

# 室外工程 (一)

编制单位: 内蒙古工大建筑设计有限责任公司

编制单位负责人  
编制单位技术负责人  
审核人  
设计人

## 05 系列建筑标准设计图集

DBJT03—22—2005

05J9-1

室外工程

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编制单位技术负责人  
技术审定人  
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# (一) 群工快室

## 目 录

同公升责期市村新院数大工古蒙内 : 立单编

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# 编制说明

## 1. 编制依据

<<民用建筑设计通则>> GB50352-2005

<<城市居住区规划设计规范>> GB50180-93

## 2. 适用范围

本图集适用于一般民用及工业建筑。

## 3. 主要内容

包括围墙、围墙基础、门柱、门柱基础、坡道、礅、路缘石、多步台阶、大台阶、台阶挡墙、大台阶栏杆、花池、窗井铁算及围栏、围墙大门花饰选用图、围墙大门平立面图、单双向电动推拉围墙大门平立面图、铁艺平开围墙大门平立面图、铁艺电动平开围墙大门平立面图等内容。

## 4. 材料要求

4.1 砌体选用非黏土烧结砖及混凝土砌块。砖强度等级不宜低于MU7.5, 砂浆标号不宜低于M2.5。

4.2 钢筋混凝土构件现浇为C15, 预制为C20, 钢筋采用HPB235, 木材含水率不大于12%。

4.3 图注中基础埋深 $H$ 由设计人定。毛石基础采用M2.5水泥砂浆砌筑, 开槽后如遇地下水时, 改用M5水泥砂浆砌筑。

4.4 凡埋入墙体木砖均进行防腐处理。预埋铁件均进行防锈处理; 凡外

露铁件均应除锈, 刷防锈漆两道, 调合漆两道, 颜色由设计人定。

## 5. 其他要求

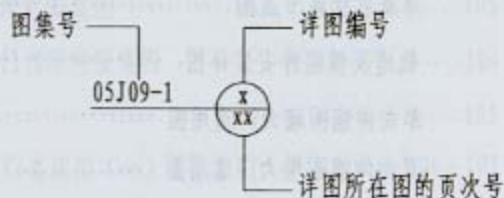
5.1 本图集围墙部分的基础有独立式及条形两种做法, 如选用独立式基础时设计人应注明, 基础深度根据各地冻深由设计人定。

5.2 本图集所注防潮层做法为20mm厚1:2水泥砂浆, 内掺5%防水粉。

5.3 焊接及焊接材料应符合<<建筑钢结构焊接技术规程>>JGJ81-2002。

5.4 本图集尺寸标注以mm为单位, 未注明的尺寸按工程设计确定。

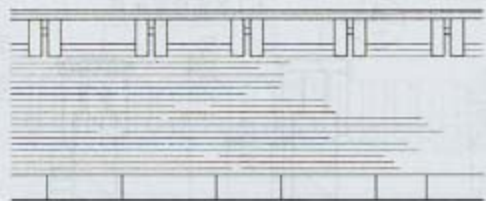
5.5 本图集索引方法:



## 6 施工要求

应严格按照国家现行施工质量验收规范施工和验收。

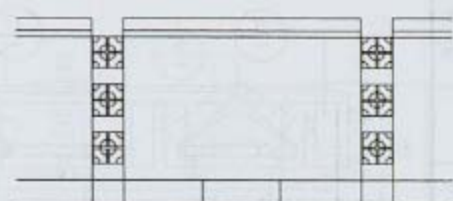
7 在本图集使用中, 本图集所依据的规范、标准若有新的版本时, 用户应按有关做法进行检查、调整, 以使所选做法符合相关规范有效版本的要求。



