰色石材

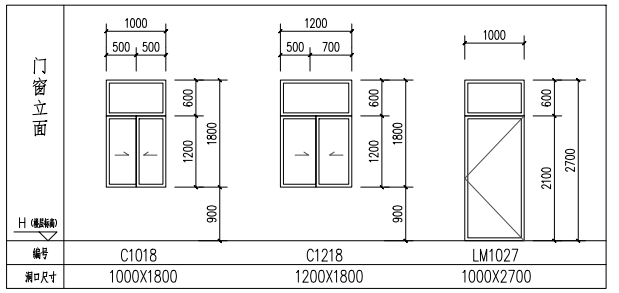
门窗表 1:50

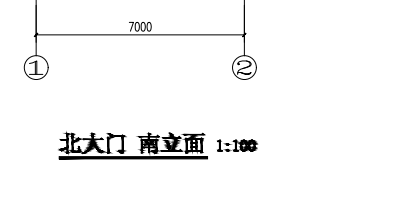
类型	设计编号	洞口尺寸(mm)	数量	备注
普通门	M0921	900X2100	1	成品木门
	LM1027	1000X2700	2	铝合金门样式详门窗大样
普通窗	C1018	1000X1800	3	铝合金窗样式详门窗大样
	C1218	1200X1800	2	

注： 洞口尺寸见 宽x高

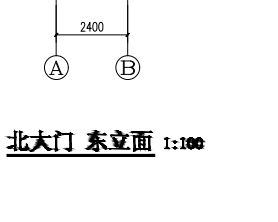
1. 图示尺寸均为设计洞口尺寸施工单位须现场核实门窗洞口尺寸，及数量后方可下料。
2. 门窗应由具备相应资质专业厂商承担，经销商、风压计算、实施后确定图样大小及玻璃厚度，并作出构造详图，厂商应对门窗有关防火、安全及质量负责。经甲方监理、设计、公安后方可实施。
3. 玻璃的选用应严格执行《建筑玻璃应用技术规程》和《建筑安全玻璃管理规定》。
4. 外门窗气密性等级 6 级，抗风压性能等级 4 级，水密性能等级 3 级，卧室门空气渗透性能达到二级。
5. 本图的立面图均为由外向内所得立面，细虚线表示向内开启，细实线表示向外开启，推拉门窗以箭头表示推拉方向。
6. 外窗距地高度甲方面图。

门窗立面 1:50

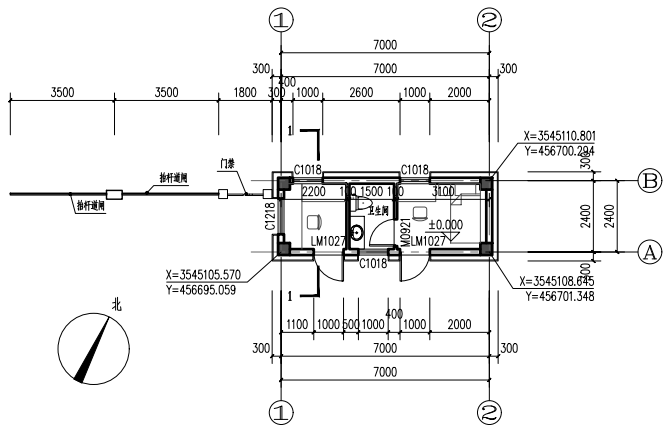




北大门 南立面 1:100

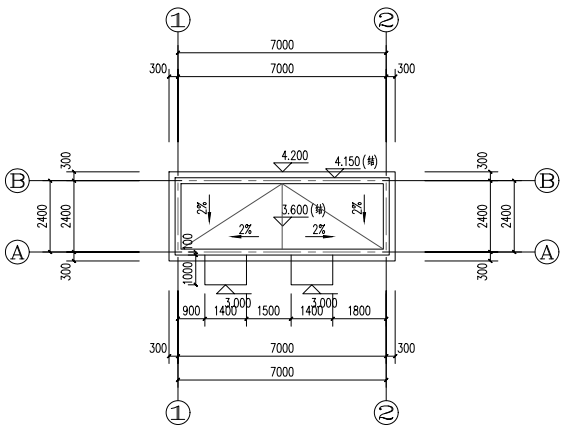


北大门 东立面 1:100



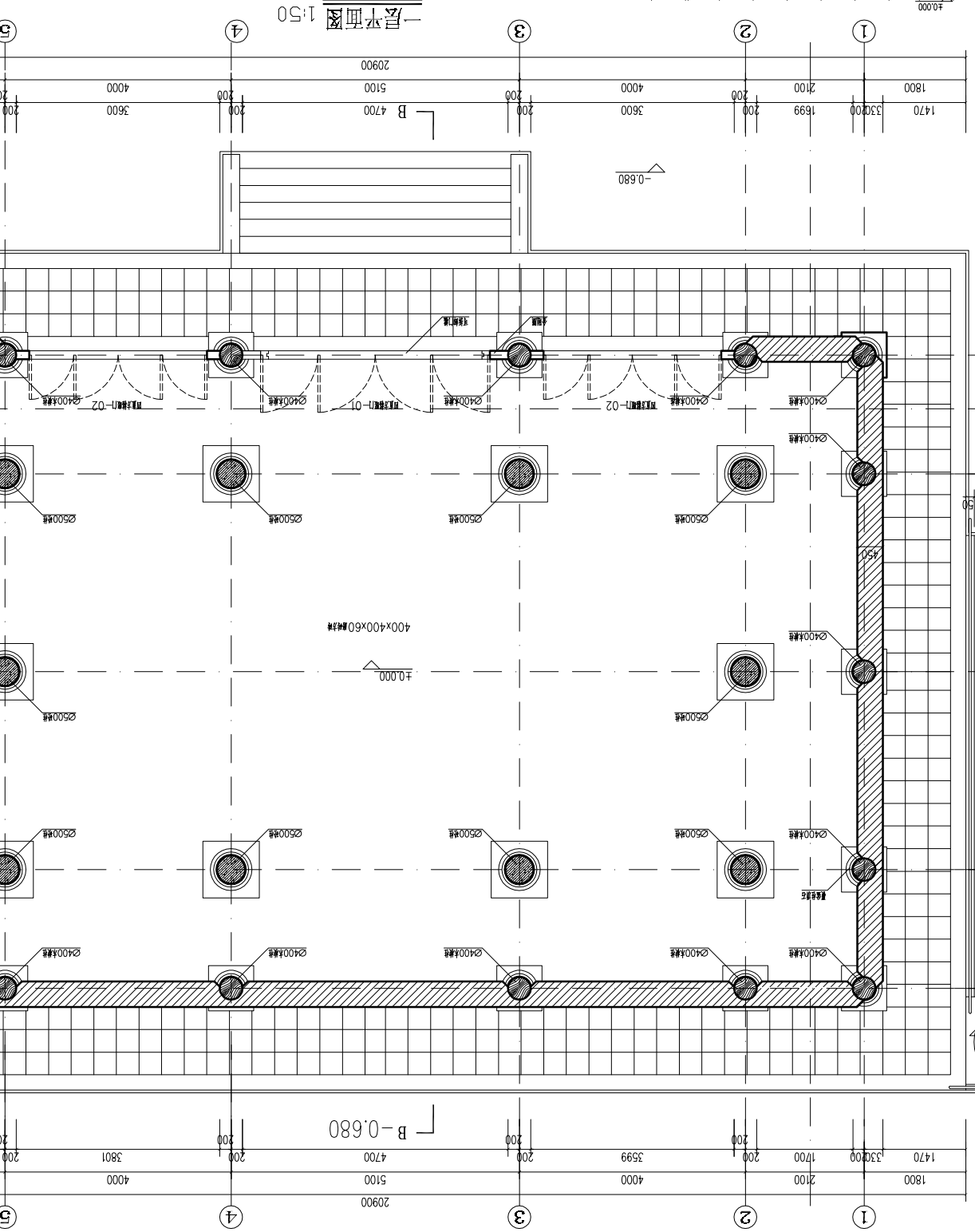
北大门 一层平面 1:100

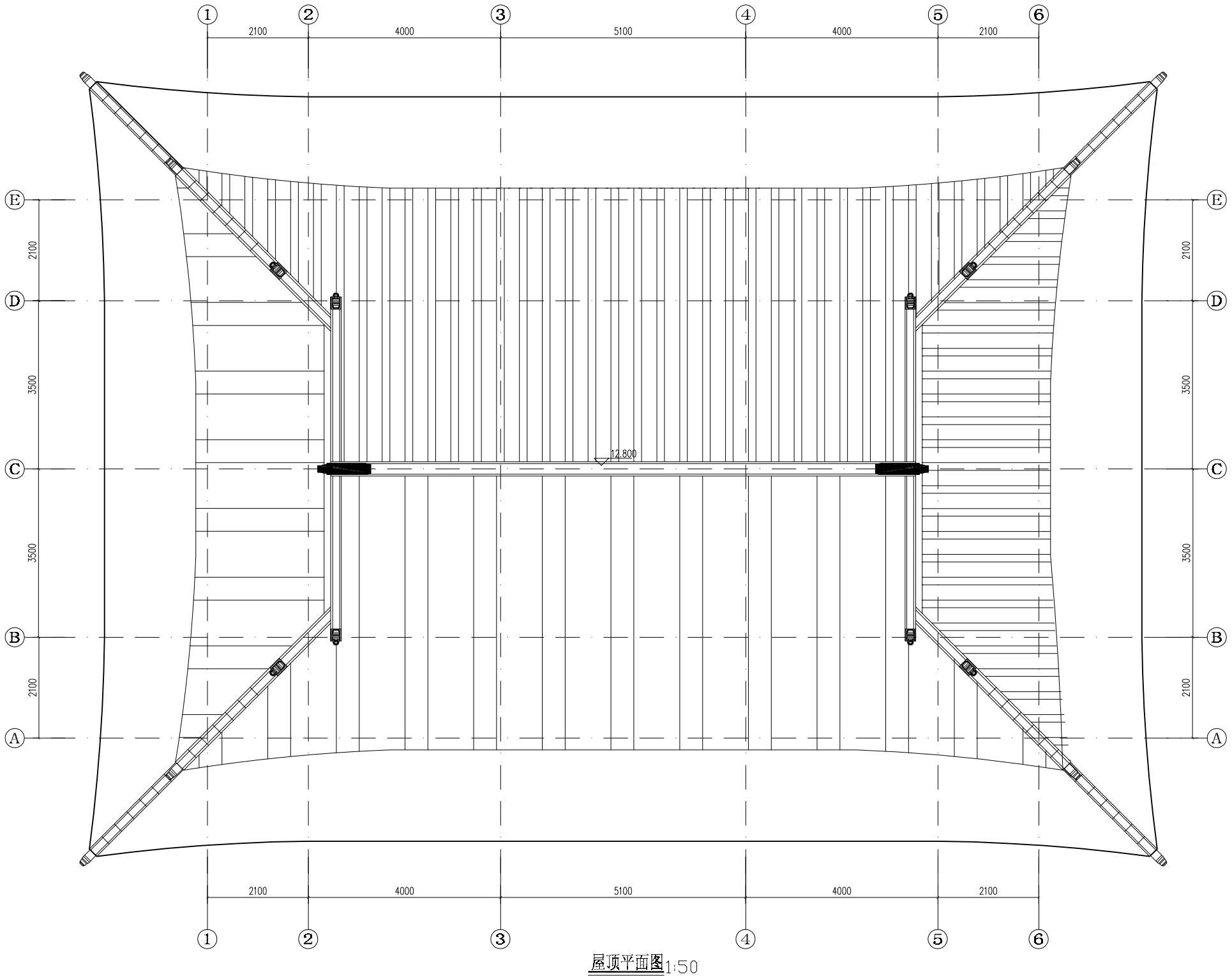
±0.000 (7.200)



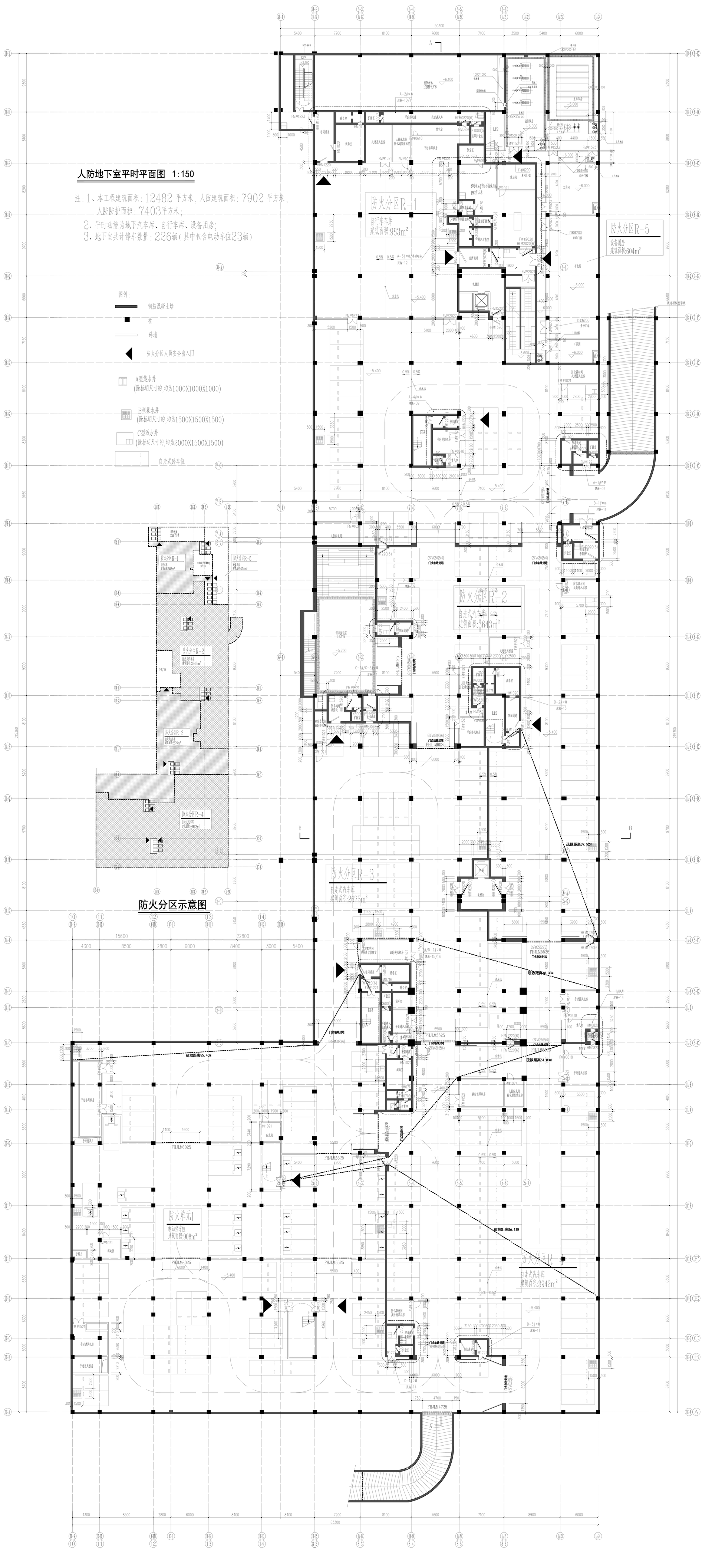
北大门 屋顶平面 1:100

出展


一层平面图 1:50
B -0.680
2090
1800
2100
4000
5100
4000
2100
1800
1470
3300
200
1699
200
3600
200
200
4700
200
3801
200
3599
200
1700
200
1900
200
1470
330
1
2
3
4
5
6
A
B
C
D
E
-0.680
±0.000
Ø400基桩
Ø500基桩
400×400×60基桩
PLT基础-01
PLT基础-02
PLT基础-03
PLT基础-04
PLT基础-05
PLT基础-06
PLT基础-07
PLT基础-08
PLT基础-09
PLT基础-10
PLT基础-11
PLT基础-12
PLT基础-13
PLT基础-14
PLT基础-15
PLT基础-16
PLT基础-17
PLT基础-18
PLT基础-19
PLT基础-20
PLT基础-21
PLT基础-22
PLT基础-23
PLT基础-24
PLT基础-25
PLT基础-26
PLT基础-27
PLT基础-28
PLT基础-29
PLT基础-30
PLT基础-31
PLT基础-32
PLT基础-33
PLT基础-34
PLT基础-35
PLT基础-36
PLT基础-37
PLT基础-38
PLT基础-39
PLT基础-40


1
2
3
4
5
6
2100
4000
5100
4000
2100
E
D
C
B
A
2100
3500
3500
2100
12.800

屋顶平面图1:50

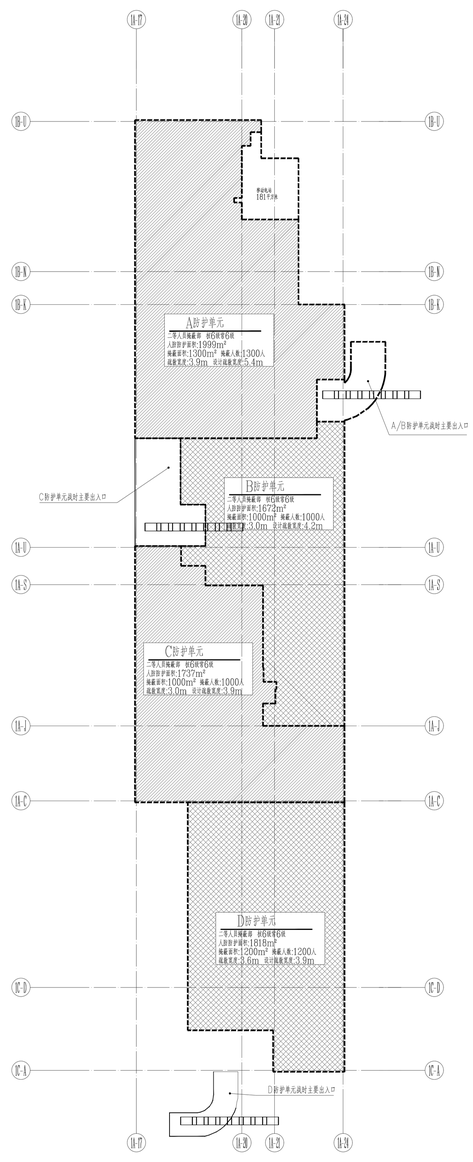

人防地下室平时平面图 1:150
注：1、本工程建筑面积：12482 平方米，人防建筑面积：7902 平方米，
人防防护面积：7403平方米；
2、平时功能为地下汽车库、自行车库、设备用房；
3、地下室共计停车数量：226辆（其中包含电动车位23辆）
图例：
钢筋混凝土墙
柱
砖墙
防火分区人员安全出口
A型集水井
(除标明尺寸的,均为1000X1000X1000)
B型集水井
(除标明尺寸的,均为1500X1500X1500)
C型污水井
(除标明尺寸的,均为2000X1500X1500)
自走式停车位
防火分区R-1
自行车车库
建筑面积:983m²
防火分区R-5
设备用房
建筑面积:604m²
防火分区R-2
自走式停车库
建筑面积:3643m²
防火分区R-3
自走式停车库
建筑面积:267m²
防火单元1
设备用房
建筑面积:308m²
防火分区R-4
自走式停车库
建筑面积:3942m²
疏散距离39.52m
疏散距离50.45m
疏散距离31.91m
疏散距离56.13m
防火分区示意图

人防地下室战时平面图 1:150

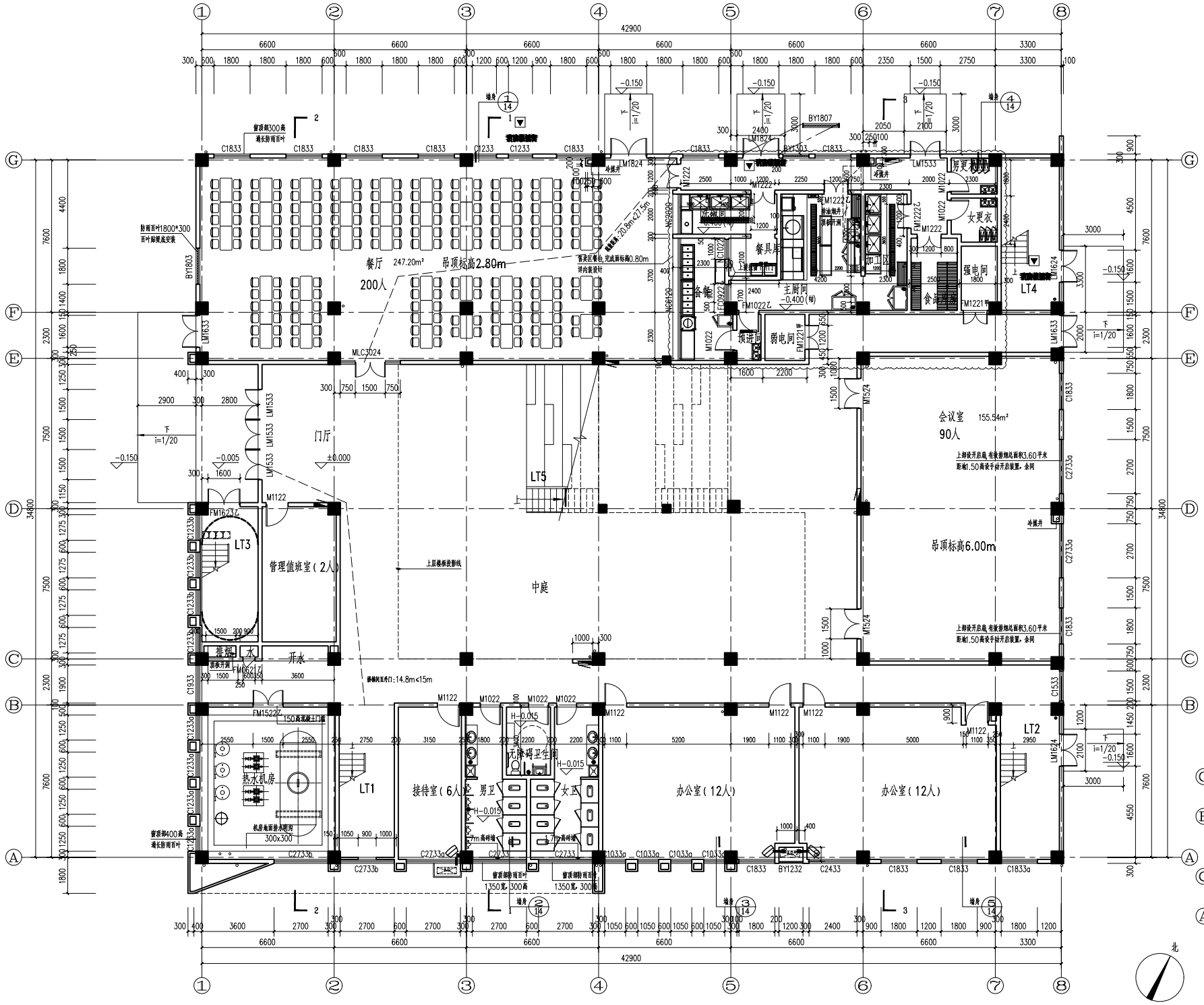
注：1、本工程建筑面积：12482 平方米，人防建筑面积：7902 平方米，
人防防护面积：7403平方米；
2、战时功能为二等人员掩蔽所、移动电站、
抗力级别：核6级、常6级；
3、战时分为4个防护单元。

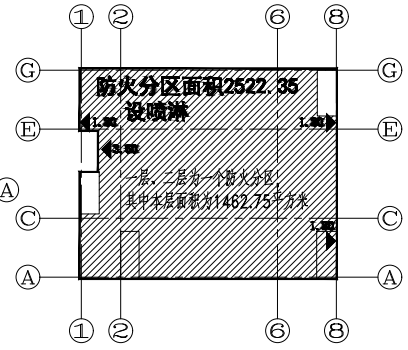
图例：

- 钢筋混凝土墙
- 柱
- 砖墙
- A型集水井 (除标明尺寸的,均为1000X1000X1000)
- B型集水井 (除标明尺寸的,均为1500X1500X1500)
- C型污水井 (除标明尺寸的,均为2000X1500X1500)
- 战时砌筑砖墙
- 战时抗爆隔墙 高度<1800 做法见结构专业补充,最小厚度500



防护单元示意图





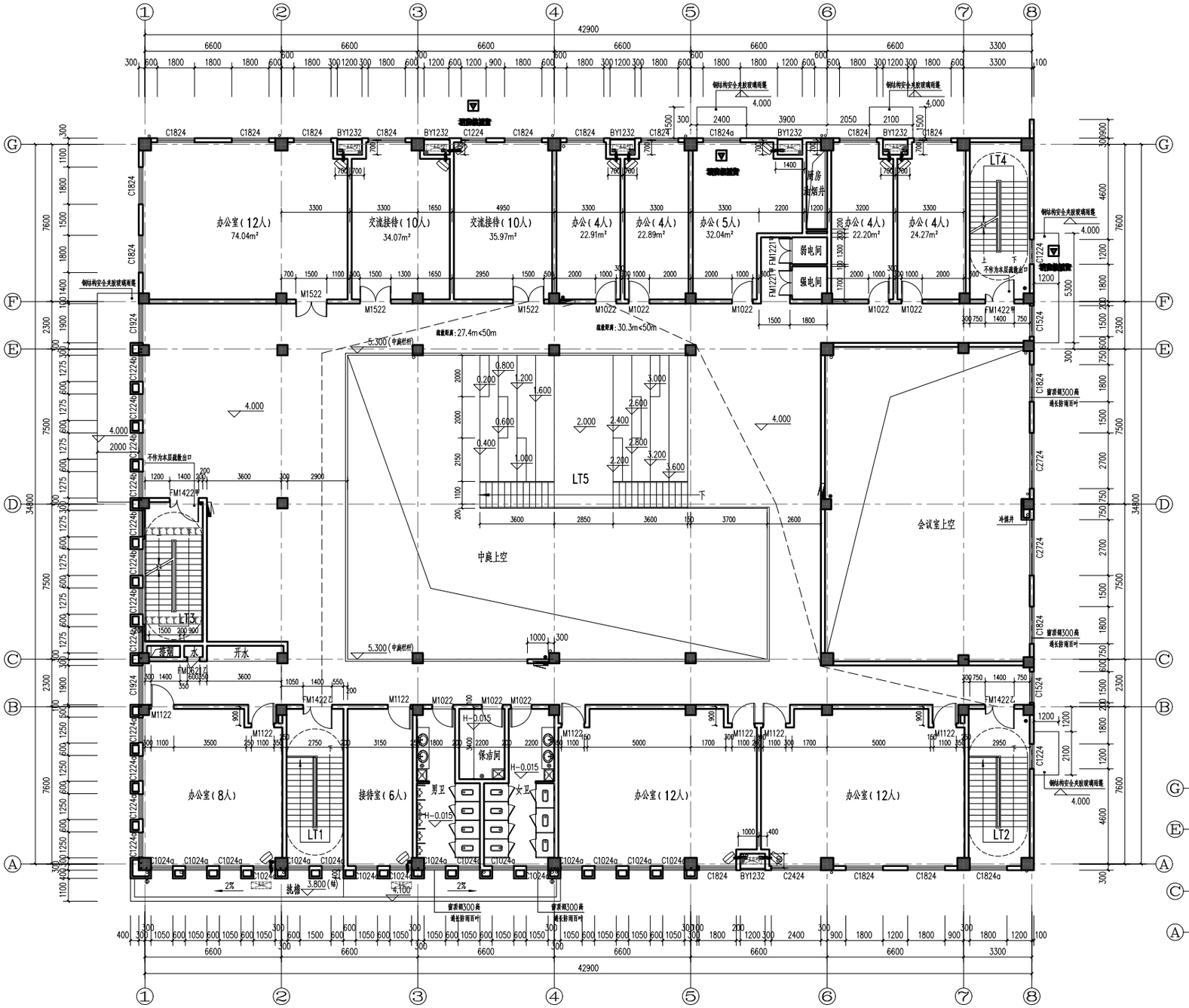
一层防火分区示意图

一层平面 1:100

总建筑面积4998.06平方米
本层建筑面积1511.43平方米

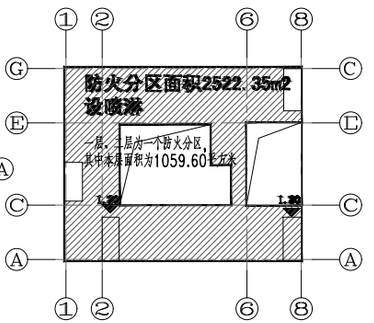
云线以外部分本次设计未修改

本层分区面积 ㎡	疏散计算人数 (人)	百人疏散宽度 m/100人	应设疏散宽度 m	实际设计疏散宽度 m	满足情况
1462.75	200(餐厅)+10(厨房) 90(会议) 38(办公、接待、值班)	1.00	3.38m	1.2m+1.2m+1.8+3.6=7.8m	满足



