

阳台、外廊栏杆

批准单位
湖北省建设厅
河南省建设厅
湖南省建设委员会
广东省建设委员会
广西壮族自治区建设厅
海南省建设厅

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说 明

一. 适用范围

- (一) 本图集适用于一般民用建筑工程。
- (二) 本图集适用抗震设防烈度为8度及8度以下地区,当用于8度区时,不宜采用砖砌栏板。
- (三) 本图集可用于中庭及回廊栏杆。
- (四) 本图集带坐凳栏杆仅适用于底层。

二. 设计内容

(一) 本图集以钢筋混凝土、砖砌体、金属等材料为主作阳台、外廊栏杆,并相应的配以花池、花盆架、晒衣架、封窗、封铁栅等供单项工程设计选用。

(二) 本图集阳台、外廊栏杆的高度,用于低层、多层住宅 $H \leq 1.05m$;用于中高层、高层住宅及中、小学室外楼梯和水平栏杆 $H \leq 1.10m$,用于幼儿园、托儿所的阳台,屋顶平台的护栏 $H \leq 1.20m$ 。且其垂直杆件间净空 $\geq 0.11m$ 。阳台、外廊开间一般不大于 $3.60m$ (轴线间距离);阳台、外廊深度不大于 $1.80m$ (墙外缘至栏杆外缘);如单项工程大于上述情况,应由单项工程设计加强安全措施。

三. 设计依据

- 民用建筑设计通则 (JGJ 37-87)
住宅建筑设计规范 (GBJ 96-86)
建筑抗震设计规范 (GBJ 11-89)

四. 采用材料及构造

(一) 现浇钢筋混凝土栏板:80厚C20细石混凝土内配 $\phi 6 @ 150$ 双向钢筋,立筋应从阳台楼板或梁内预留,栏板上部高度150范围嵌入房屋墙体 ≥ 120 。

(二) 砖砌栏板用MU7.5机砖M5混合砂浆砌筑,砖砌栏板钢筋混凝土压顶嵌入房屋墙体 ≥ 120 ;栏板转角处设钢筋混

凝土构造柱 120×120 ,内配 $4\phi 12$ 钢筋,钢筋锚入梁(板)350,箍筋为 $\phi 4 @ 150$,C20混凝土,构造柱间距 $\leq 3.60m$ 。

(三) 金属栏杆:焊缝高度 $\geq 6mm$,打磨毛刺,除锈后用防锈漆打底,黑色聚氨酯漆二度单面(或由单项工程设计定)。

(四) 预制钢筋混凝土栏杆、漏花:C20细石混凝土制作,要求表面平整,安装后刷白色丙烯酸涂料二度(或由单项工程设计定)。

(五) 外廊栏杆按开间设构造柱 120×120 内配 $4\phi 12$ 钢筋,钢筋锚入梁(板)350,箍筋为 $\phi 4 @ 150$,C20混凝土。

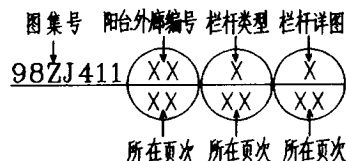
(六) 砖栏板、钢筋混凝土栏板及压顶表面用20厚1:2水泥砂浆抹面;外装修由单项工程设计定。

(七) 竖条栏杆垂直杆件间的净距 ≤ 110 。

(八) 钢筋一般可采用绑扎接头,花池上口主筋应与栏杆压顶主筋焊接。

(九) 阳台地面为1:2水泥砂浆(掺3%防水粉)作5%坡度坡向地漏,最薄处为20厚。阳台地面应低于室内楼(地)面20~30。(如单项工程设计有说明时以单项工程设计为准)

五. 选用方法



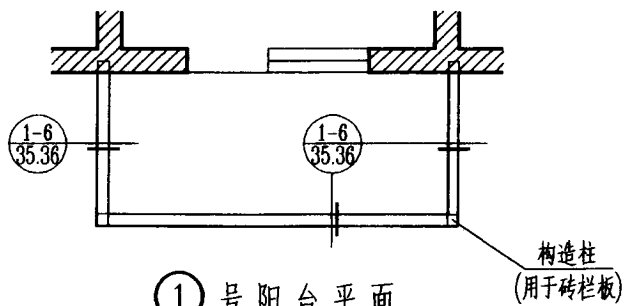
六. 施工及验收

严格遵守国家现行有关施工及验收标准、规范和规程。

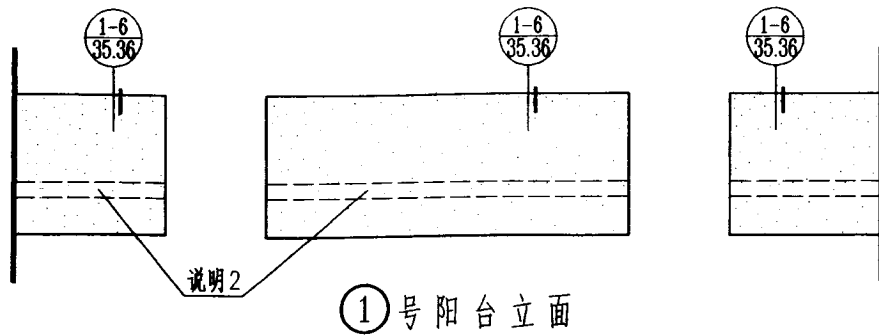
七. 本图集未注明单位的尺寸均以毫米计。

说 明

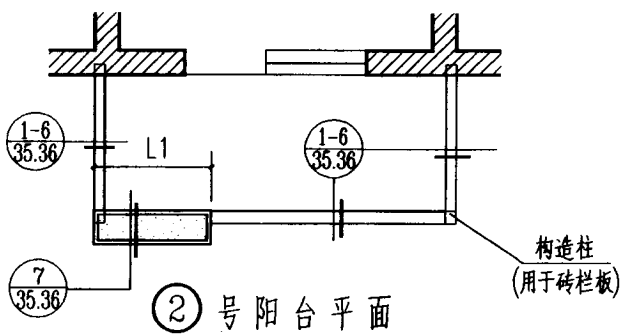
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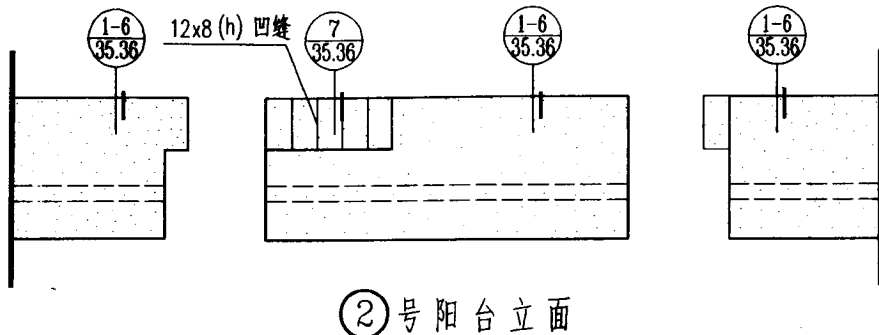
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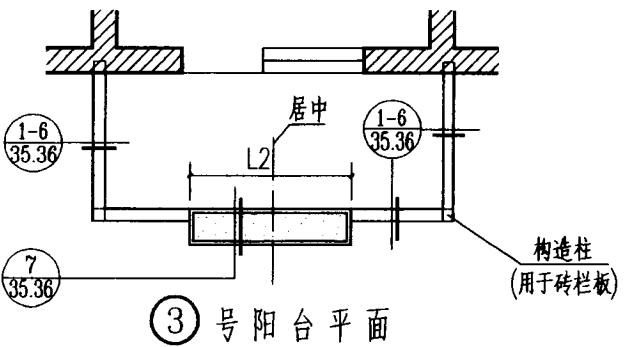
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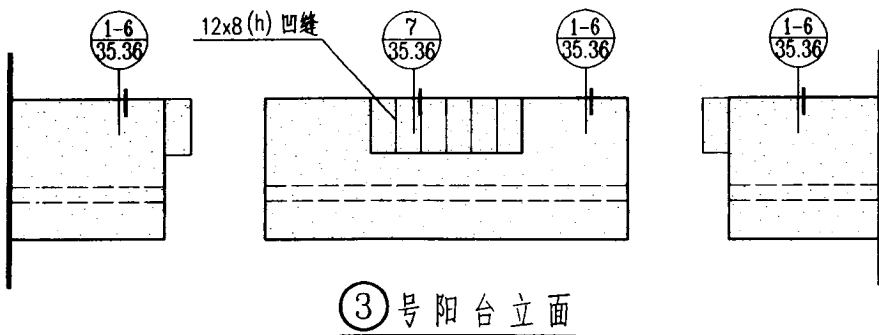
②号阳台平面



②号阳台立面



③号阳台平面



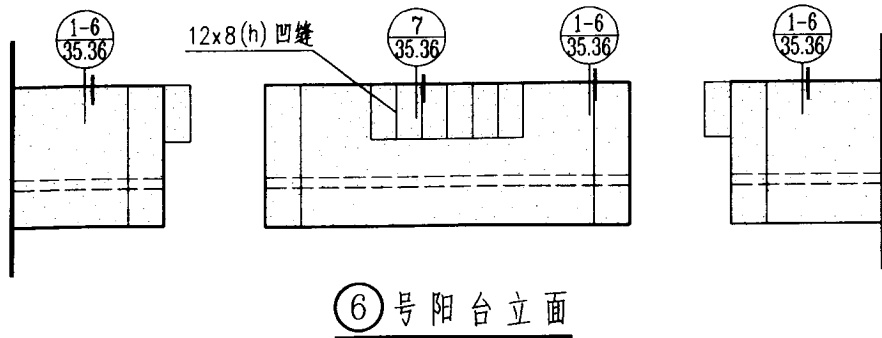
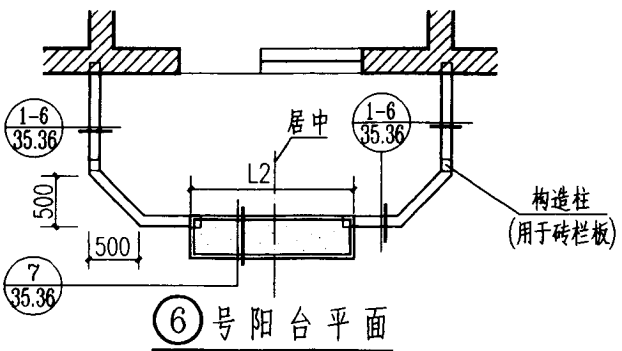
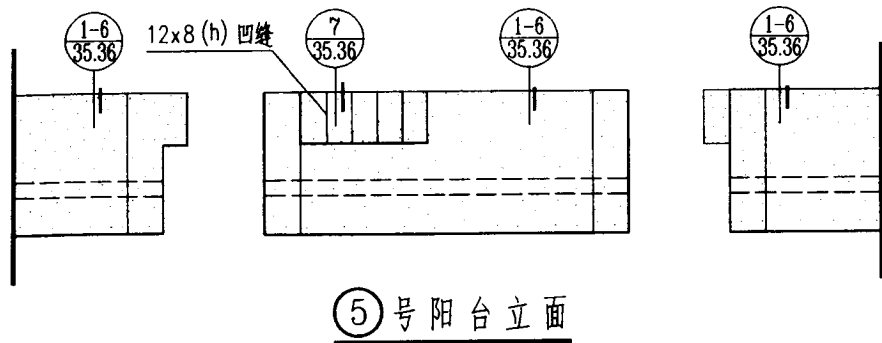
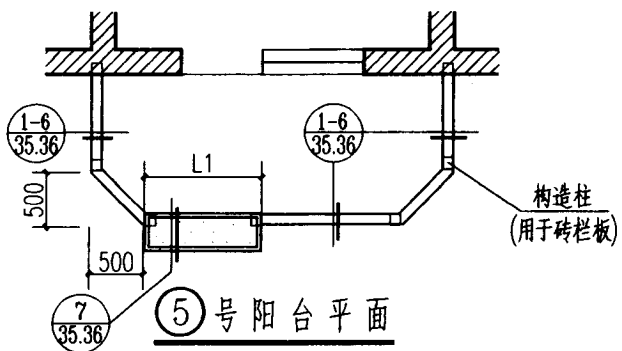
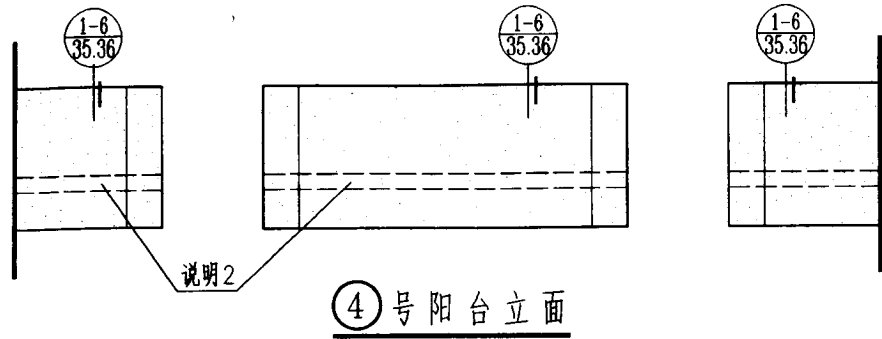
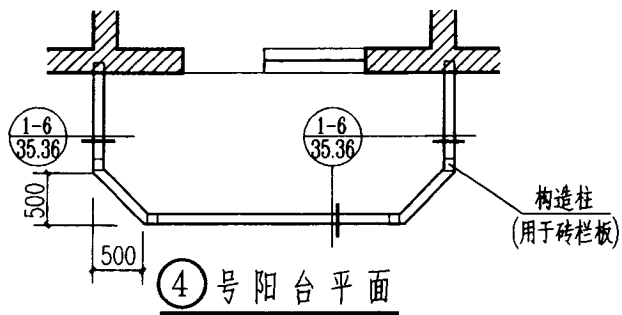
③号阳台立面

说明: 1. L1、L2 按单项工程设计, 如单项工程设计未注明时, L1=1200, L2=1500.
 2. 立面图中虚线部分为漏空, 详图见第39页③, 仅用于钢筋混凝土栏板。

①、②、③号阳台平、立面图

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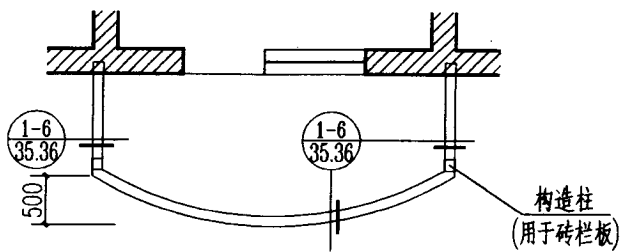
枝	核	巫	元	巫元
设	计	钱	曾	钱
制	图	钱	曾	钱
				钱世揚



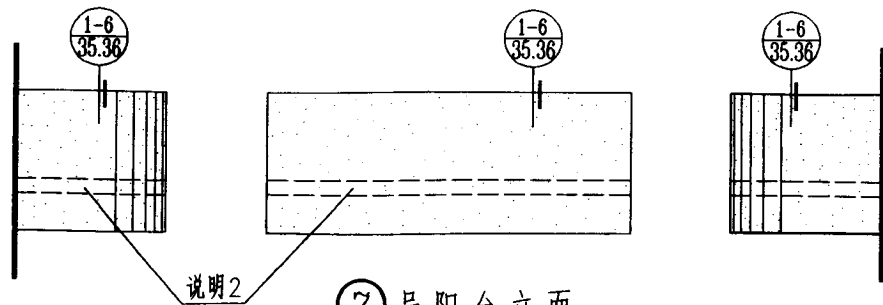
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2. 立面图中虚线部分为漏空, 详图见第 39 页③, 仅用于钢筋混凝土栏板。

④、⑤、⑥号阳台平、立面图

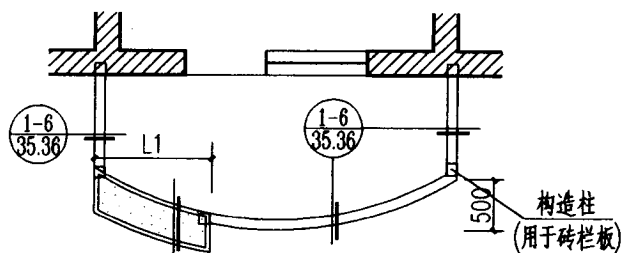
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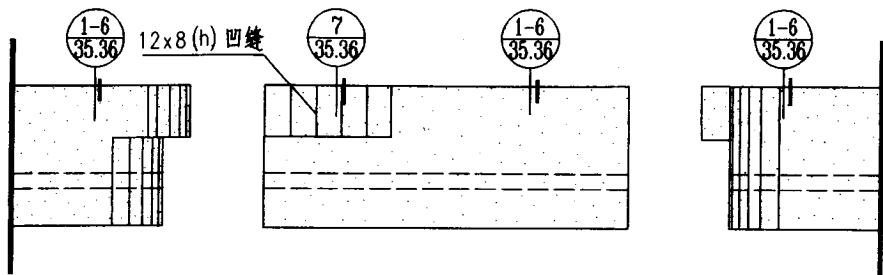
⑦号阳台平面



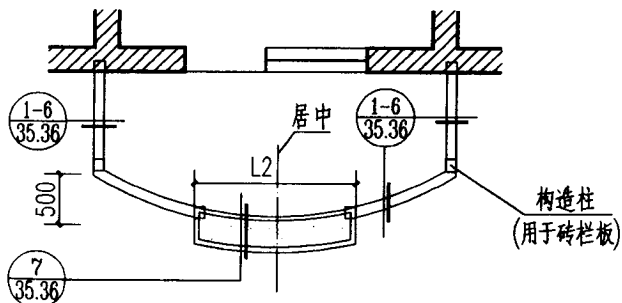
⑦号阳台立面



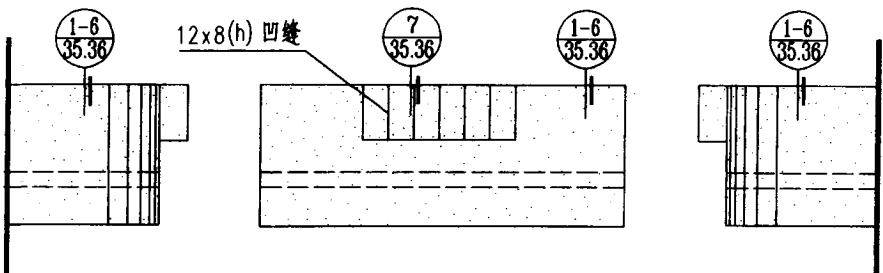
⑧号阳台平面



⑧号阳台立面



⑨号阳台平面



⑨号阳台立面

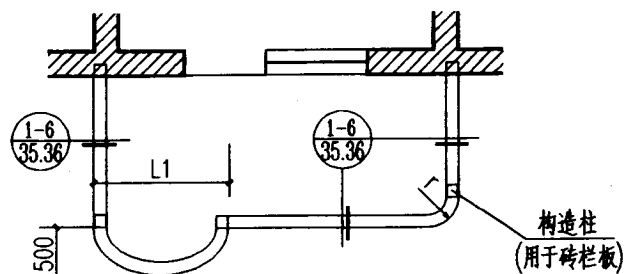
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2. 立面图中虚线部分为漏空详图见第 39 页③, 仅用于钢筋混凝土楼板.

⑦、⑧、⑨号阳台平、立面图

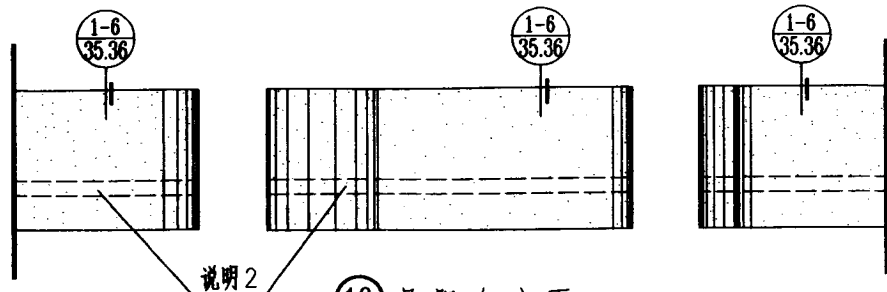
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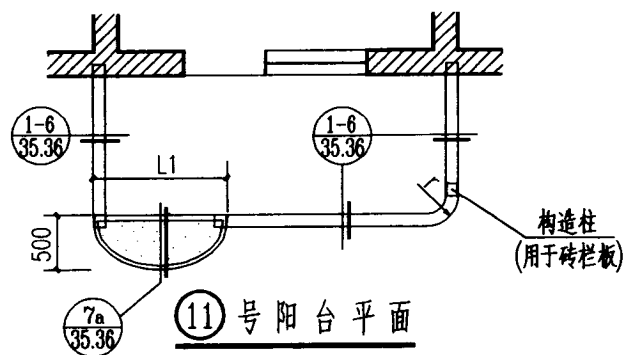
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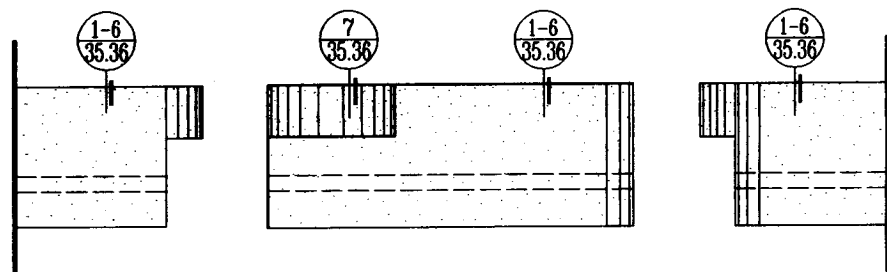
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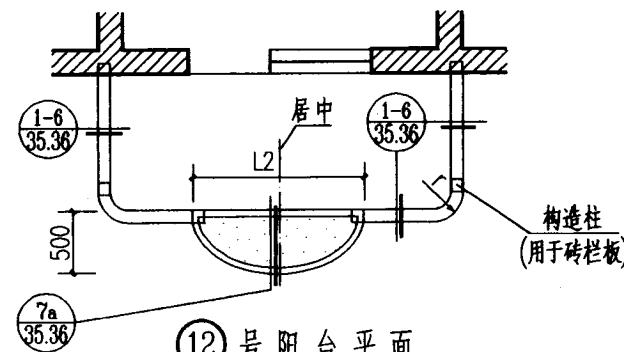
⑩号阳台立面