①



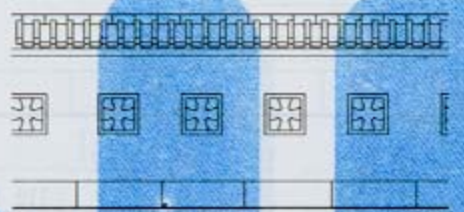
⑤



⑧



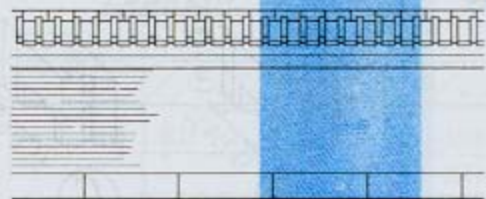
②



⑥



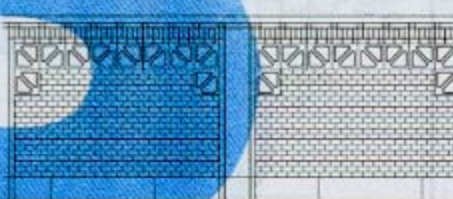
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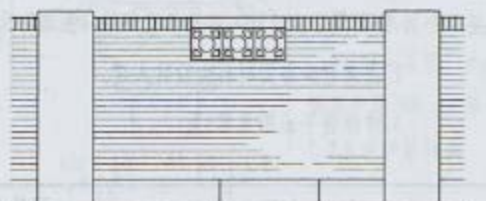
③



⑦



⑩

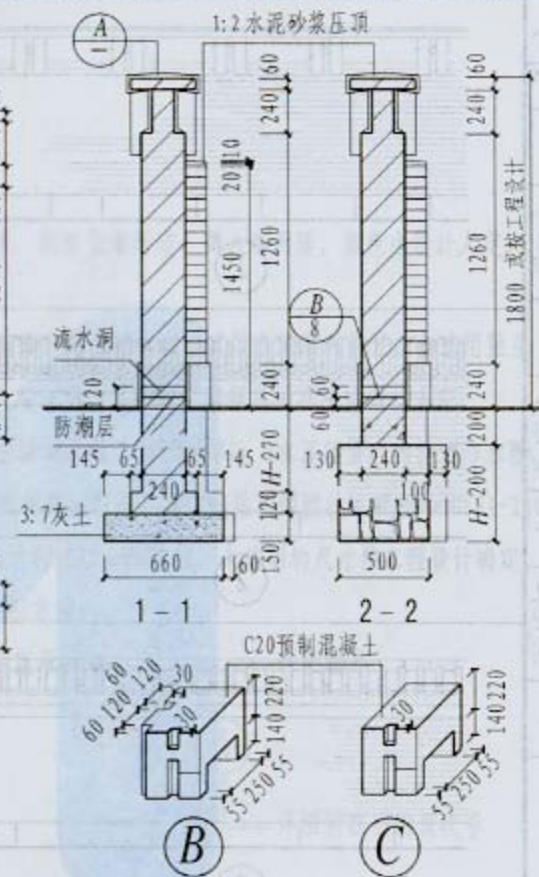
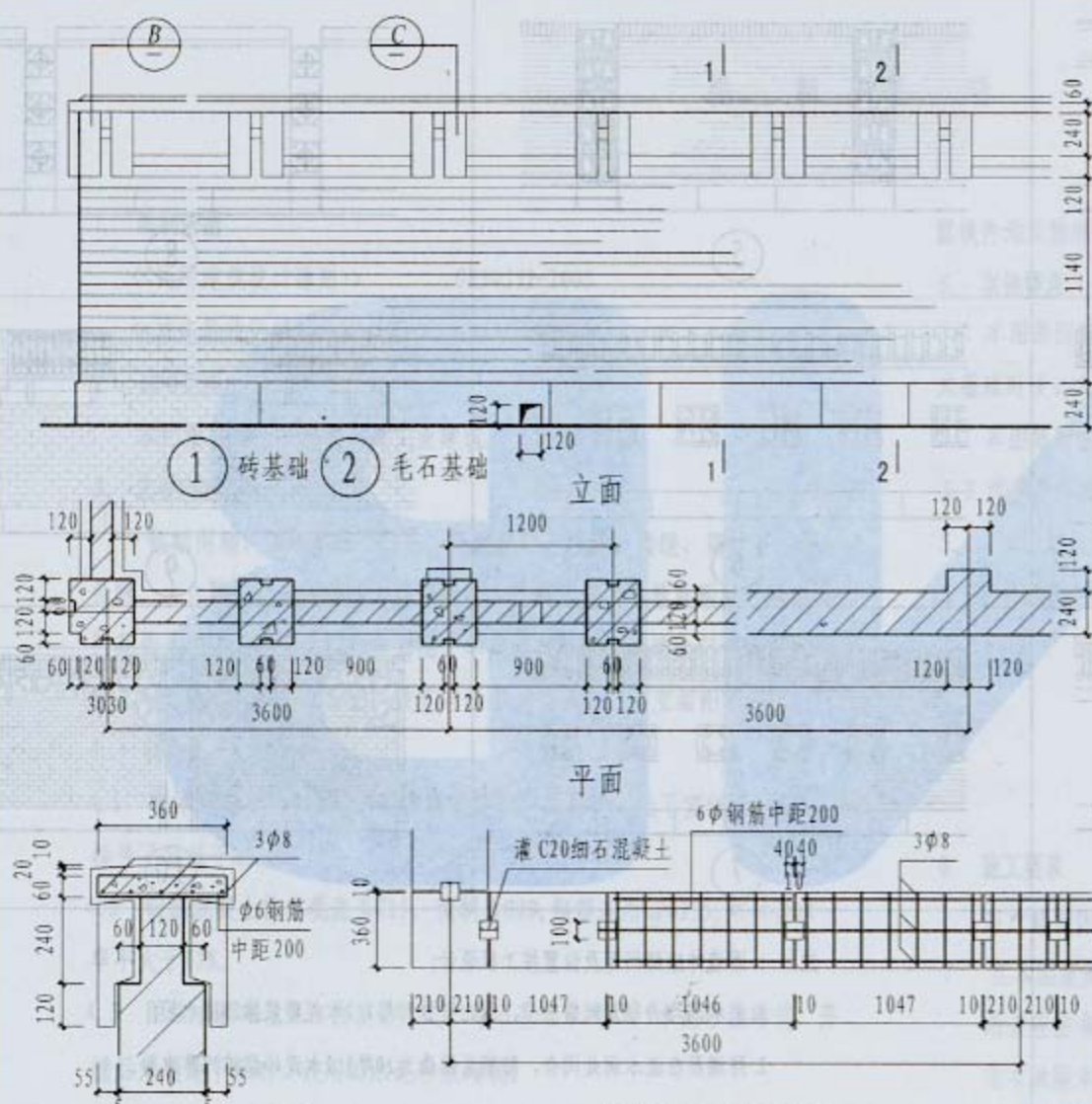