二层平面 1:100

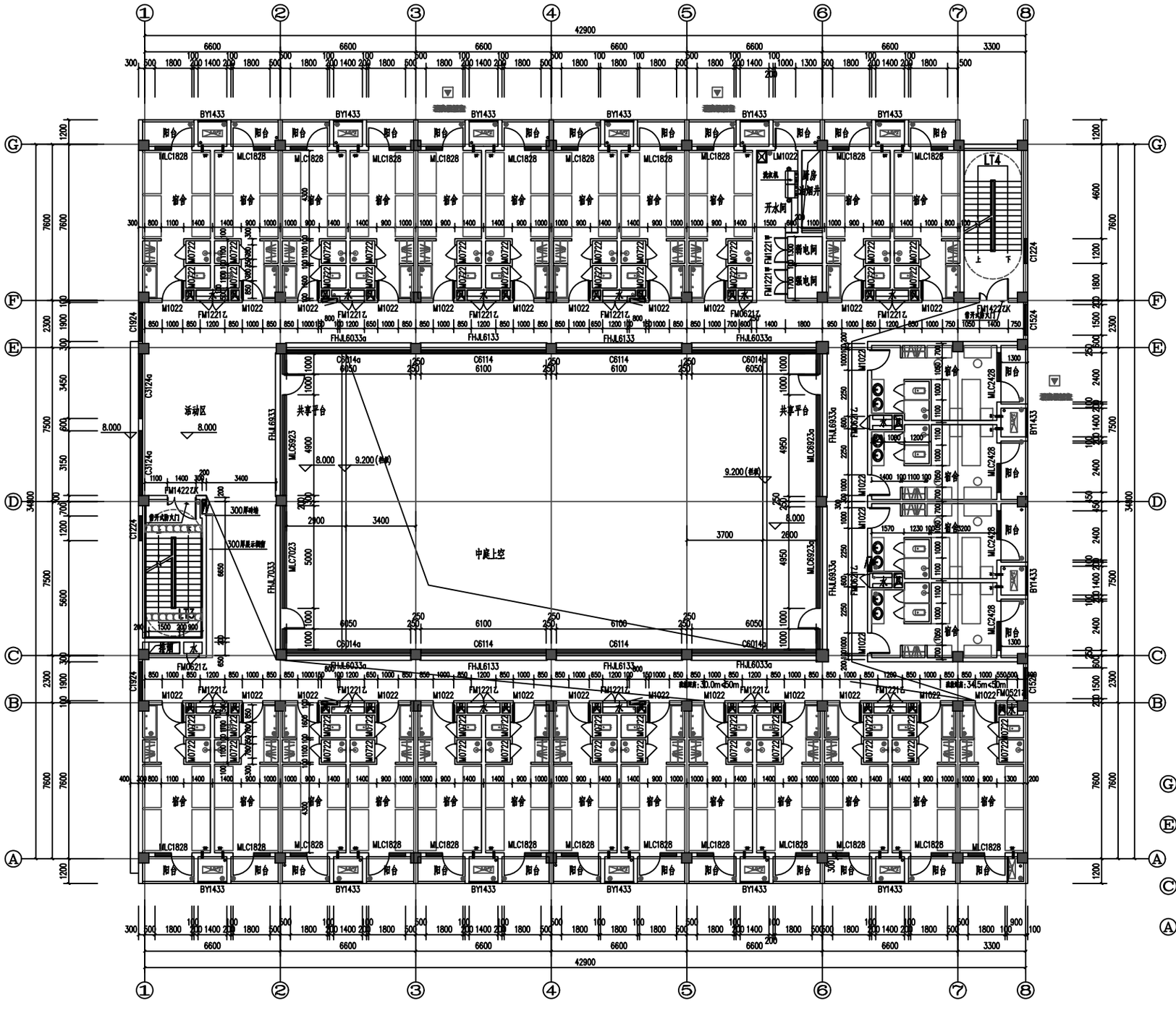
本层建筑面积1108.27平方米



二层防火分区示意图

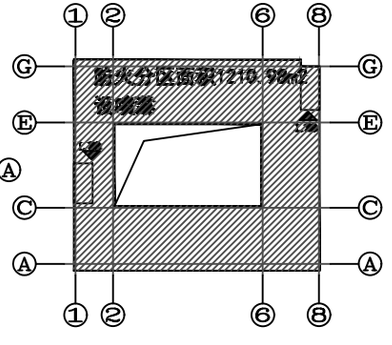
一层、二层为一个防火分区,其中本层面积为1059.60平方米

本层分区面积(㎡)	疏散计算人数(人)	百人疏散宽度(m/100人)	应设疏散宽度(m)	实际设计疏散宽度(m)	满足情况
1059.60	91(办公、接待)	1.00	0.91m	1.2m+1.2m=2.4m	满足



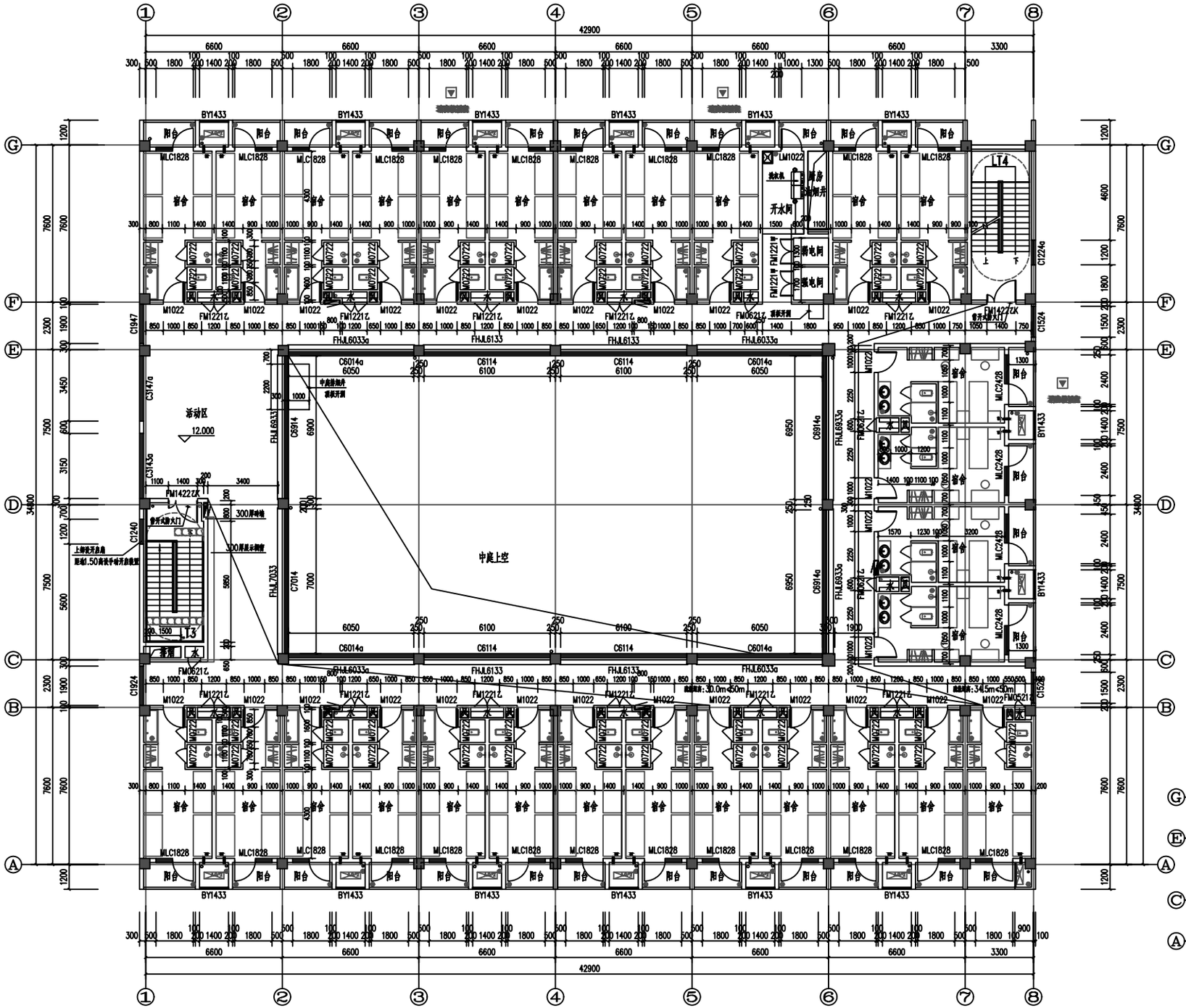
三层平面 1:100

本层建筑面积1210.98平方米



三层防火分区示意图

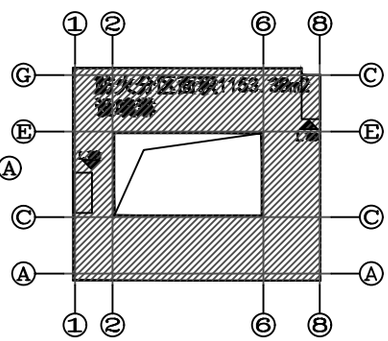
本层分区面积 ㎡	疏散计算人数 (人)	百人疏散宽度 m/100人	应设疏散宽度 m	实际设计疏散宽度(m)	满足情况
1210.98	4×24+2×4=104人	1.00	1.04m	1.2m+1.2m=2.4m	满足



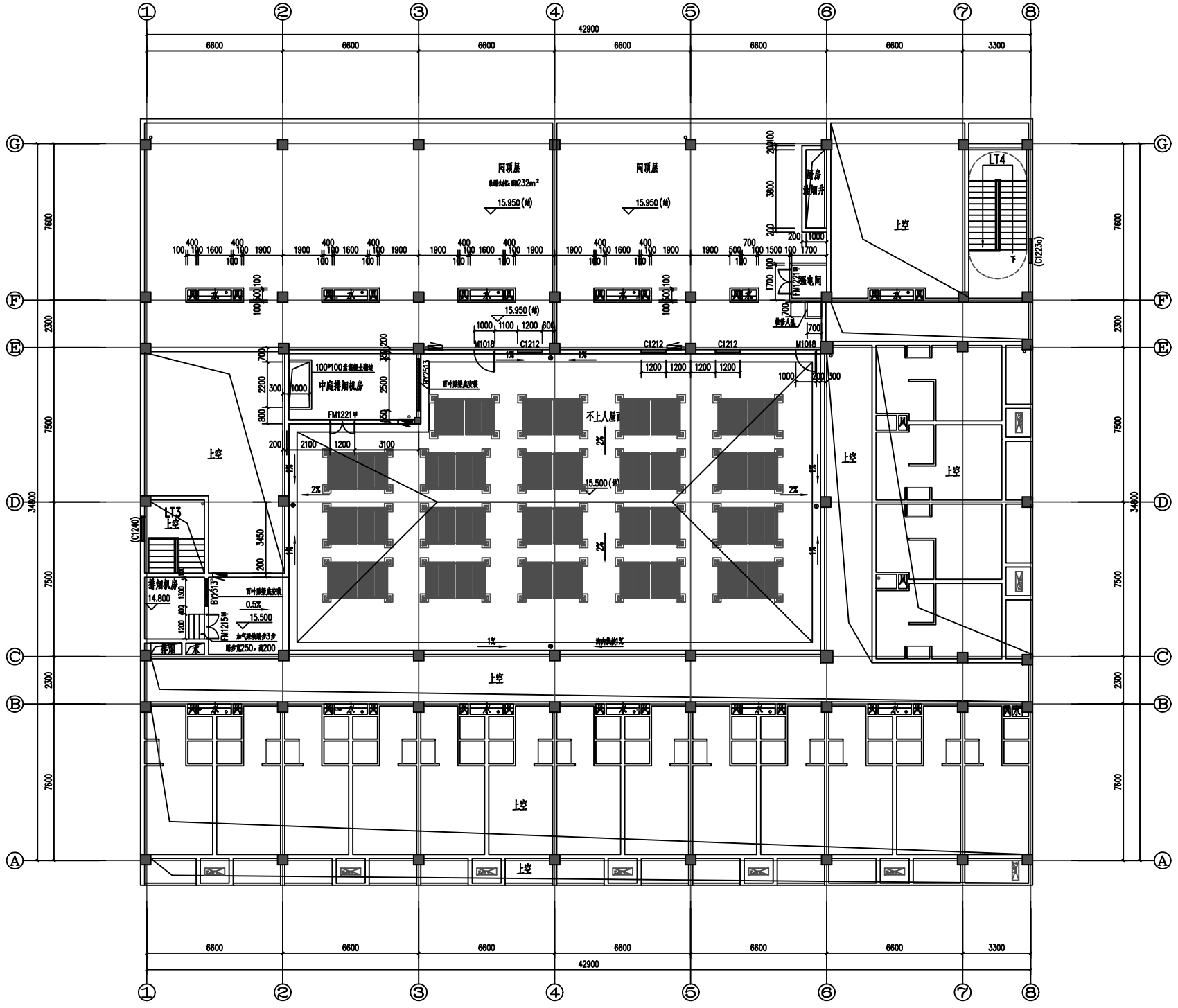
四层平面 1:100

本层建筑面积1153.38平方米

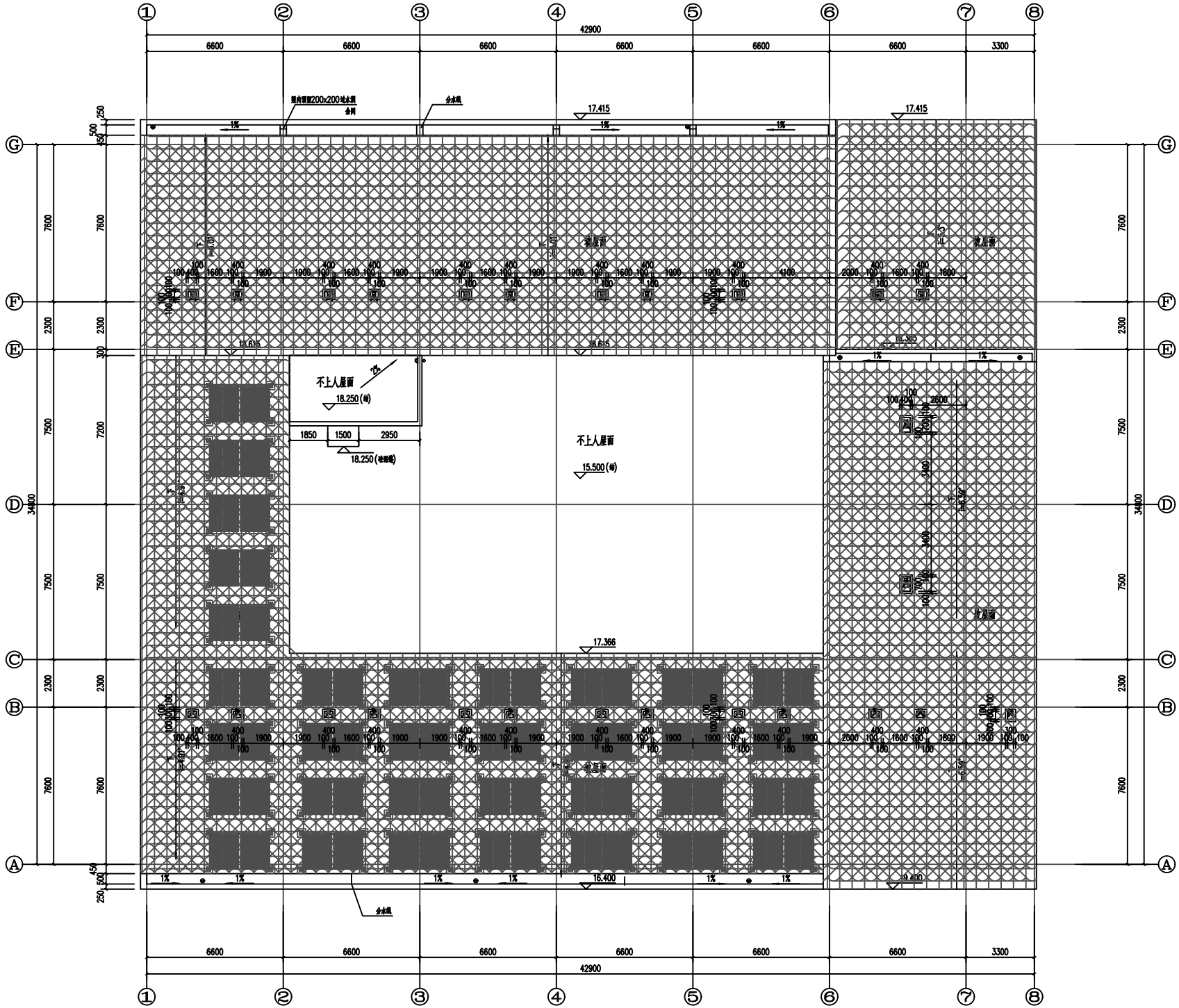
本层分区面积 (㎡)	疏散计算人数 (人)	百人疏散宽度 (m/100人)	应设疏散宽度 (m)	实际设计疏散宽度(m)	满足情况
1153.38	4104+234=104人	1.05	1.09m	1.2m+1.2m=2.4m	满足



四层防火分区示意图


①
②
③
④
⑤
⑥
⑦
⑧
Ⓖ
Ⓕ
Ⓔ
Ⓓ
Ⓒ
Ⓑ
Ⓐ
42900
6600
3300
7600
2300
7500
3400
同顶层
15.950(标)
上空
不上人屋面
LT4
LT3
中庭排烟机房
排烟机房
14.800
15.500(标)
15.500
0.5%
2%
1%
M1018
C1212
FM1221甲
FM1215甲
BY2513
(C1223a)
(C1240)

阁顶层平面 1:100


①
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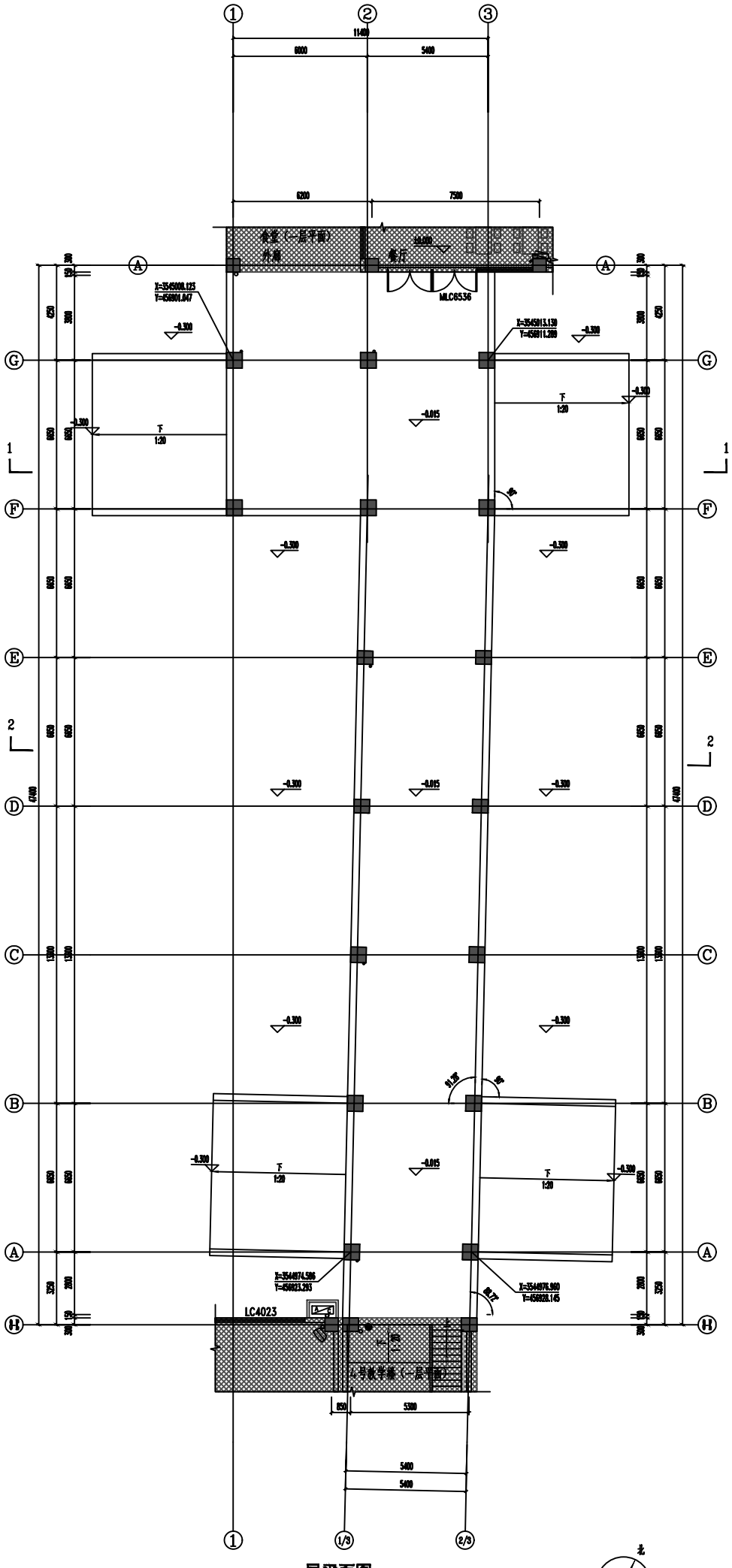
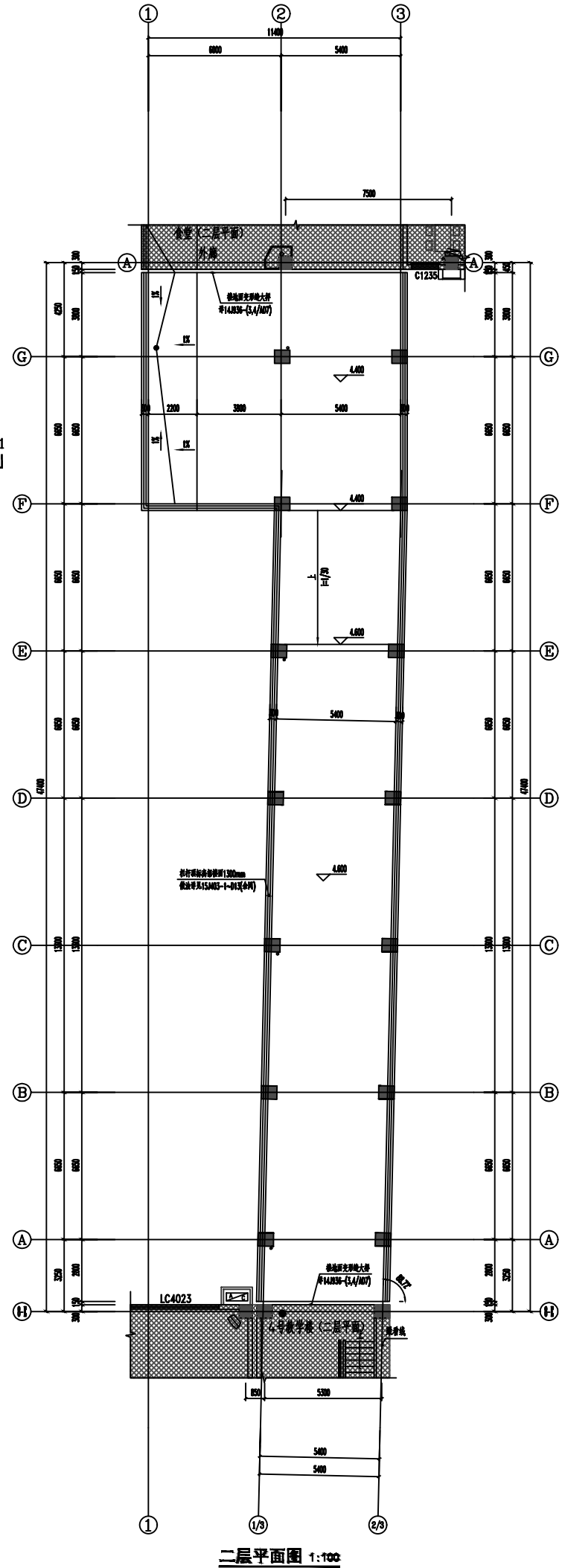
Ⓑ
Ⓐ
42900
6600
3300
7600
2300
300
7500
7200
34400
450
500
250
1%
17.415
18.615
18.250(檐)
18.250(老檐线)
15.500(檐)
17.366
16.400
9.600
不上人屋面
1850
1500
2950
2600
3400
女儿墙
屋面
分水线