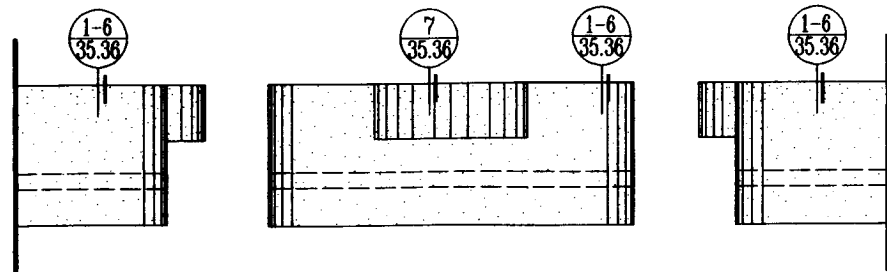
⑪号阳台平面



⑪号阳台立面



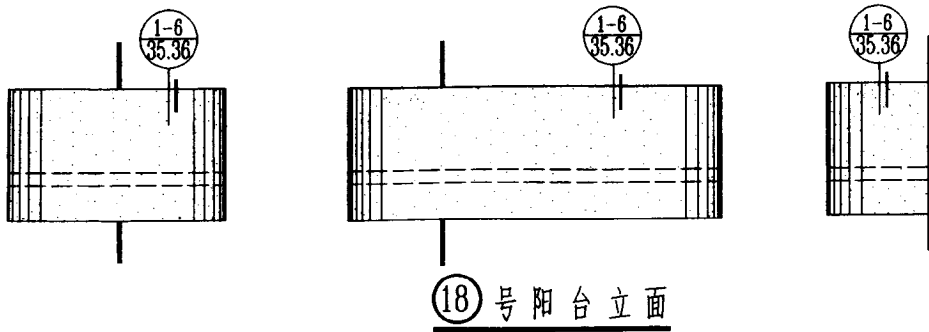
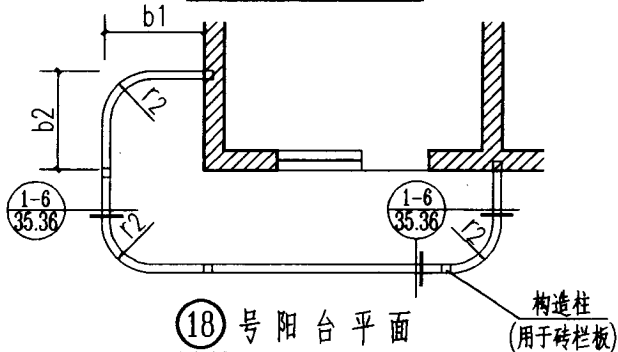
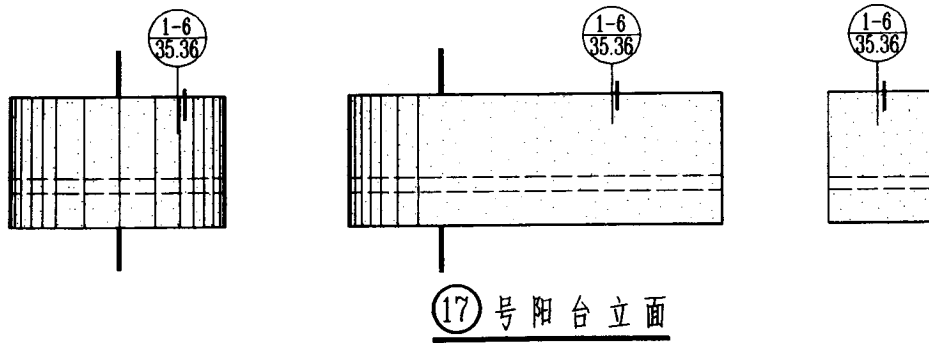
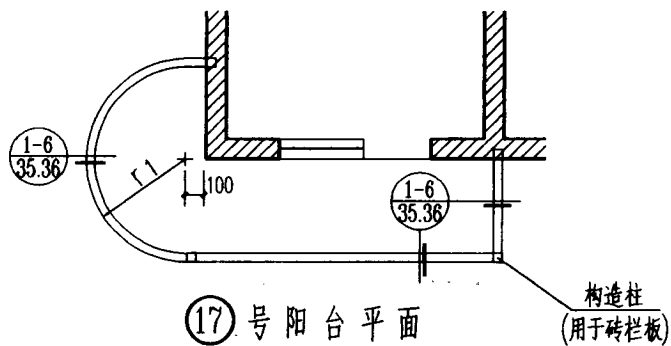
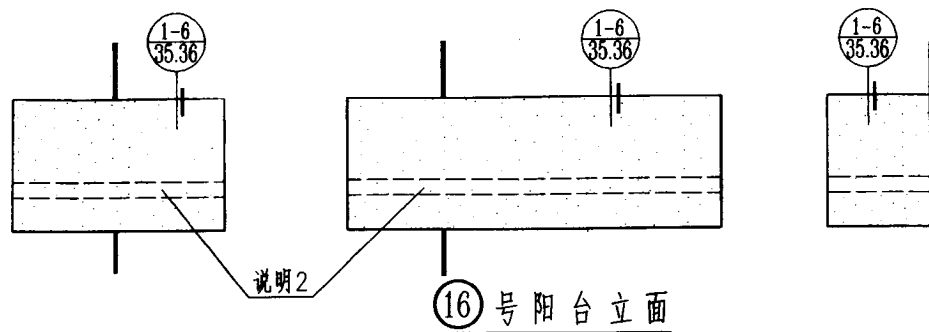
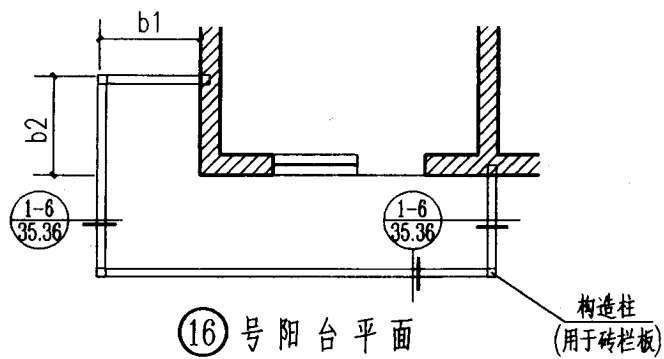
⑫号阳台平面



⑫号阳台立面

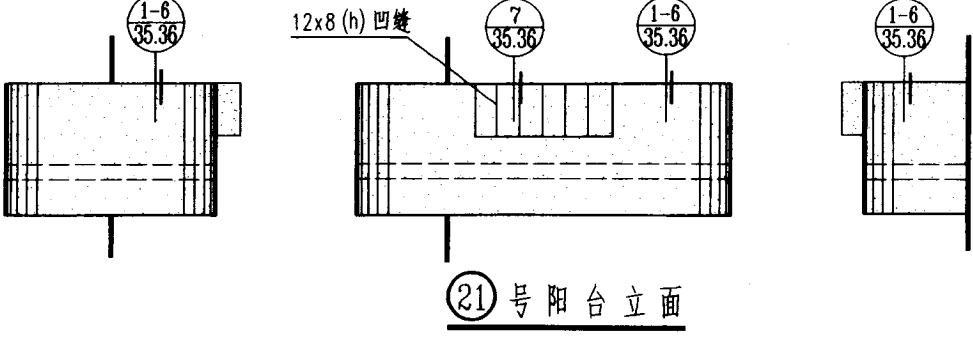
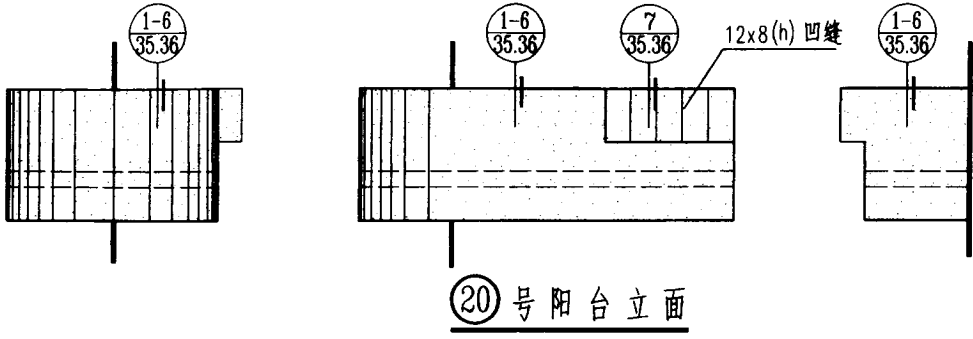
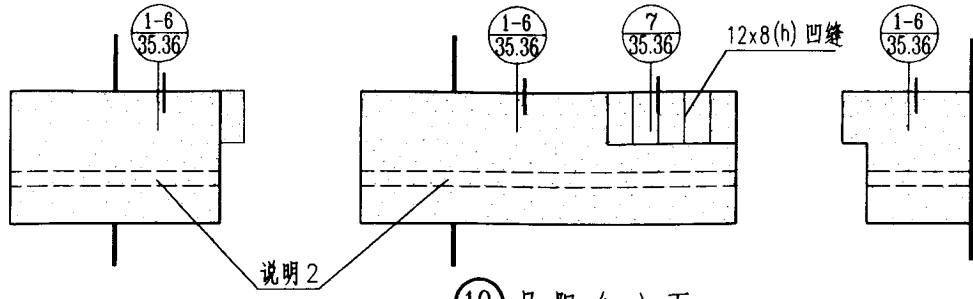
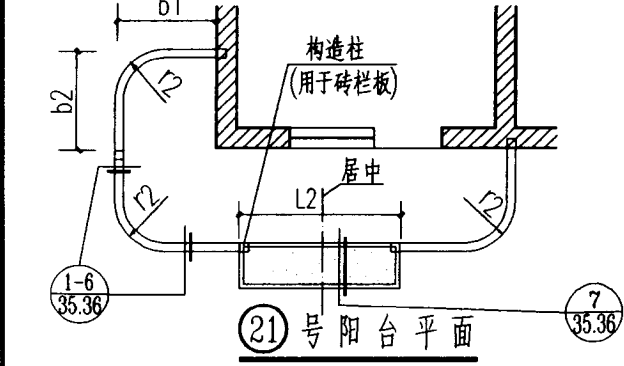
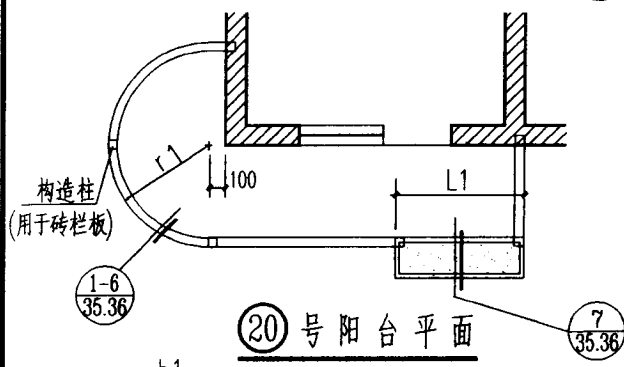
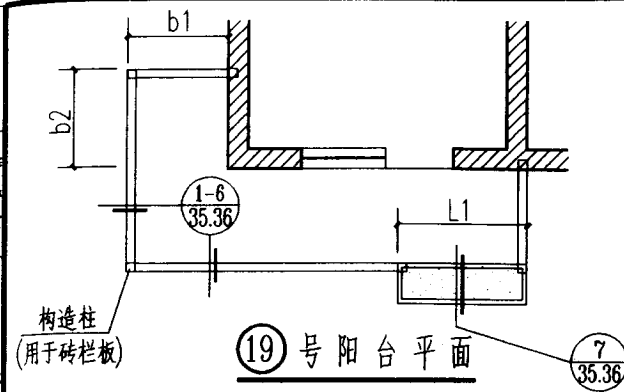
说明: 1. L1, L2, r 按单项工程设计, 如单项工程设计未注明时, L1=1200, L2=1500, r=500.
2. 立面图中虚线部分为漏空, 详图见第39页③, 仅用于钢筋混凝土栏板。

⑩、⑪、⑫号阳台平、立面图



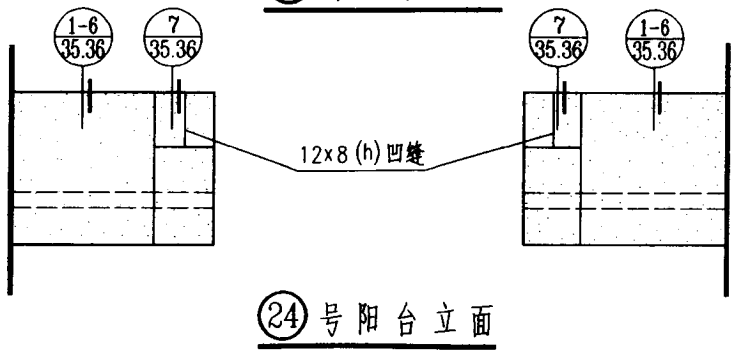
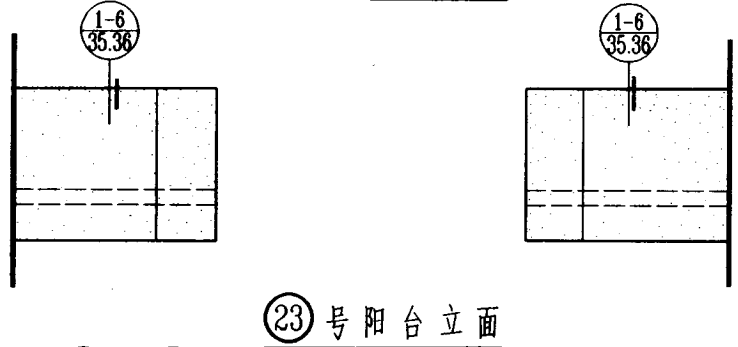
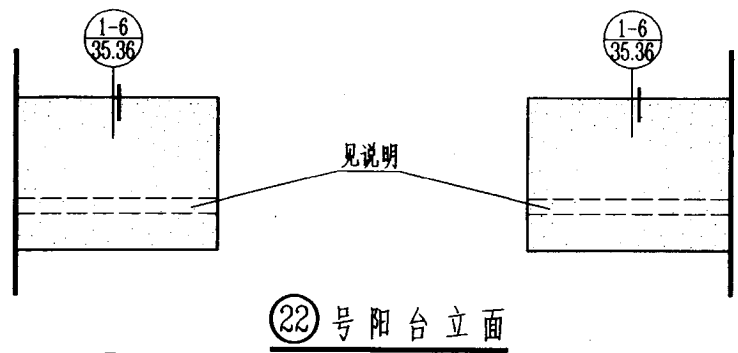
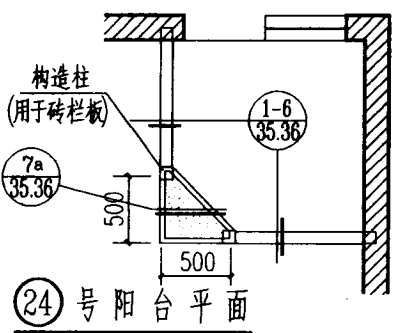
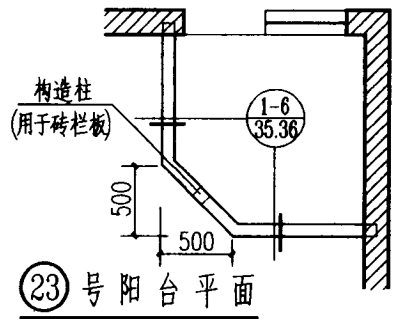
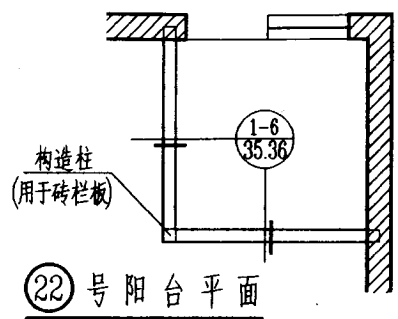
说明: 1. b1, b2, r1, r2 按单项工程设计。
2. 立面图中虚线部分为漏空, 详图见第39页③, 仅用于钢筋混凝土栏板。

16、17、18号阳台平、立面图



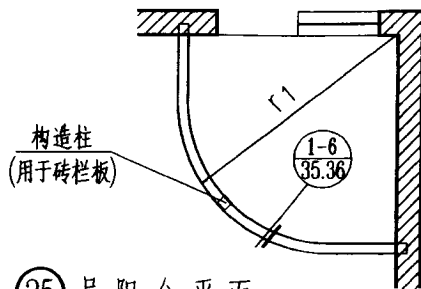
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 2. 立面图中虚线部分为漏空, 详图见第39页③, 仅用于钢筋混凝土栏板.

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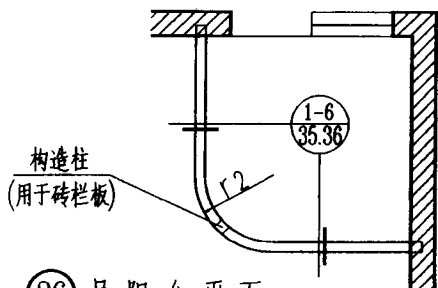


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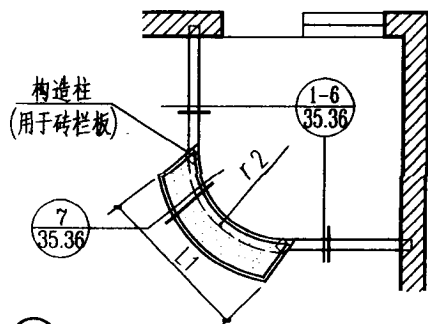
22、23、24号阳台平、立面图



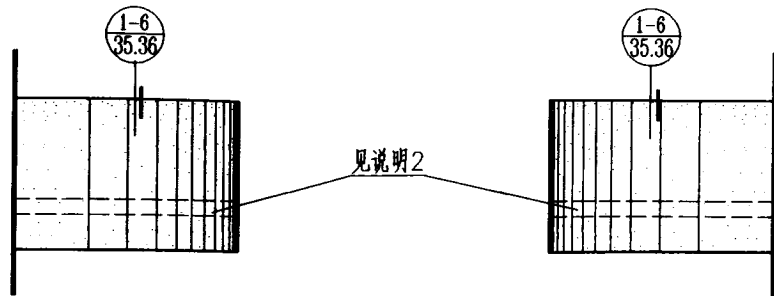
②5号阳台平面



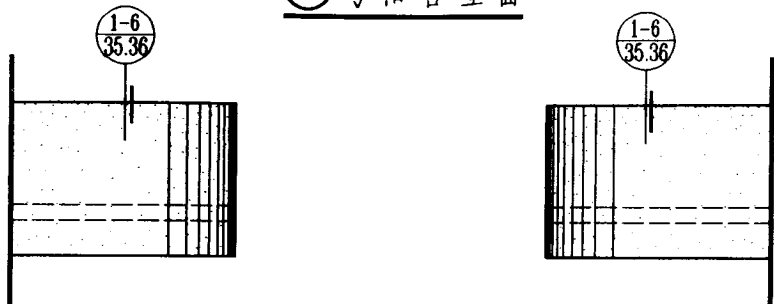
②6号阳台平面



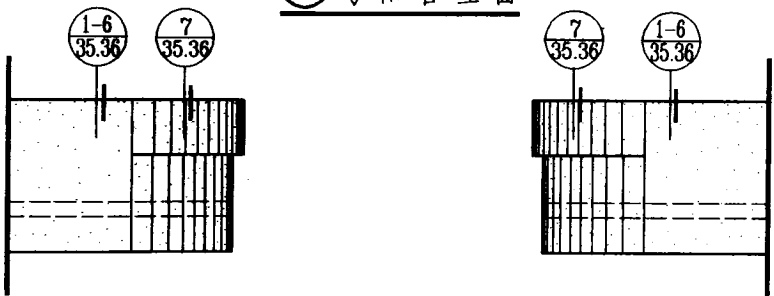
②7号阳台平面



②5号阳台立面



②6号阳台立面

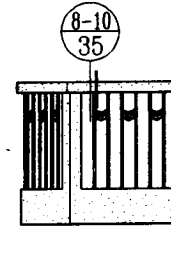
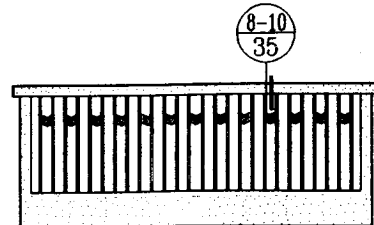
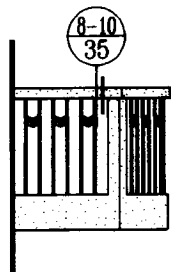
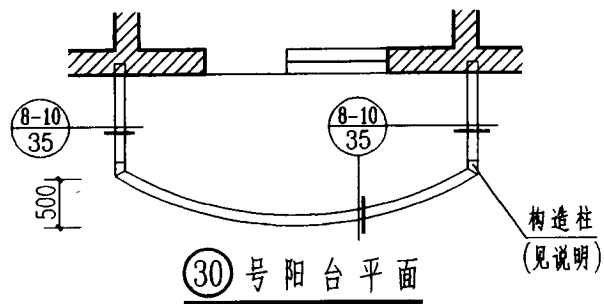
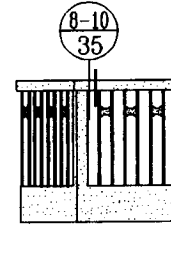
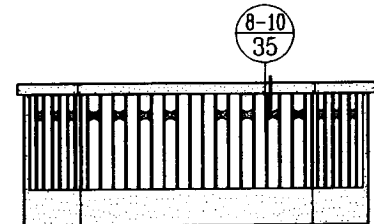
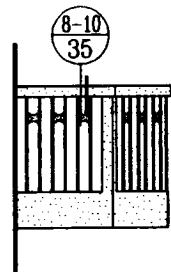
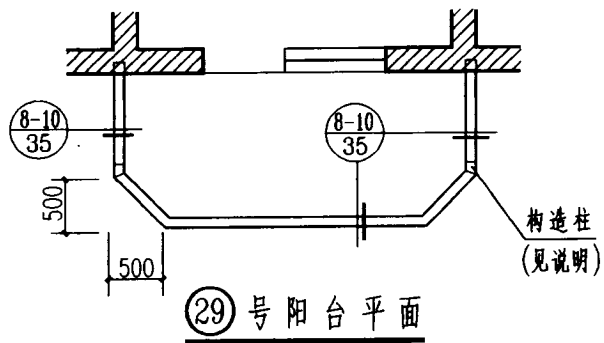
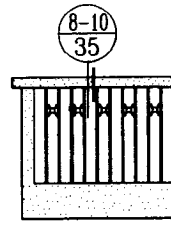
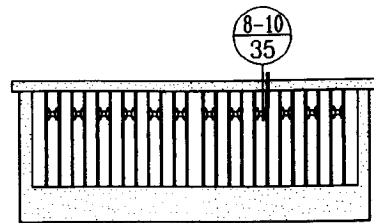
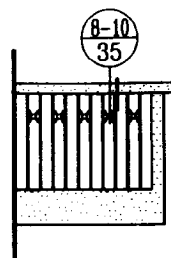
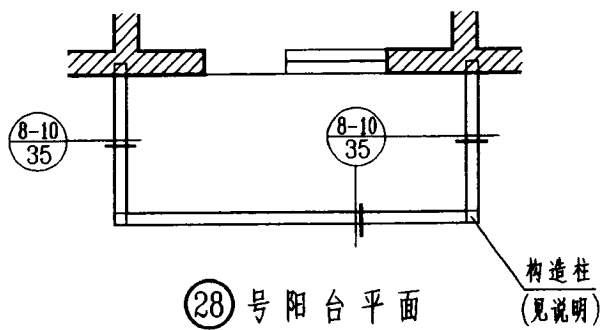