④

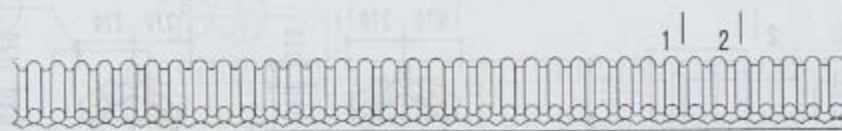
注：1. 围墙伸缩缝间距及位置按工程设计；

2. 流水洞均为每开间留一个，洞内壁抹20厚1:2水泥砂浆掺5%防水粉；

2. 防潮层在流水洞处闭合，防潮层做法为20厚1:2水泥砂浆掺5%防水粉。

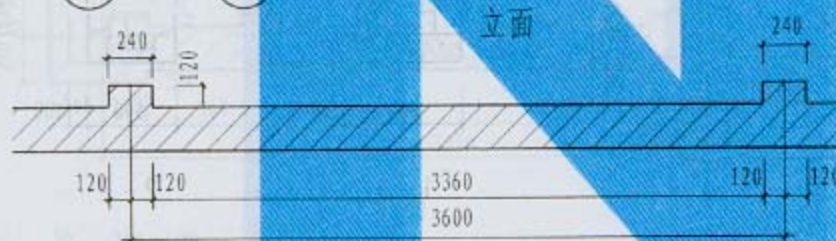


- 注: 1. 围墙材料可为非黏土实心砖、空心砖; 围墙高度 $\leq 2400$ ;  
饰面做法由设计人定或参见05J9-1围墙饰面做法;  
2. 围墙勒脚饰面材料由设计人定;  
3. 伸缩缝平面图见第3页。