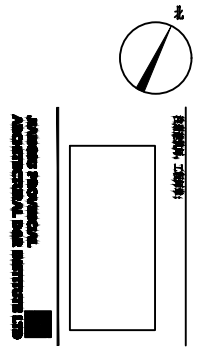
屋顶平面 1:100

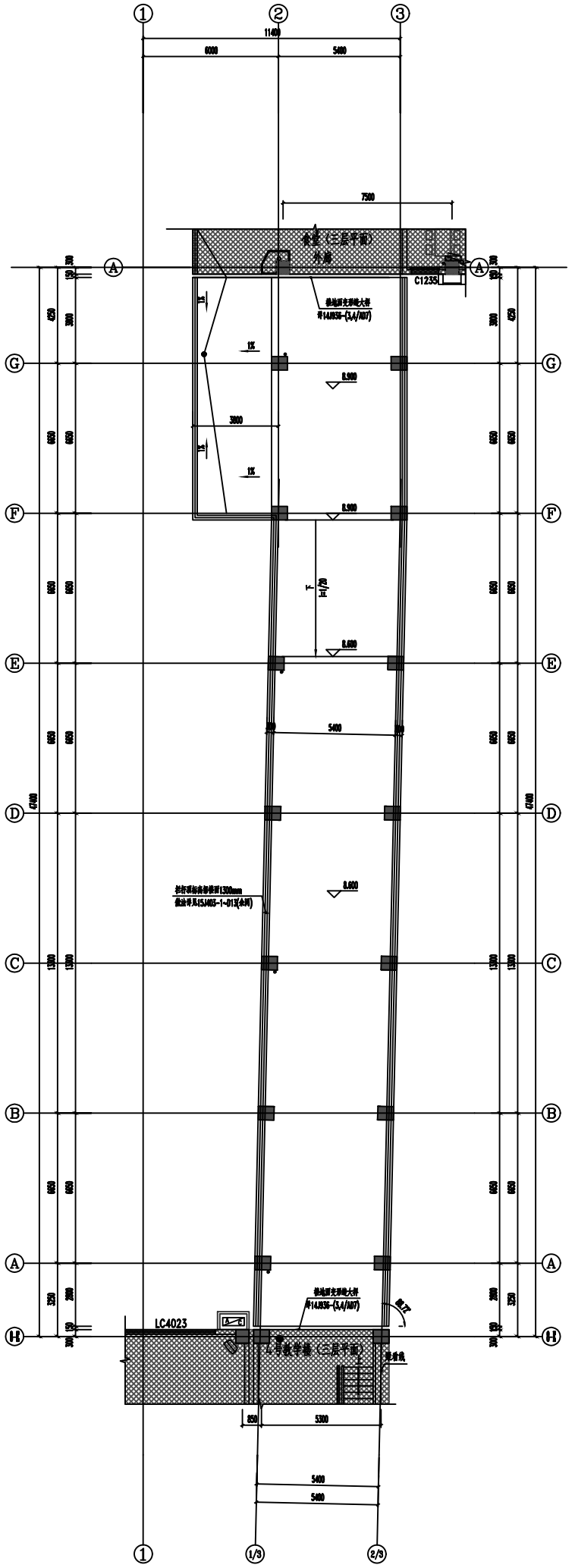


一层平面图 1:100

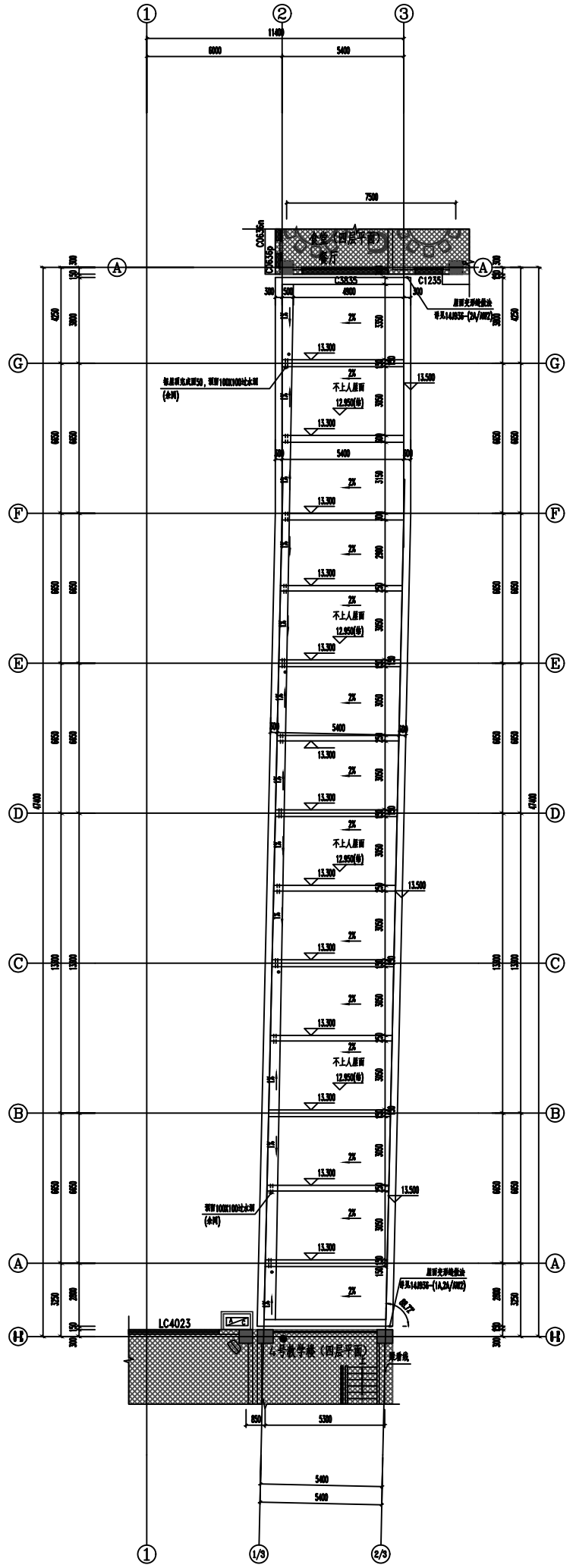


二层平面图 1:100

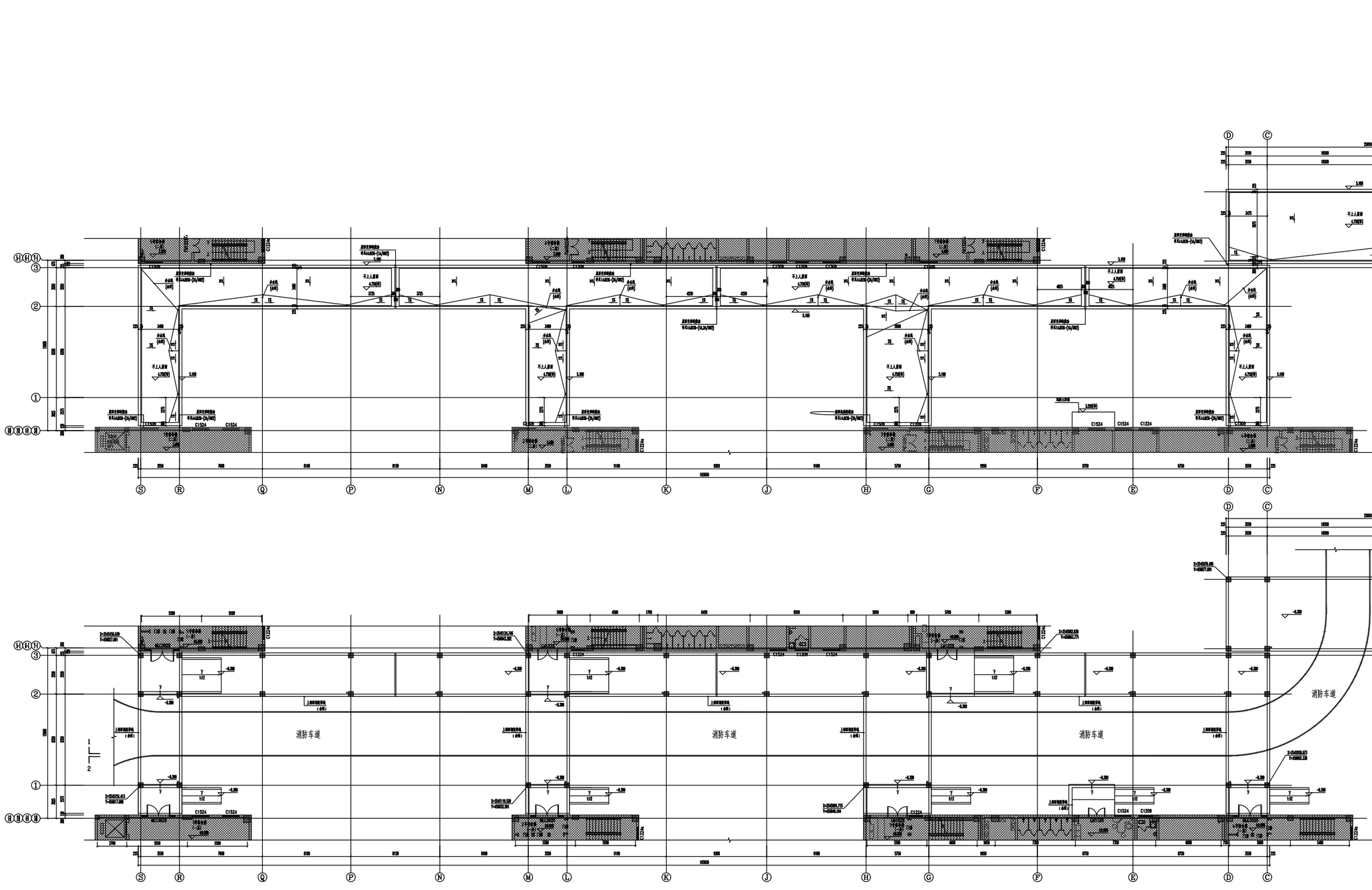


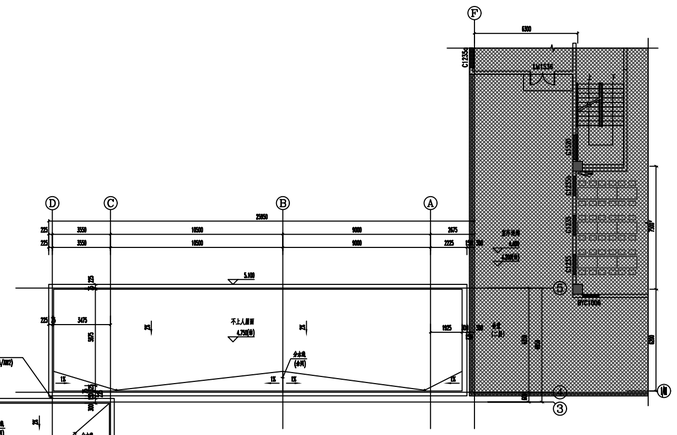


三层平面图 1:100

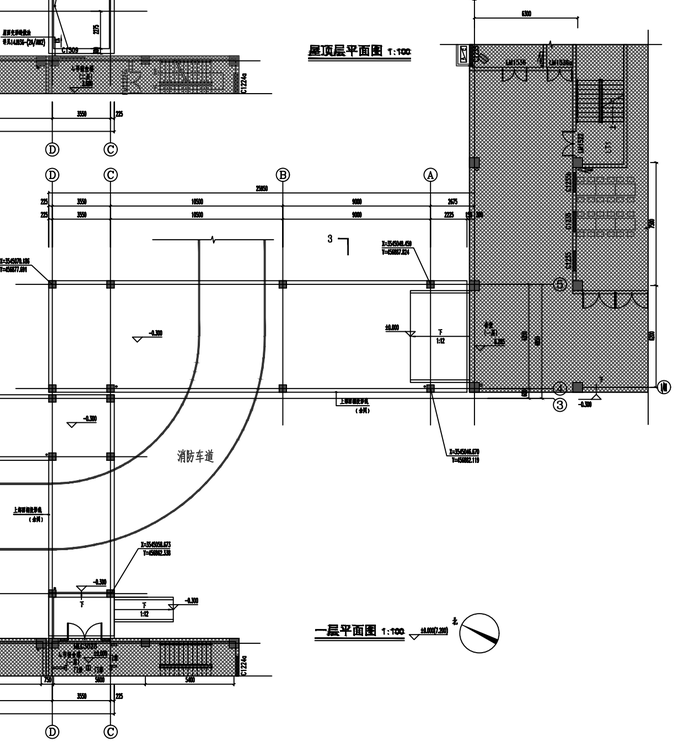


屋顶层平面图 1:100

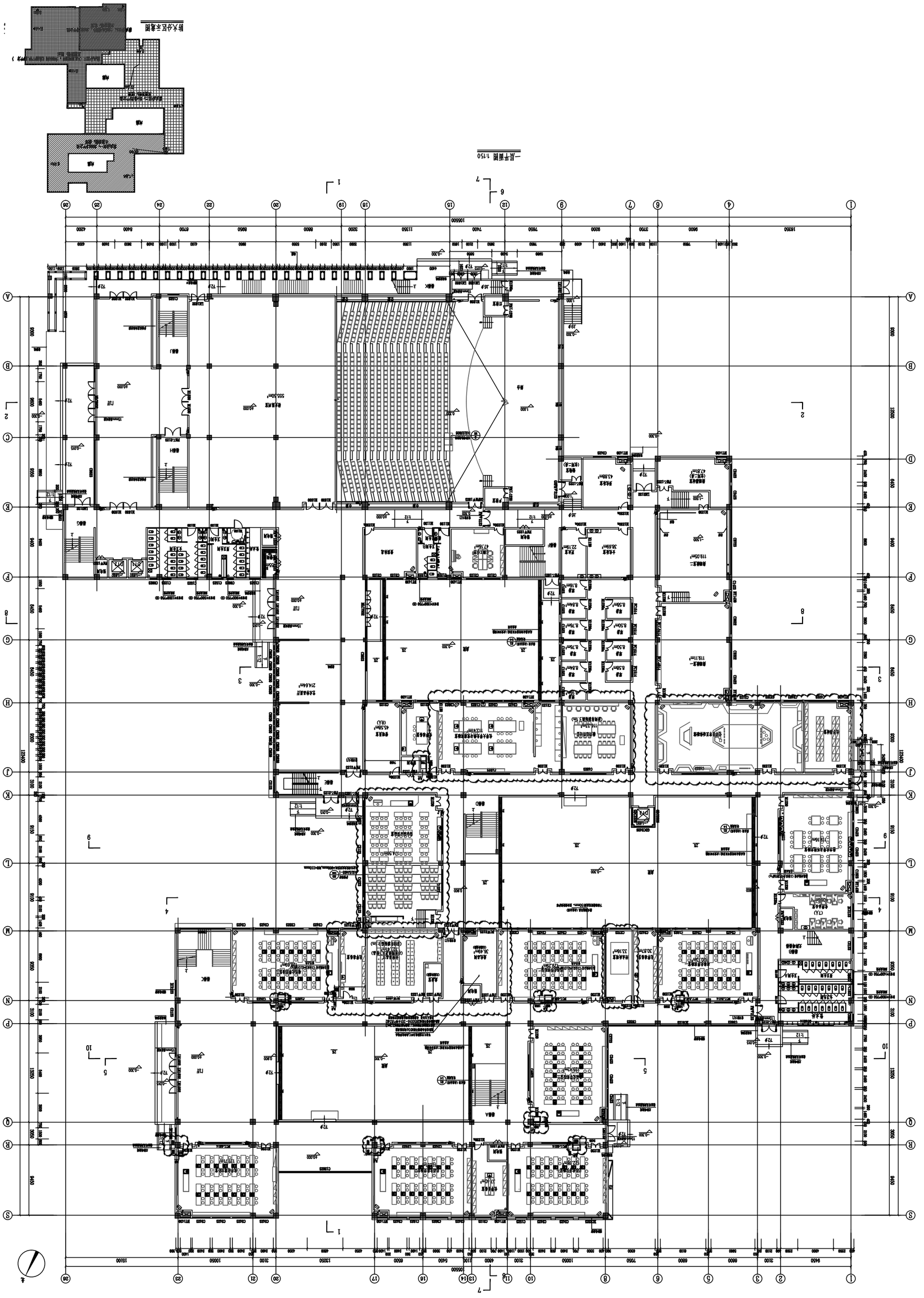


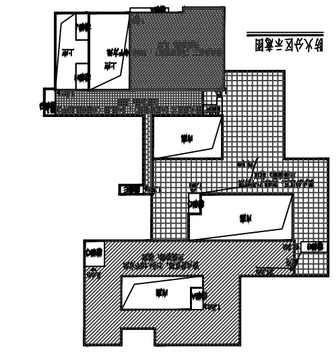


屋顶层平面图 1:100



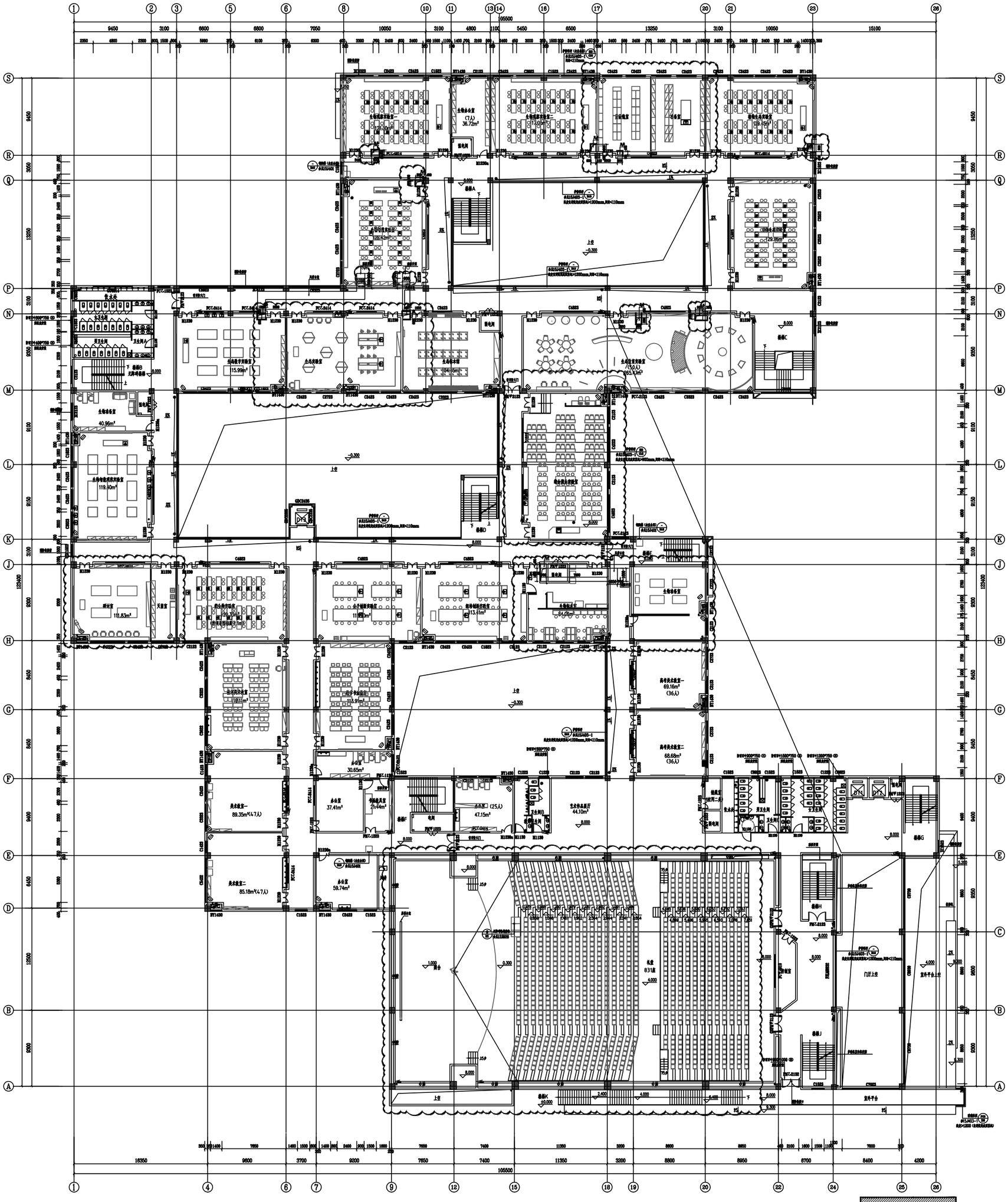
一层平面图 1:100


一层平面图 1:150
防火分区示意图

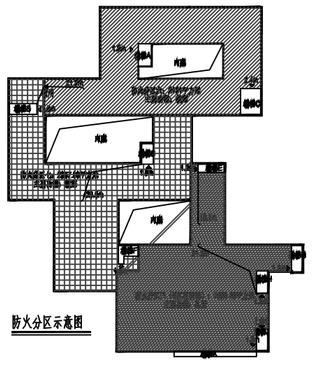


防火分区示意图

二层平面图 1:150

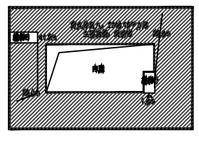


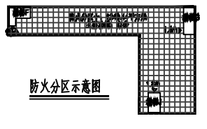
三层平面图 1:150



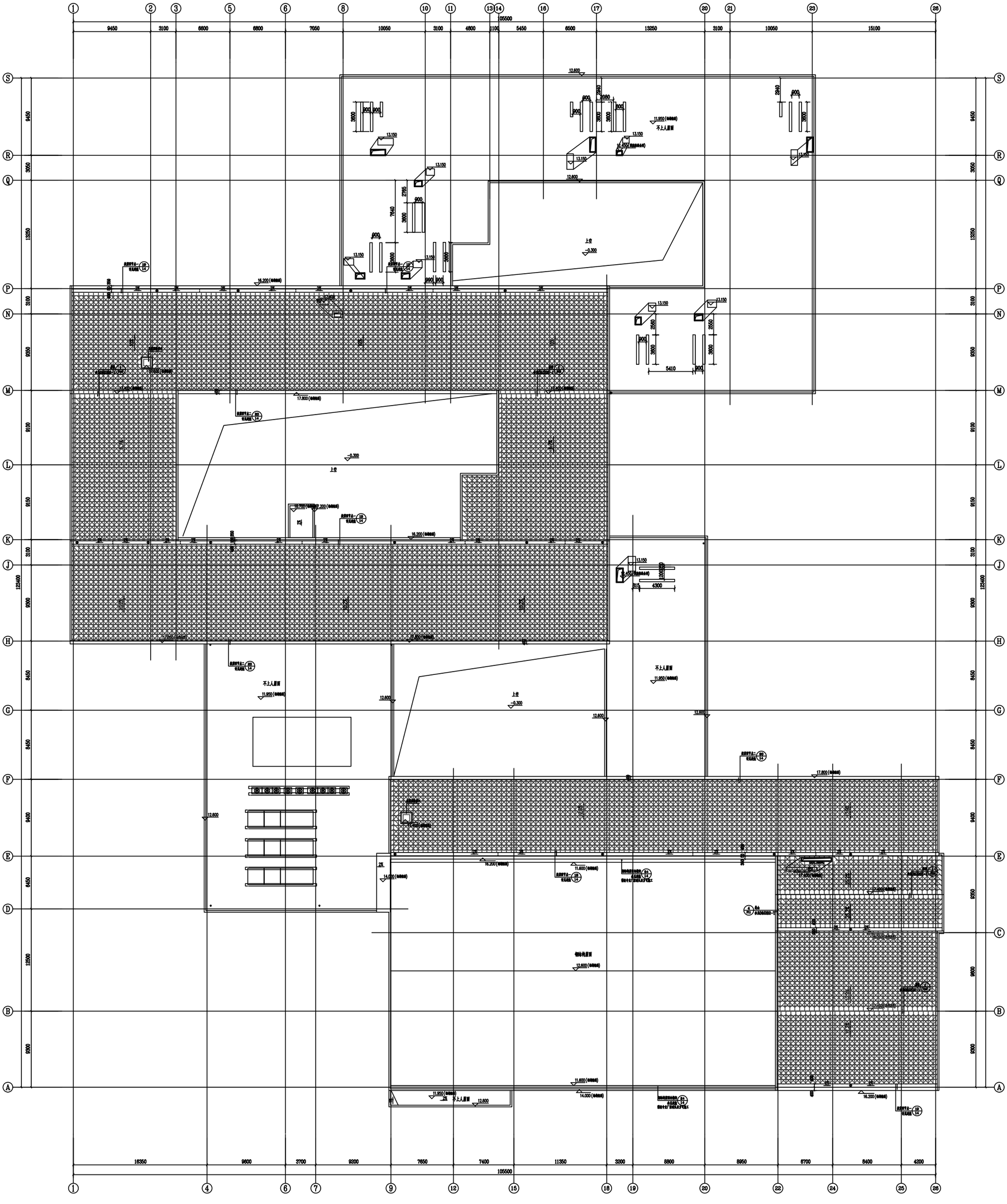
防火分区示意图

四层平面图 1:150

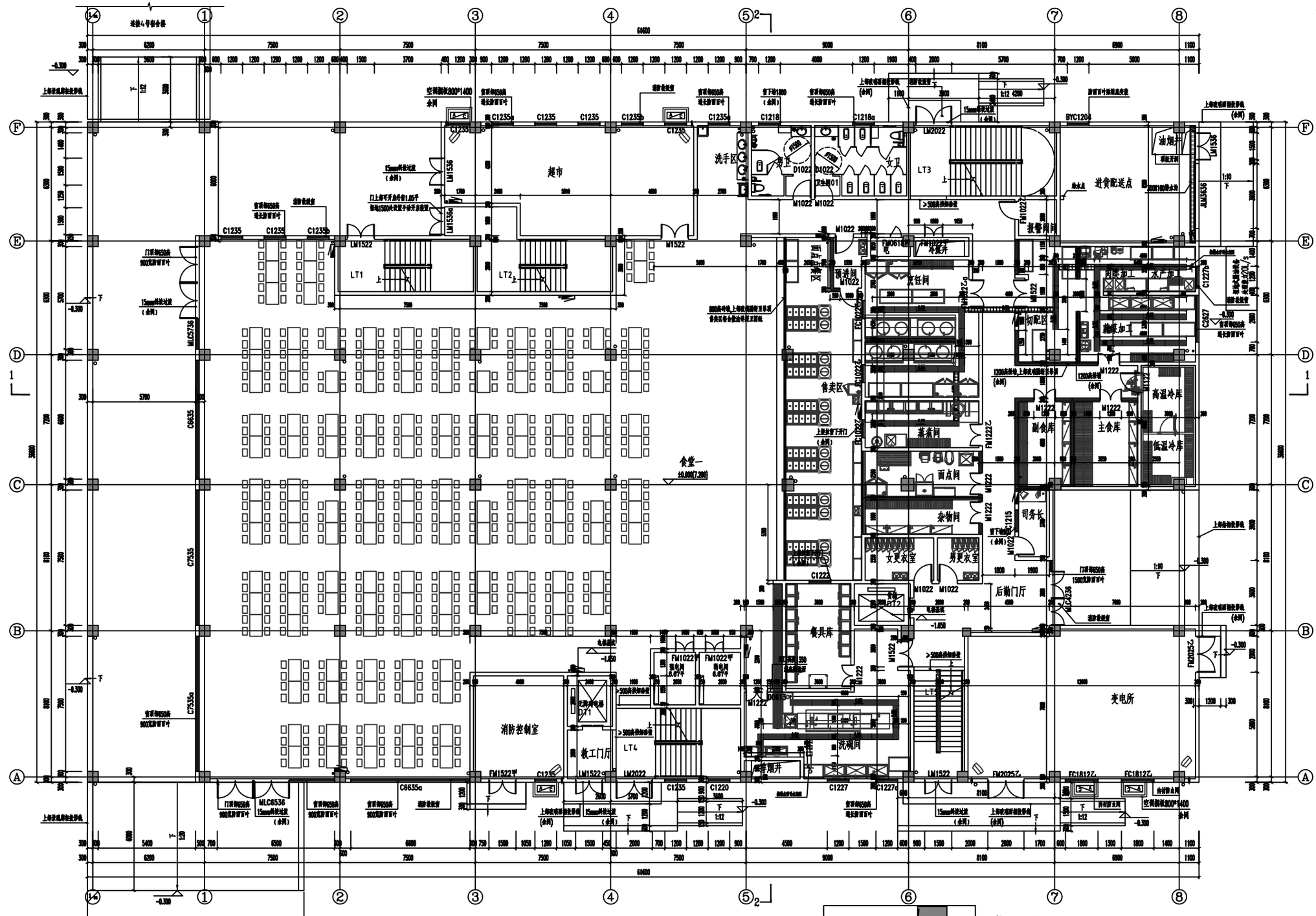




防火分区示意图


不上人屋面
11.950(48mm)
上空
-0.300
12.600
17.800(48mm)
16.200(48mm)
14.000(48mm)
11.600(48mm)
屋顶花园
12.600(48mm)
105500
125400

屋顶层平面图 1:150


超市
洗手区
男卫
女卫
进货配送点
报警间
油烟井
售卖区
食堂一
10.000(7.200)
烹饪间
预进间
切配区
肉类加工
水产加工
蔬菜加工
高温冷库
副食库
主食库
低温冷库
蒸煮间
面点间
杂物间
司务长
女更衣室
男更衣室
后勤门厅
餐具库
变电所
消防控制室
教工门厅
洗刷间
厨房烟井
LT1
LT2
LT3
LT4
售卖区餐台:800高砖墙,上部玻璃隔断至吊顶
厨房隔断1:1200高绞墙,上部玻璃隔断至吊顶
厨房隔断2:1200高绞墙
厨房地沟
具体做法详见厨卫公司图纸
一层平面图 1:100
注:结构标高H-0.40m
总建筑面积:6998.14平方米
本层建筑面积:1888.53平方米
一层防火分区示意图
注:本建筑设置自动喷淋