②7号阳台立面

说明: 1. r_1, r_2, L_1 由单项工程设计定。
2. 立面图中虚线部分为漏空, 详图见第39页③, 仅用于钢筋混凝土栏板。

②5、②6、②7号阳台平、立面图

图集号	98ZJ411
页	11



说明:构造柱作法同砖栏板;用于钢管栏杆时,不设构造柱。

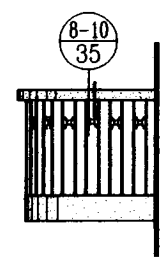
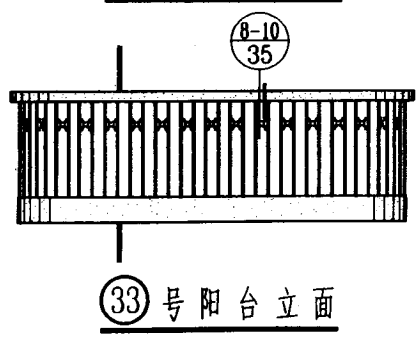
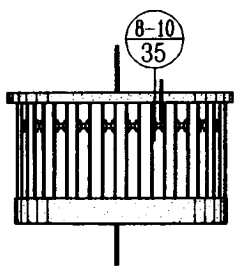
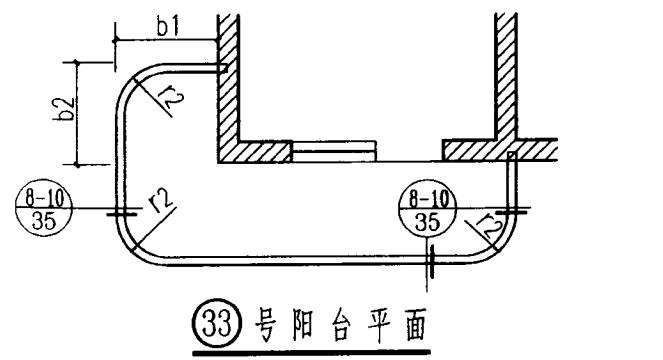
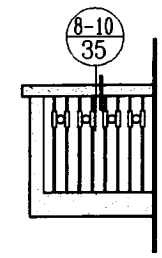
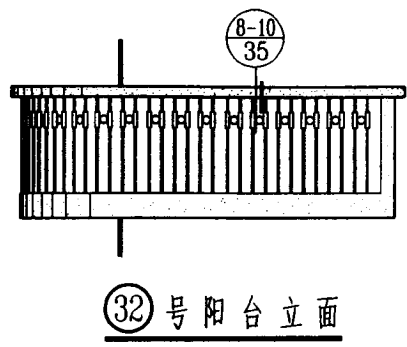
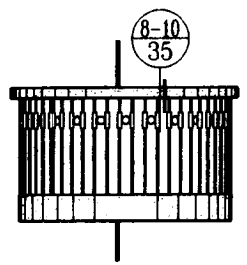
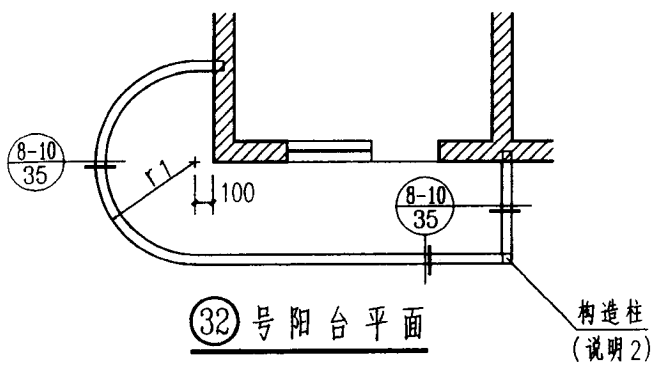
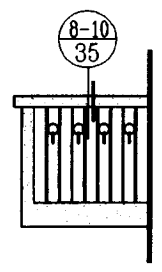
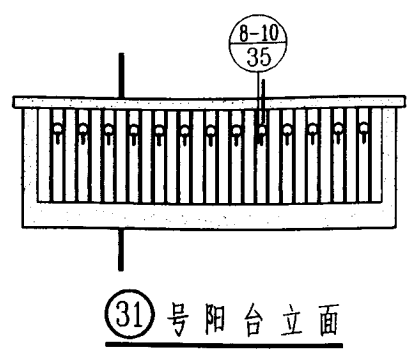
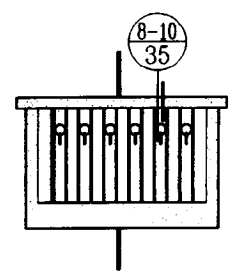
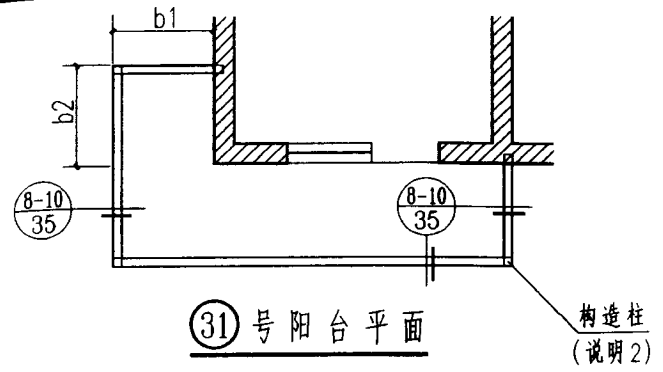
②⑧、②⑨、③⑩号阳台平、立面图

图集号	98ZJ411
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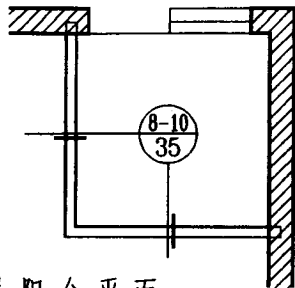
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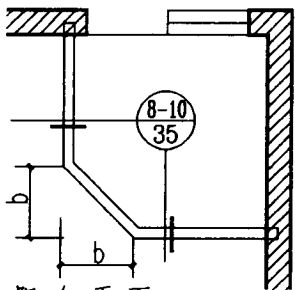
说明: 1. b1, b2, r1, r2按单项工程设计。
 2. 构造柱作法同砖栏板; 用于钢管栏杆时, 不设构造柱。

31, 32, 33号阳台平、立面图

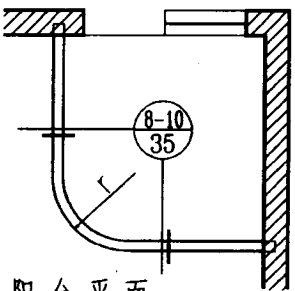
图集号	98ZJ411
页	13



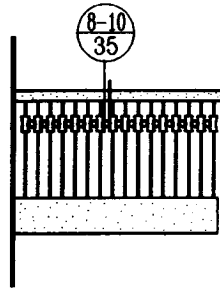
③4号阳台平面



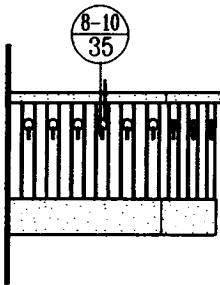
③5号阳台平面



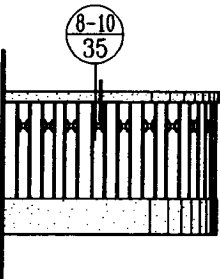
③6号阳台平面



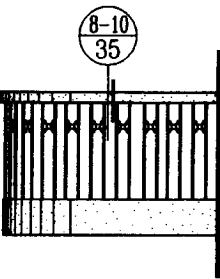
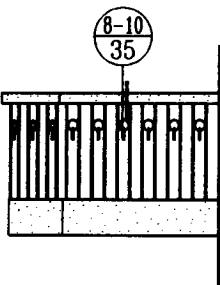
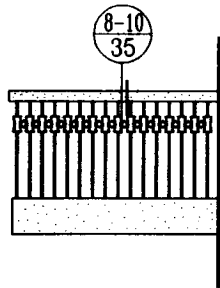
③4号阳台立面



③5号阳台立面



③6号阳台立面



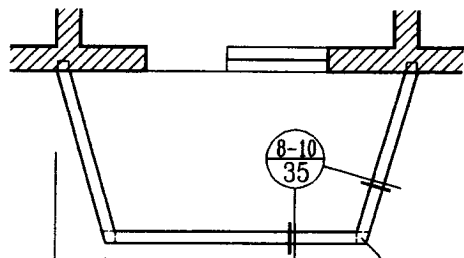
说明: r、b由单项工程设计定,单项工程设计未注明时为500。

③4、③5、③6号阳台平、立面图

图集号	98ZJ411
页	14

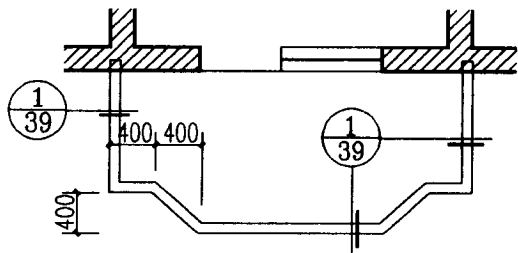
A diagram of a rectangular structure, possibly a container or a piece of equipment, with vertical bars or slats. A circular label is attached to the top center, containing the text "8-10" and "35".

A diagram of a bridge deck with a circular callout containing the fraction $\frac{8-10}{35}$.



A diagram of a rectangular rebar cage. It consists of 35 vertical bars. A circular label with the text "8-10/35" is positioned above the cage, with a line pointing to the bars. The cage is supported by three vertical columns at the bottom.

A diagram of a vertical bar chart. It consists of six vertical bars of equal height, arranged side-by-side. Above the first bar, there is a circular label containing the text "8-10" over "35". The bars are set against a background that is divided into two horizontal sections: a top section with a stippled pattern and a bottom section with a solid light gray color.



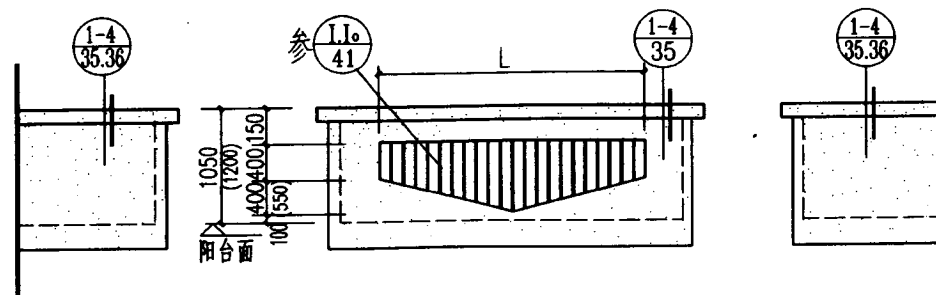
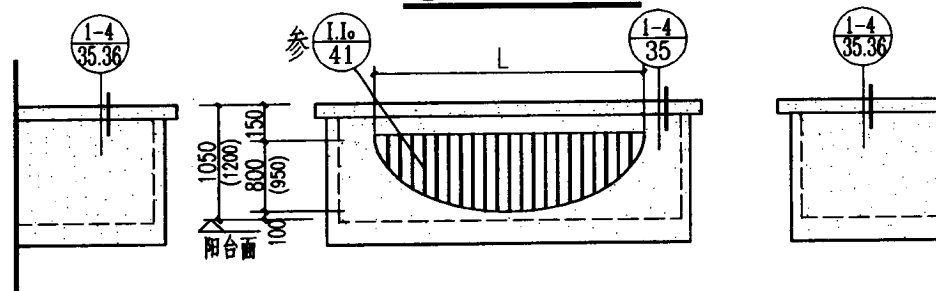
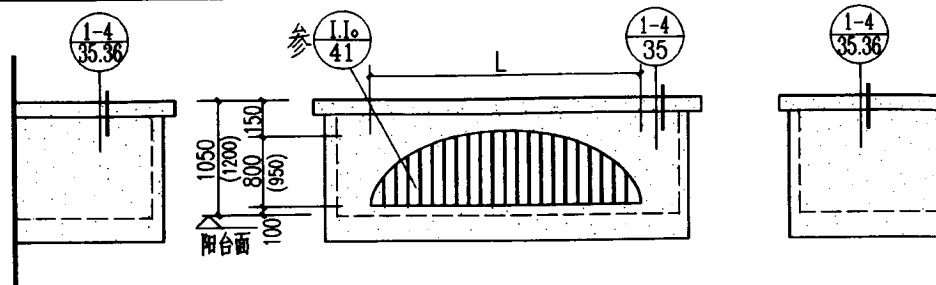
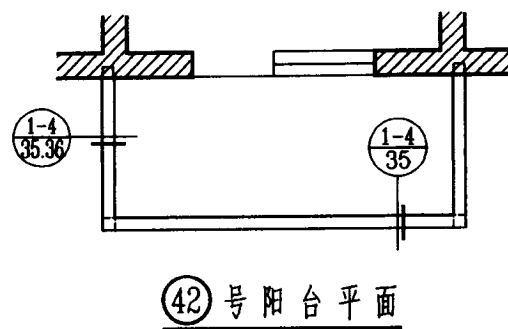
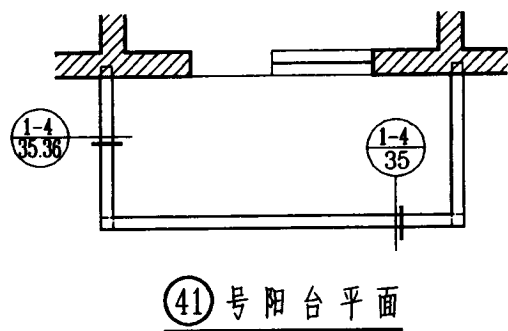
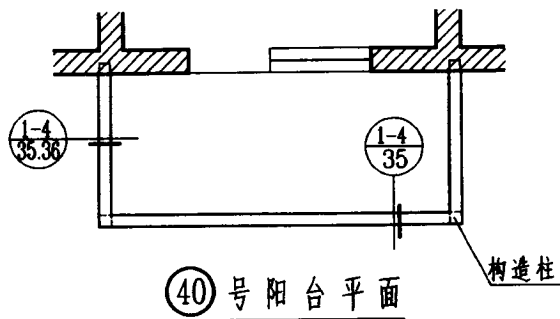
A diagram of a bridge with a sign above it. The sign is a circle divided horizontally, with the number '1' in the top half and '39' in the bottom half. The bridge has a railing and a base.

A diagram of a bridge with a circular sign on top. The sign is divided horizontally with the number '1' above the fraction '39'.

A diagram of a bridge with a sign on top. The sign is a circle divided horizontally, with the number '1' in the top half and '39' in the bottom half. The bridge has a railing and a base.

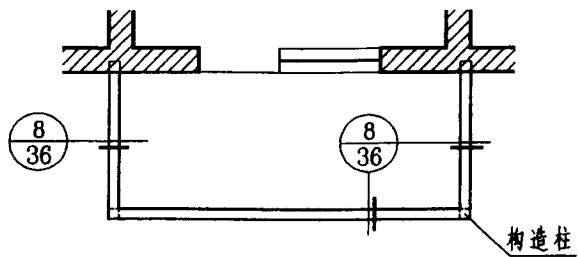
③⑦、③⑧、③⑨号阳台平、立面图

图集号	98ZJ411
页	15

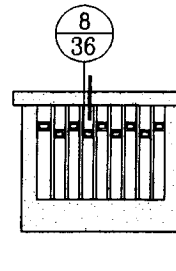
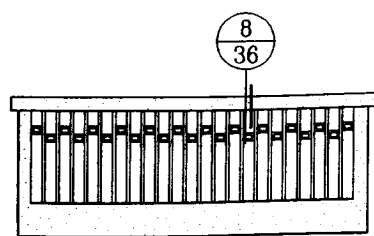
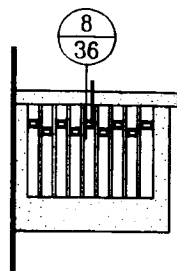


说明: L 按单项工程设计, 括号内尺寸用于高层建筑。

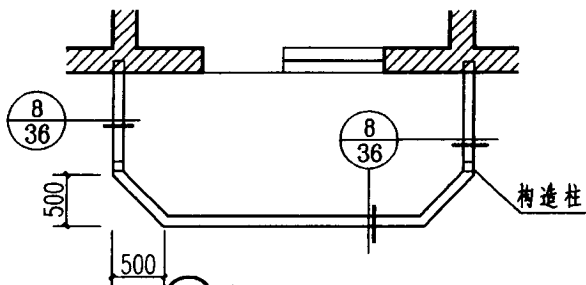
④0、④1、④2号阳台平、立面图



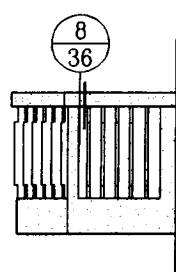
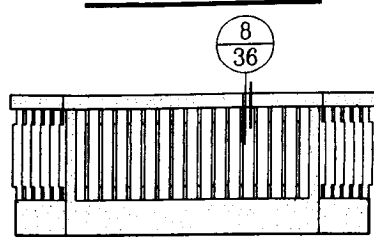
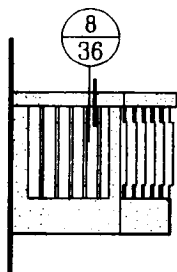
④3号阳台平面



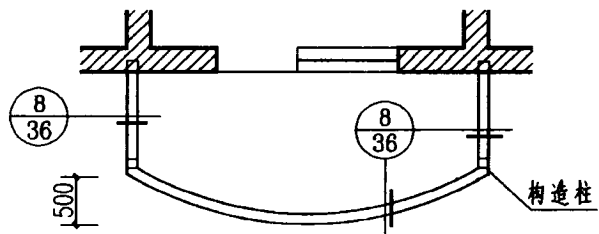
④3号阳台立面



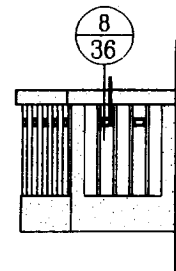
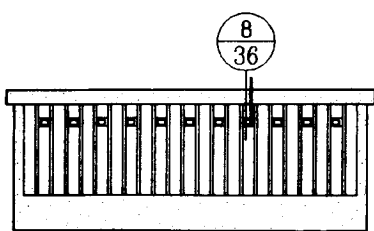
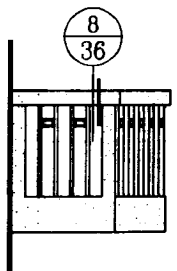
④4号阳台平面



④4号阳台立面



④5号阳台平面

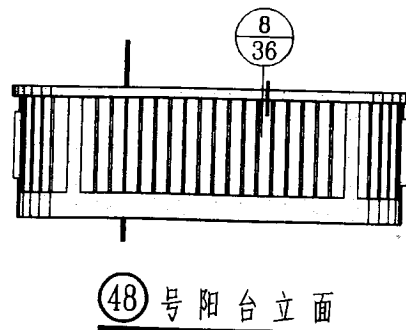
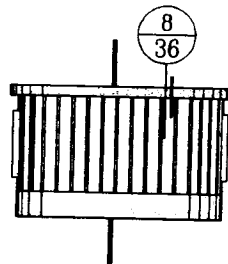
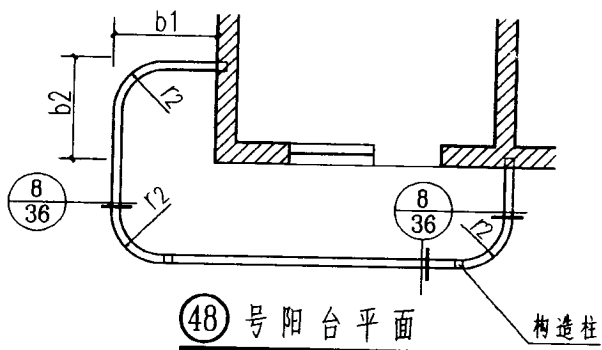
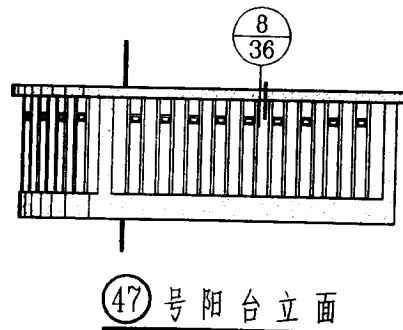
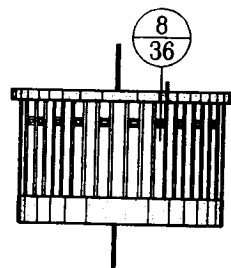
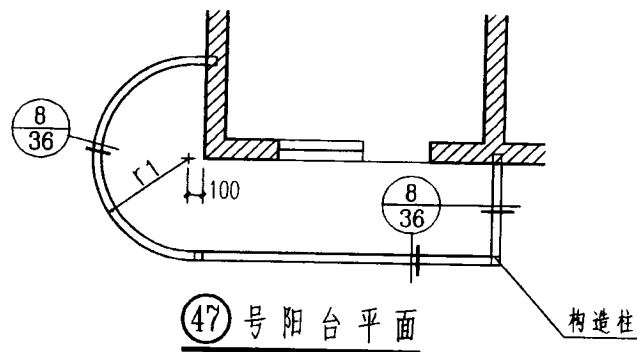
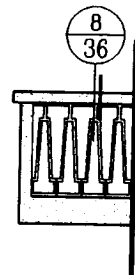
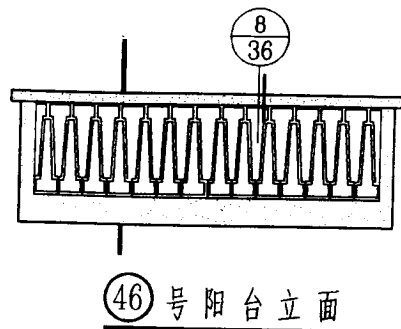
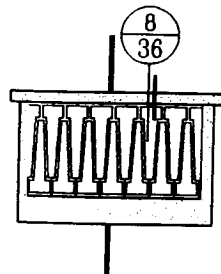
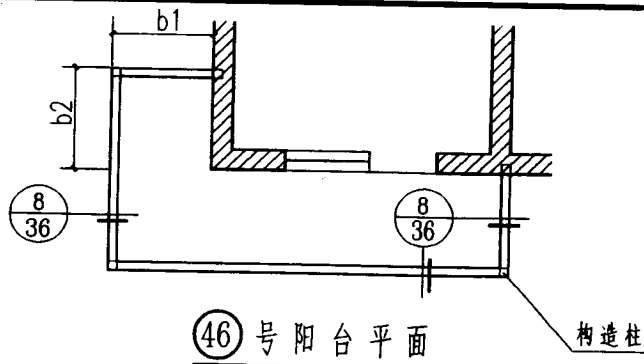


④5号阳台立面

说明：构造柱作法同砖栏板。

④3、④4、④5号阳台平、立面图

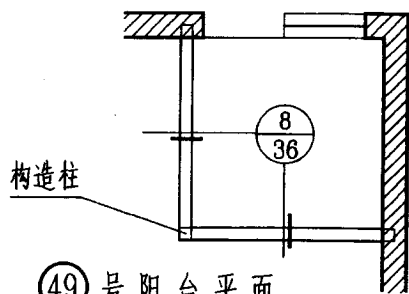
图集号	98ZJ411
页	17



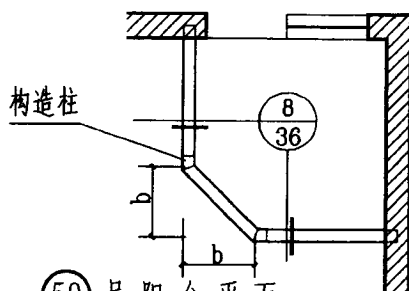
说明: 1. b1. b2. r1. r2 按单项工程设计.
2. 构造柱作法同砖栏板.

④6.④7.④8号阳台平立面图

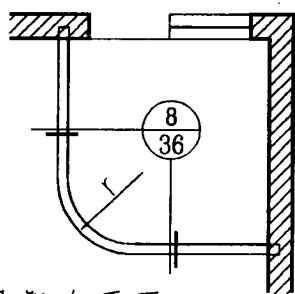
图集号 98ZJ411
页 18



④ 9 号阳台平面

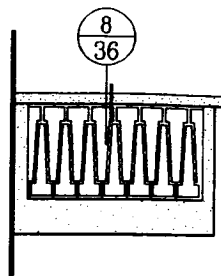


⑤0 号 阳 台 平 面

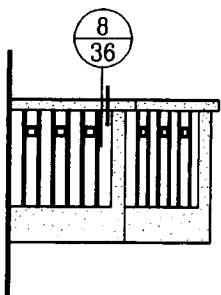
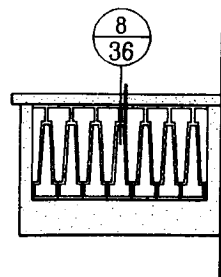


⑤1号阳台平面

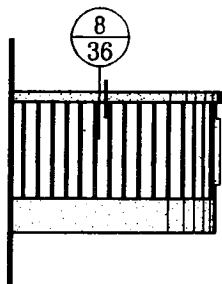
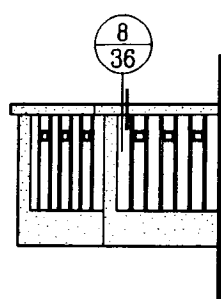
说明: 1. r.b 由单项工程设计定, 单项工程设计未注明时为 500.
2. 构造柱作法同砖栏板.