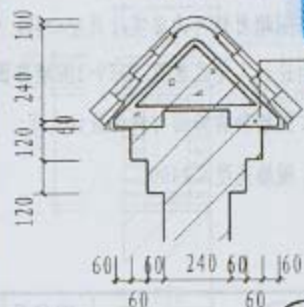


① 砖基础 ② 毛石基础

立面



平面



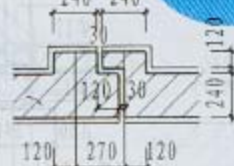
筒瓦, 板瓦

60厚1:3水泥砂浆垫层,

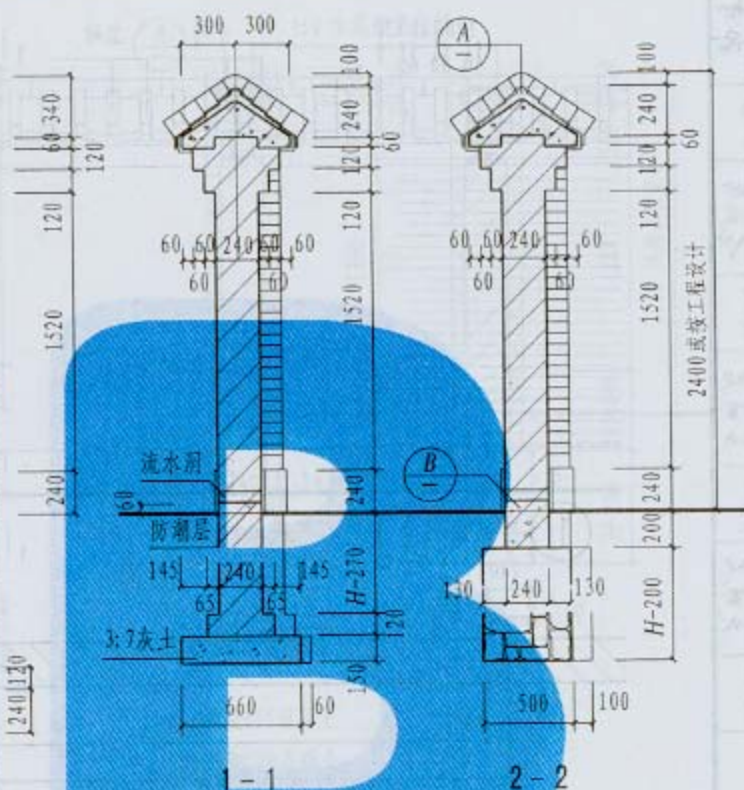
C20混凝土压顶, 内配 $\phi 6$

钢筋中距200, 主筋4 $\phi 6$

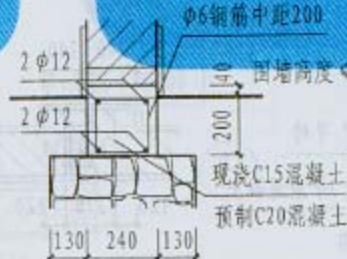
1:2水泥砂浆抹面



伸缩缝平面



- 注: 1. 围堵材料可为非粘土实心及空心砖, 围堵高度 $\leq 2400$ ; 饰面做法由设计人定或参见 05J9-1 围堵饰面做法;
2. 围堵勒脚饰面材料由设计人定;
3. 围堵高度 $\leq 2400$ .