售卖区餐台:800高砖墙,上部玻璃隔断至吊顶

厨房隔断1：1200高矮墙,上部玻璃隔断至吊顶

厨房隔断2：1200高矮墙

厨房地沟

具体做法详见厨卫公司图纸

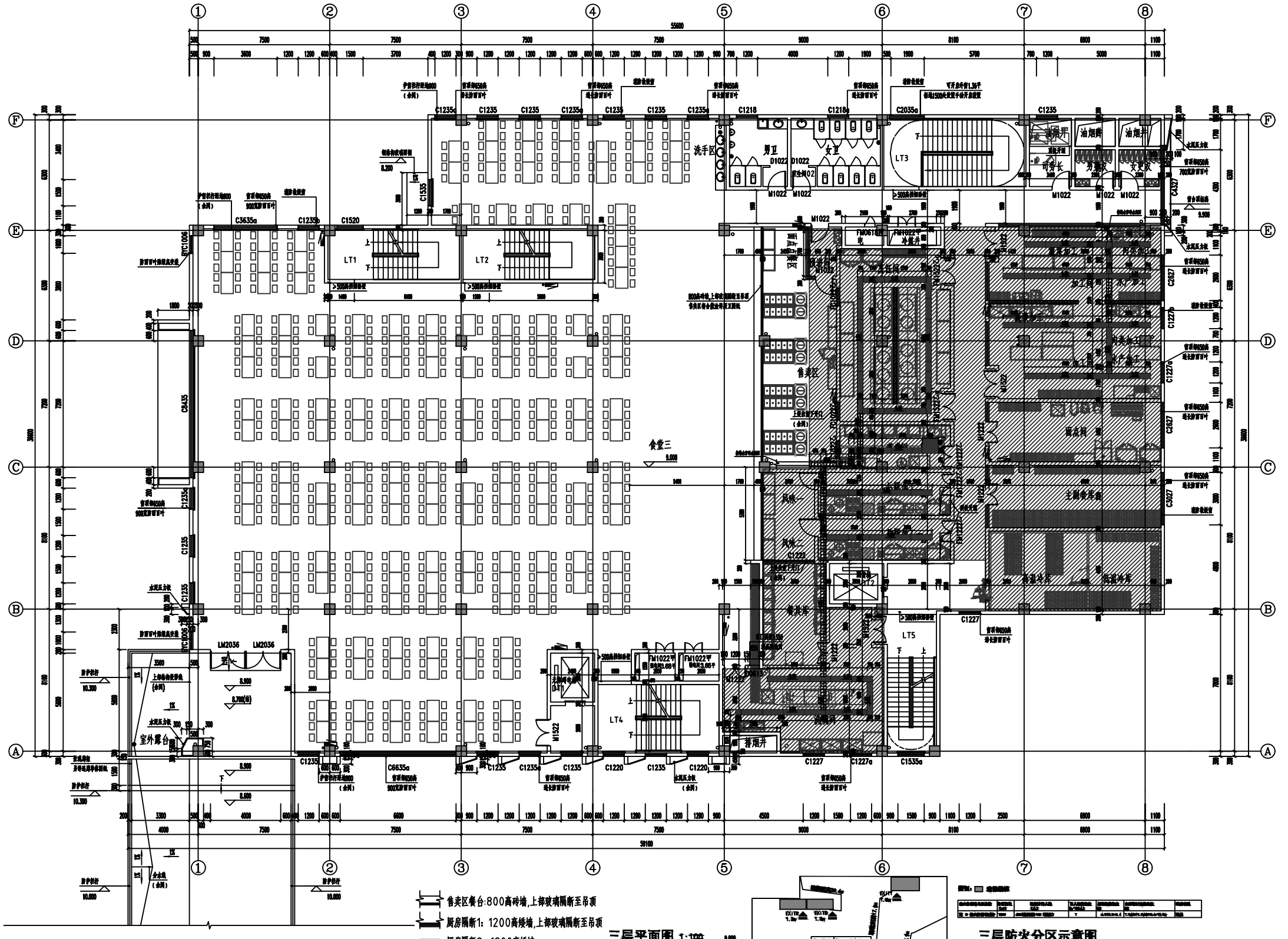
二层平面图 1:100

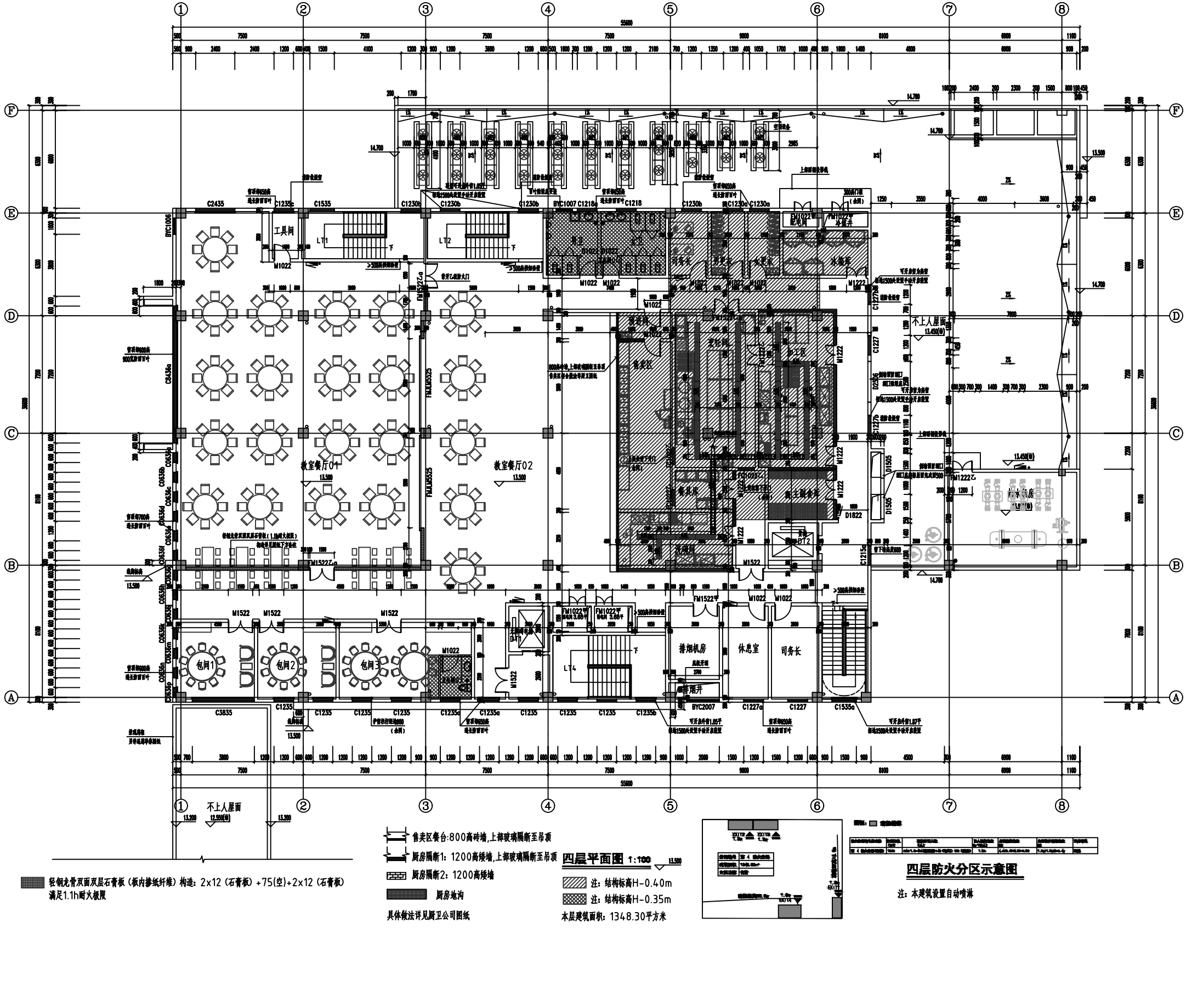
注：结构标高H-0.40m

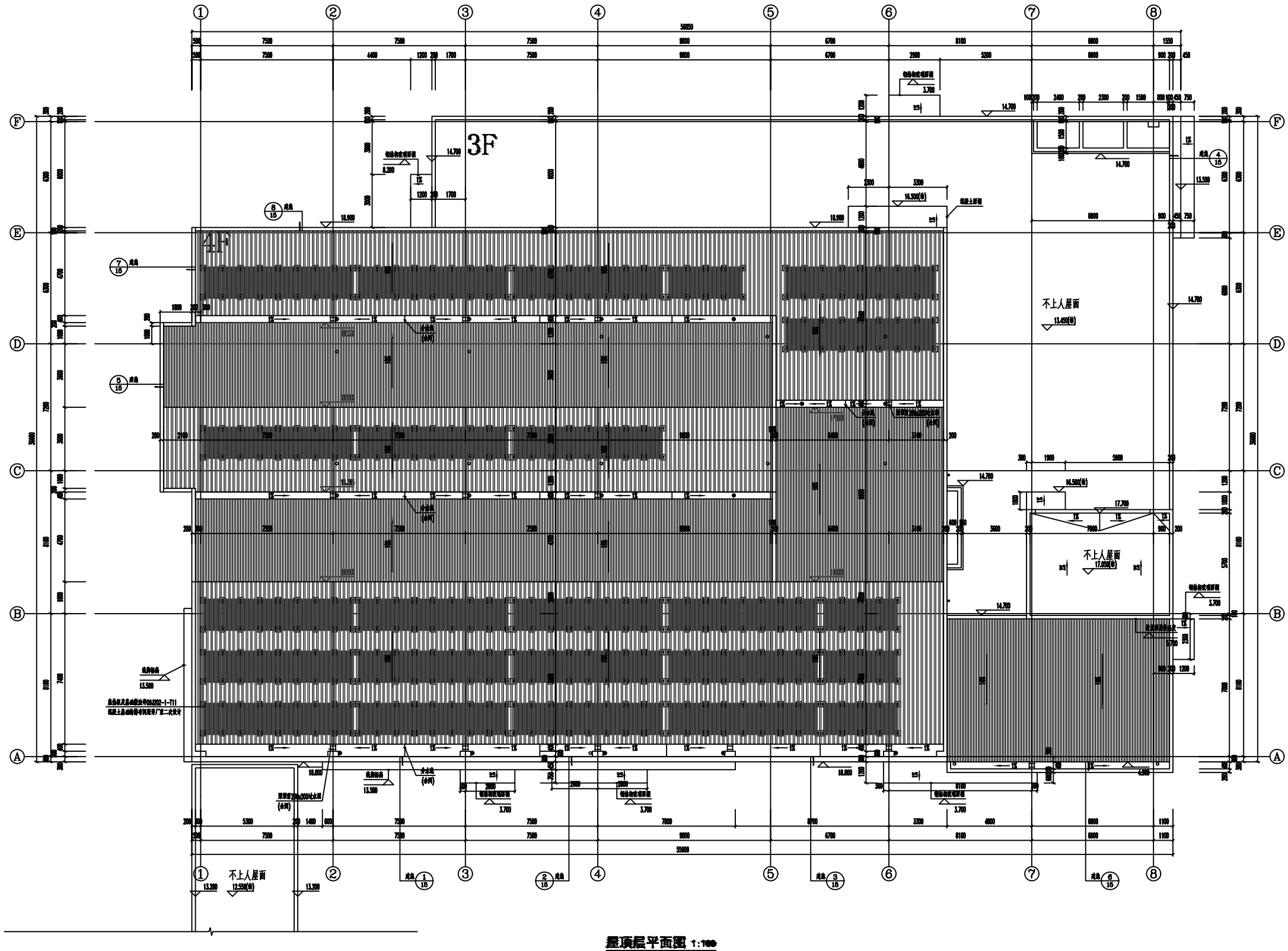
本层建筑面积：1896.71平方米

二层防火分区示意图

注：本建筑设置自动喷淋

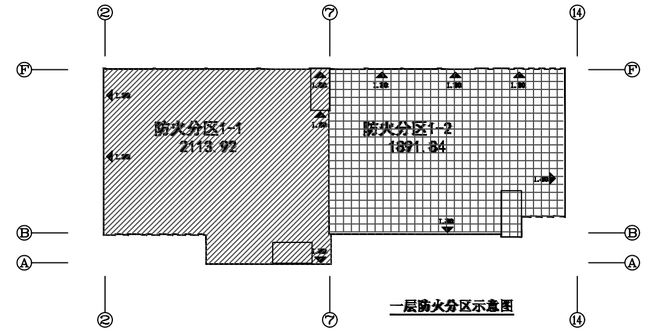

洗手区
男卫
女卫
LT3
油烟井
男更衣
女更衣
LT1
LT2
售卖区
食堂三
风味一
风味二
主副食库
荤菜库
高温冷库
低温冷库
LT5
LT4
排烟井
室外露台
售卖区餐台:800高砖墙,上部玻璃隔断至吊顶
厨房隔断1：1200高矮墙,上部玻璃隔断至吊顶
厨房隔断2：1200高矮墙
厨房地沟
具体做法详见厨卫公司图纸
三层平面图 1:100
注：结构标高H-0.40m
本层建筑面积：1864.60平方米
三层防火分区示意图
注：本建筑设置自动喷淋


教室餐厅01
教室餐厅02
包间1
包间2
包间3
工具间
备菜区
加工区
冰箱库
司务长
休息室
排烟机房
主副食库
餐具库
洗碗间
烹饪间
不上人屋面
13.450(标)
不上人屋面
12.950(标)
13.200
13.500
14.700
售卖区餐台:800高砖墙,上部玻璃隔断至吊顶
厨房隔断1：1200高绞墙,上部玻璃隔断至吊顶
厨房隔断2：1200高绞墙
厨房地沟
具体做法详见厨卫公司图纸
四层平面图 1:100
注：结构标高H-0.40m
注：结构标高H-0.35m
本层建筑面积：1348.30平方米
四层防火分区示意图
注：本建筑设置自动喷淋
轻钢龙骨双面双层石膏板（板内掺纸纤维）构造：2x12（石膏板）+75(空)+2x12（石膏板）
满足1.1h耐火极限

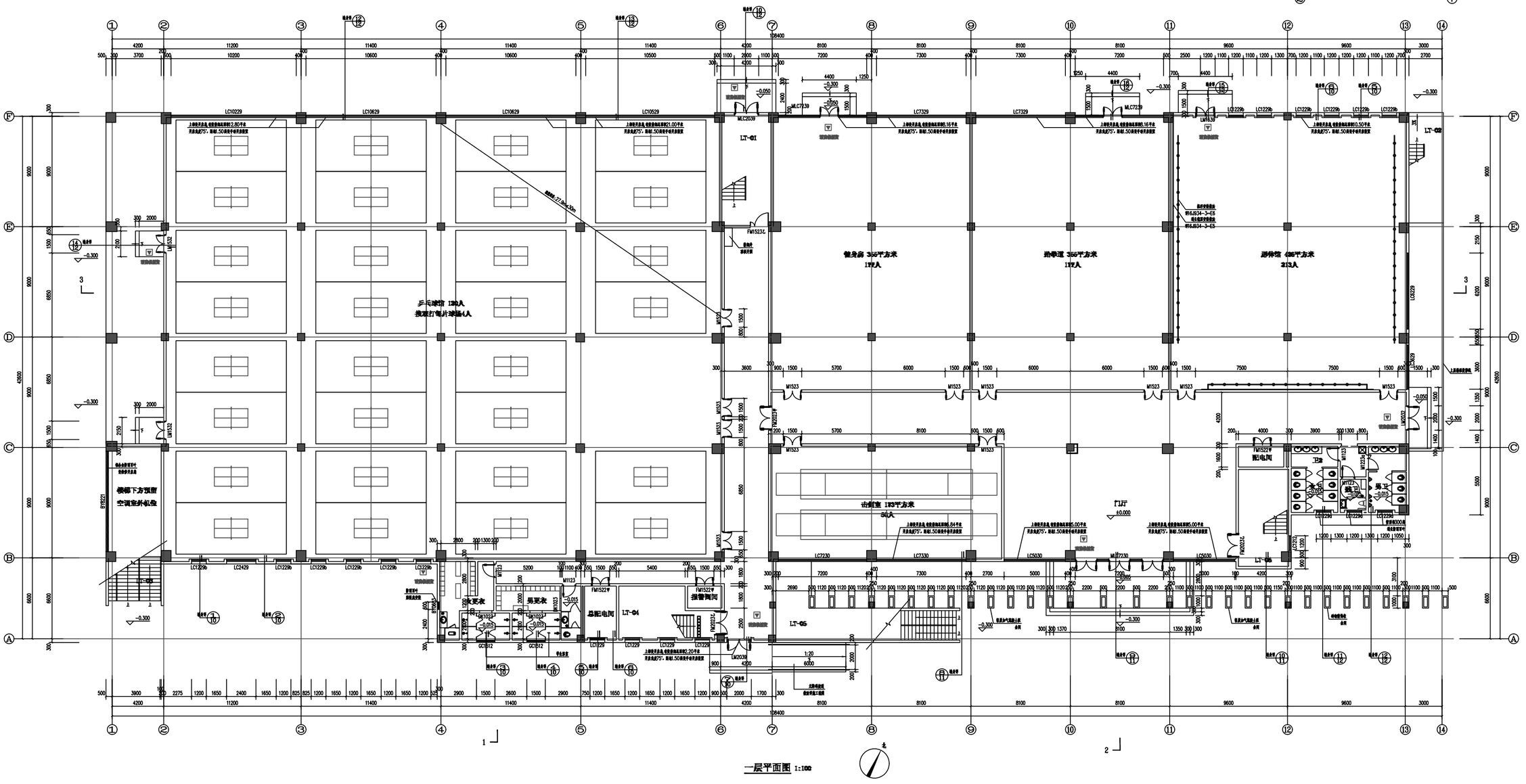

3F
不上人屋面
13.450(标)
不上人屋面
17.050(标)
不上人屋面
12.550(标)
13.200
13.200
13.500
16.500(标)
17.700
14.700
18.900
18.000
3.700
13.500

屋顶层平面图 1:100

	本层分区面积 ㎡	疏散计算人数 (人)	百人疏散宽度 m/100人	应设疏散宽度 m	实际设计疏散宽度 m	满足情况
防火分区1-1	2113.92	1304人	0.95	9.9m	1.2m+1.2m+1.2m+1.2m+4m	满足
防火分区1-2	1891.84	617人	0.95	4.65m	1.2m+1.2m+7.2m	满足



一层防火分区示意图


健身房 356平方米
172人
跑步道 356平方米
172人
游泳馆 486平方米
213人
乒乓球馆 132人
按摩打气片球场4人
击剑室 183平方米
56人
LT-01
LT-02
LT-03
LT-04
LT-05
LT-06
总配电间
弱电间
配电间
男更衣
女更衣
男卫
女卫
卫生
门厅
±0.000
楼梯下方预留
空调室外机位
LC10229
LC10529
LC10629
LC7329
LC7230
LC7330
LC5030
LC1229b
LC1229
LC2429
LC2229
LC1229a
LC1229b
LC1229c
LC1229d
LC1229e
LC1229f
LC1229g
LC1229h
LC1229i
LC1229j
LC1229k
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LC1229m
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LC1229af
LC1229ag
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LC1229aj
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LC1229an
LC1229ao
LC1229ap
LC1229aq
LC1229ar
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LC1229at
LC1229au
LC1229av
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LC1229cj
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LC1229cl
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LC1229co
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LC1229dn
LC1229do
LC1229dp
LC1229dq
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LC1229eq
LC1229er
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LC1229oo
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LC1229yp
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LC1229yr
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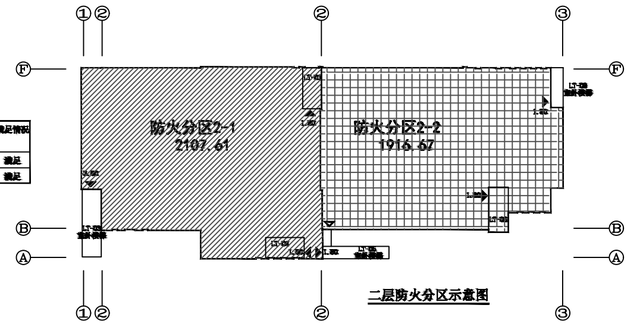
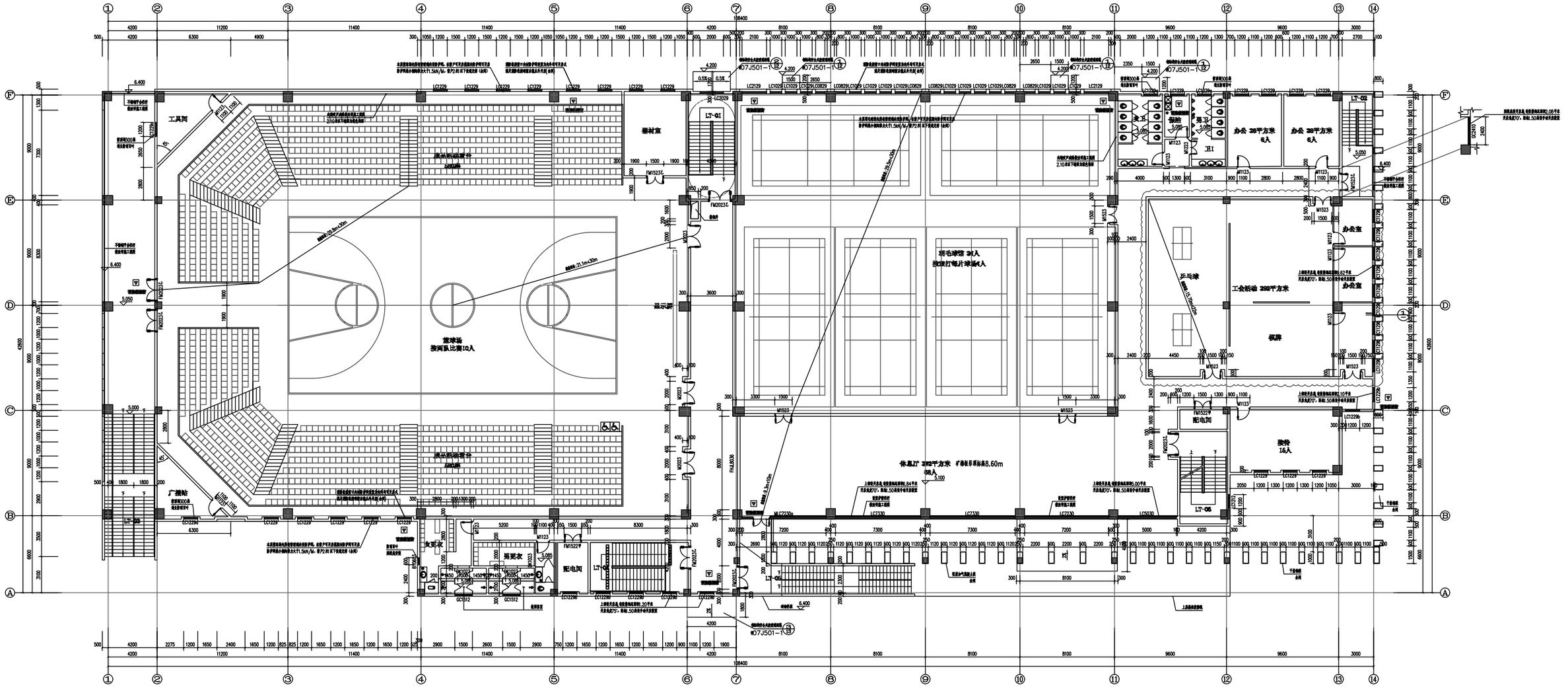
LC1229cbg
LC1229cbh
LC1229cbi
LC1229cbj
LC1229cbk
LC1229cbl
LC1229cbm
LC1229cbn
LC1229cbo
LC1229cbp
LC1229cbq
LC1229cbr
LC1229cbs
LC1229cbt
LC1229cbu
LC1229cbv
LC1229cbw
LC1229cbx
LC1229cby
LC1229cbz
LC1229cca
LC1229ccb
LC1229ccc
LC1229ccd
LC1229cce
LC1229ccf
LC1229ccg
LC1229cch
LC1229cci
LC1229ccj
LC1229cck
LC1229ccl
LC1229ccm
LC1229ccn
LC1229cco
LC1229ccp
LC1229ccq
LC1229ccr
LC1229ccs
LC1229cct
LC1229ccu
LC1229ccv
LC1229ccw
LC1229ccx
LC1229ccy
LC1229ccz
LC1229cda
LC1229cdb
LC1229cdc
LC1229cdd
LC1229cde
LC1229cdf
LC1229cdg

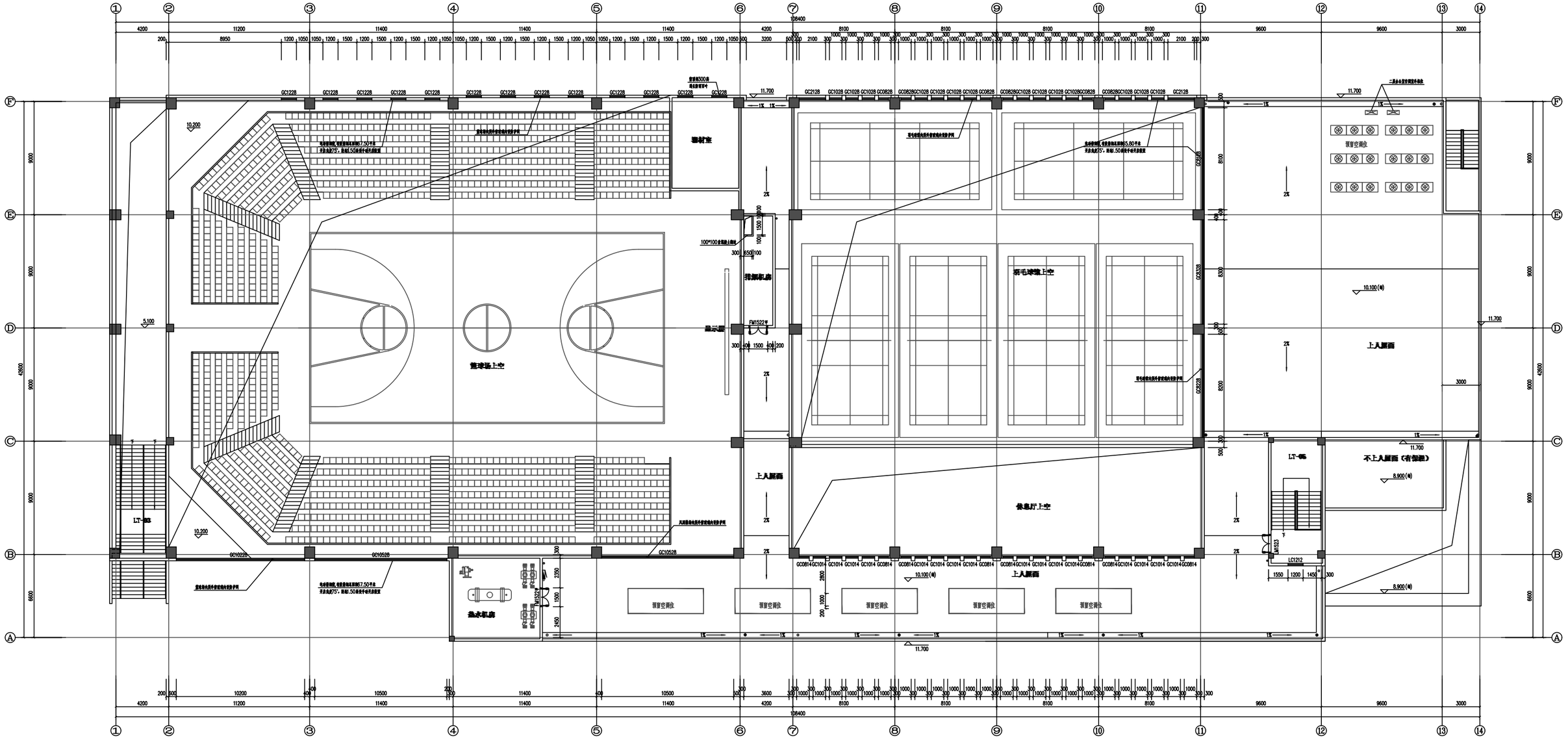
	本层分区面积 ㎡/2	疏散计算人数 ㎡/人	百人疏散宽度 m/100人	底板疏散宽度 m/2	实际设计疏散宽度m/2	满足情况
防火分区2-1	2107.61	1178人	0.75	0.90m	1.8m>0.9m	满足
防火分区2-2	1916.67	385人	0.75	1.00m	1.2m+1.0m>2m	满足