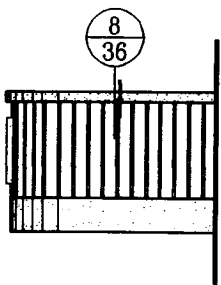
④9号阳台立面



⑤⑤号阳台立面



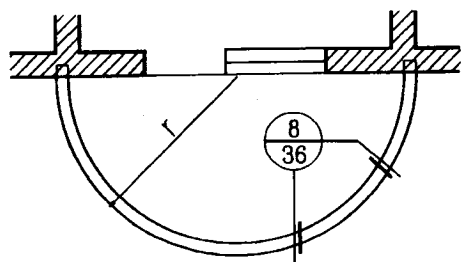
⑤1号阳台立面



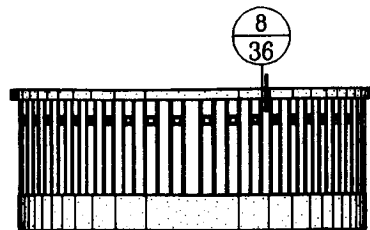
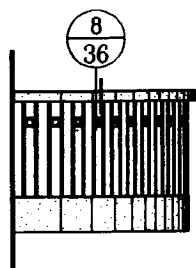
④③、⑤①、⑤①号阳台平、立面图

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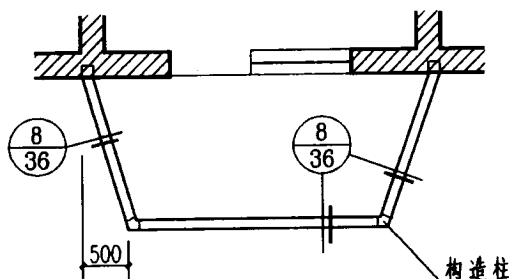
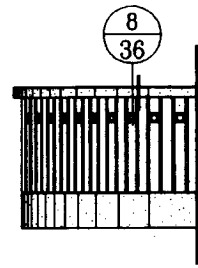
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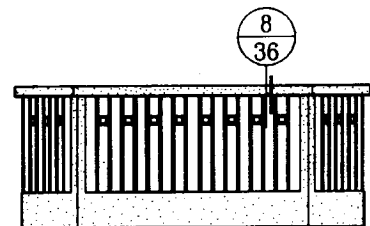
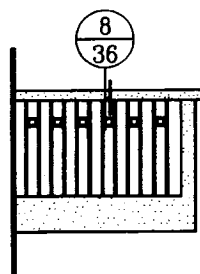
⑤2号阳台平面



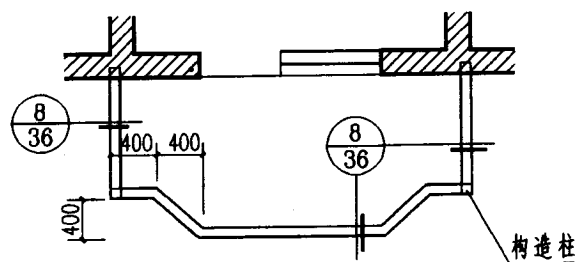
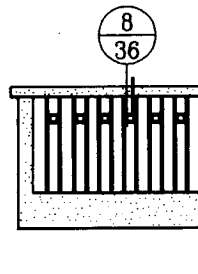
⑤2号阳台立面



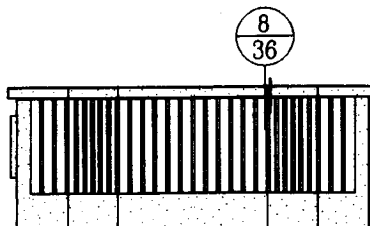
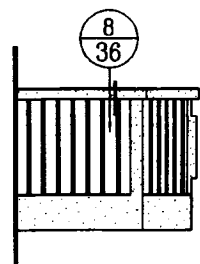
⑤3号阳台平面



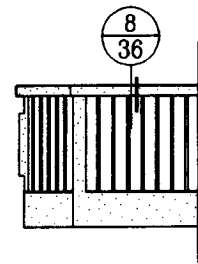
⑤3号阳台立面



⑤4号阳台平面

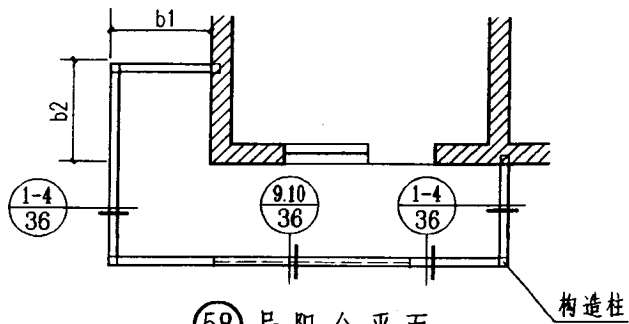


⑤4号阳台立面

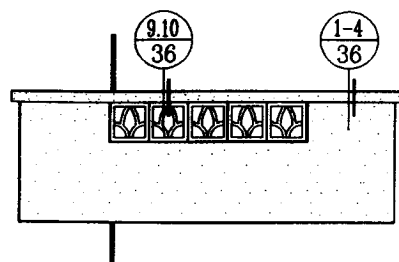
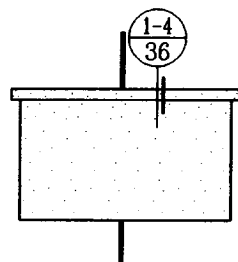


说明: 1. r 由单项工程设计定, 如单项工程设计未注明时为 $1/2$ 开间+120.
2. 构造柱作法同砖栏板.

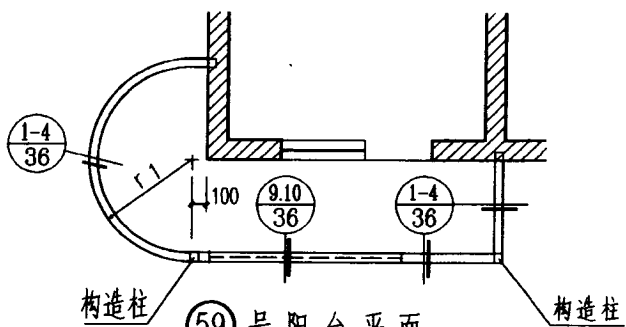
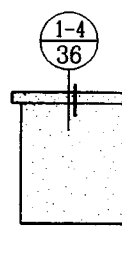
⑤2、⑤3、⑤4号阳台平、立面图



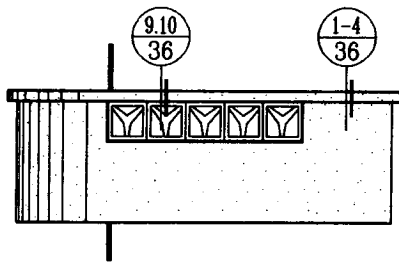
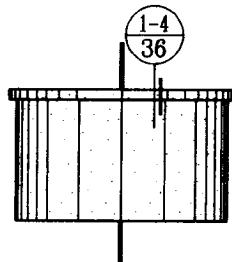
⑤⑧号阳台平面.



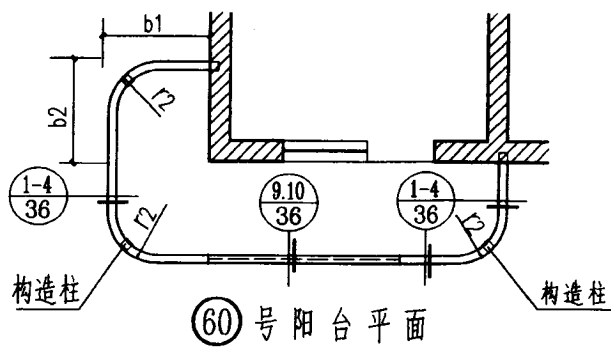
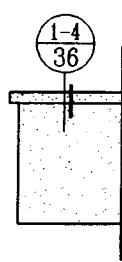
⑤8号阳台立面



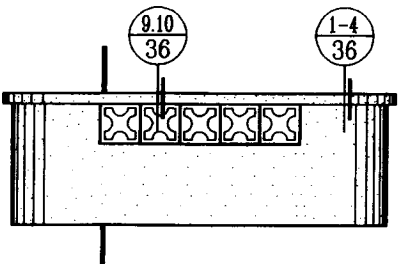
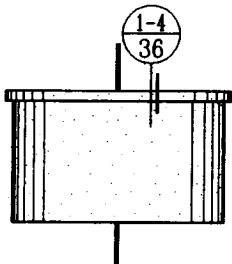
⑤9号阳台平面



⑤9号阳台立面



⑥0 号阳台平面

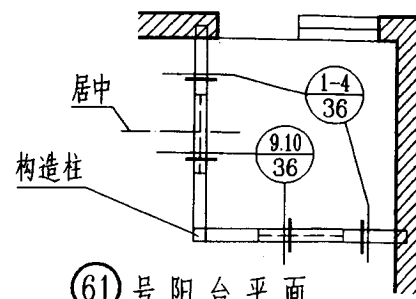


⑥0 号 阳 台 立 面

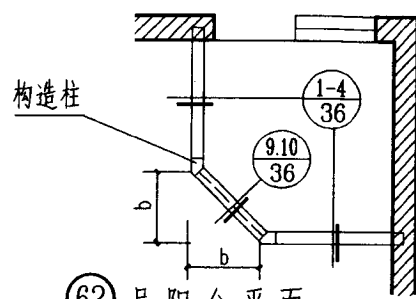


说明: 1. b1. b2. r1. r2 按单项工程设计。
2. 构造柱作法同砖栏板。

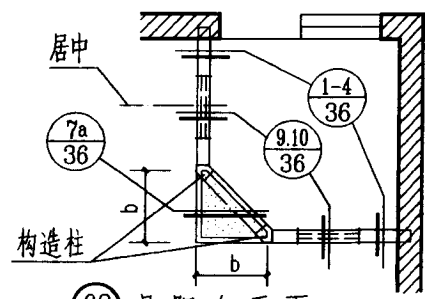
⑤⑧、⑤⑨、⑥⑩号阳台平、立面图



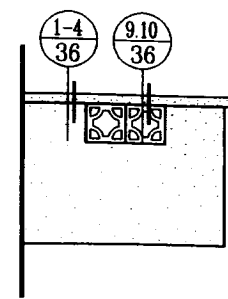
⑥1号阳台平面



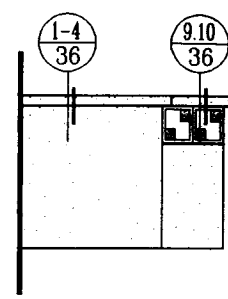
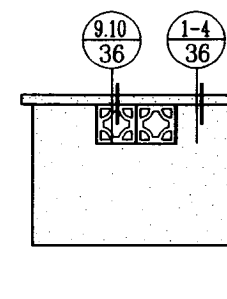
⑥2号阳台平面



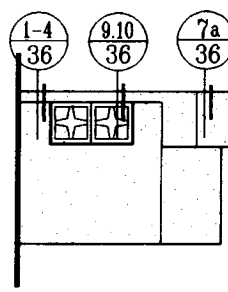
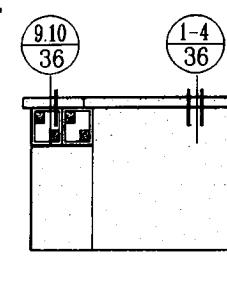
⑥3号阳台平面



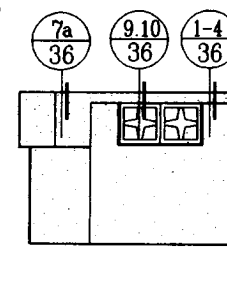
⑥1号阳台立面



⑥2号阳台立面



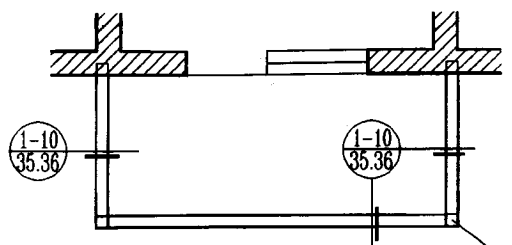
⑥3号阳台立面



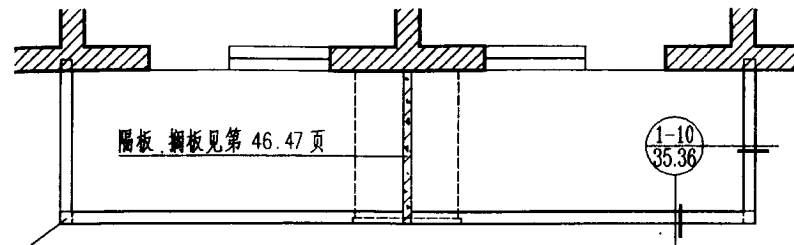
说明：1. b由单项工程设计定，单项工程设计未注明时为500。
2. 构造柱作法同砖栏板。

⑥1、⑥2、⑥3号阳台平、立面图

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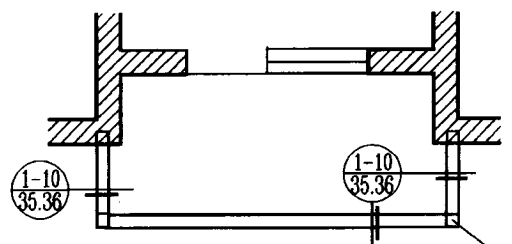


挑阳台平面

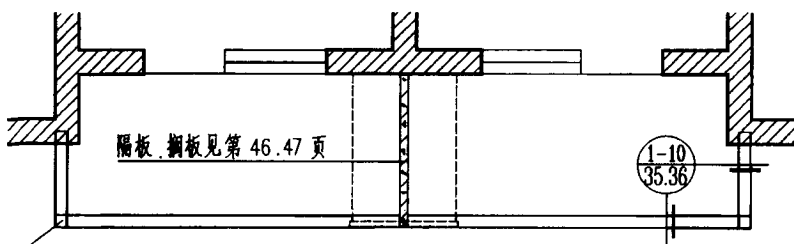


双联挑阳台平面

构造柱
(用于砖栏板)

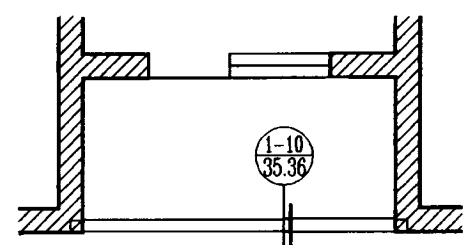


半凹阳台平面

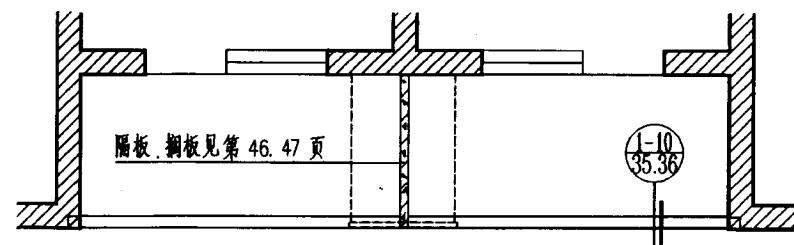


双联半凹阳台平面

构造柱
(用于砖栏板)

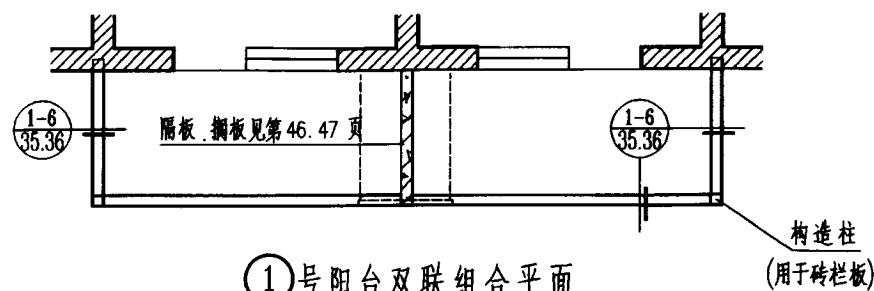


凹阳台平面



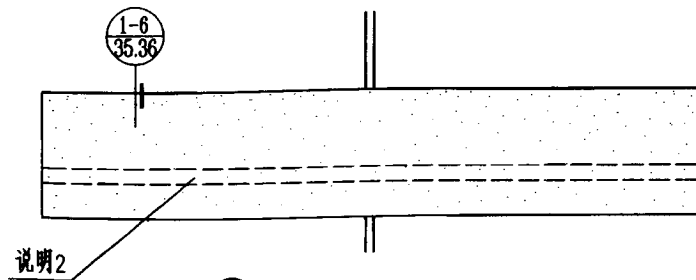
双联凹阳台平面

其它类型阳台示例

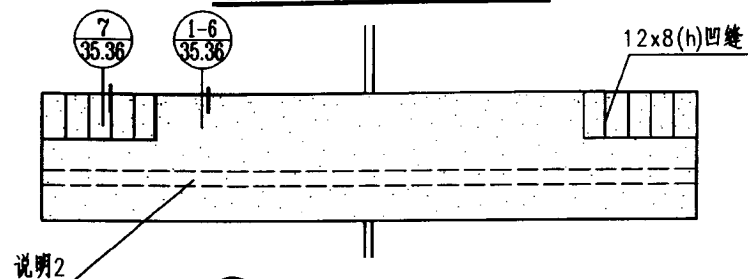


①号阳台双联组合平面

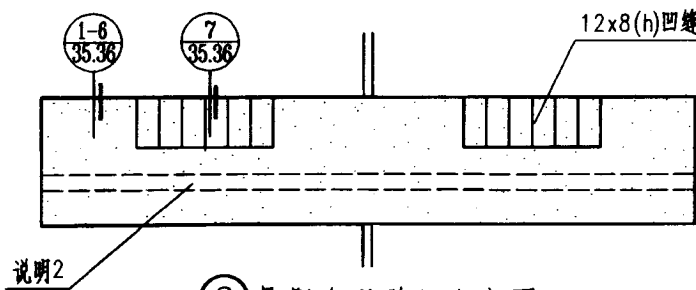
构造柱
(用于砖栏板)



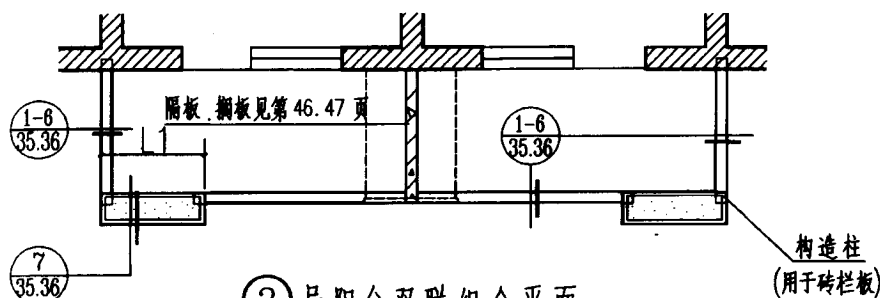
①号阳台双联组合立面



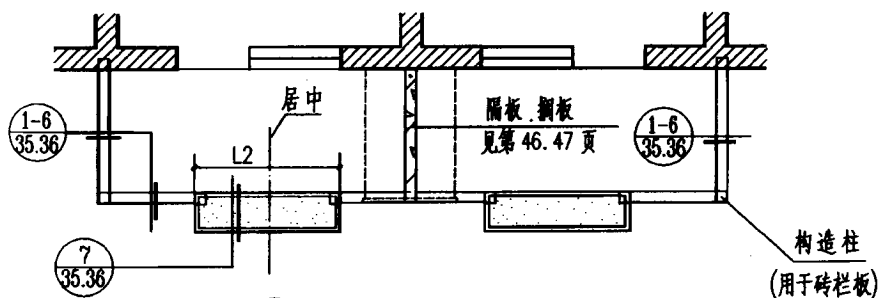
②号阳台双联组合立面



③号阳台双联组合立面



②号阳台双联组合平面

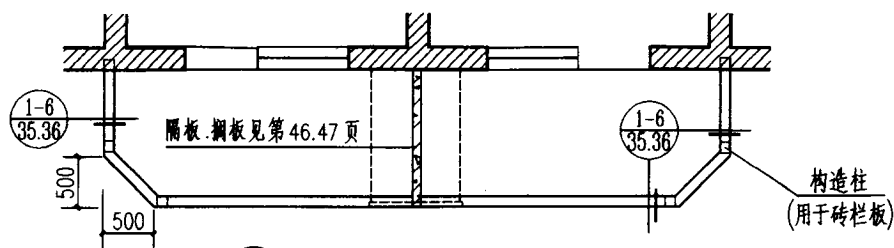


③号阳台双联组合平面

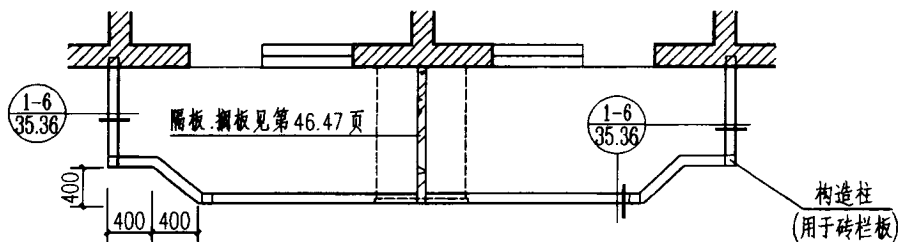
说明: 1. L1、L2 按单项工程设计, 如单项工程设计未注明时, $L1=1200$, $L2=1500$ 。
2. 立面图中虚线部分为漏空, 详图见第 39 页③, 仅用于钢筋混凝土栏板。

①②③号阳台双联示例

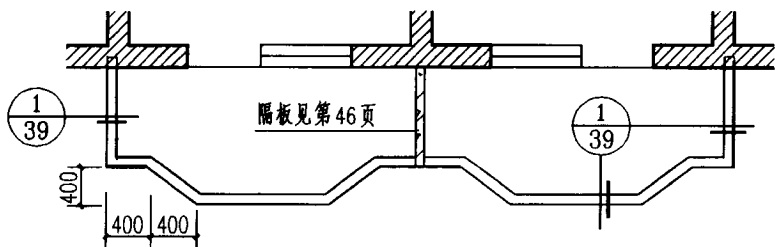
图集号	98ZJ411
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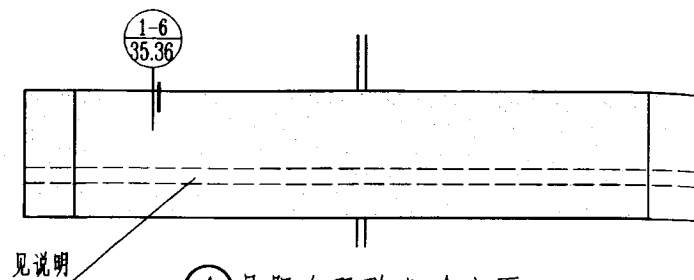
④号阳台双联组合平面



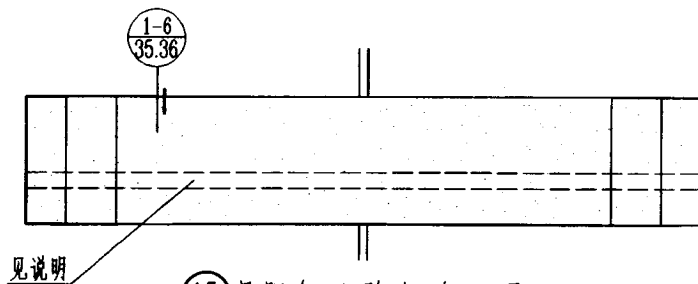
⑮号阳台双联组合平面



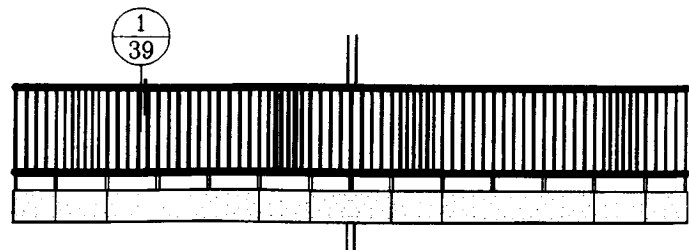
③⑨号阳台双联组合平面



④号阳台双联组合立面



⑮号阳台双联组合立面

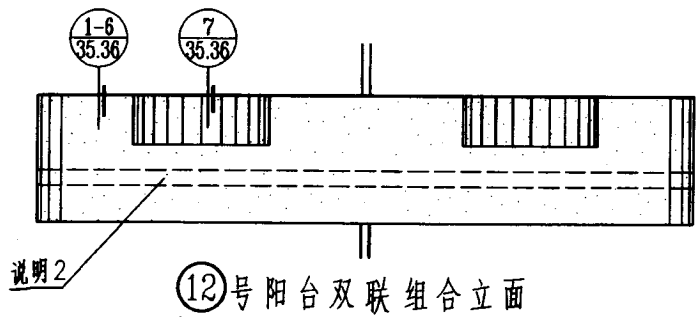
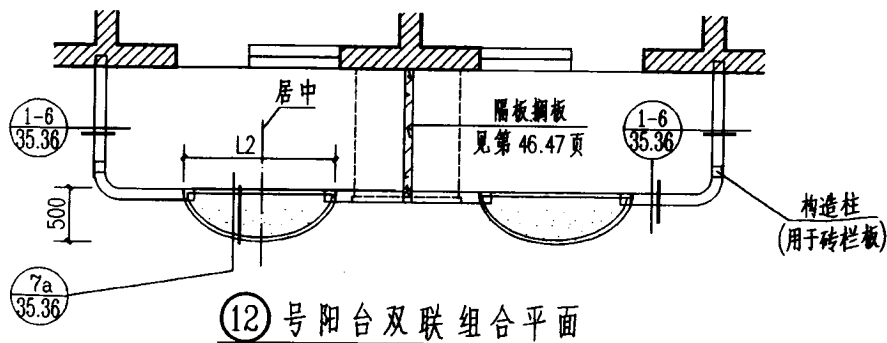
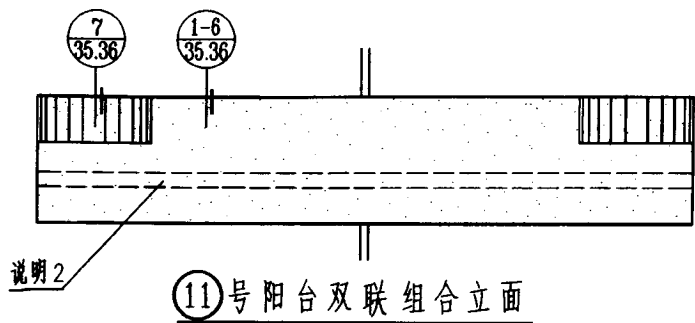
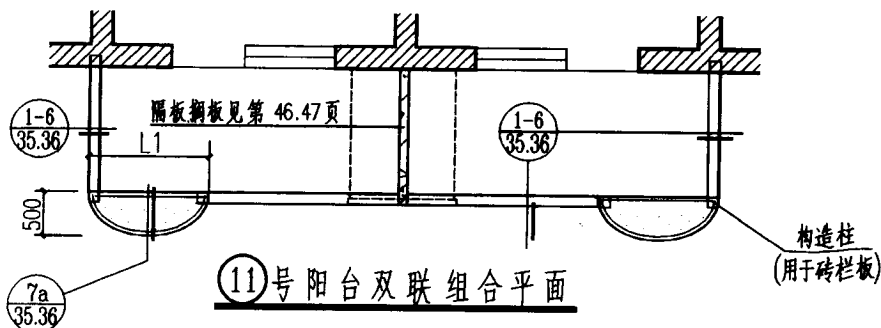
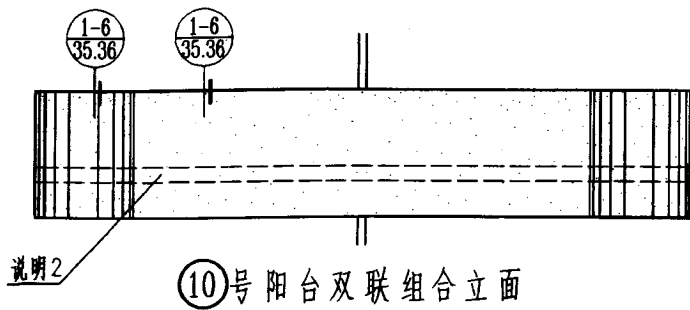
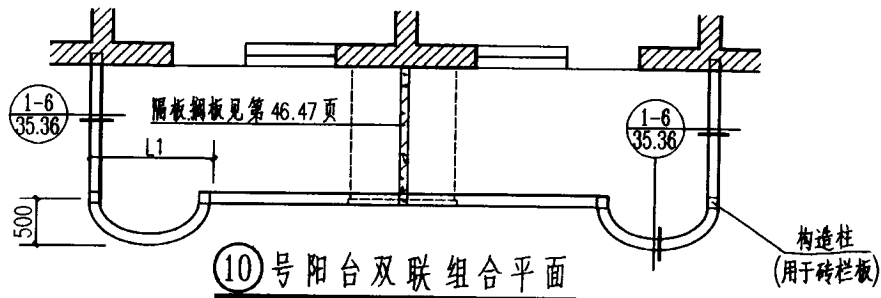


③⑨号阳台双联组合立面

说明：立面图中虚线部分为漏空，详图见第39页③，仅用于钢筋混凝土栏板。

④⑮③⑨号阳台双联示例

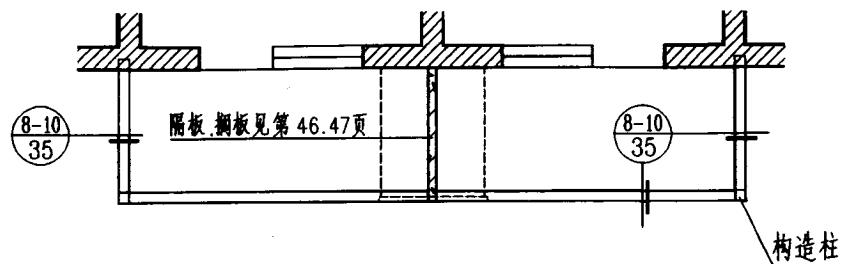
图集号	98ZJ411
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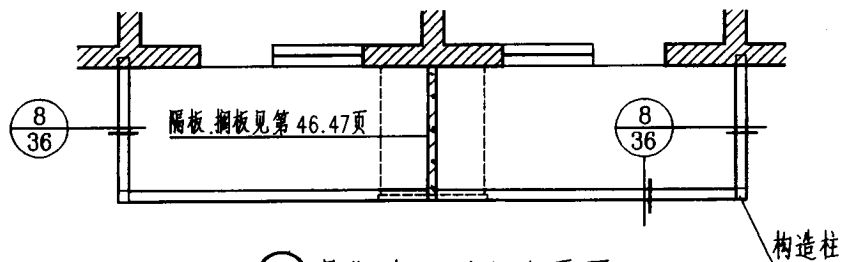
说明: 1. L1, L2 按单项工程设计, 如单项工程设计未注明时, L1=1200, L2=1500.
 2. 立面图中虚线部分为漏空详图见第 39 页③, 仅用于钢筋混凝土栏板。

⑩、⑪、⑫号阳台双联示例

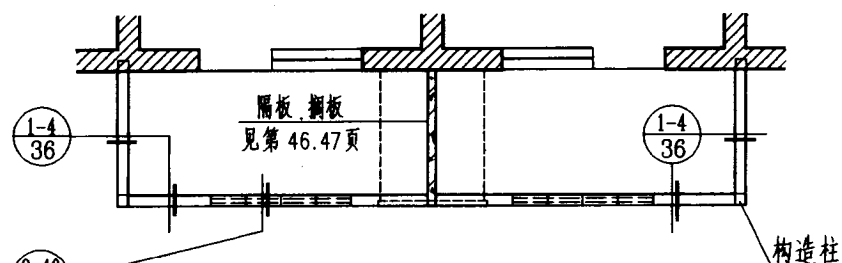
图集号 98ZJ411
 页 27



②⑧号阳台双联组合平面

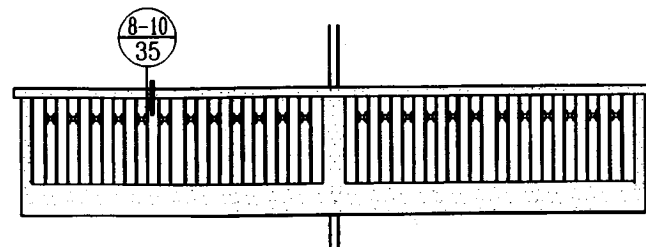


④③号阳台双联组合平面

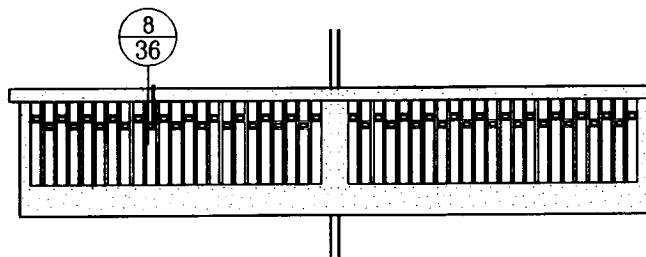


⑤⑤号阳台双联组合平面

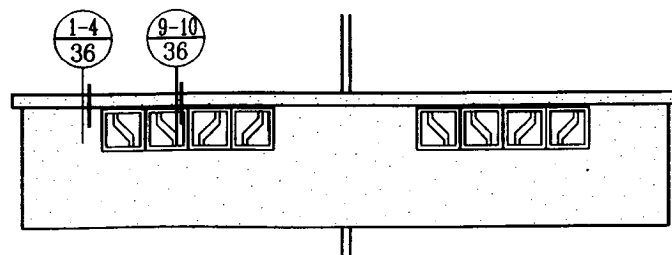
说明：构造柱作法同砖栏板。



②⑧号阳台双联组合立面

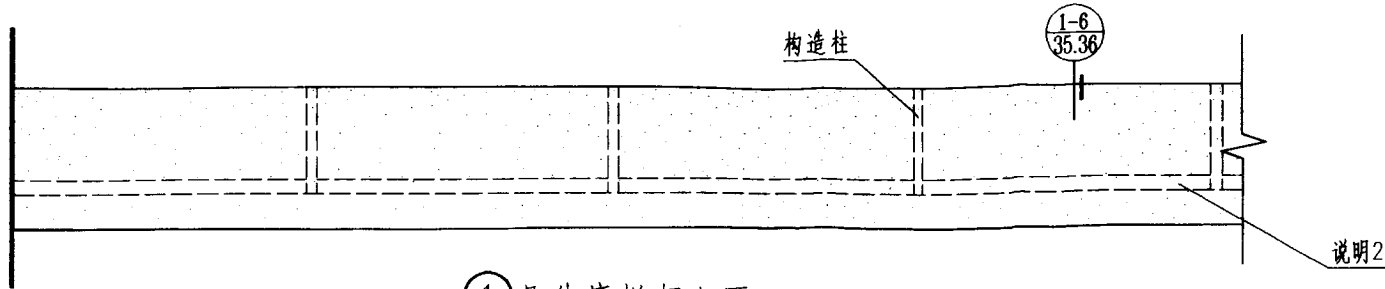


④③号阳台双联组合立面

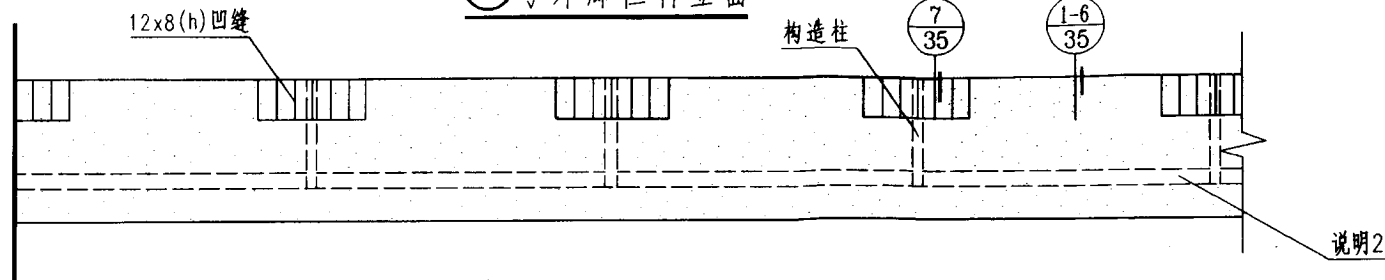


⑤⑤号阳台双联组合立面

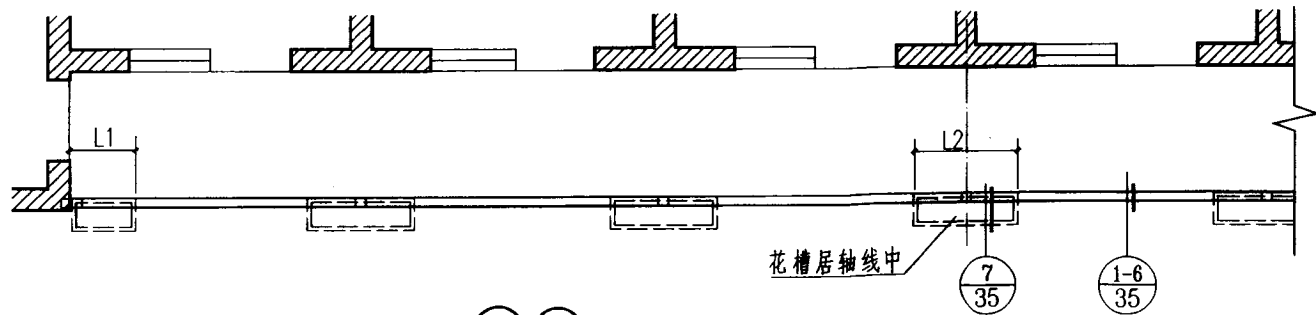
②⑧、④③、⑤⑤号阳台双联示例



①号外廊栏杆立面



②号外廊栏杆立面



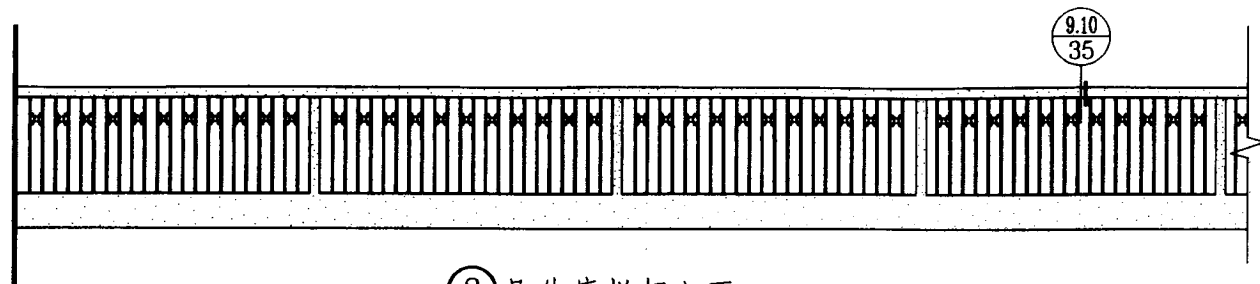
①、②号外廊栏杆平面

说明: 1. L1、L2 按单项工程设计,如单项工程设计未注明时, L1=600, L2=1200.
2. 立面图中虚线部分为漏空,详图见第39页③, 仅用于钢筋混凝土栏板。

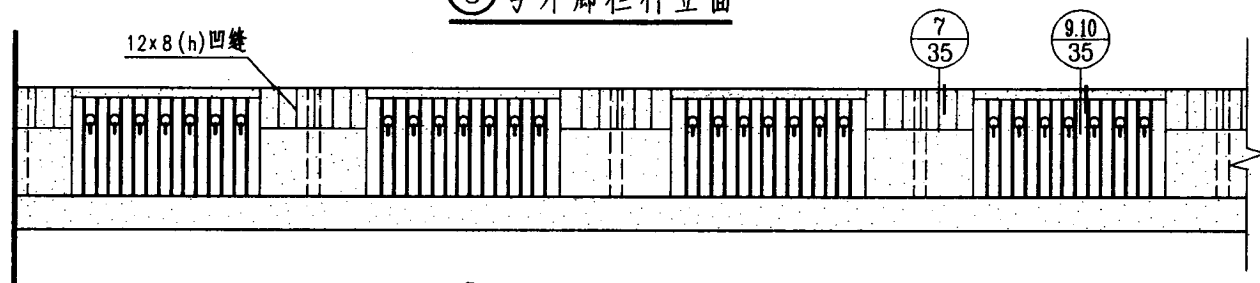
①、②号外廊栏杆

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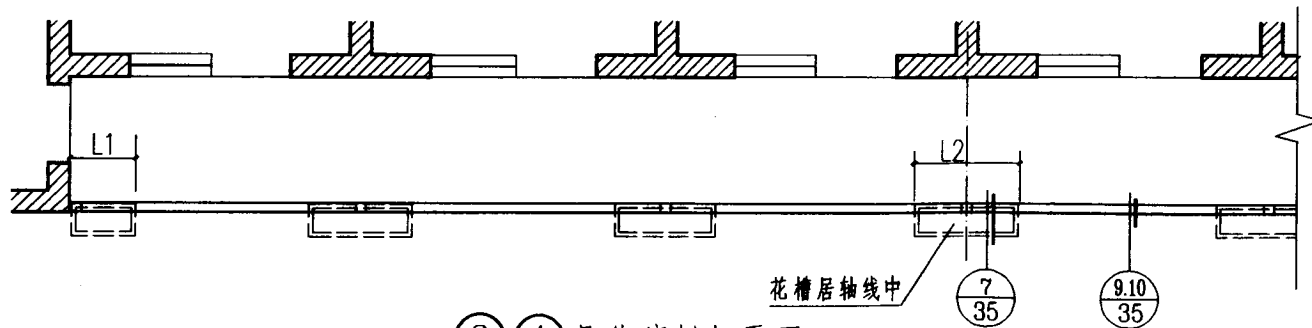
设计	钱元	钱元	钱元
校核	钱元	钱元	钱元
制图	钱元	钱元	钱元
审核	钱元	钱元	钱元



③号外廊栏杆立面



④号外廊栏杆立面



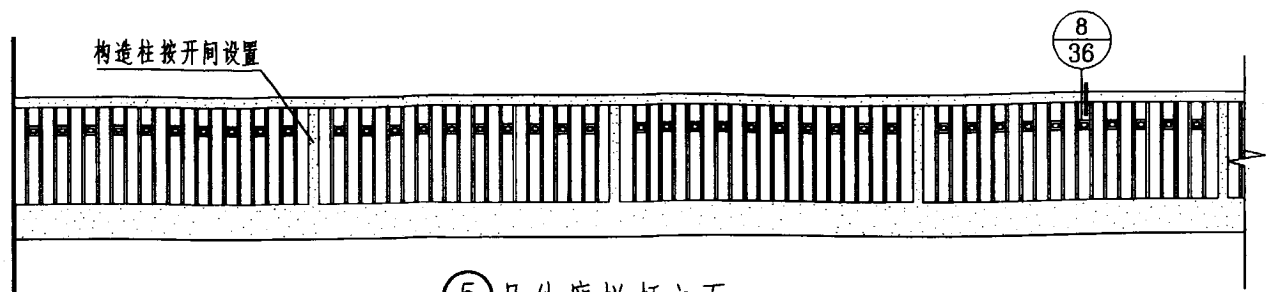
③、④号外廊栏杆平面

说明: L1、L2按单项工程设计,如单项工程设计未注明时, L1=600, L2=1200。

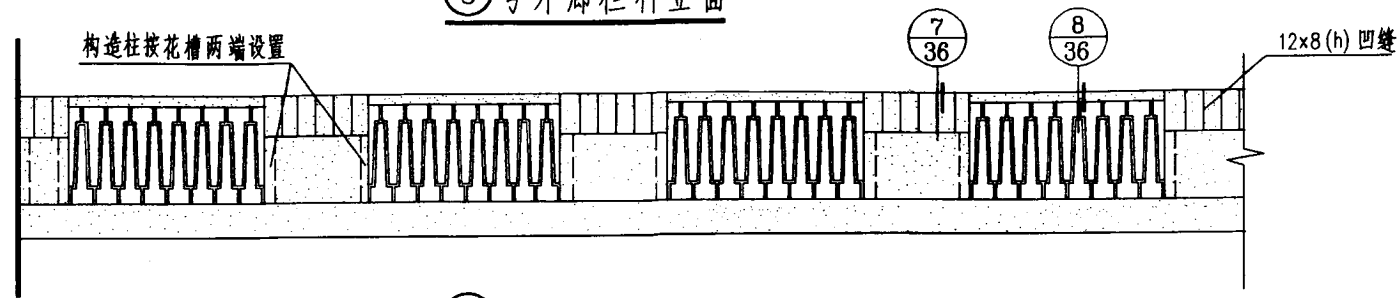
③、④号外廊栏杆

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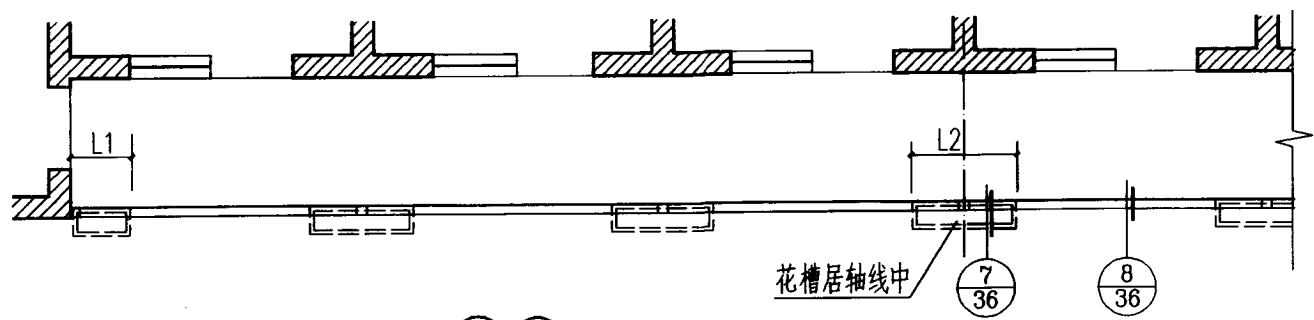
设计
 图
 号
 01
 图
 名
 栏杆



⑤号外廊栏杆立面



⑥号外廊栏杆立面

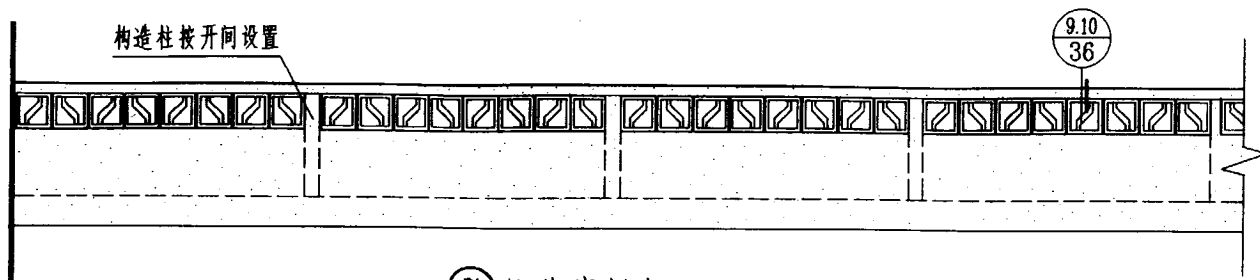


⑤.⑥号外廊栏杆平面

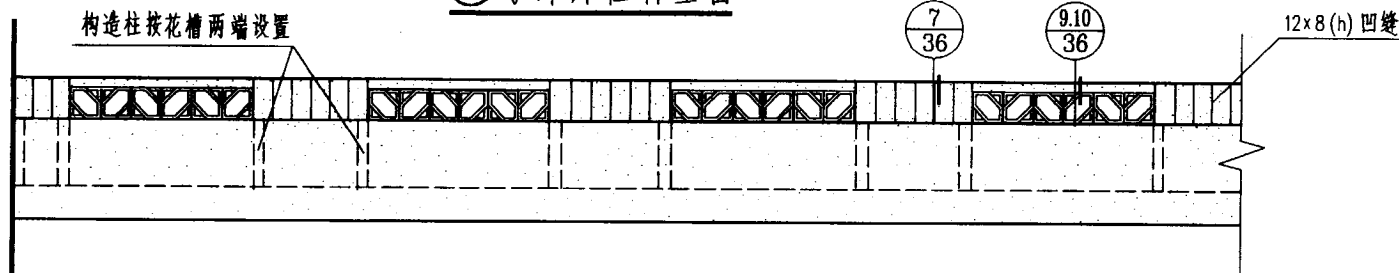
说明：L1、L2按单项工程设计，如单项工程设计未注明时，L1 = 600，L2 = 1200。