二层防火分区示意图



二层平面图 1:100


①
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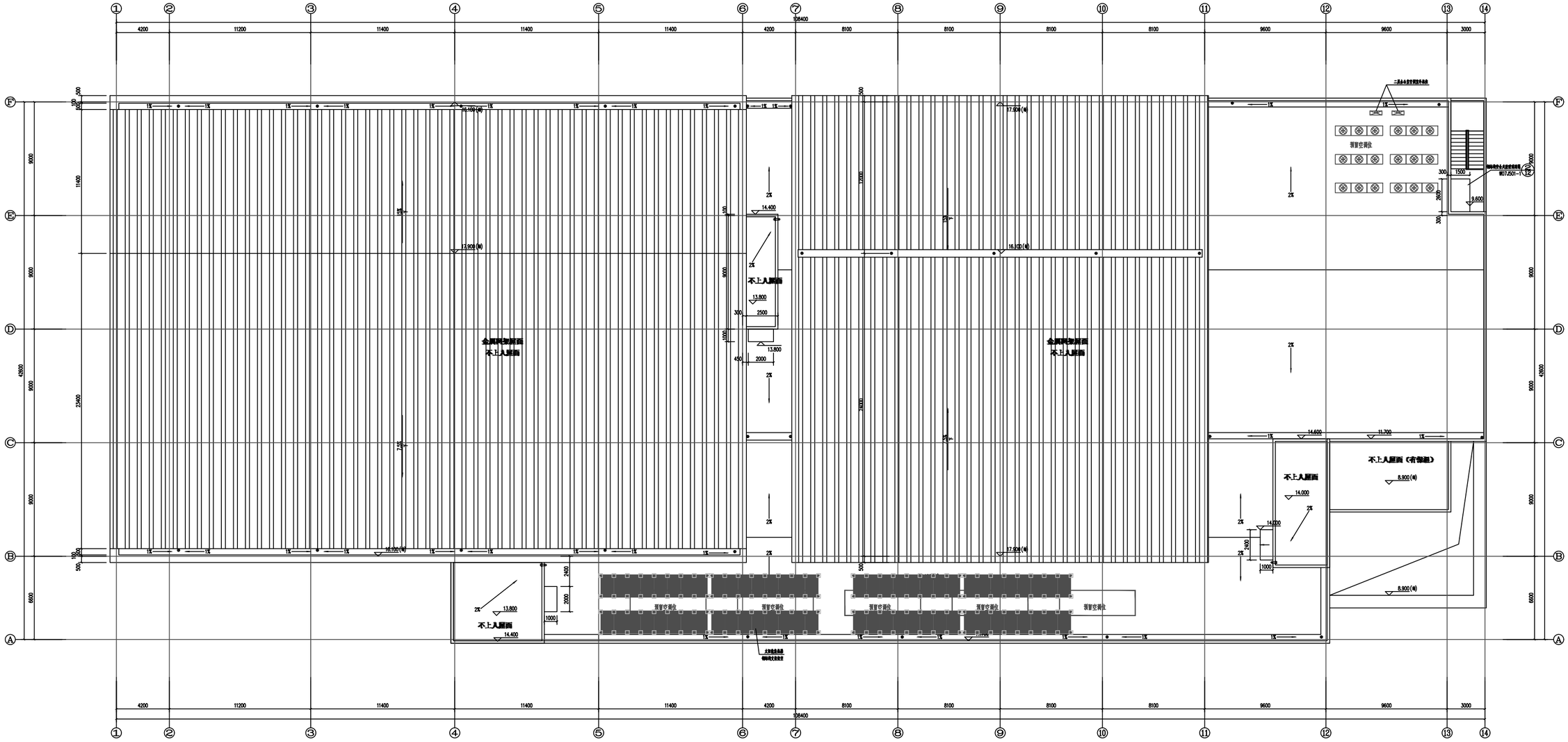
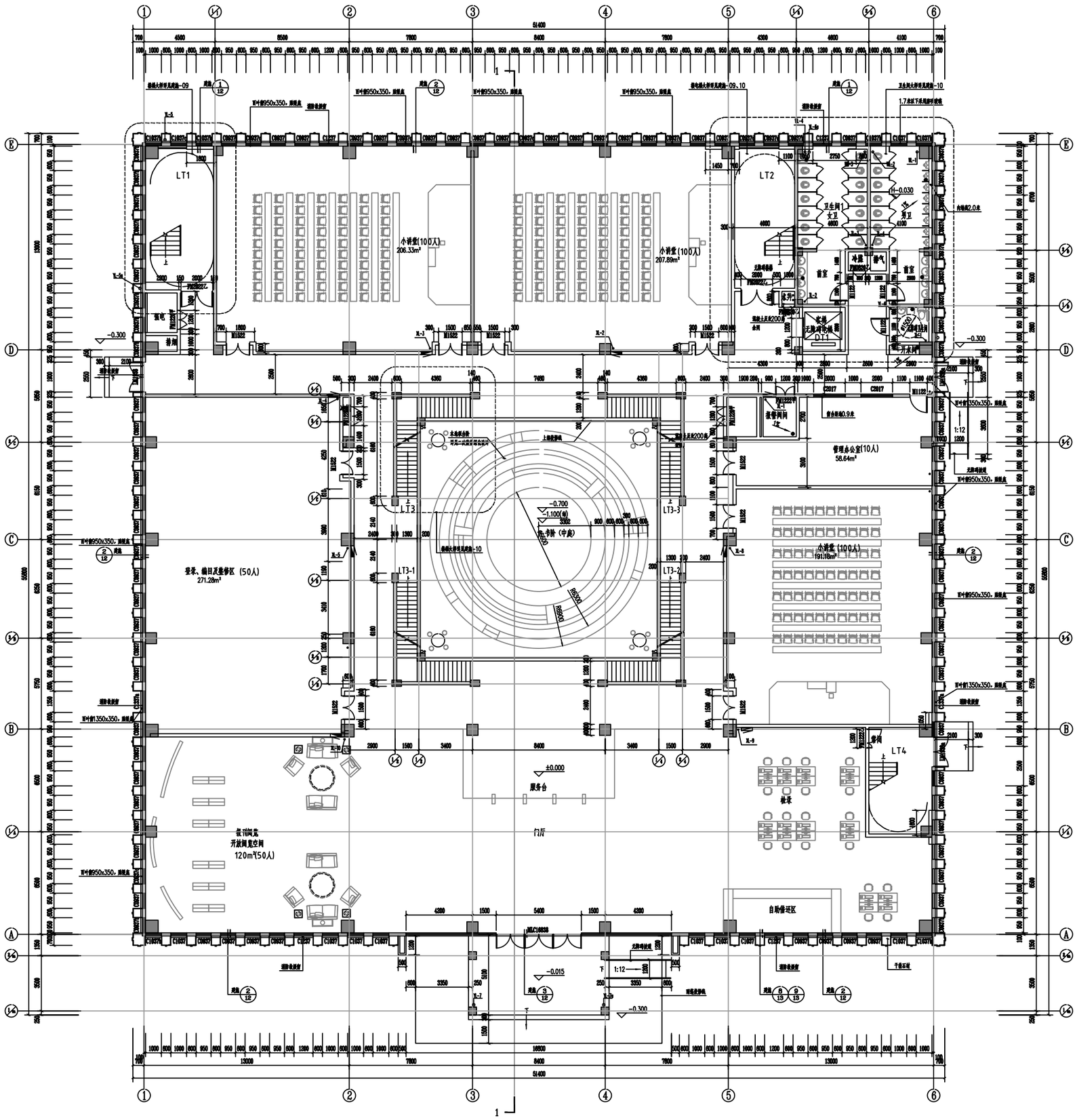
⑫
⑬
⑭
Ⓐ
Ⓑ
Ⓒ
Ⓓ
Ⓔ
Ⓕ
108400
11.700
10.200
5.100
10.100(4)
8.900(4)
篮球场上空
羽毛球馆上空
信息厅上空
上人屋面
不上人屋面（有围滤）
器材室
排烟机房
显示屏
热水机房
LT-05
LT-06
预留空调位
GC1228
GC1028
GC0828
GC0814
GC1014
GC10528
GC10228
GC2128
GC2528
GC3528
FM1522甲
FM1524
FM1523
LC1212
100*100金属防止踏板
屋面雨水系统管道伸出屋面2.50甲类
屋面雨水系统管道伸出屋面7.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
管道距300离
电动排烟窗
二层会议室管道井通风
屋面雨水系统管道伸出屋面5.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面7.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面5.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面7.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面5.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面7.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面5.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面7.50甲类
开洞角度75°，高出1.50高度甲级防盗窗
屋面雨水系统管道伸出屋面5.50甲类
开洞角度75°，高出1.50高度甲级防盗窗

屋面平面图 1:100


金属坡屋面
不上人屋面
不上人屋面
金属坡屋面
不上人屋面
不上人屋面
不上人屋面（有保温）
预留空调位
预留空调位
预留空调位
预留空调位
预留空调位
17.900(檐)
16.100(檐)
14.400
13.800
14.600
11.700
14.000
8.900(檐)
9.600
108400

屋顶平面图 1:100

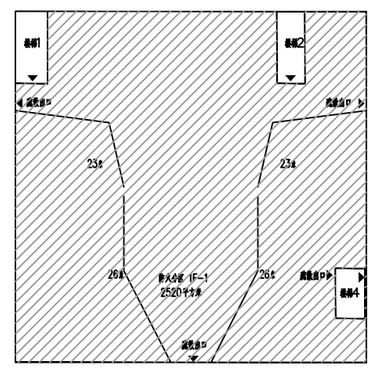


一层平面图 1:200

总建筑面积：9116.80平方米
本层建筑面积：2520.04平方米

本层疏散宽度计算：

人数计算指标	计算人数（人）
本层合计人数	410人
计算疏散宽度（m）	410/100X1.00=4.1m
设计提供疏散宽度（m）	1.80+1.80+1.8=5.4m
结论	设计宽度>计算宽度，满足疏散要求



防火分区示意图

注：本栋楼设置自动喷水灭火系统

注：

1、管井检修门，门槛高度为200mm。

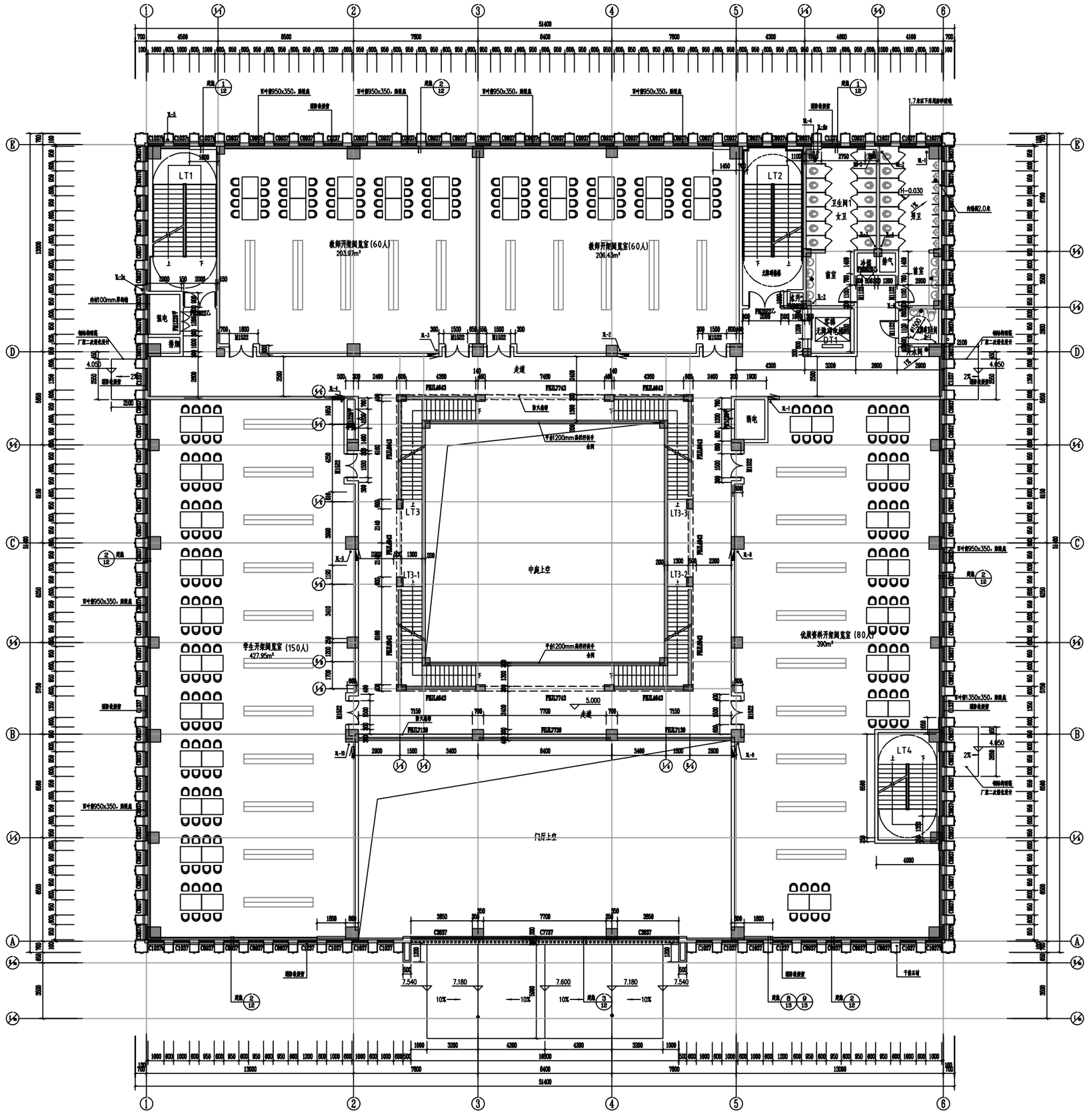
2、所有出入口均以1:20缓坡过度。

3、本图中结构柱布置及尺寸详见结施。

4、本图中空调排水、设备平台及屋面排水详水施。所有地漏位置以水图为准。

5、本图中门垛墙除注明外均为100mm或居墙中，门洞尺寸详门窗表。

6、室内消火栓详见水施。所有消火栓背面均设防火板（厨火板限厨所在隔墙）。



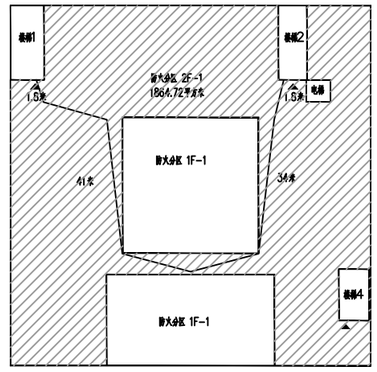
二层平面图 1:200

本层建筑面积：2006.68平方米

注：
1、管井检修门，门槛高度为200mm。
2、所有出入口均以1:20缓坡过度。
3、本套图中结构柱布置及尺寸详见结施。
4、本套图中空调排水、设备平台及屋面排水详水施。所有地漏位置以水图为准。
5、本套图中门墙体除注明外均为100mm或居墙中，门洞尺寸详门窗表。
6、室内消火栓详见水施，所有消火栓背面均设防火板（厨火板厚同所在隔墙）。

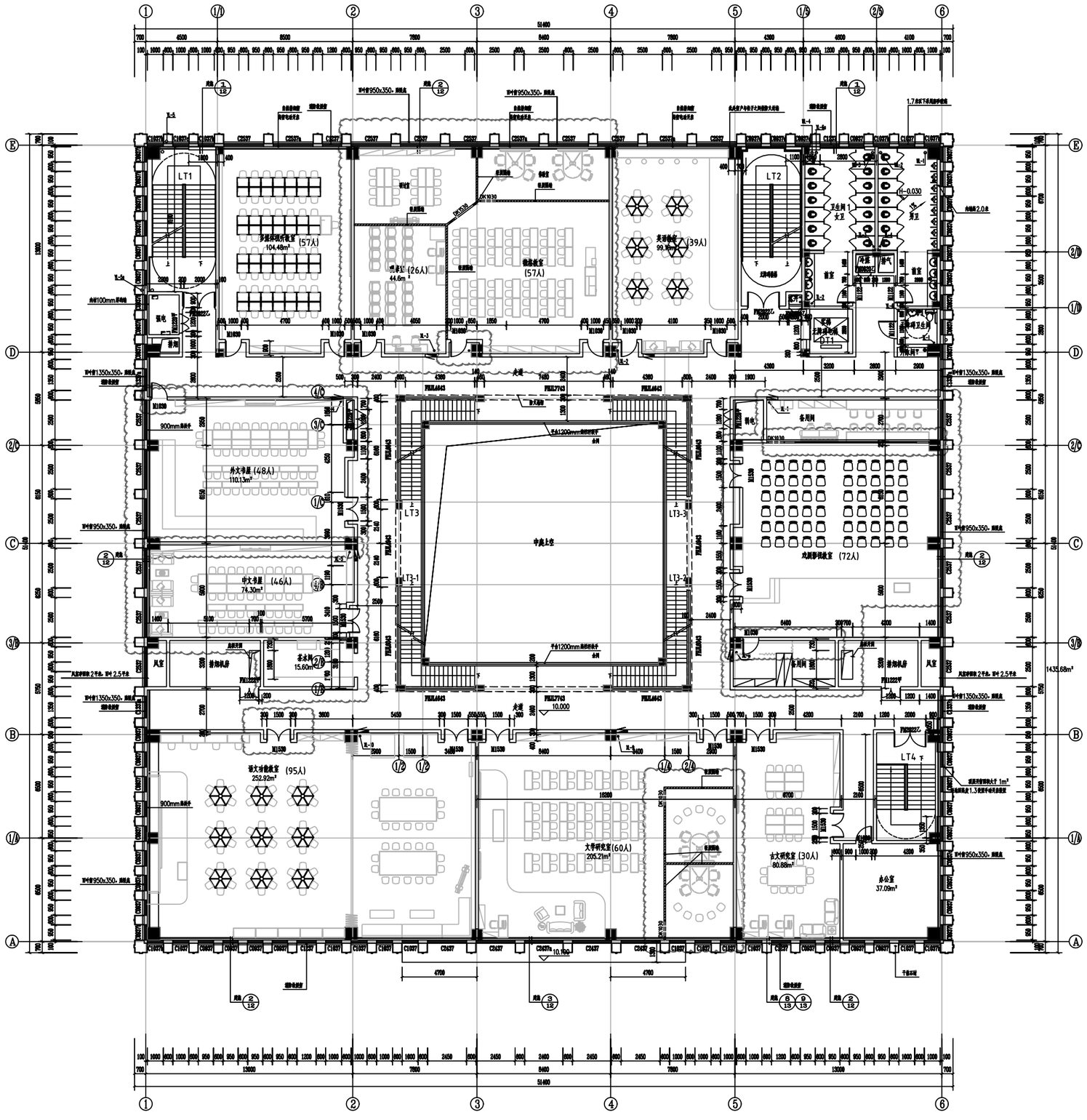
本层疏水疏散计算：

人数计算指标	计算人数（人）
本层合计人数	350人
计算疏散宽度（m）	350/100X1.00=3.5m
设计提供疏散宽度（m）	1.80+1.80=3.6m
结论	设计宽度>计算宽度，满足疏散要求



防火分区示意图

注：本栋楼设置自动喷水灭火系统



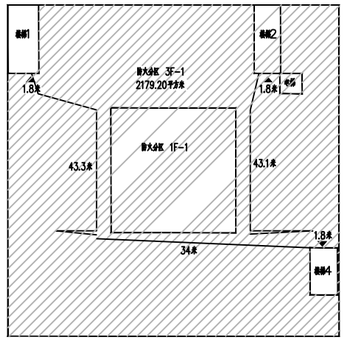
三层平面图 1:100

本层建筑面积：2295.04平方米

云线以外部分本次设计未修改

本层防火疏散计算：

人员计算指标	计算人数（人）
本层合计人数	530人
计算疏散宽度（m）	530/100X1.00=5.30m
设计首两层疏散宽度（m）	1.80+1.80+1.8=5.4m
结论	设计宽度>计算宽度，疏散满足要求



防火分区示意图

注：本楼梯设置自动喷水灭火系统

注：

1、管井检修门，门槛高度为 200mm。

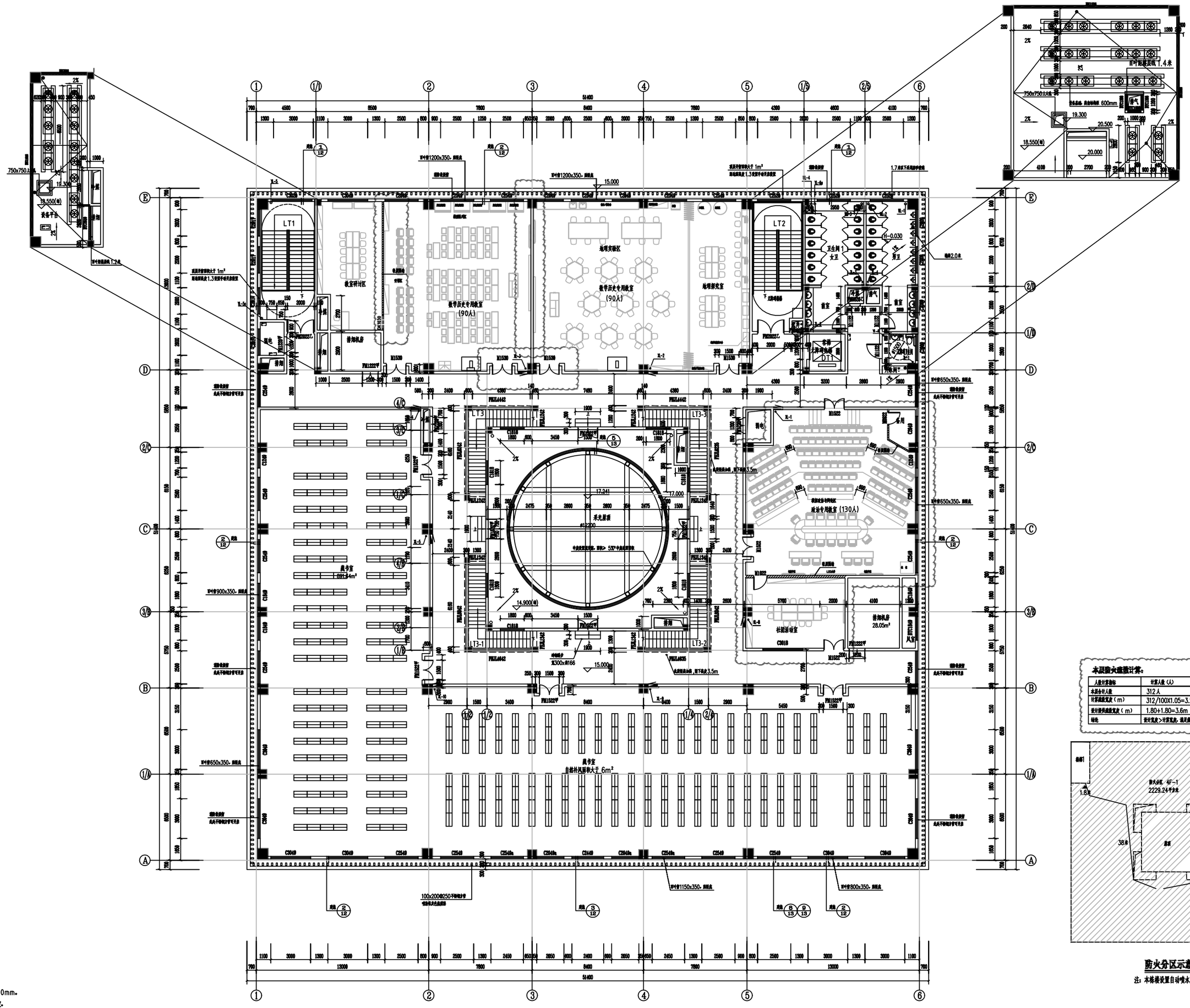
2、所有出入口均以 1:20 坡度过度。

3、本层图中结构柱布置及尺寸详见结施。

4、本层图中空调排水、设备平台及屋面排水详水施。所有地漏位置以水施为准。

5、本层图中门垛墙除注明外均为 100mm或居墙中，门洞尺寸详门窗表。

6、室内消火栓详见水施。所有消火栓背面均设防火板（同大楼原则所在图幅）。



注：

1、管井检修门，门槛高度为 200mm。

2、所有出入口均以 1:20坡度过度。

3、本套图中结构柱布置及尺寸详见结施。

4、本套图中空调排水、设备平台及屋面排水详水施。所有地漏位置以水图为准。

5、本套图中门垛除做注明外均为 100mm或居墙中，门洞尺寸详门窗表。

6、室内消火栓详见水施。所有消火栓前面均设防火扳（即火栓箱同所在墙地）。

四层平面图 1:100

本层建筑面积：2295.04平方米

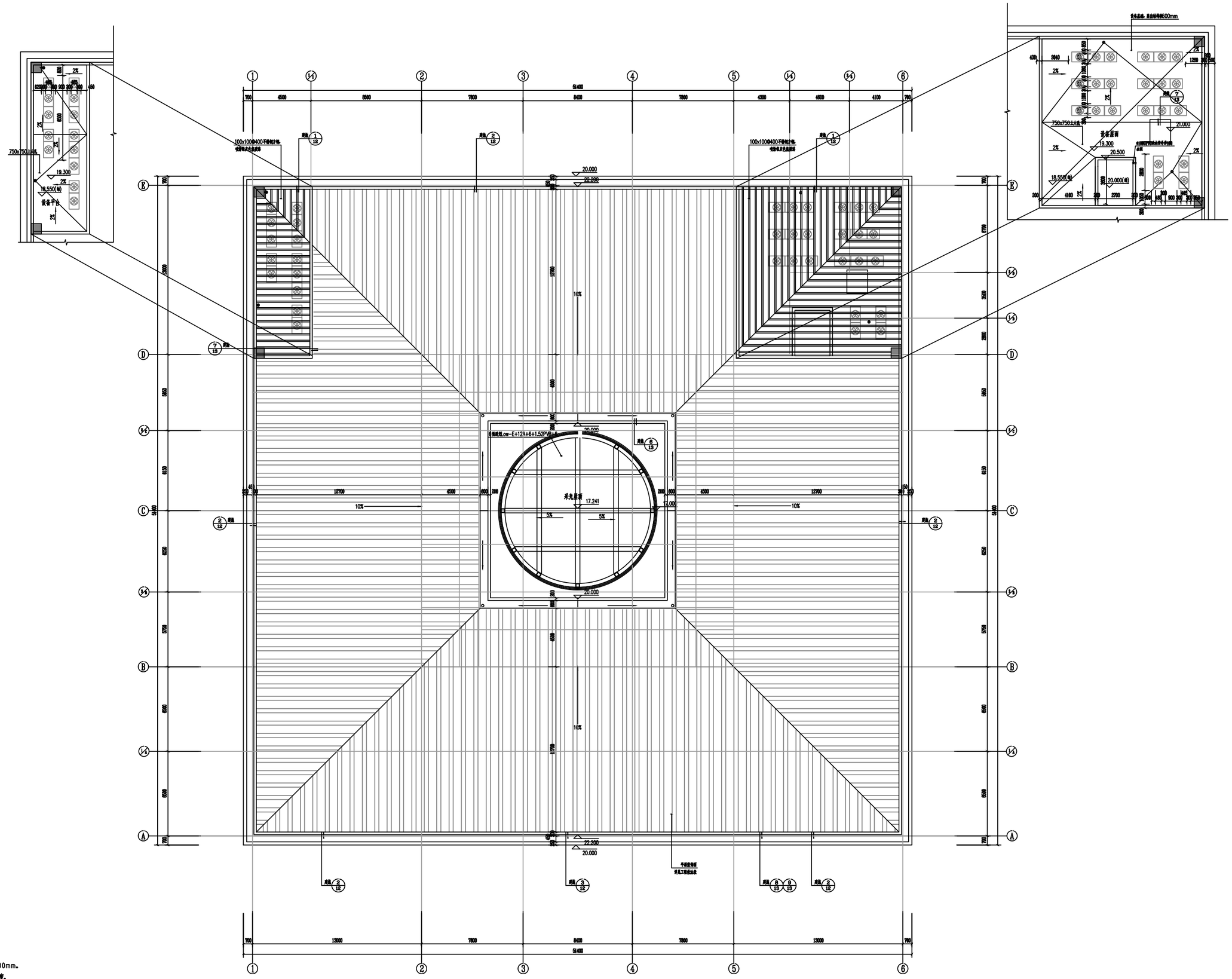
云线以外部分本次设计未修改

本层室内疏散计算：

人流计算指标	计算人数（人）
本层合计人数	312人
计算疏散宽度（m）	312/100X1.05=3.28m
设计提供疏散宽度（m）	1.80+1.80=3.6m
结论	设计宽度>计算宽度，满足疏散要求