⑤.⑥号外廊栏杆

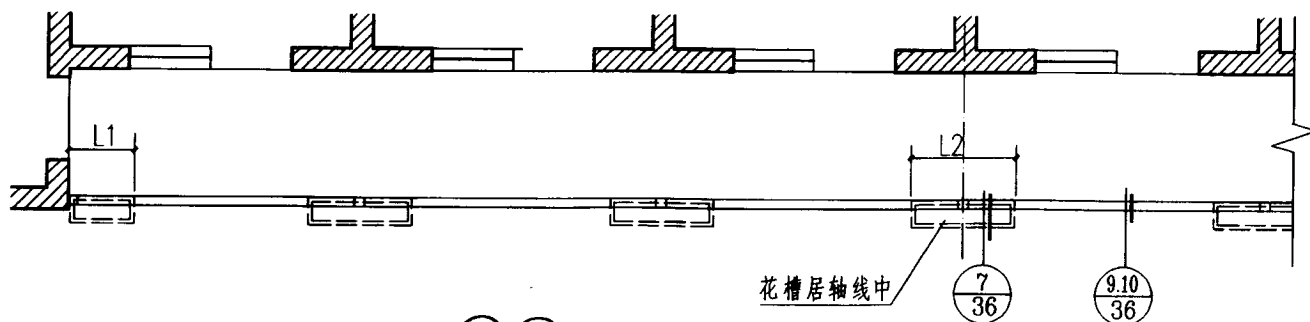
图集号	98ZJ411
页	31



⑦号外廊栏杆立面



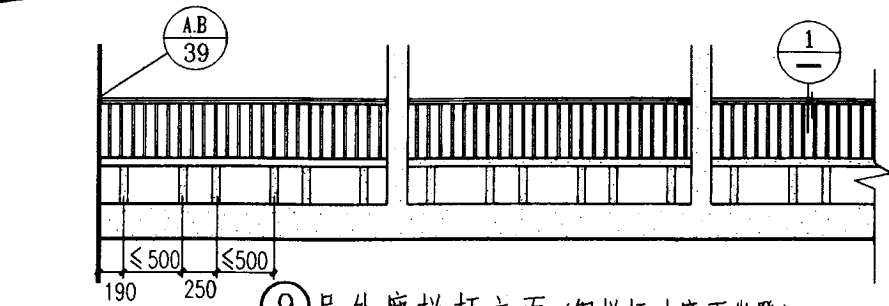
⑧号外廊栏杆立面



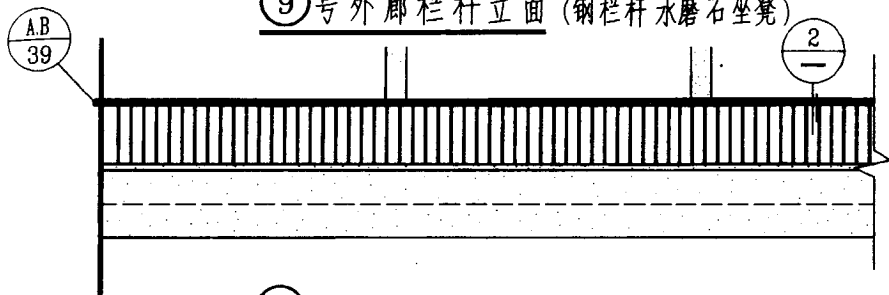
⑦、⑧号外廊栏杆平面

说明: L1、L2按单项工程设计, 如单项工程设计未注明时, L1=600, L2=1200。

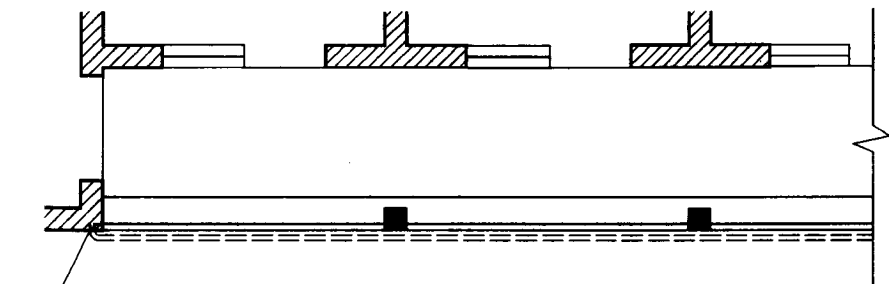
⑦、⑧号外廊栏杆



⑨号外廊栏杆立面(钢栏杆水磨石坐凳)

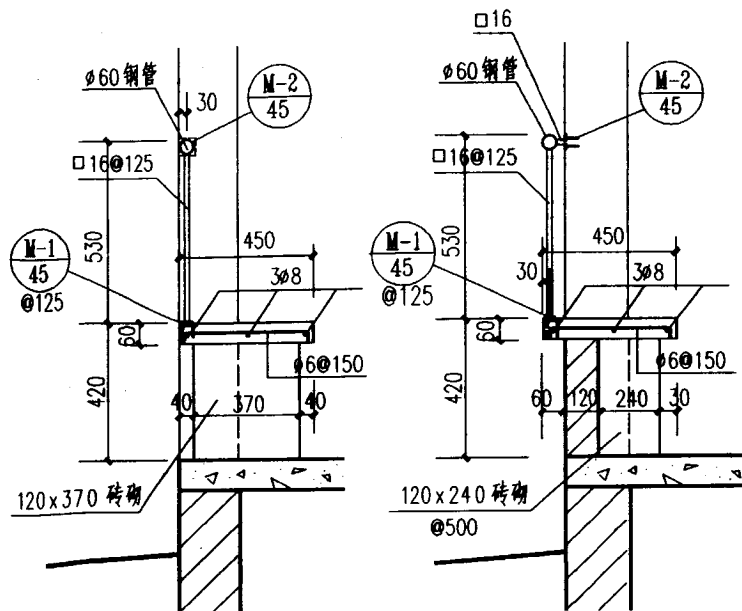


⑩号外廊栏杆立面(钢栏杆水磨石坐凳)



⑨、⑩号外廊栏杆平面

- 说明: 1. 坐凳用 C20 混凝土制作, 表面层为水磨石。
2. 砖砌体表面为 20 厚 1:2 水泥砂浆抹面 (单项工程设计有注明时按单项工程设计)。



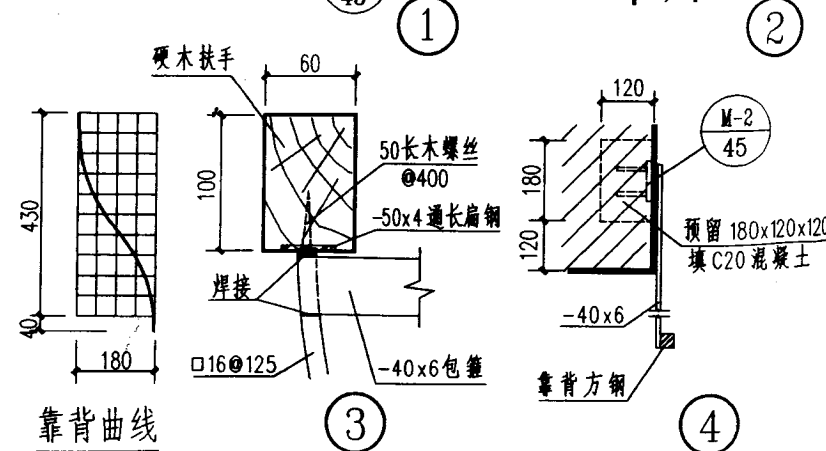
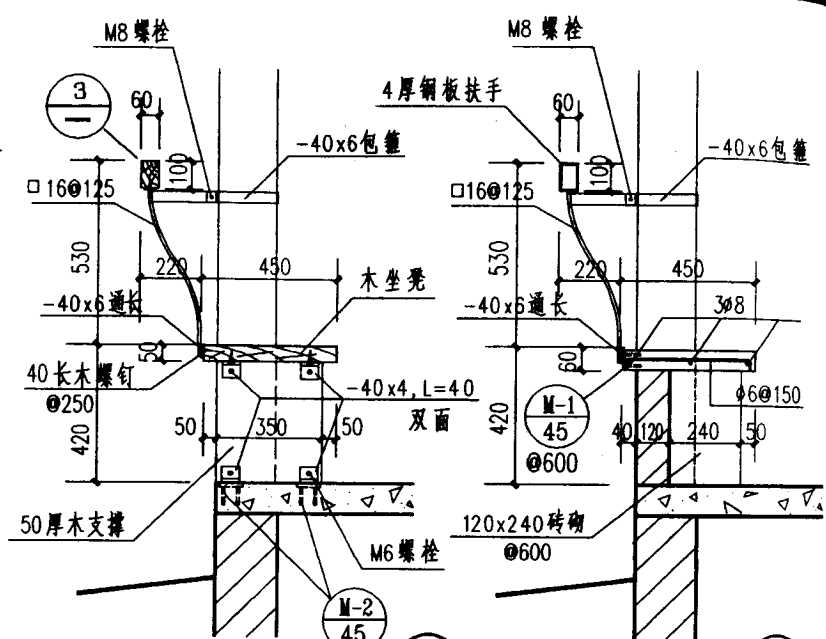
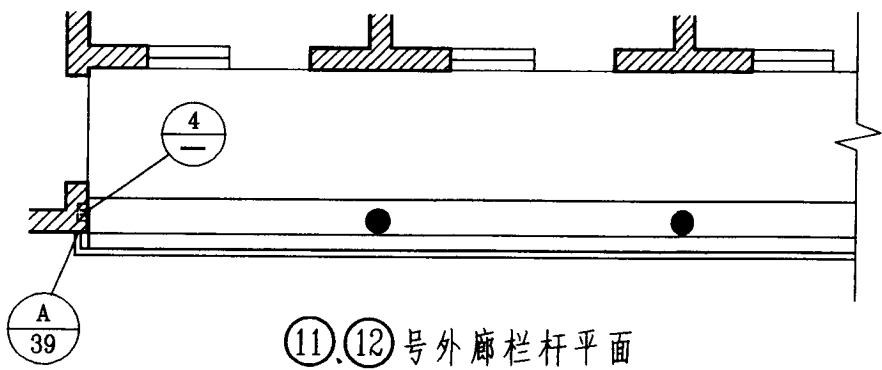
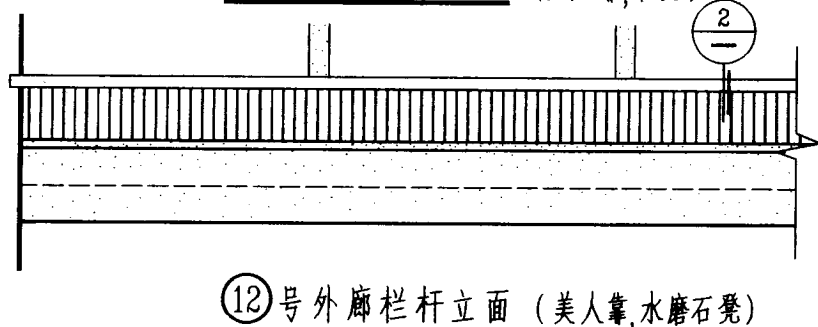
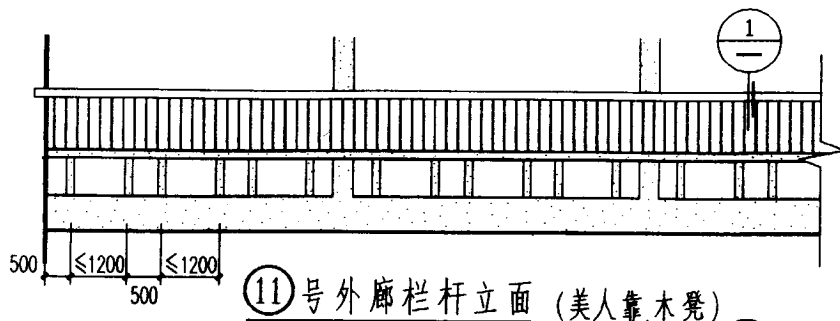
①

②

⑨、⑩号外廊栏杆

图集号	98ZJ411
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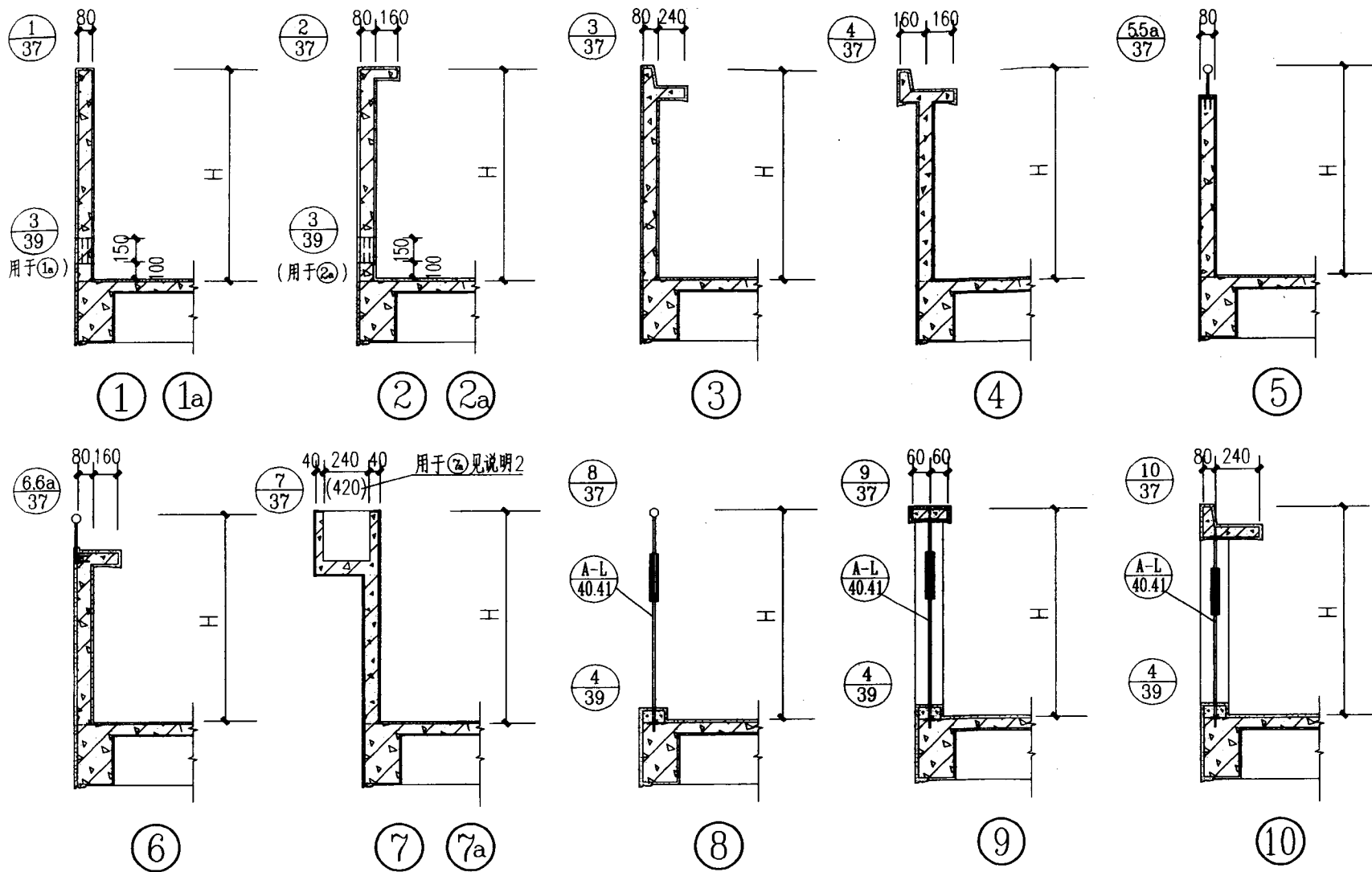
頁	33
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说明: ⑪号坐凳用变形较小的硬杂木制作, 聚氨酯漆一底二度 (颜色由单项工程设计定)。
⑫号坐凳用C20混凝土制作表面层为水磨石, 砖砌体表面为20厚1:2水泥砂浆抹面。

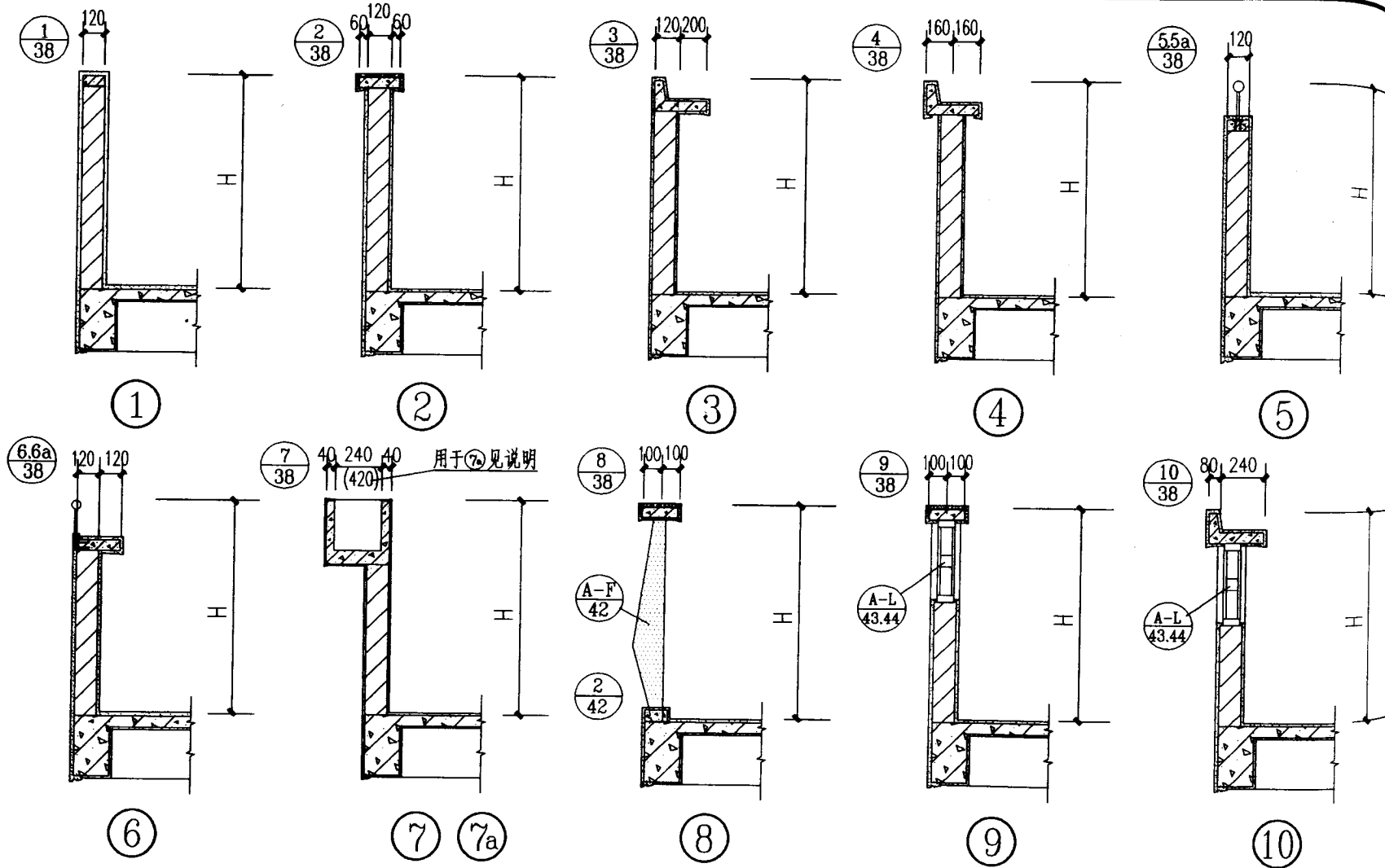
11、12号外廊栏杆

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页	34



说明: 1. ①a ②a 为下部漏空, 见 39 页 ③。
2. ⑦a 仅用于 ⑪、⑫、⑭ 号阳台。

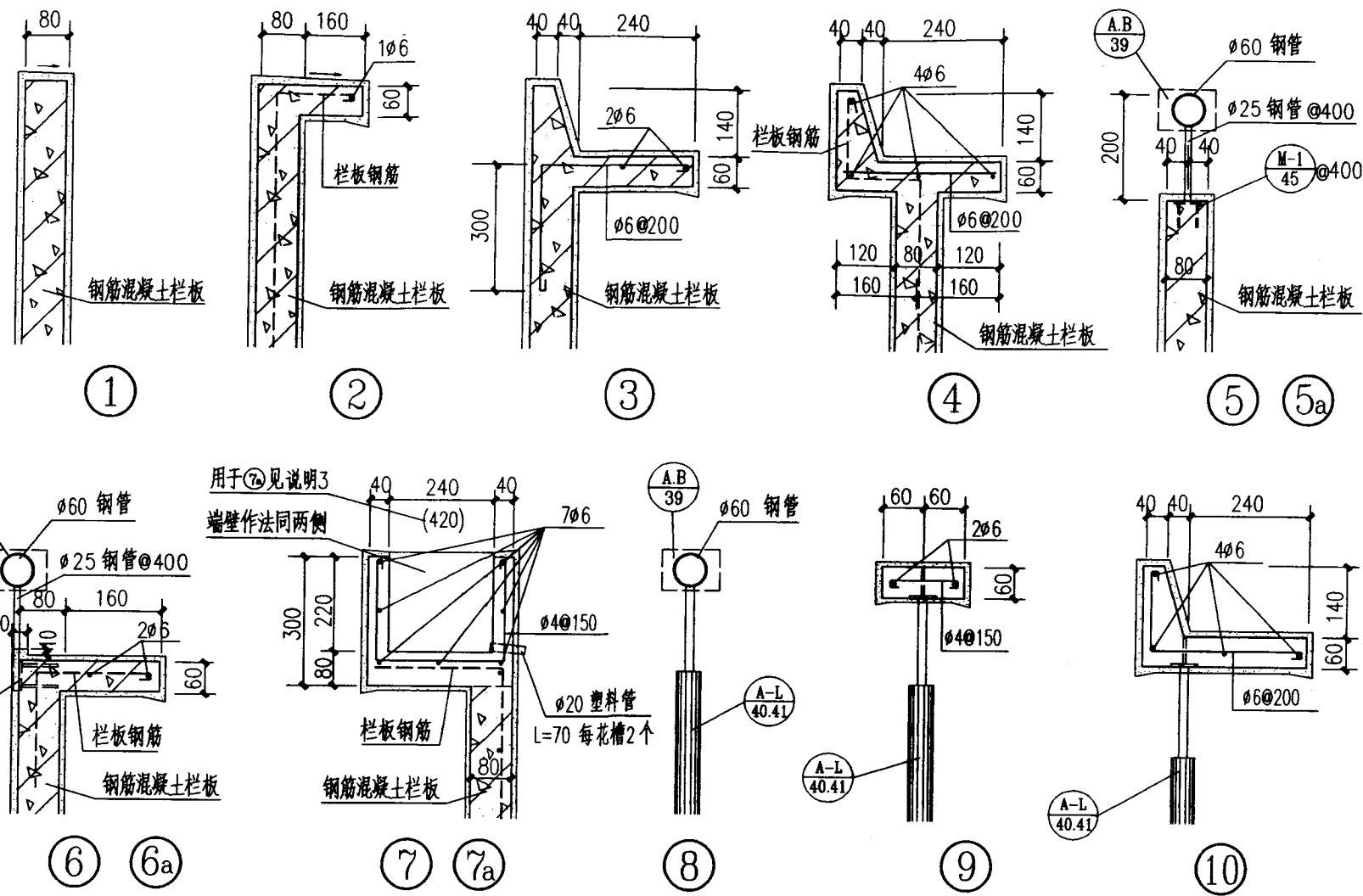
栏杆剖面 (一)



说明: ⑦a 仅用于⑪、⑫、⑭号阳台。

栏杆剖面(二)

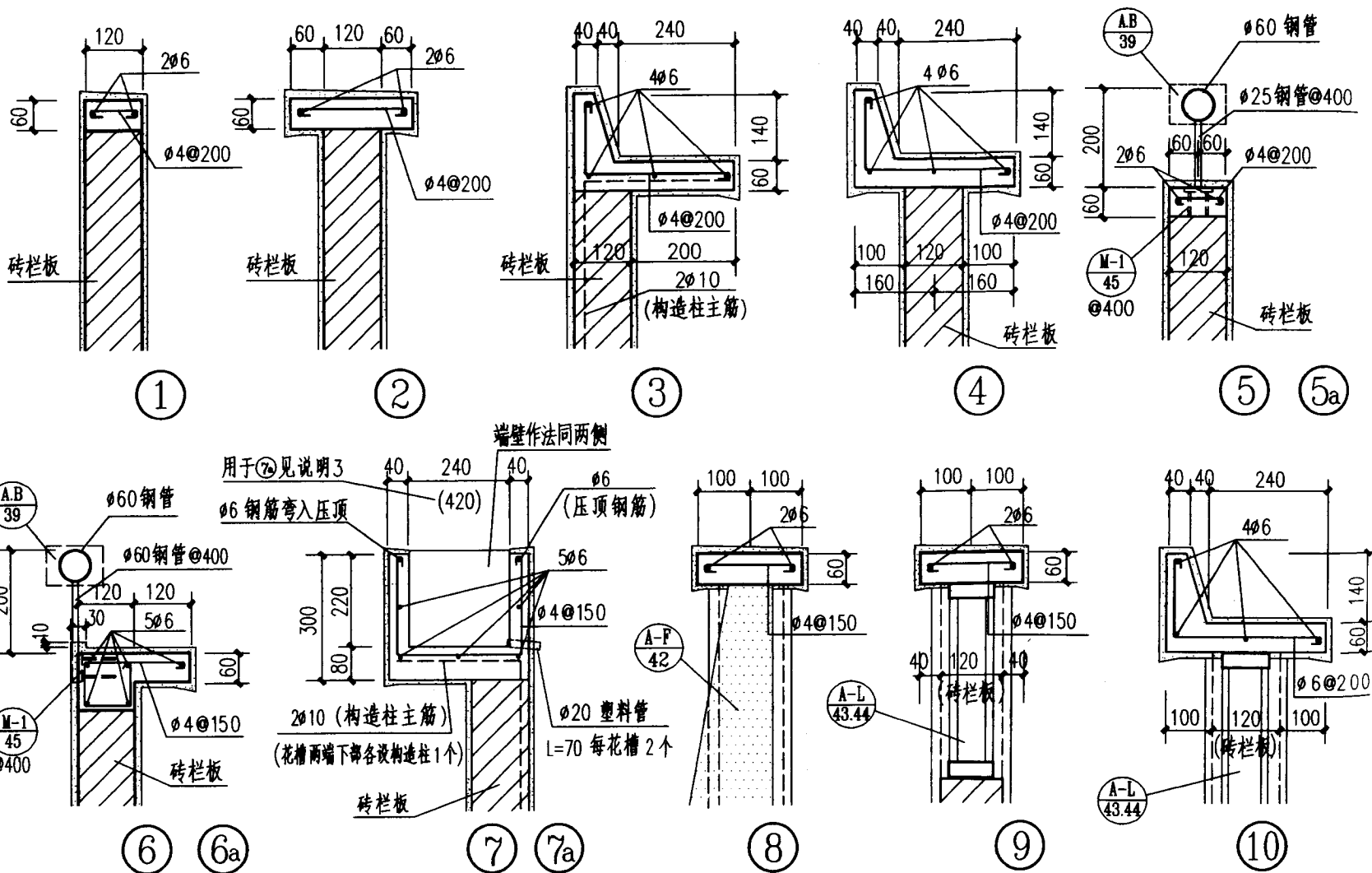
设计	审核	制图	计算	核算	材料	数量	备注
张元	张元	张元	张元	张元	张元	张元	张元



说明: 1. 钢管栏杆与房屋墙体联结见第 39 页 (B) (C); (5) (6) 为不锈钢管, 壁厚 ≥ 1.2 毫米。
2. 花槽、压顶等均为 C20 混凝土。 3. (7a) 仅用于 (11) (12) (24) 号阳台。

栏杆节点详图 (一)

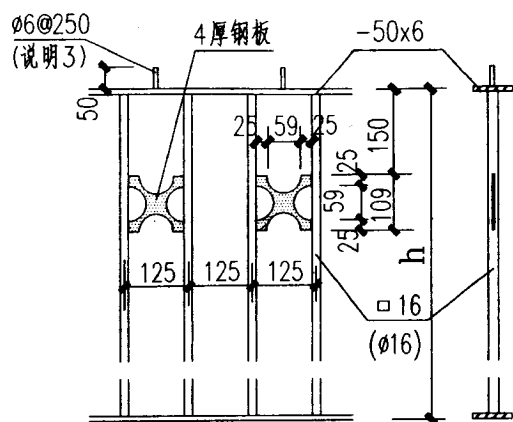
图号	98ZJ411
页	37 -



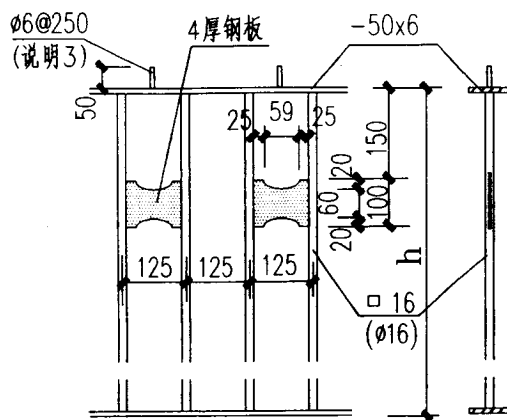
说明: 1. 钢管栏杆与房屋墙体联结见第39页(B)。(C); (5)。(6) 为不锈钢管,壁厚 ≥ 1.2 毫米。
2. 花槽,压顶等均为C20混凝土。3. (7a) 仅用于(11)。(12)。(24)号阳台。

栏杆节点详图(二)

校 核	校 核	巫 元	巫 元
设 计	计 算	钱 曾 扬	钱 曾 扬
制 图	图 样	钱 曾 扬	钱 曾 扬

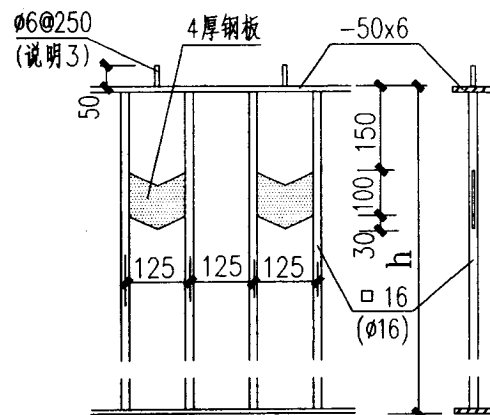


Ⓐ 方钢 Ⓐ_o 圆钢

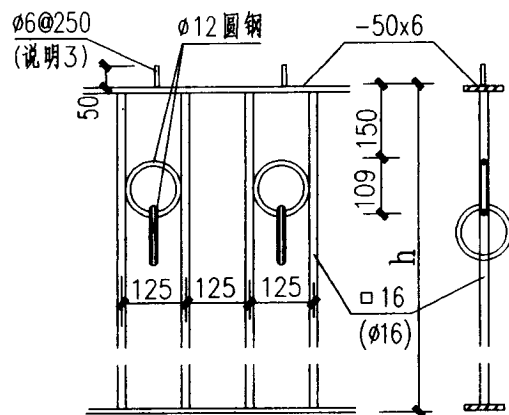


B方钢

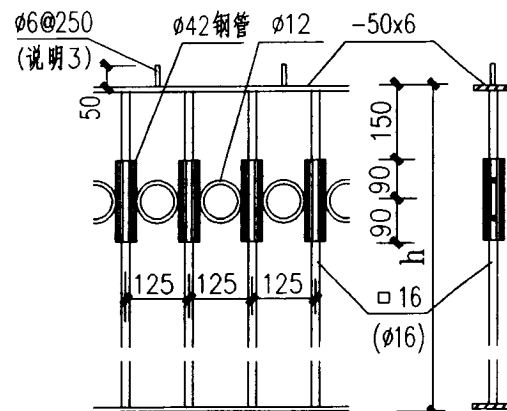
Bo圆钢



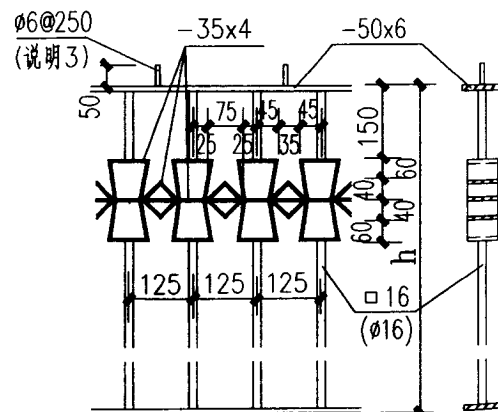
C 方钢 Co 圆钢



Ⓓ 方钢 Ⓓ_o 圆钢



Ⓔ 方钢 Ⓔ₀ 圆钢

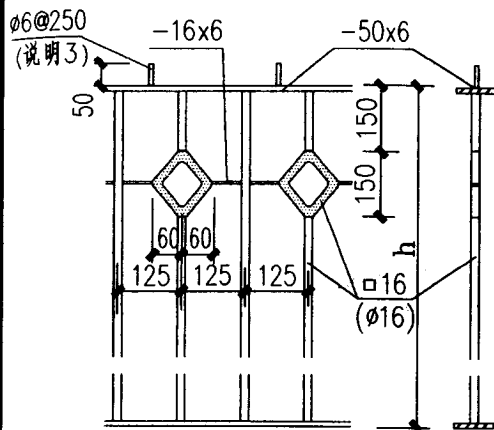


Ⓕ 方钢 Ⓖ₀ 圆钢

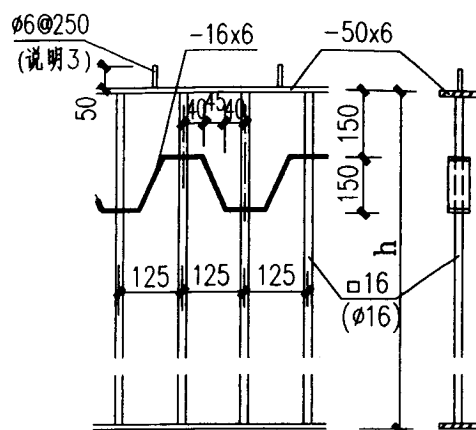
说明: 1. 栏杆杆高度 h 为栏杆总高度减压顶(或扶手)及下部尺寸。
2. 扶手为钢管时栏杆杆上部 -50×6 扁钢不设。 3. 锚筋仅用于上部为混凝土压顶。

钢栏杆详图 (一)

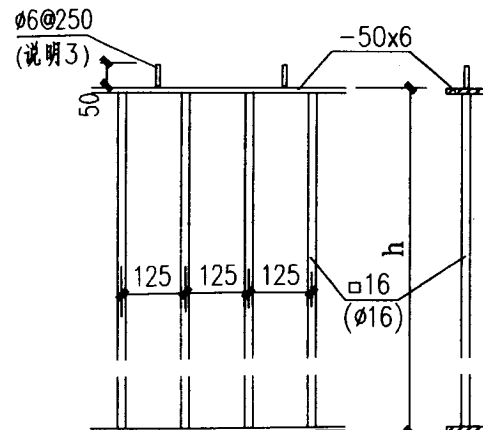
图集号	98ZJ411
页	40



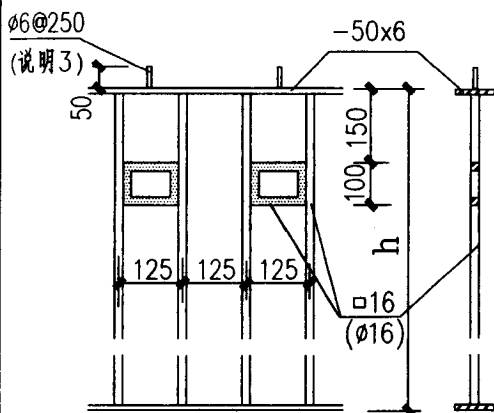
Ⓒ 方钢 Ⓒ₀ 圆钢



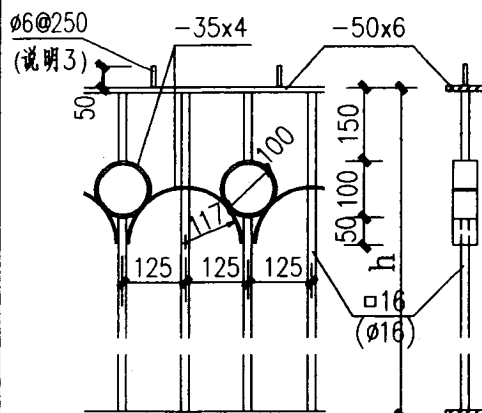
 方钢
  圆钢



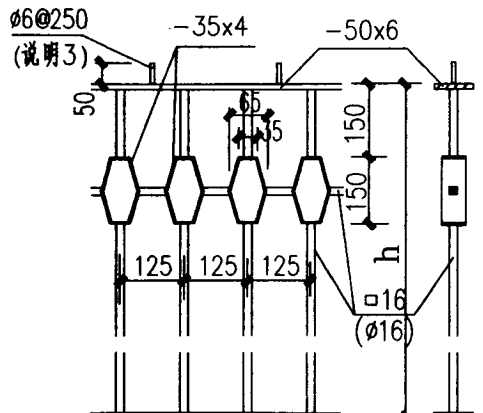
① 方钢 ⑩ 圆钢



J 方钢 Jo 圓鋼



Ⓚ 方钢 Ⓚ₀ 圆钢



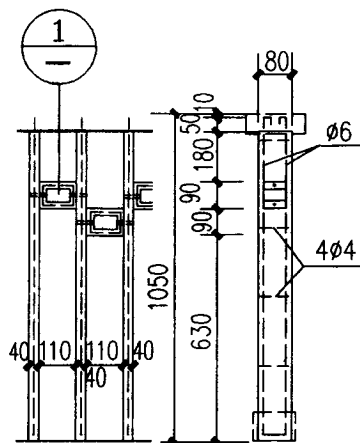
Ⓕ 方钢 Ⓖ 圆钢

说明: 1. 钢栏杆高度 h 为栏杆总高度减扶手及下部尺寸。
2. 扶手为钢管时钢栏杆上部-50 $\times$ 6扁钢不设。 3. 锚筋仅用于上部为混凝土压顶。

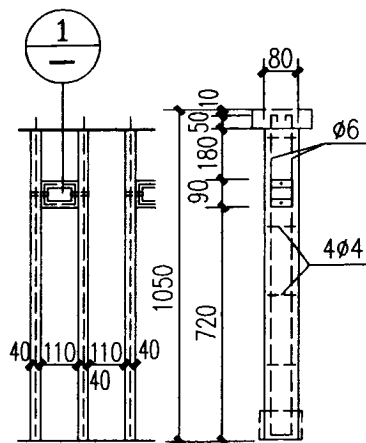
钢栏杆详图(二)

图集号	98ZJ411
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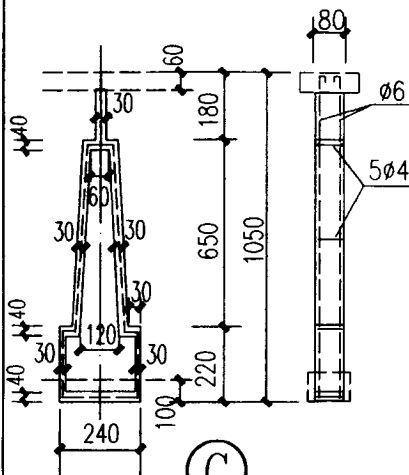
页	41
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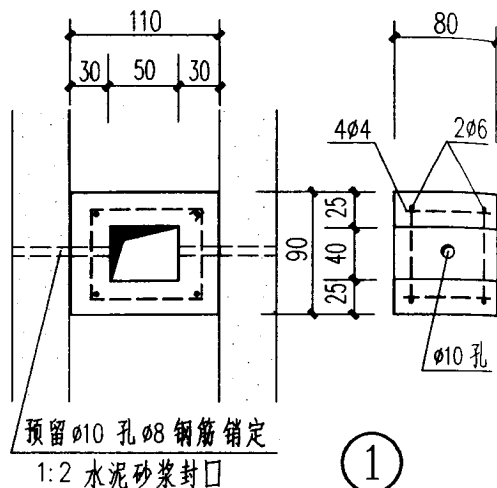
(A)



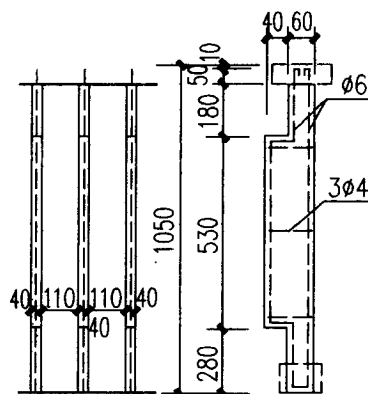
(B)



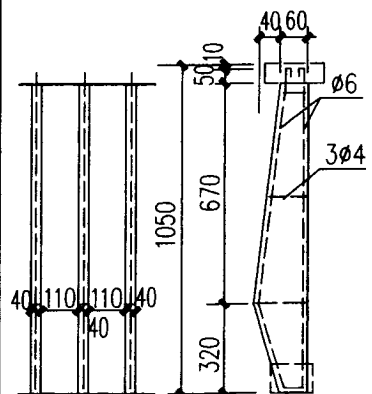
(C)



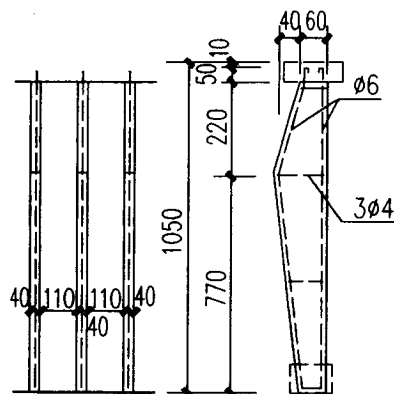
(1)



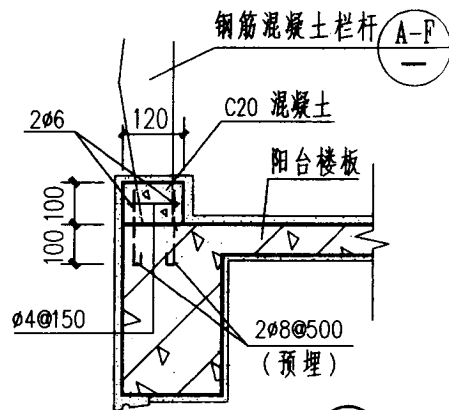
(D)



(E)



(F)



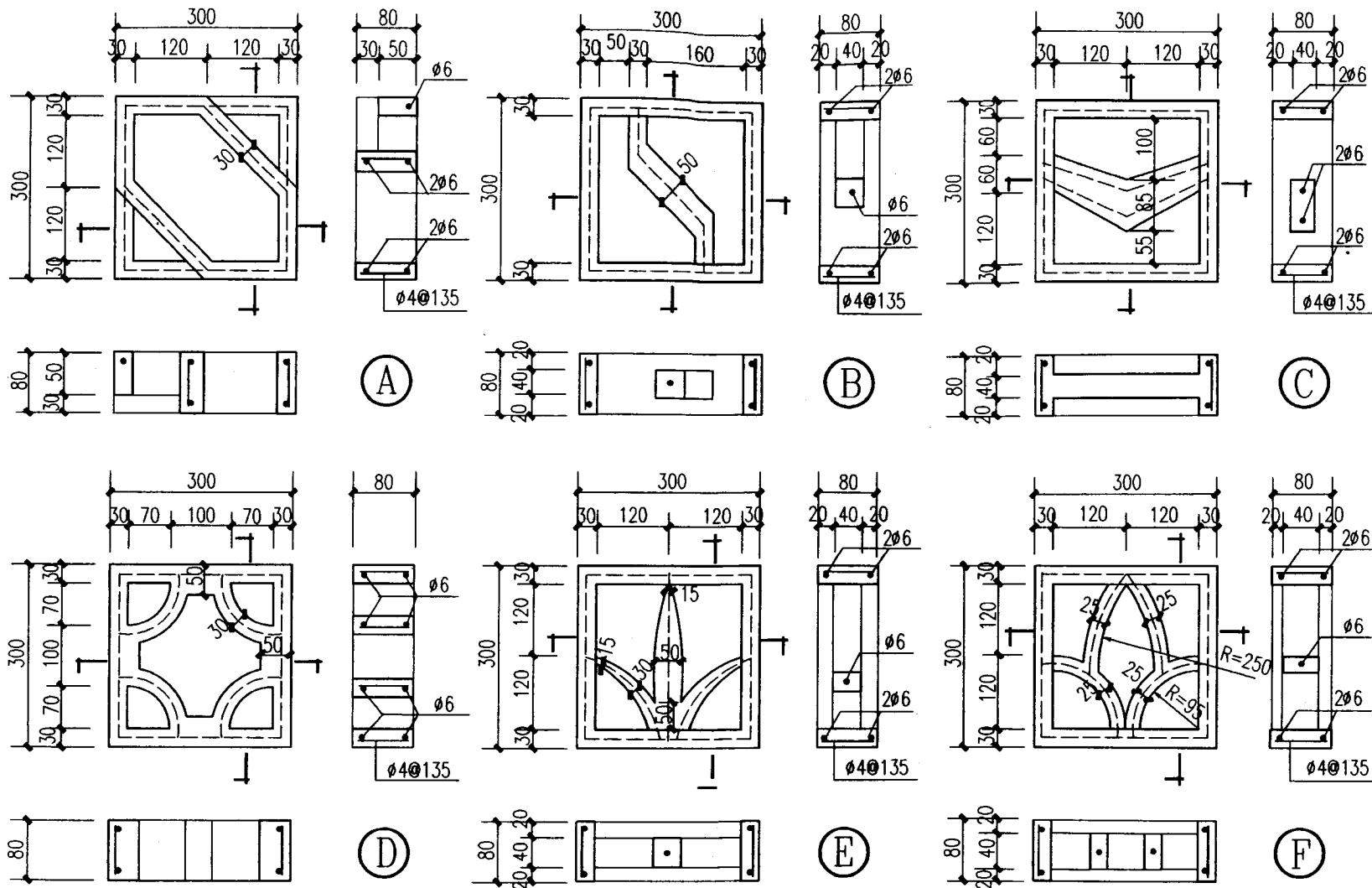
(2)

说明: 1. 栏杆用 C20 细石混凝土制作, 要求表面平整安装后白色丙稀酸涂料二道 (或单项工程设计定).
2. 钢筋混凝土预制栏杆适用于六层及六层以下建筑.