防火分区示意图

注：本栋楼设置自动喷水灭火系统



楼梯示意图

屋顶平面图 1:100

注：

1、管井检修门，门槛高度为200mm。

2、所有出入口均以1:20缓坡过度。

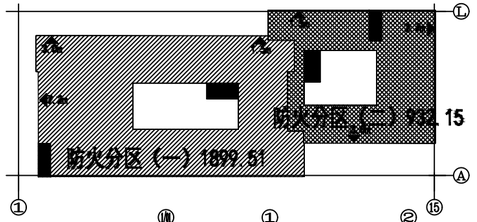
3、本表图中结构柱布置尺尺寸详见结施。

4、本表图中空调排水、设备平台及屋面排水详水施。所有地漏位置以水图为准。

5、本表图中门墙体除注明外均为100mm或部墙中，门洞尺寸详门窗表。

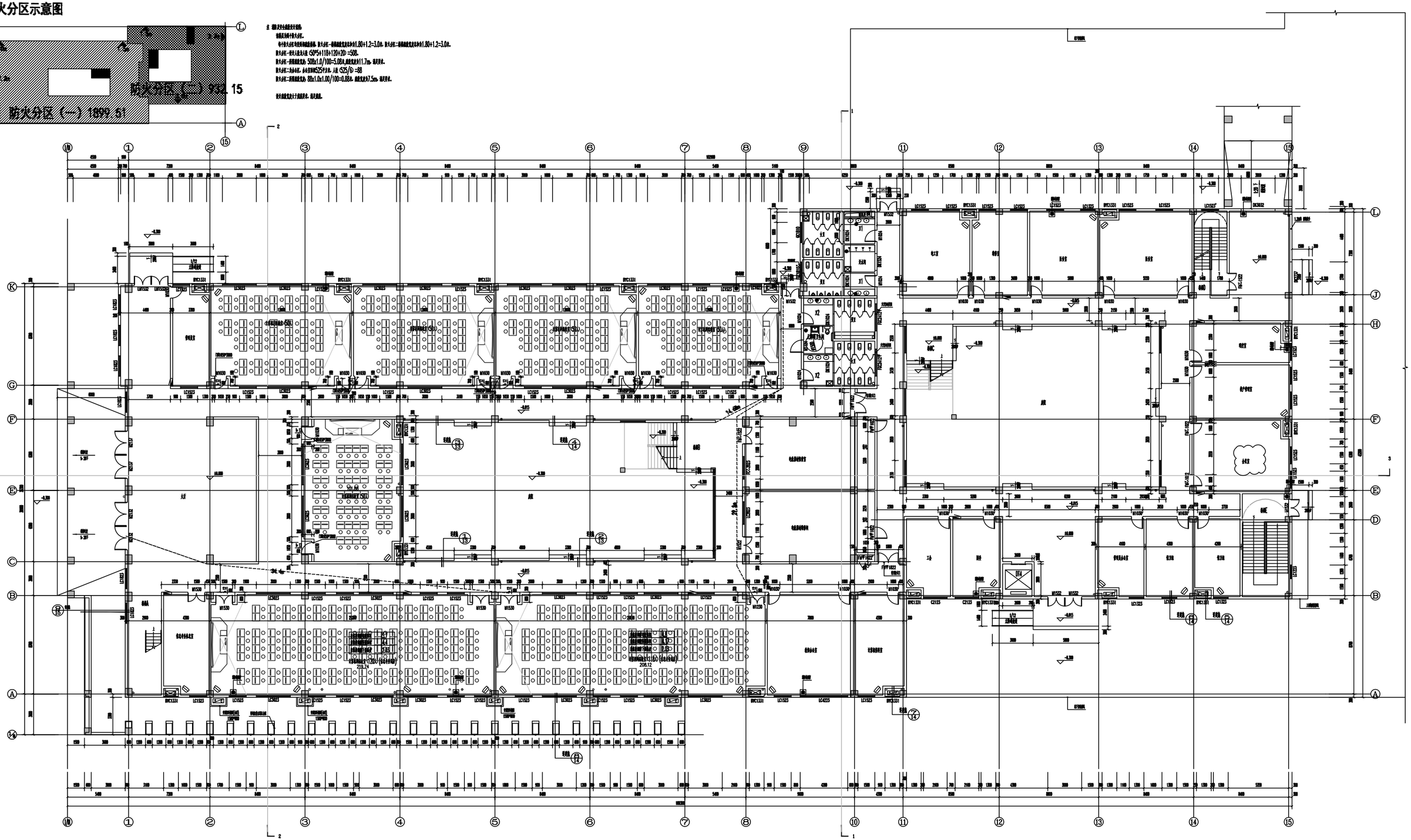
6、室内消火栓详见水施。所有消火栓箱面均设防火泵（明火被照同所在隔墙）。

防火分区示意图



注：楼梯及电梯前室开敞阳台。
当前室无阳台防火分区。
中华人民共和国国家标准。防火分区一面积最大允许为1.30×1.2=3.0倍。防火分区二面积最大允许为1.30×1.2=3.0倍。
防火分区一实际人数总人数 (50*5+118+120+20=508。
防火分区一所需疏散宽度：508x1.0/100=5.08米，疏散宽度为11.7m，满足要求。
防火分区二为6层，B类居住建筑525平方米，人数(525/6)=88
防火分区二所需疏散宽度：88x1.0x1.00/100=0.88米，疏散宽度为7.5m，满足要求。

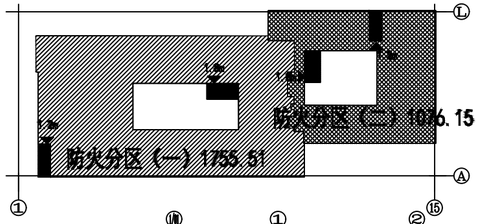
设计疏散宽度大于疏散需求，满足规范。



行政信息楼一层平面图 1:100

建筑面积：11087.27平方米

防火分区示意图

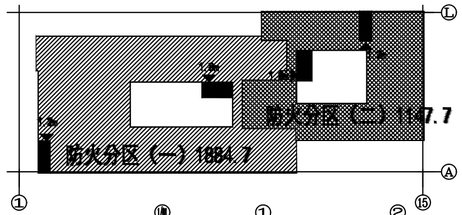


注：图纸其中未标注尺寸的部分，按实际情况。
地面及墙体等防火分区，见防火图。
每个防火分区内疏散所需最小总宽度：防火分区一疏散总宽度为0.80+1.20=3.00；防火分区二疏散总宽度为0.80+1.20=3.00。
防火分区一的计人数为人数 40×10+20=420。
防火分区一的疏散宽度为：420×1.0/100=4.20米，每100人小计（二）30米疏散宽度。
1.2+1.8+1.26（楼梯）=4.26>4.2m，满足要求。
防火分区二为小分区，从A至B的525个计人，人数 525/6 =88
防火分区二的疏散宽度为：88×1.0/100=0.88米，1.2+1.8-1.26=1.74>0.88，大于所需疏散宽度，满足要求。

计算疏散宽度大于疏散要求，满足要求。

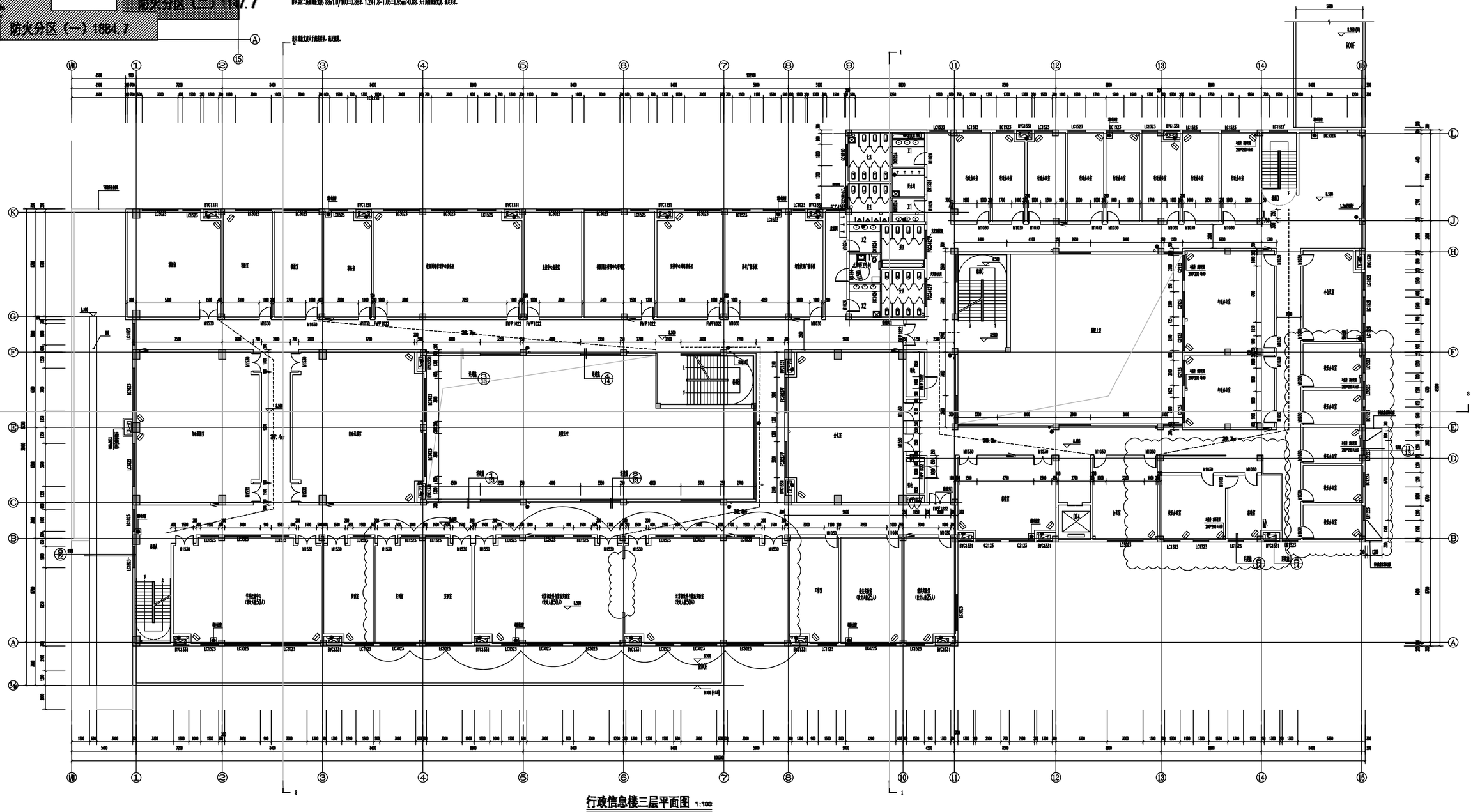
行政信息楼二层平面图 1:100

防火分区示意图



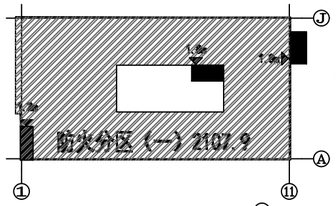
注：图纸尺寸与实际尺寸有误，
地面至16.4m处大台阶，宽度详图。
中小型大台阶与坡道相邻的最高处，防火分区一面的最高处为0.80+1.2=2.0米，防火分区二面的最高处为0.80+1.2=2.0米。
防火分区一的计算方法为：（50x4+2D）÷（700/6）=350。
防火分区一的面积为：350x1.0/100=3.50㎡，即增大分区（二）30%的面积为。
1.2+1.8+1.05=4.05>3.5，偏差符合。
防火分区二为6分区，防火面积为525平方米，A值（525/6）=88
防火分区二的面积为：88x1.0/100=0.88㎡，1.2+1.8-1.05=1.95m>0.88，大于所需面积为，偏差符合。

室外地面至大于两级踏步处，做无障碍。



行政信息楼三层平面图 1:100

防火分区示意图



注：消防及安全疏散设计依据：

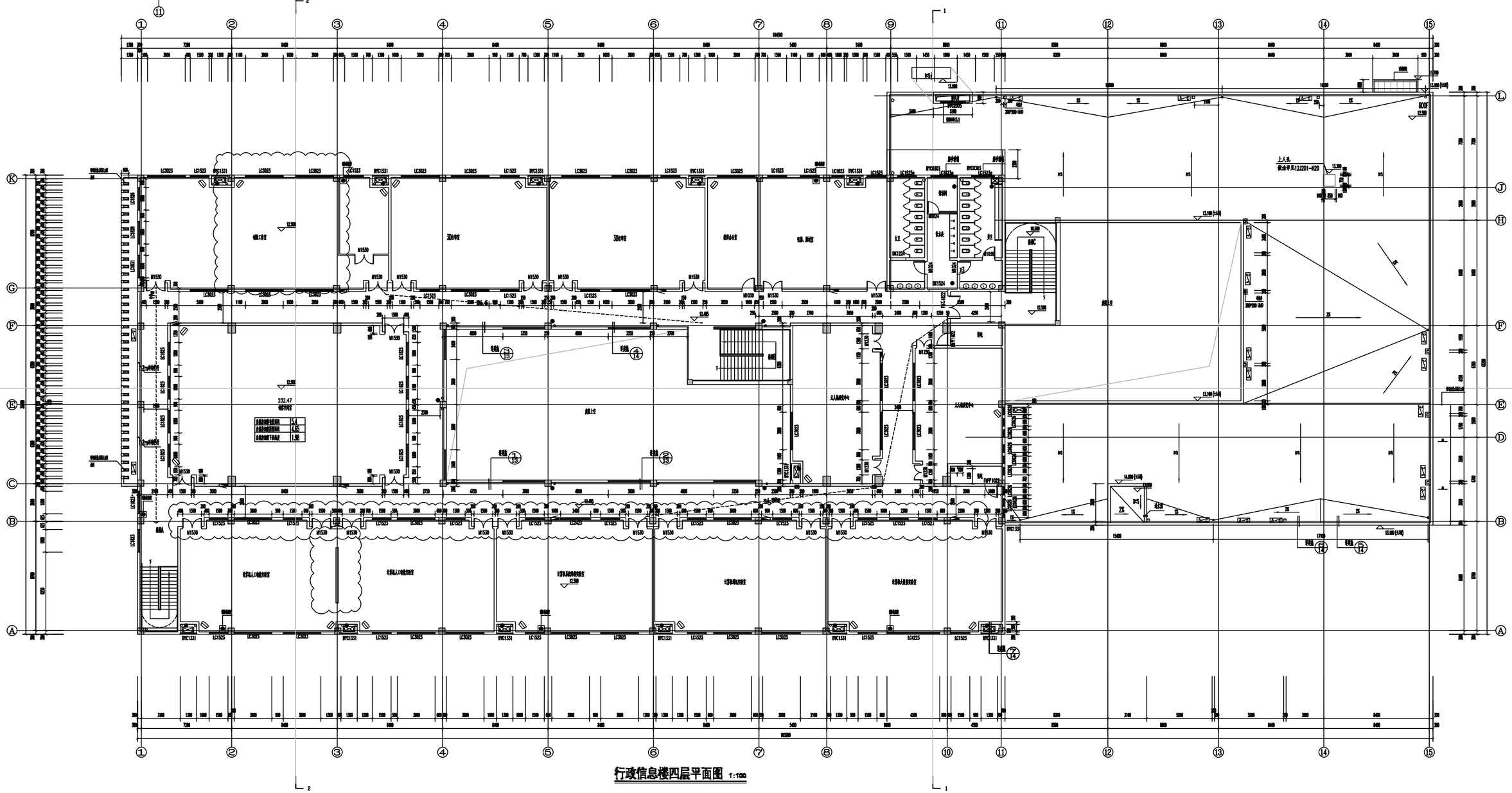
地面层共一个防火分区，设置中庭。

防火分区至三间疏散距离：防火分区南侧疏散宽度取净1.20+1.80+1.80=4.80米。

地面防火分区内人数为（40m2/10+20）=420

所需疏散宽度为：420x1.0x1.05/100=4.41米。

实际疏散宽度大于所需宽度，满足要求。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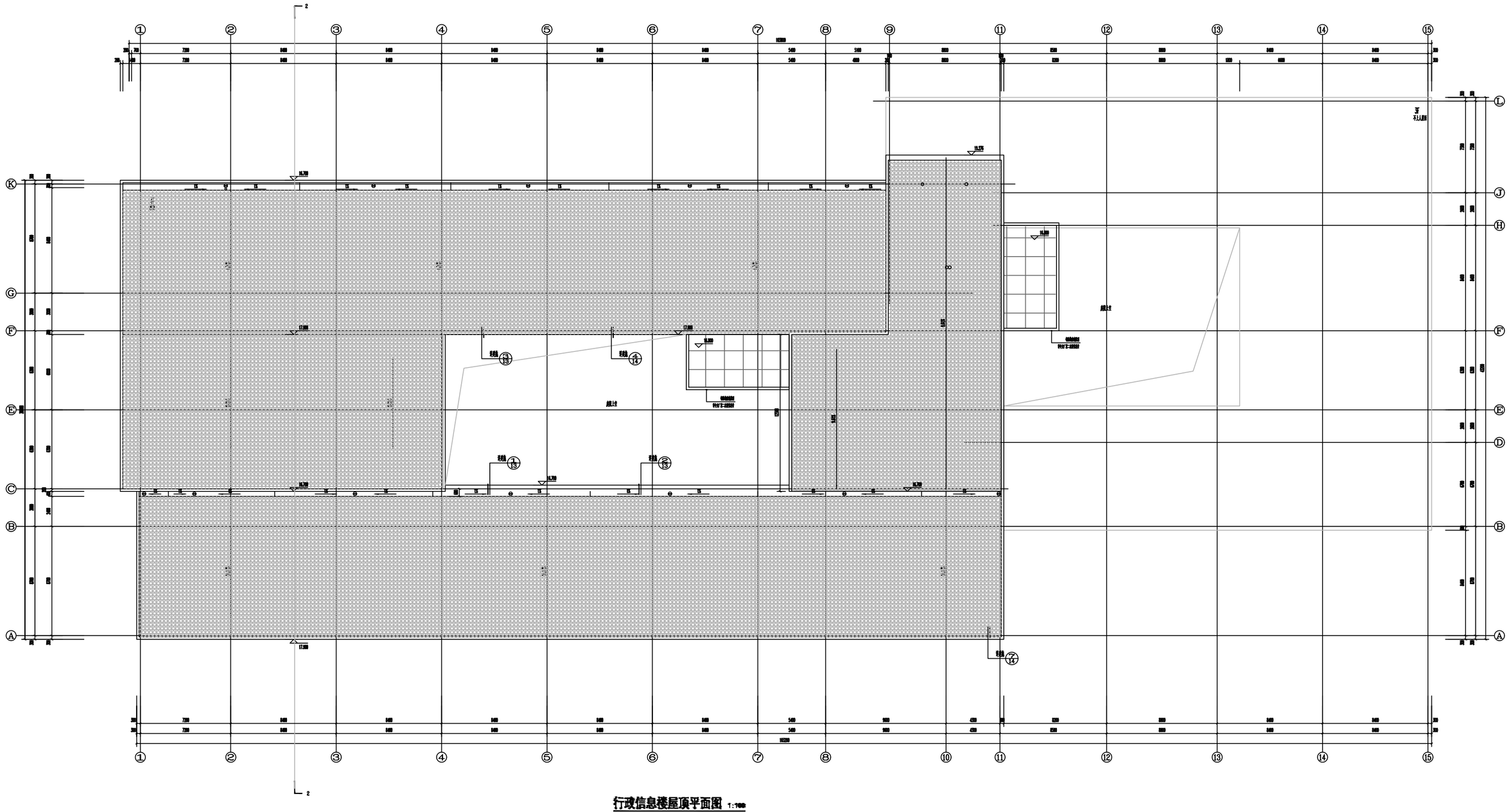
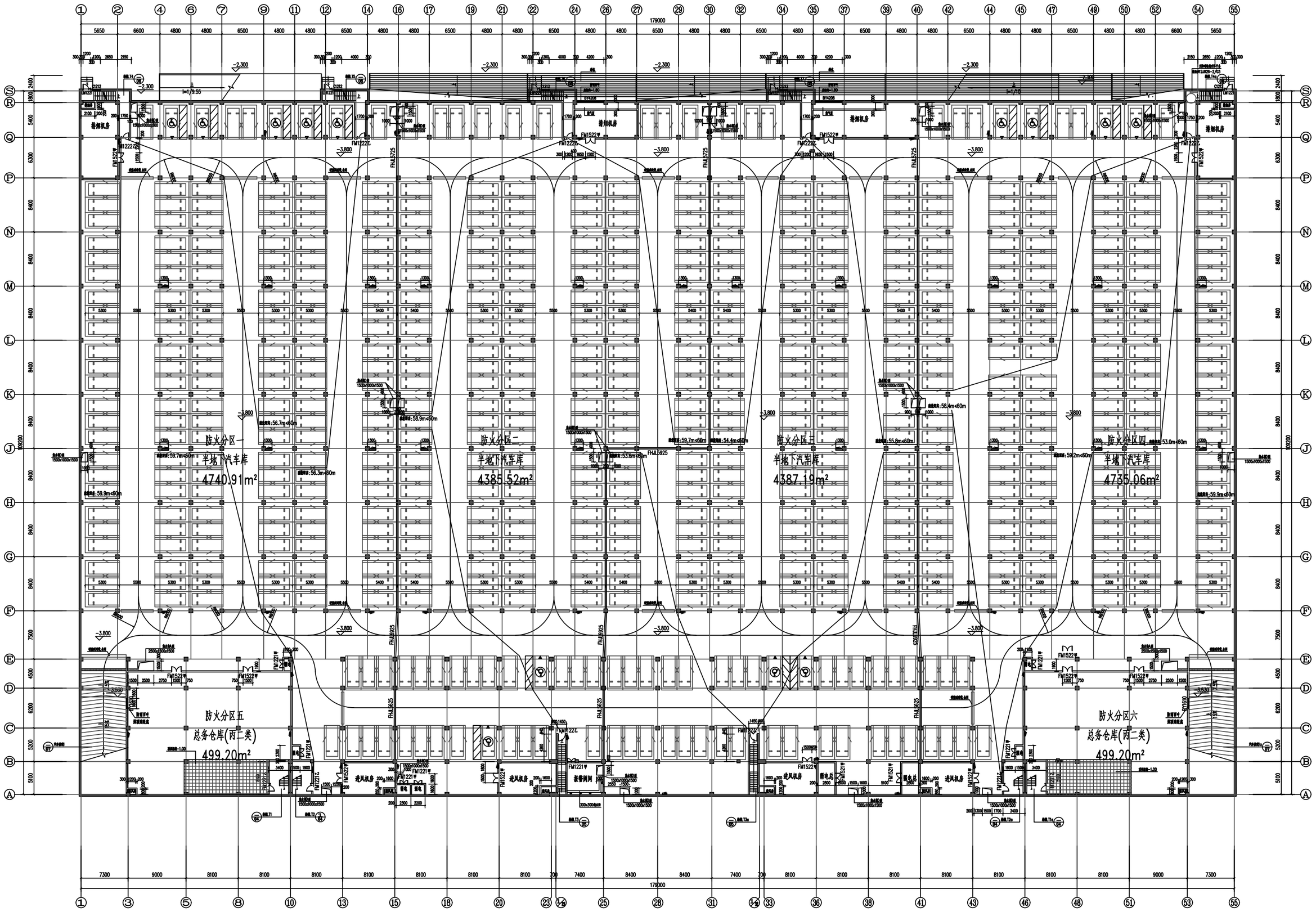
J
K
L
S
ROOF
12.300
13.500
15.100
14.400
17.400
232.47
建筑面积
首层人工智能体验室
首层多媒体会议室
首层办公室
首层、报告厅
首层办公室
首层人工智能体验室
首层多媒体体验室
首层智能机器人体验室
首层人机交互体验室
上人孔
做法详见12J201-H20
屋面上空
无人机起降区域
设备平台
设备平台
设备平台