钢筋混凝土预制栏杆

图集号 98ZJ411

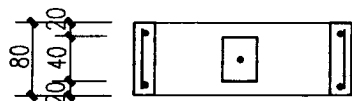
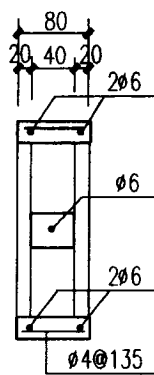
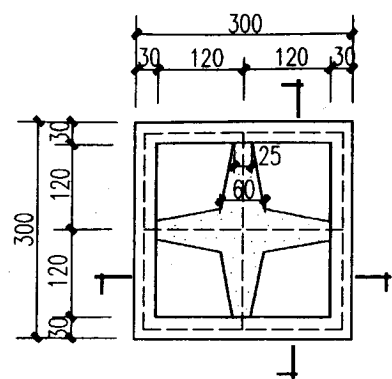
页 42



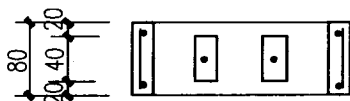
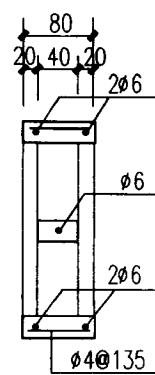
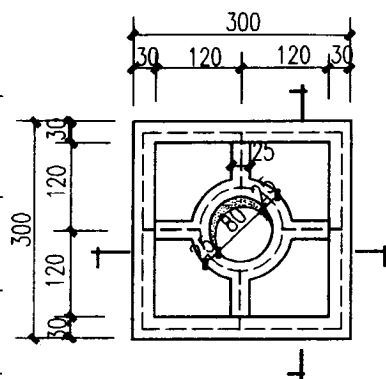
说明：漏花用 C20 细石混凝土制作，白色丙烯酸涂料两道（或单项工程设计定）。

钢筋混凝土漏花（一）

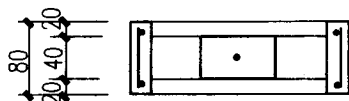
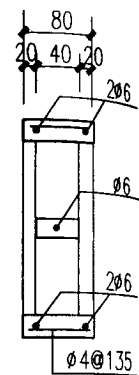
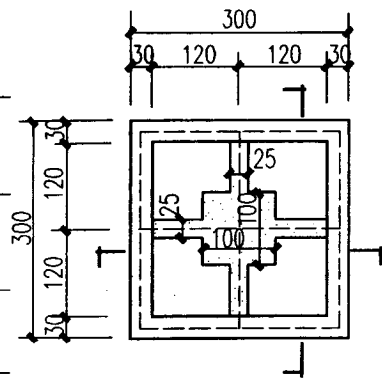
图集号	98ZJ411
页	43



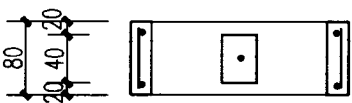
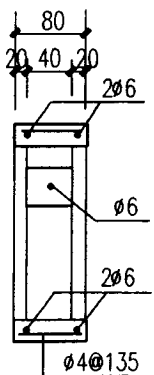
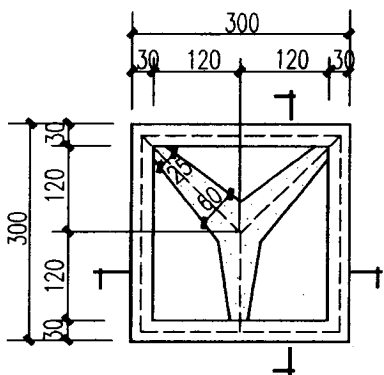
(G)



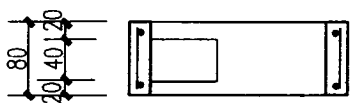
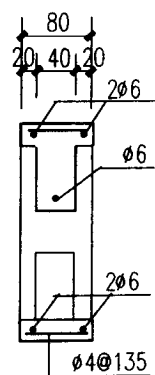
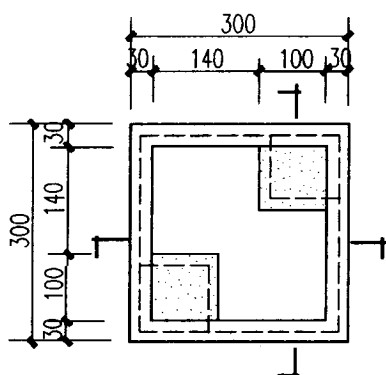
(H)



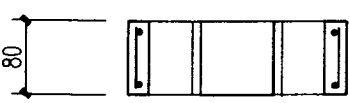
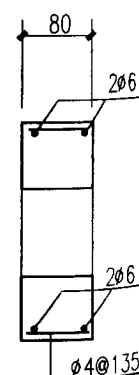
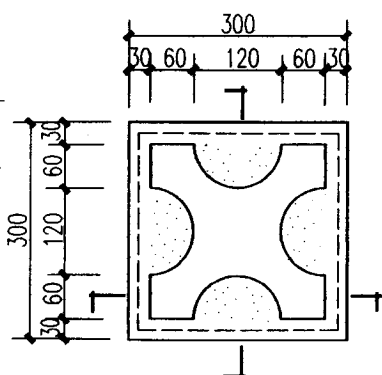
(I)



(J)



(K)

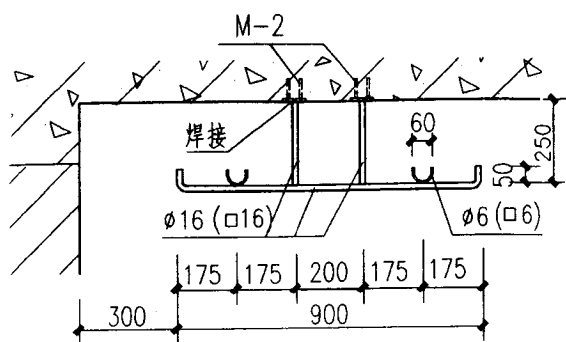


(L)

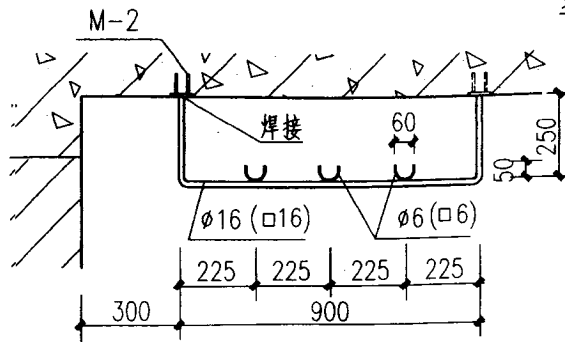
说明：漏花用C20细石混凝土制作，白色丙烯酸涂料两道(或单项工程设计定)。

钢筋混凝土漏花(二)

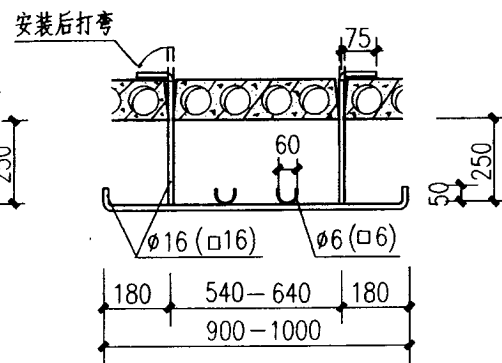
图集号	98ZJ411
页	44



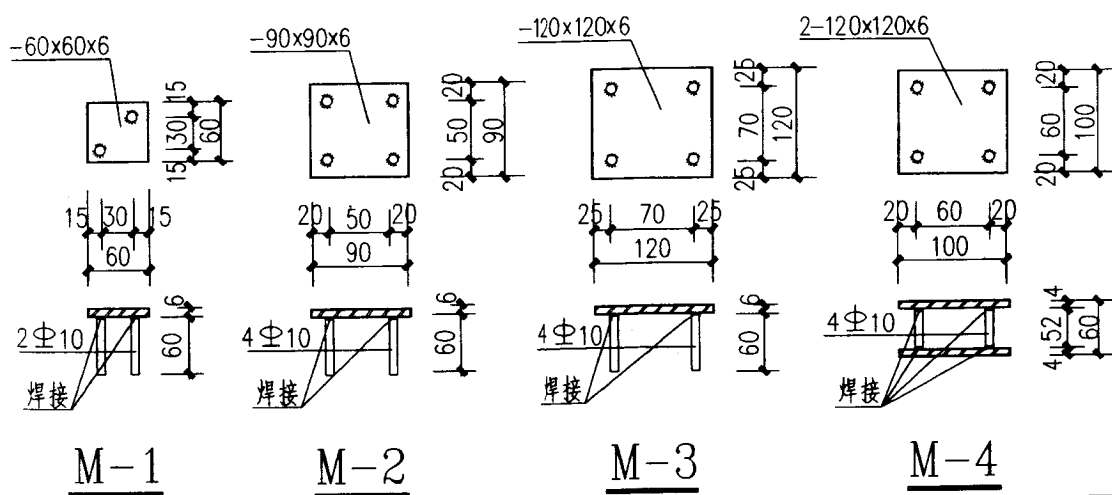
晒衣架 ①方钢 ①a圆钢



晒衣架 ②方钢 ②a圆钢



晒衣架 ③方钢 ③a圆钢



说 明

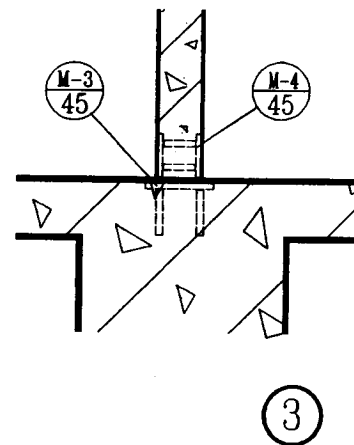
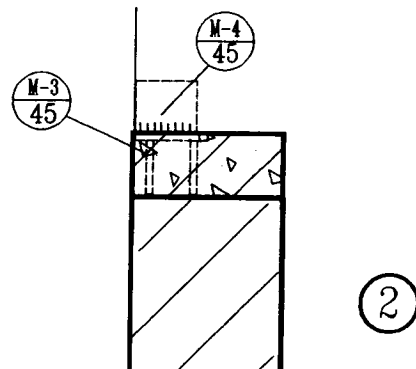
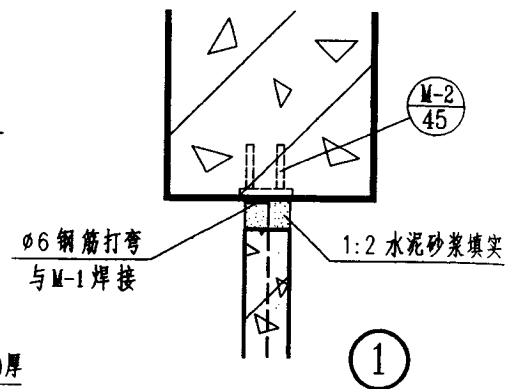
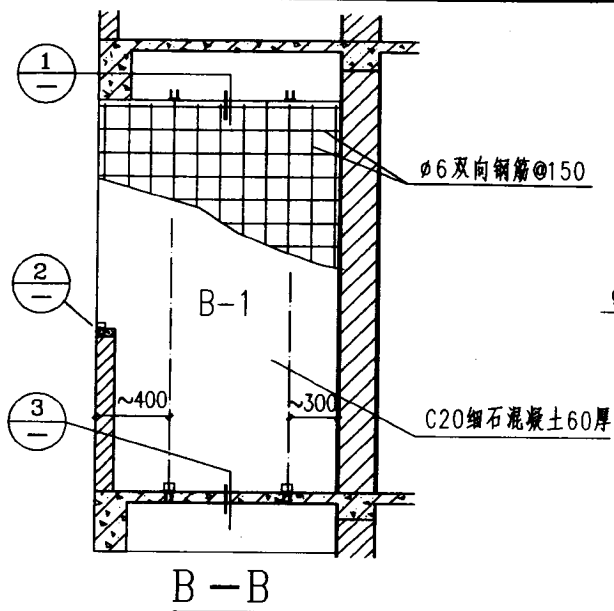
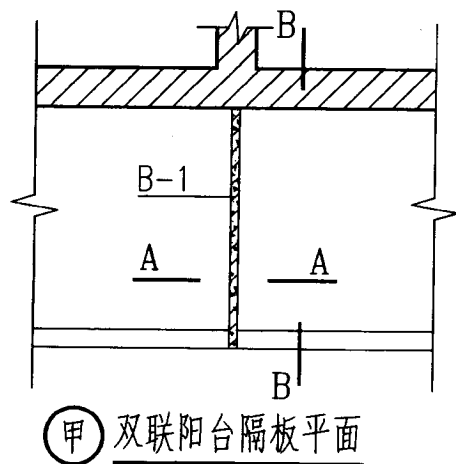
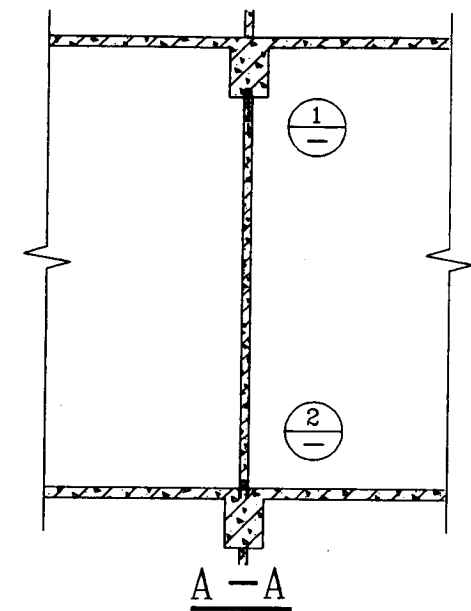
- 1.晒衣架平面所在位置由单项工程设计标明。
- 2.晒衣架预埋件的焊缝厚度不小于6毫米。
- 3.晒衣架安装后用防锈漆打底,铝粉漆二度罩面(或单项工程设计定)。

晒衣架、预埋件

图 集 号 98ZJ411

頁

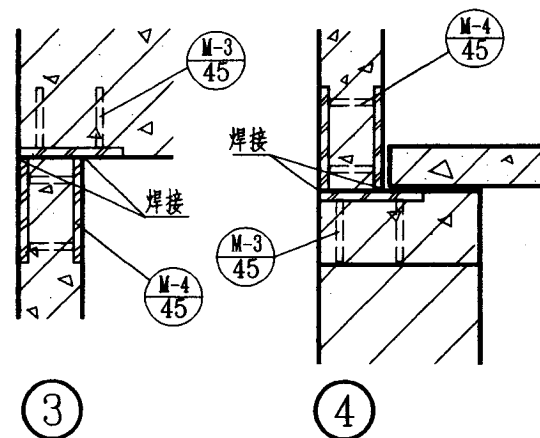
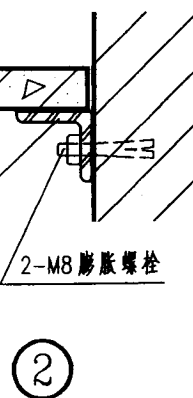
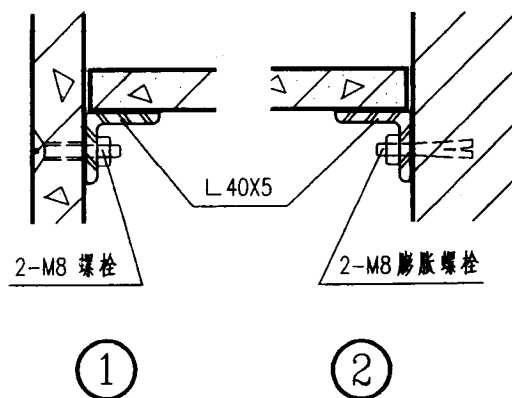
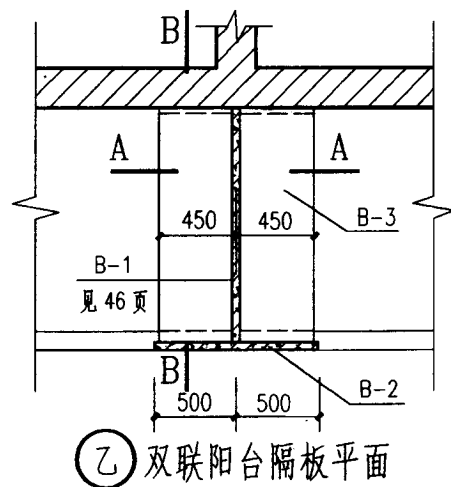
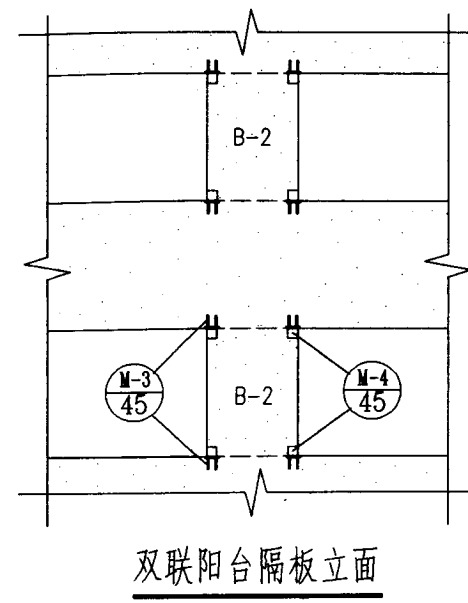
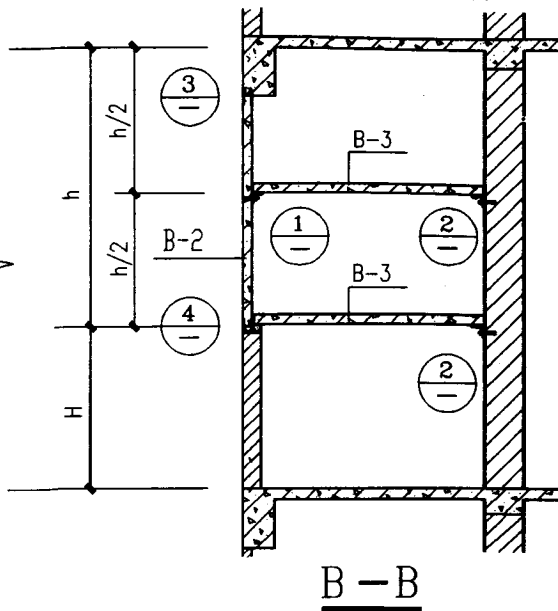
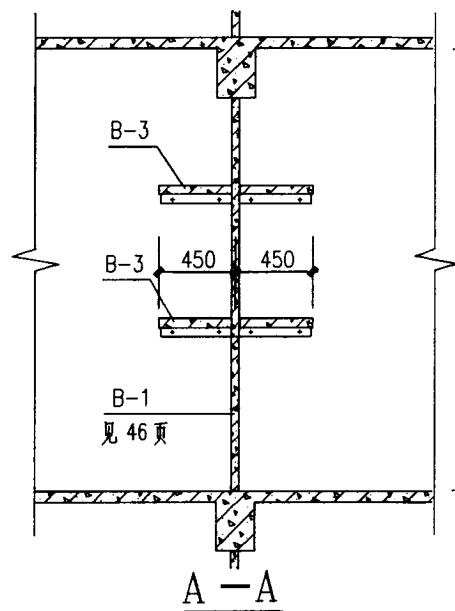
45



说明：B-1 隔板的宽度和高度按单项工程设计，厚度为 60，C20 细石混凝土，ø6 双向钢筋 @150。

双联阳台隔板详图 (一)

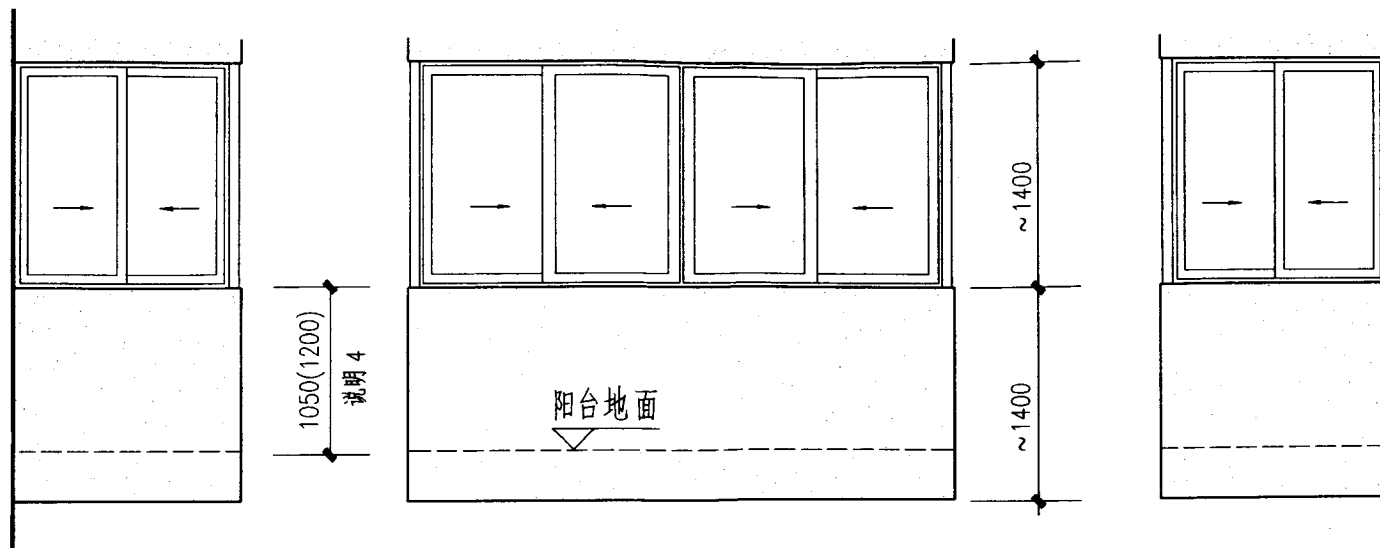
图
 号
 图
 名
 单
 位
 制
 图
 人
 审
 核
 人
 日期



说明:
 1. B-2板尺寸为1000(宽)×高(按单项工程设计)×60(厚); B-3板尺寸为420(宽)×长(按单项工程设计)×50(厚).
 2. B-2.B-3板为C20细石混凝土制作,内配 $\phi 6$ 双向钢筋@150, B-1作法见46页.

双联阳台隔板详图(二)

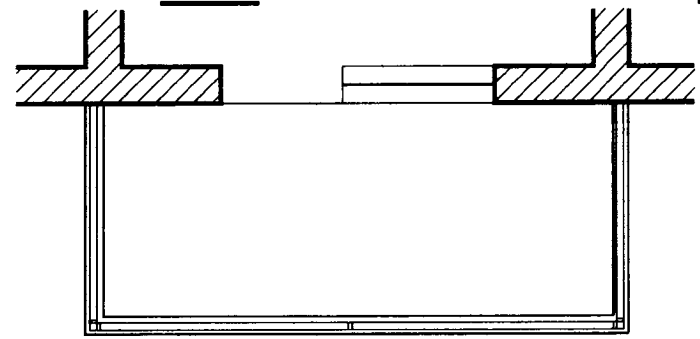
图集号	98ZJ411
页	47



侧立面

正立面

侧立面



阳台封窗平面

- (A) 本色铝合金料
5厚平板玻璃
- (B) 古铜色铝合金料
5厚茶色玻璃

- 说明:
1. 阳台封窗采用55系列推拉铝合金窗见国标 92SJ713 (一) 转角节点见 92SJ713 (一) $\frac{2.3}{11}$, 窗料及玻璃颜色由单项工程设计定.
 2. 窗外安铁栅见本图集第47页.
 3. 本设计层高按2.8 m考虑.
 4. 新项目设计采用封窗时, 建议将阳台栏板高度与窗台等高.

阳台封窗详图

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