行政信息楼屋顶平面图 1:100



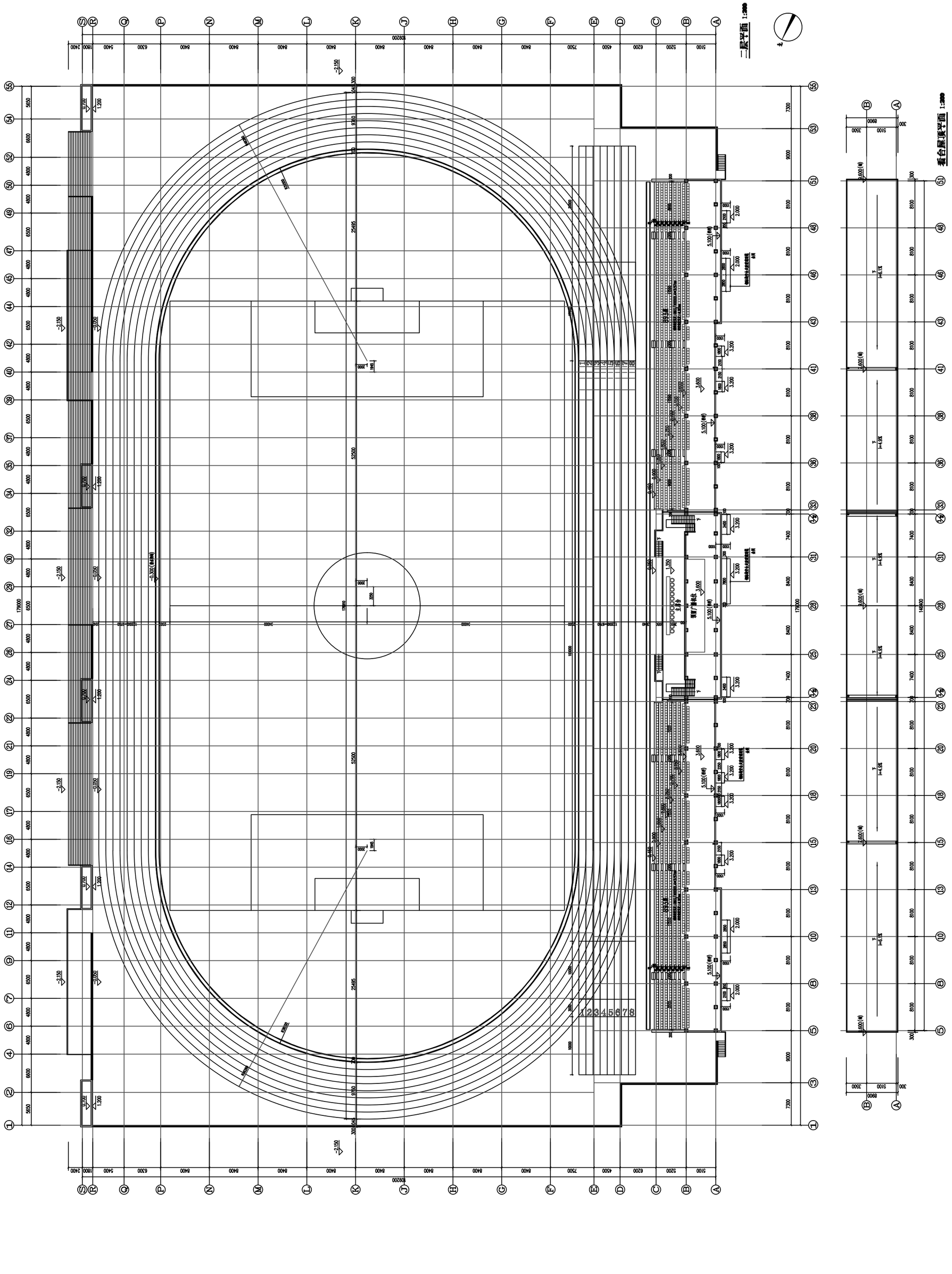
地下一层平面 1:200

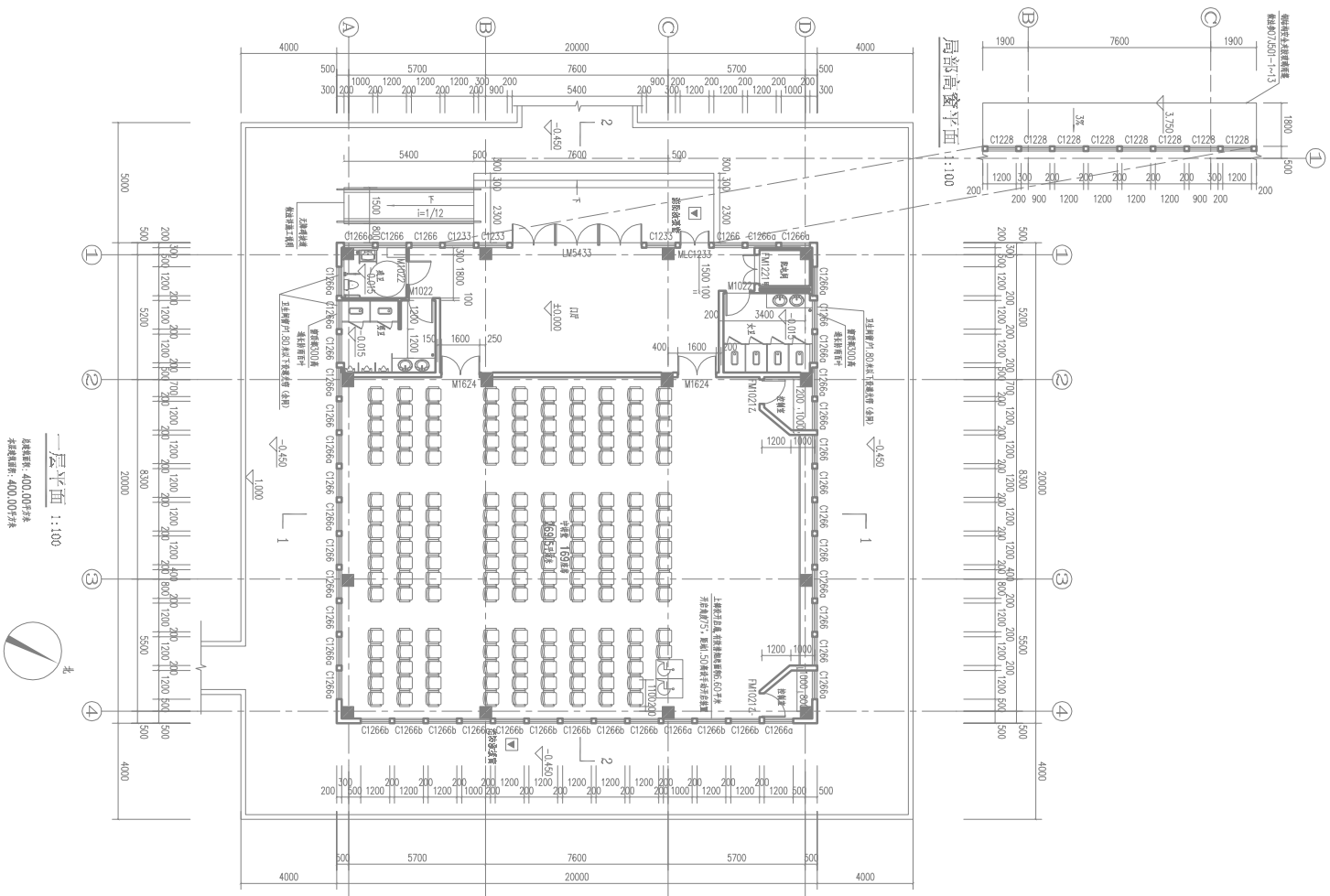
总停车 620辆

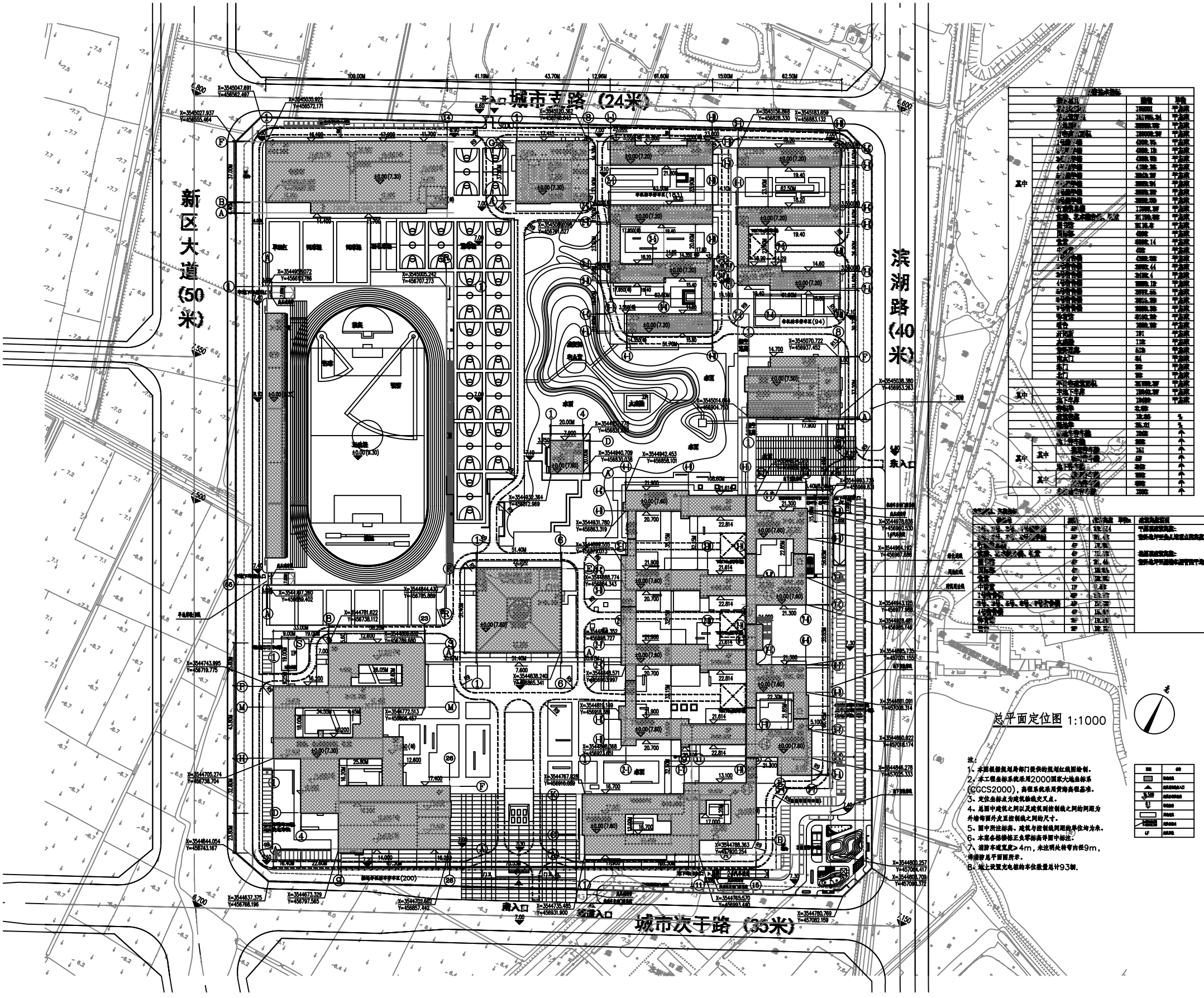
一层平面 1:300

二层平面 1:200

看台屋顶平面 1:200

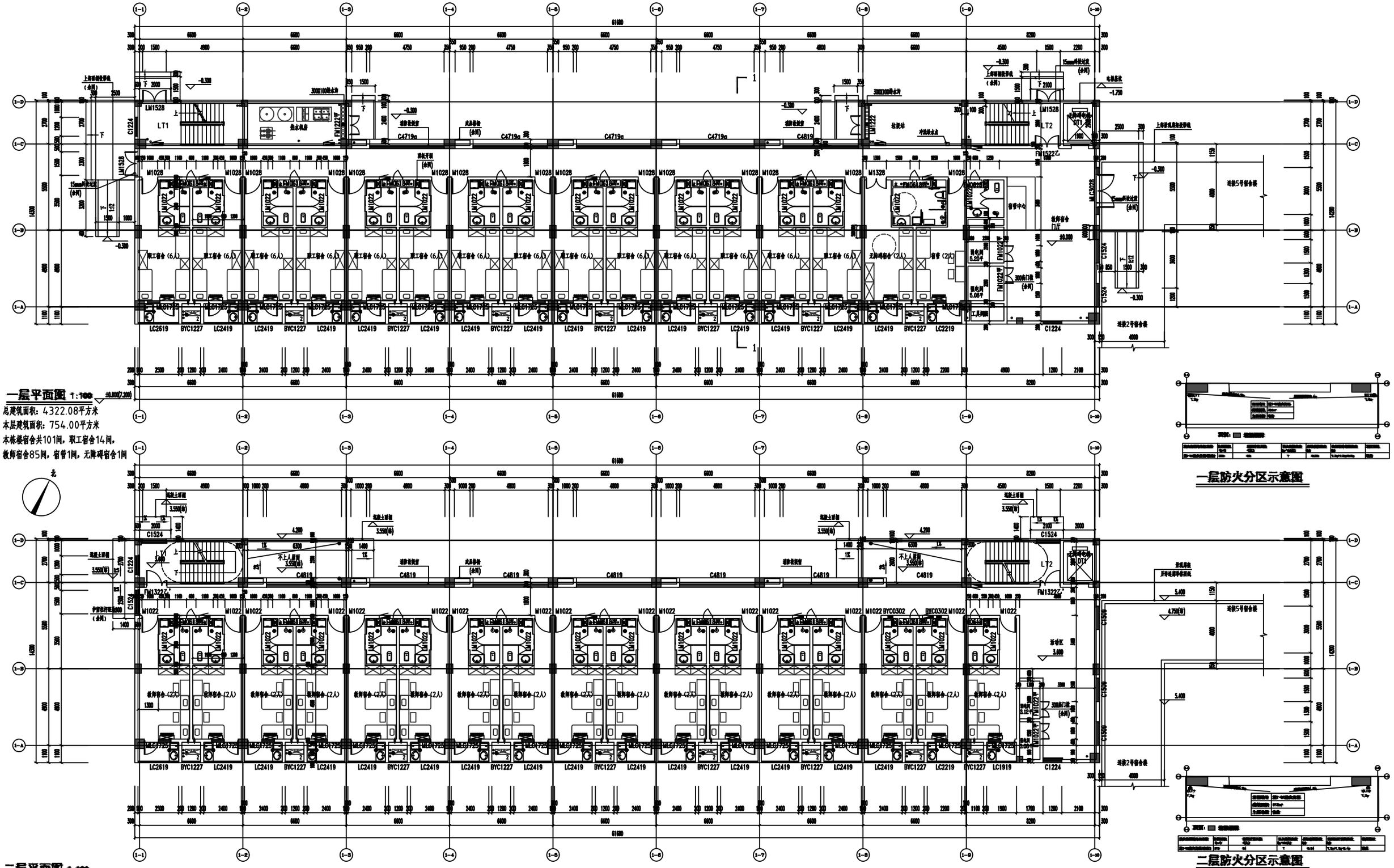



一层平面 1:100
局部高窗平面 1:100
屋顶平面 1:100



总平面定位图 1:1000

注：
1、本图根据规划局部门提供的规划红线图绘制。
2、本工程坐标系统采用2000国家大地坐标系（CGCS2000），高程系统采用黄海高程基准。
3、定位坐标点为建筑轴线交叉点。
4、总图中建筑之间以及建筑到控制线之间的间距为外墙饰面外皮至控制线之间的尺寸。
5、图中所注标高，建筑与控制线间距的单位均为米。
6、本案各栋楼栋正负零标高详图中标注。
7、消防车道宽度＞4m，未注明处转弯内径9m，详消防总平面图所示。
8、地上设置充电桩的车位数量总计93辆。



一层平面图 1:100

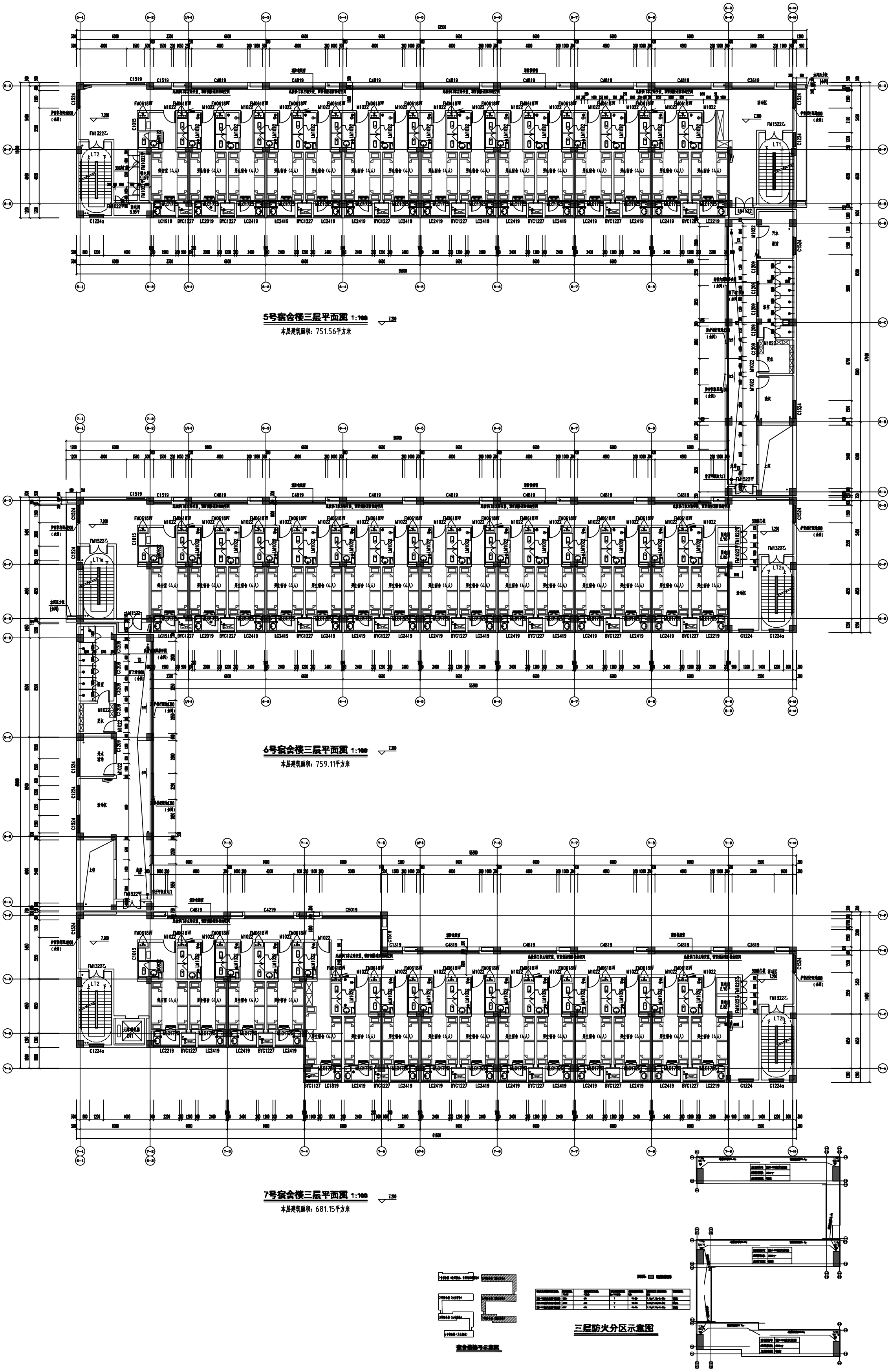
总建筑面积：4322.08平方米
本层建筑面积：754.00平方米
本栋楼宿舍共101间，职工宿舍14间，
教师宿舍85间，宿管1间，无障碍宿舍1间

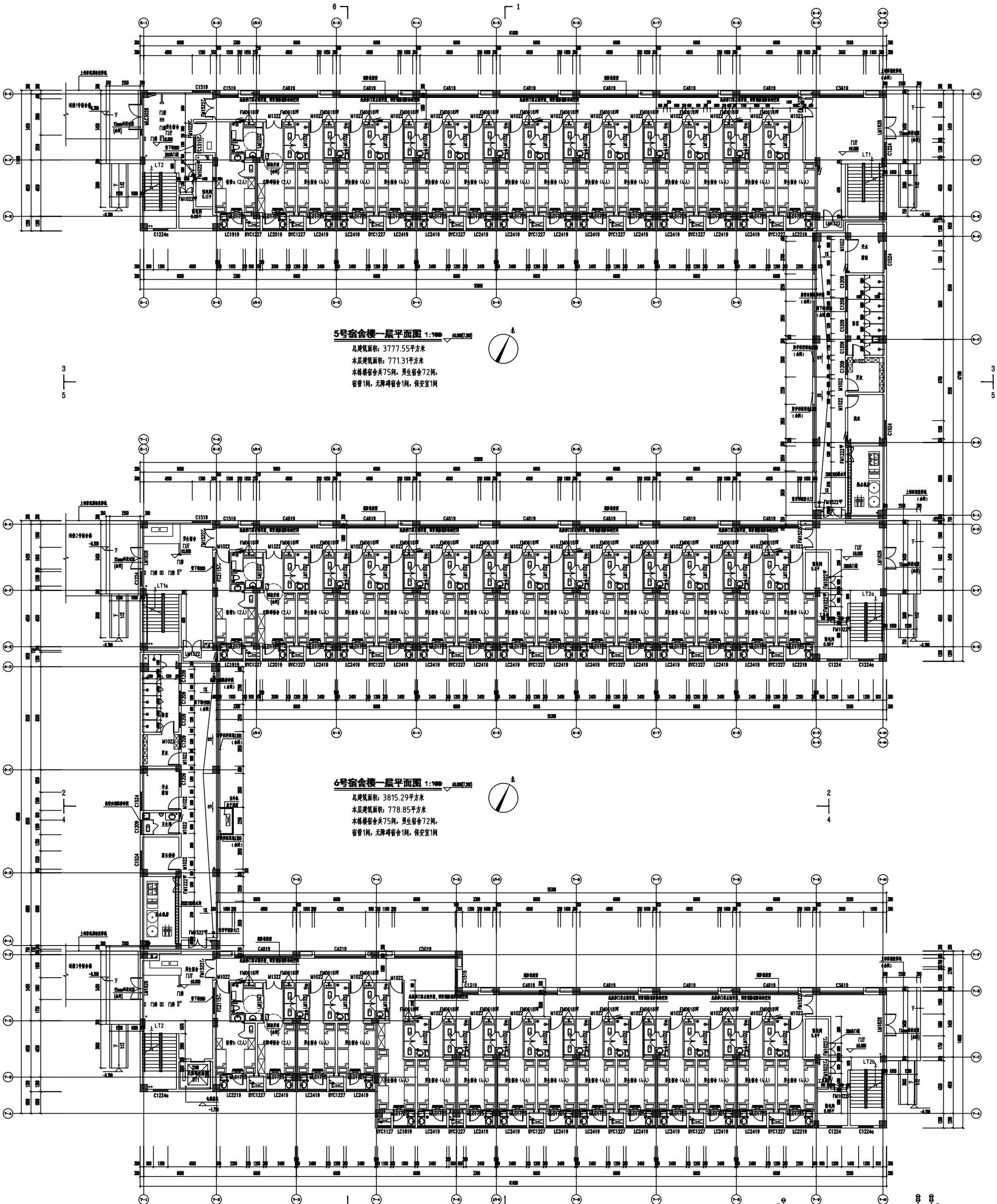
一层防火分区示意图

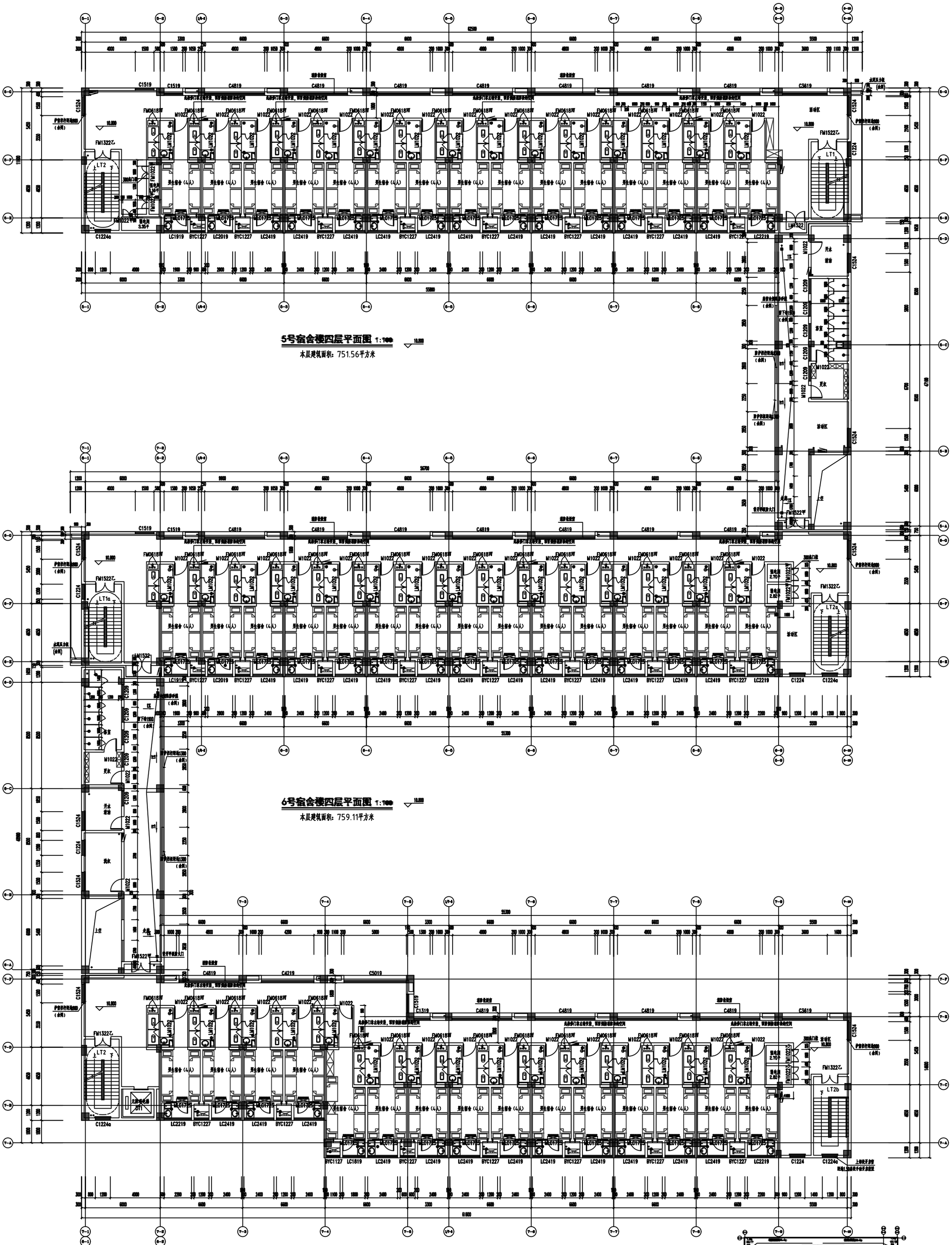
二层平面图 1:100

本层建筑面积：713.61平方米

二层防火分区示意图


5号宿舍楼三层平面图 1:100
本层建筑面积：751.56平方米
6号宿舍楼三层平面图 1:100
本层建筑面积：759.11平方米
7号宿舍楼三层平面图 1:100
本层建筑面积：681.15平方米
三层防火分区示意图


5号宿舍楼一层平面图 1:100
±0.000(7.200)
总建筑面积：3777.55平方米
本层建筑面积：771.31平方米
本栋楼宿舍共75间，男生宿舍72间，
宿管1间，无障碍宿舍1间，保安室1间
北
6号宿舍楼一层平面图 1:100
±0.000(7.200)
总建筑面积：3815.29平方米
本层建筑面积：778.85平方米
本栋楼宿舍共75间，男生宿舍72间，
宿管1间，无障碍宿舍1间，保安室1间
北
7号宿舍楼一层平面图 1:100
±0.000(7.200)
总建筑面积：2939.39平方米
本层建筑面积：681.15平方米
本栋楼宿舍共64间，男生宿舍61间，
宿管1间，无障碍宿舍1间，保安室1间
北
宿舍楼编号示意图
一层防火分区示意图



5号宿舍楼四层平面图 1:100

本层建筑面积：751.56平方米

6号宿舍楼四层平面图 1:100

本层建筑面积：759.11平方米

7号宿舍楼四层平面图 1:100

本层建筑面积：681.15平方米

宿舍楼栋号示意图

四层防火分区示意图

5号宿舍楼五层平面图 1:100

本层建筑面积：751.56平方米

6号宿舍楼五层平面图 1:100

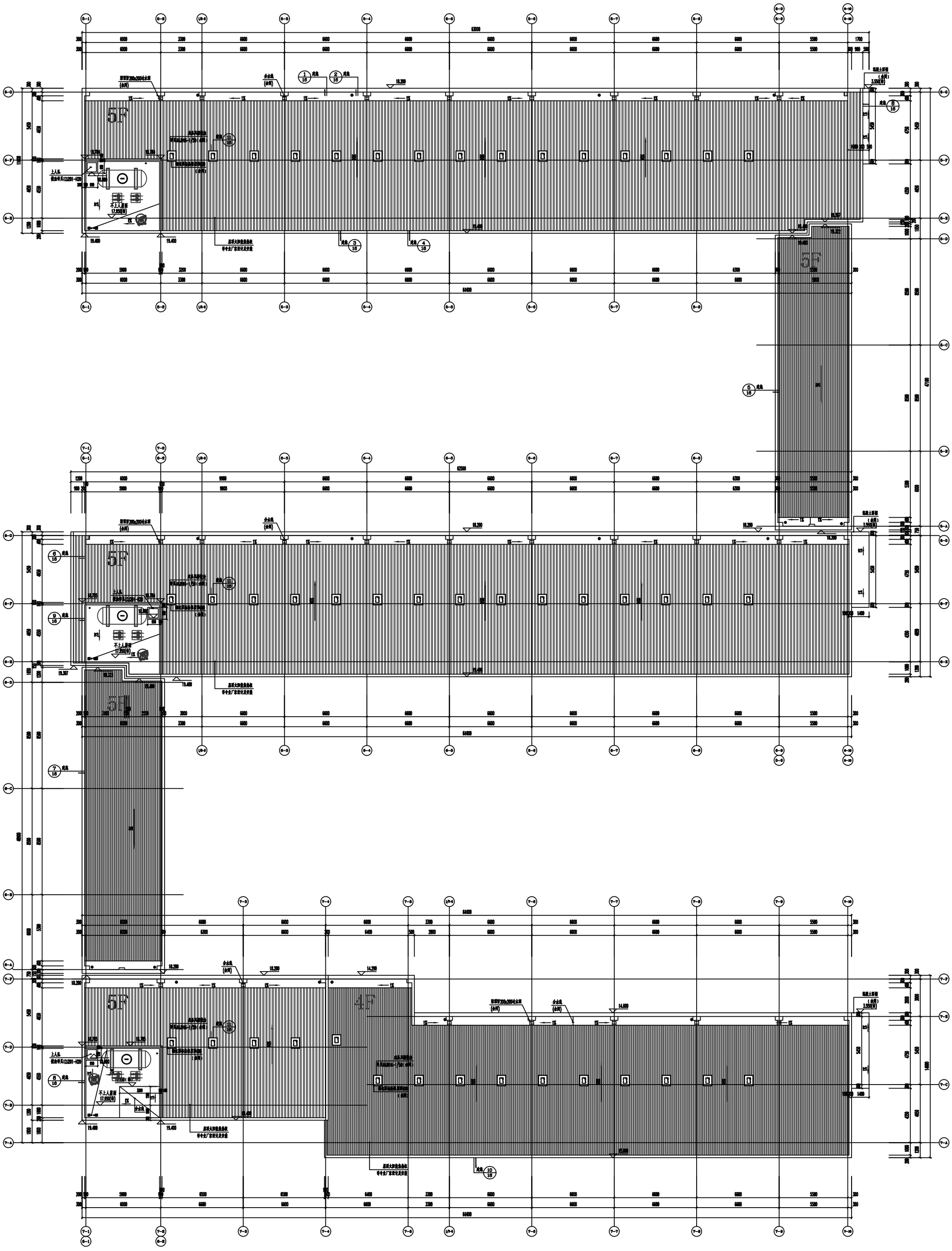
本层建筑面积：759.11平方米

7号宿舍楼五层平面图 1:100

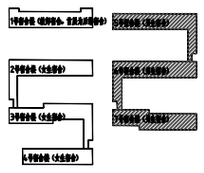
本层建筑面积：214.79平方米

宿舍楼编号示意图

五层防火分区示意图

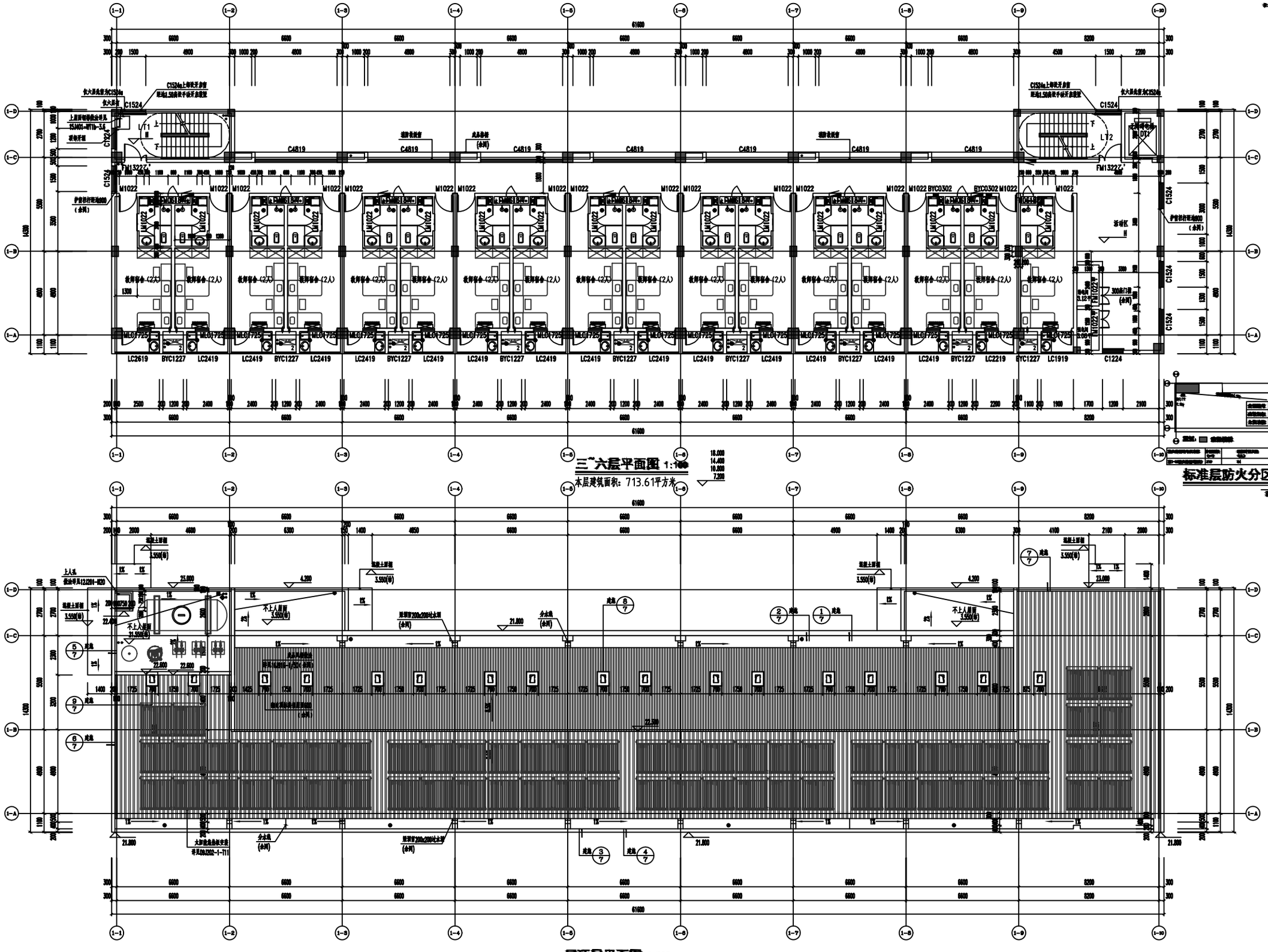


屋顶层平面图 1:100



金盒模板号示意图

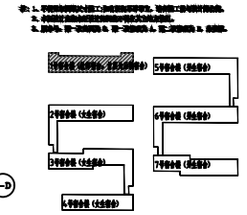
1. 本图尺寸单位：除标高以毫米为单位外，其余均以毫米为单位。
2. 本图标高为建筑完成面标高，结构施工时应扣除相应的建筑面层厚度。
3. 屋面排水坡度详见建筑设计说明，施工时应严格按设计坡度找坡。
4. 屋面防水等级为Ⅰ级，防水层合理使用年限为15年。
5. 屋面雨水口详见建筑设计说明及相关节点详图。
6. 屋面女儿墙、檐口、变形缝等节点构造详见建筑设计说明及相关节点详图。
7. 屋面上人孔、检修孔、爬梯等详见建筑设计说明及相关节点详图。
8. 屋面设备基础、预留孔洞、预埋件等详见各专业图纸，施工时应与各专业图纸核对无误后方可施工。
9. 屋面防雷接地详见电气设计说明及相关节点详图。
10. 屋面施工时应采取成品保护措施，防止损坏防水层。



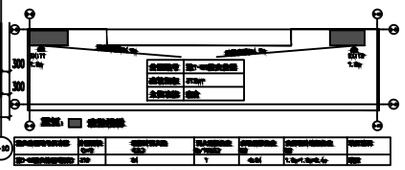
三~六层平面图 1:100

本层建筑面积：713.61平方米

屋顶层平面图 1:100



查看楼梯号示意图



标准层防火分区示意图

2号宿舍楼一层平面图 1:100

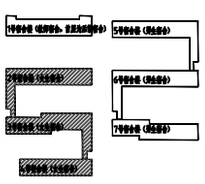
总建筑面积：3770.44平方米
本层建筑面积：769.88平方米
本栋楼宿舍共75间，女生宿舍72间，
宿管1间，无障碍宿舍1间，保安室1间

3号宿舍楼一层平面图 1:100

总建筑面积：3478.40平方米
本层建筑面积：787.53平方米
本栋楼宿舍共68间，女生宿舍65间，
宿管1间，无障碍宿舍1间，保安室1间

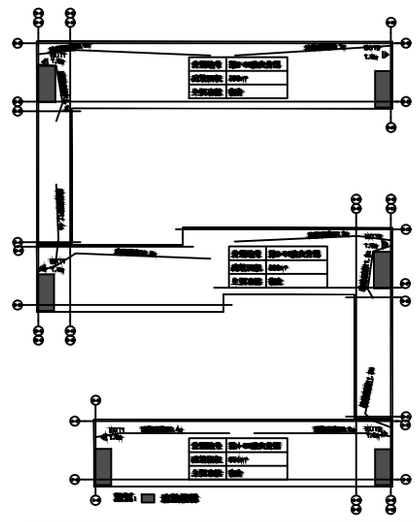
4号宿舍楼一层平面图 1:100

总建筑面积：2223.12平方米
本层建筑面积：555.78平方米
本栋楼宿舍共48间，女生宿舍45间，
宿管1间，无障碍宿舍1间，保安室1间



宿舍楼编号示意图

一层防火分区示意图



2号宿舍楼二层平面图 1:100

本层建筑面积：750.14平方米

3号宿舍楼二层平面图 1:100

本层建筑面积：767.79平方米

4号宿舍楼二层平面图 1:100

本层建筑面积：555.78平方米

宿舍楼编号示意图

二层防火分区示意图

2号宿舍楼三层平面图 1:100

本层建筑面积：750.14平方米

3号宿舍楼三层平面图 1:100

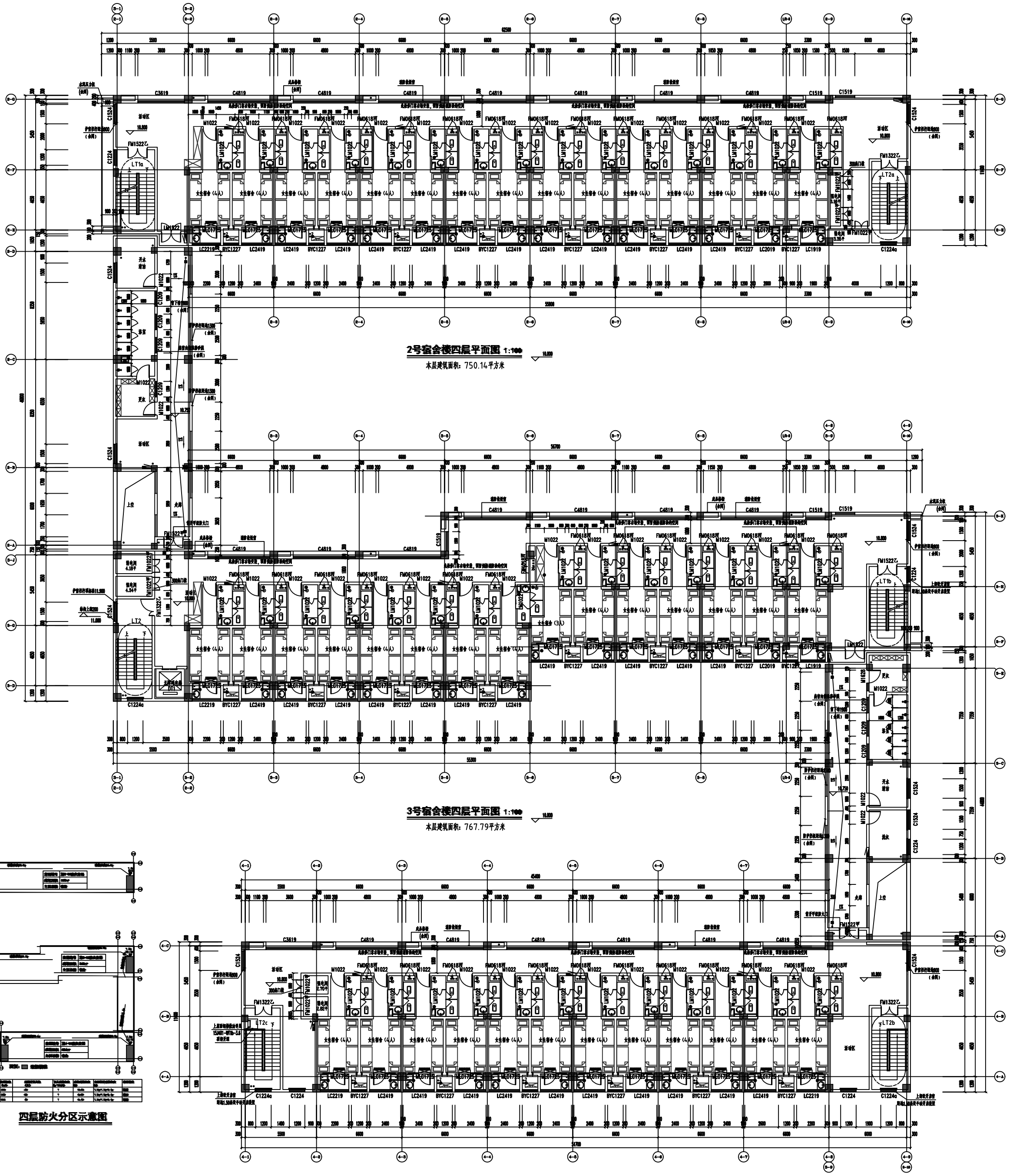
本层建筑面积：767.79平方米

4号宿舍楼三层平面图 1:100

本层建筑面积：555.78平方米

三层防火分区示意图

宿舍楼编号示意图

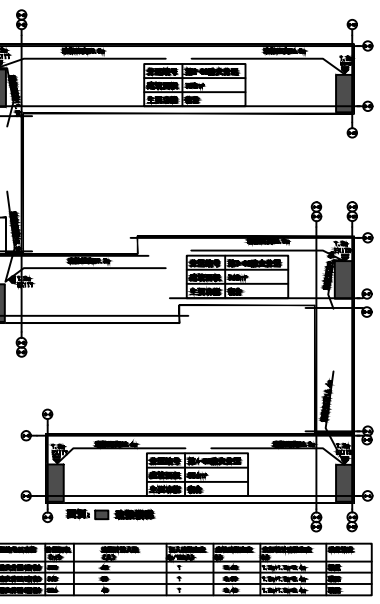


2号宿舍楼四层平面图 1:100

本层建筑面积：750.14平方米

3号宿舍楼四层平面图 1:100

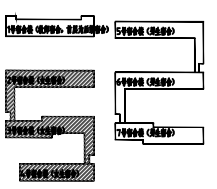
本层建筑面积：767.79平方米



四层防火分区示意图

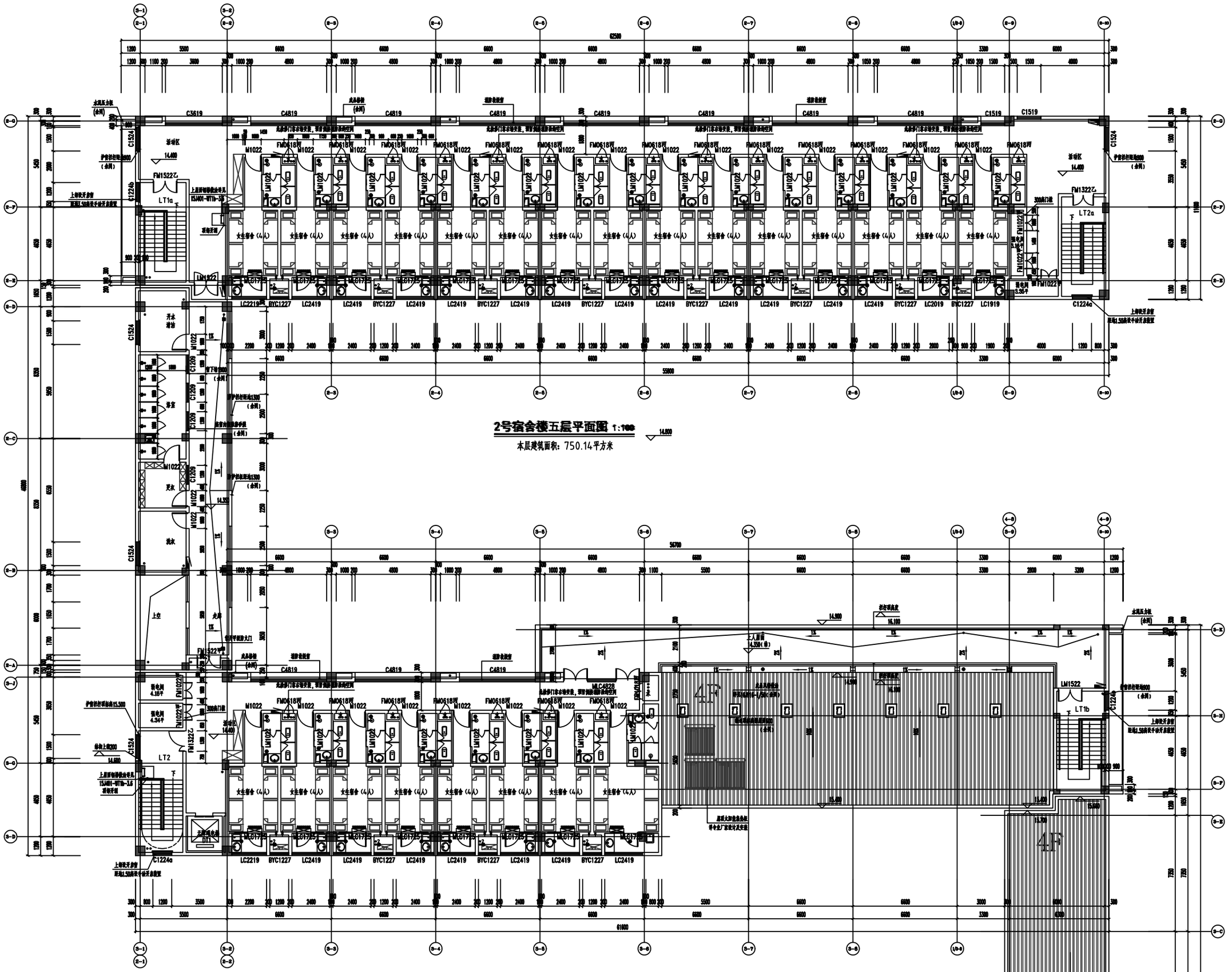
4号宿舍楼四层平面图 1:100

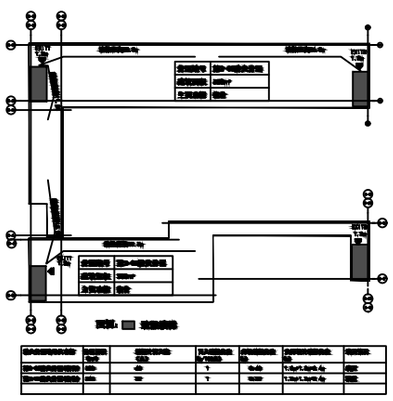
本层建筑面积：555.78平方米



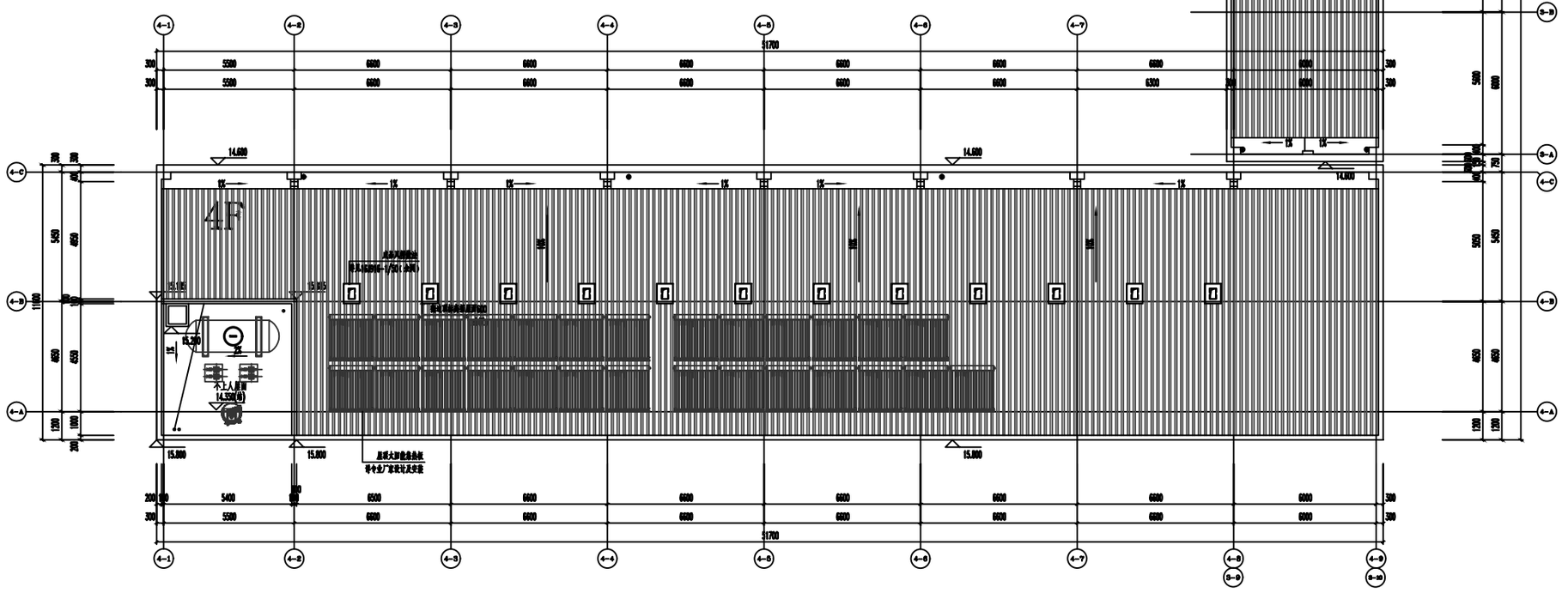
宿舍楼编号示意图

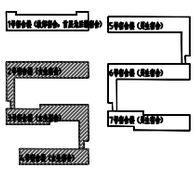
说明：
1. 本图尺寸单位除标高以米计外，其余均以毫米计。
2. 楼梯间、电梯间详见建筑详图。
3. 卫生间、开水间地面标高-0.020，其余房间地面标高±0.000。



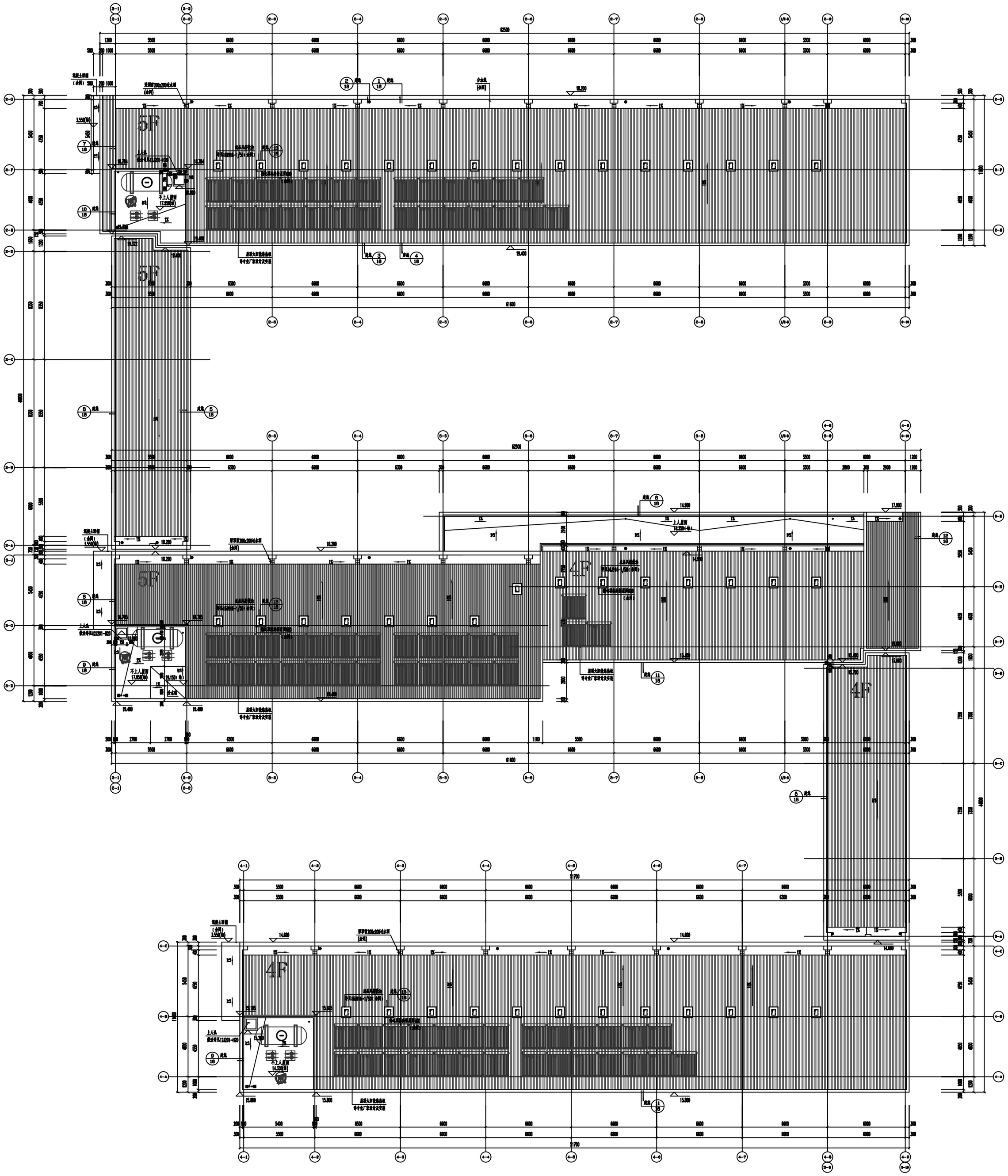


五层防火分区示意图

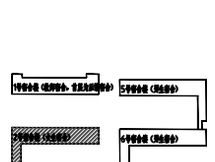




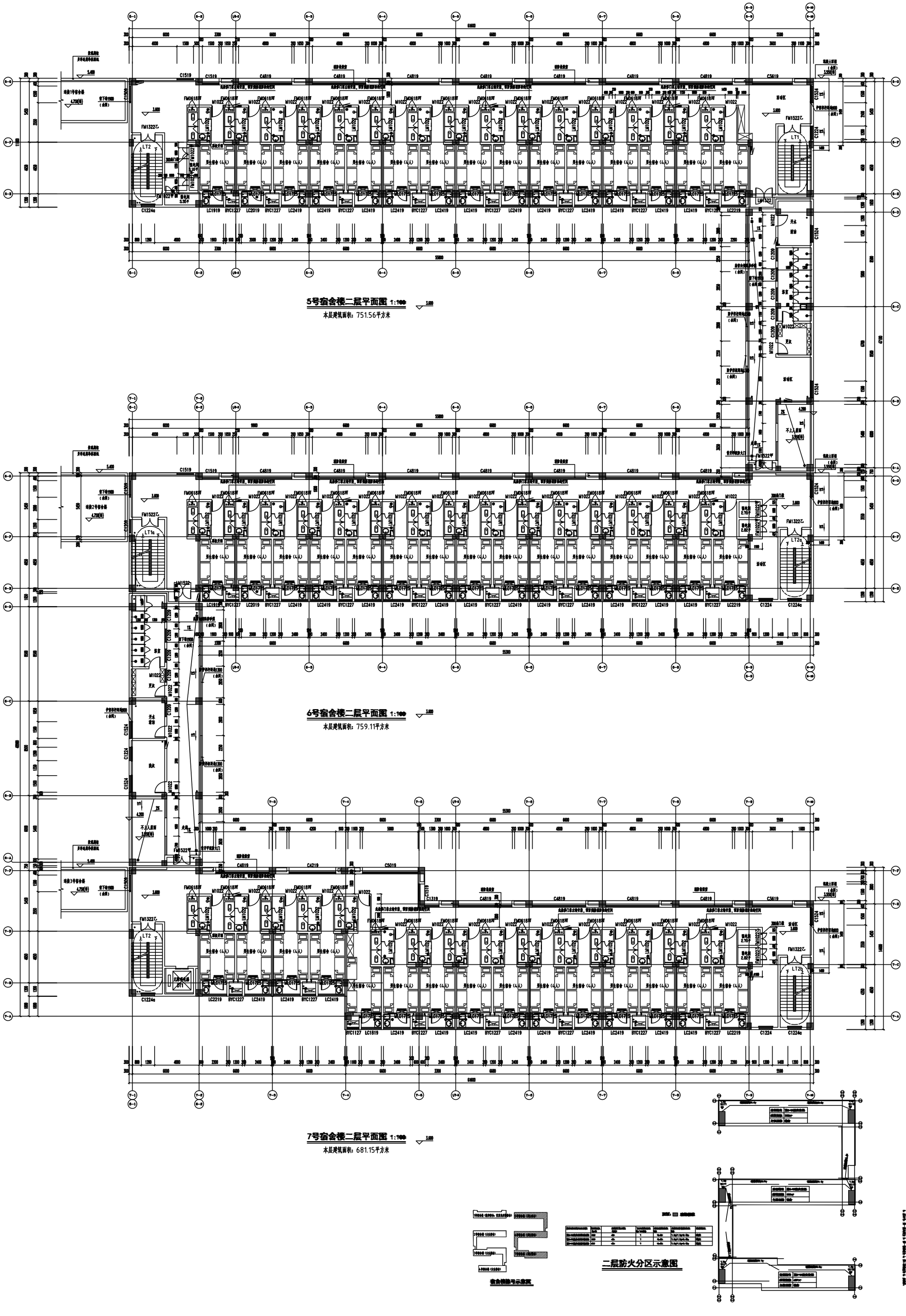
宿舍楼编号示意图



屋顶层平面图 1:100



全自动除湿号示意图


5号宿舍楼二层平面图 1:100
本层建筑面积：751.56平方米
6号宿舍楼二层平面图 1:100
本层建筑面积：759.11平方米
7号宿舍楼二层平面图 1:100
本层建筑面积：681.15平方米
男生宿舍 (4人)
LC1919
BYC1227
LC2019
LC2419
LC2219
C1224a
C1224
C1519
C4819
C4219
C5019
C3619
FM1322乙
FM1522乙
FM0618丙
M1022
LT1
LT2
LT1a
LT2a
卫生间
开水
浴室
更衣
茶歇区
二层防火分区示意图
宿舍楼梯号示意图