$\phi 6$ 钢筋中距200

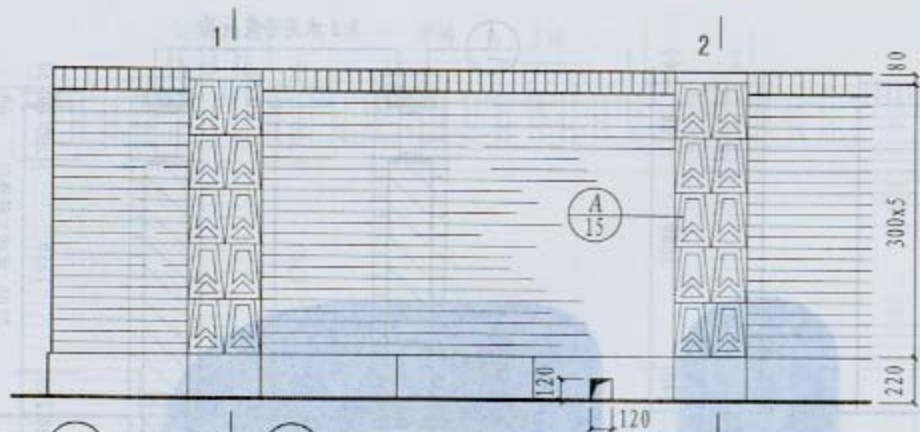
围堵高度 $\leq 2400$ ;

现浇C15混凝土

预制C20混凝土

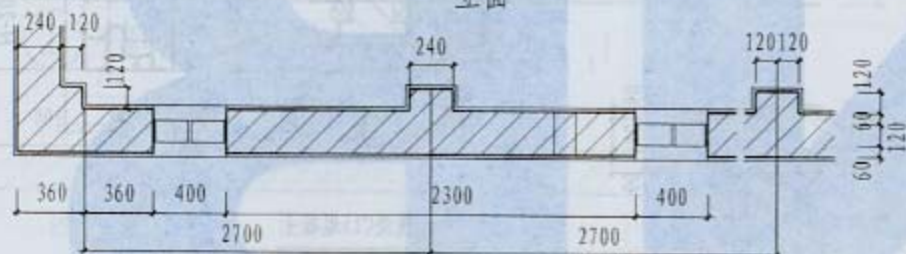




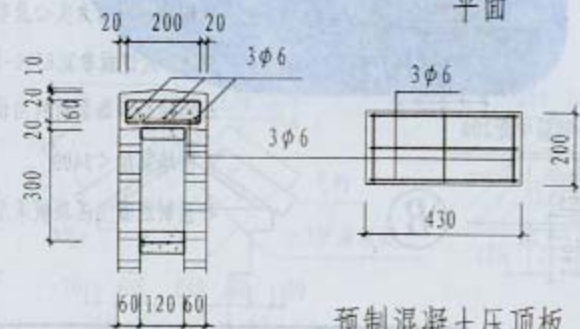


① 砖基础 ② 毛石基础

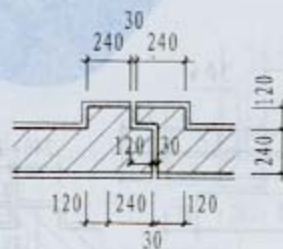
立面



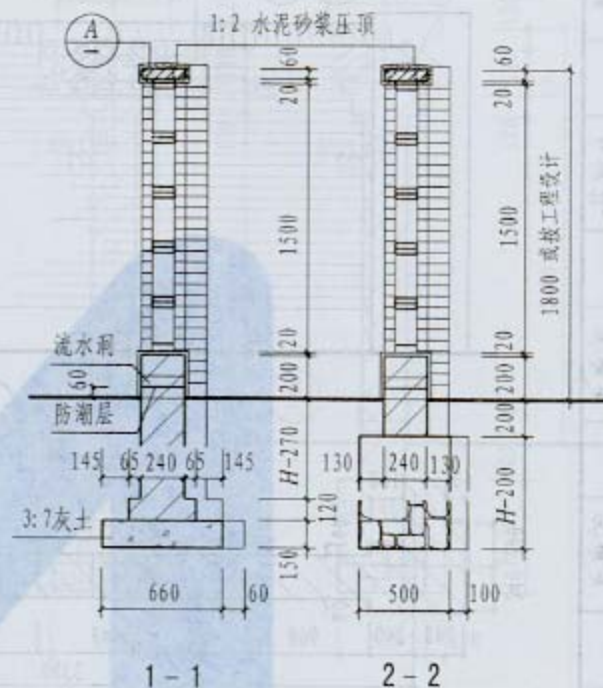
平面



预制混凝土压顶板



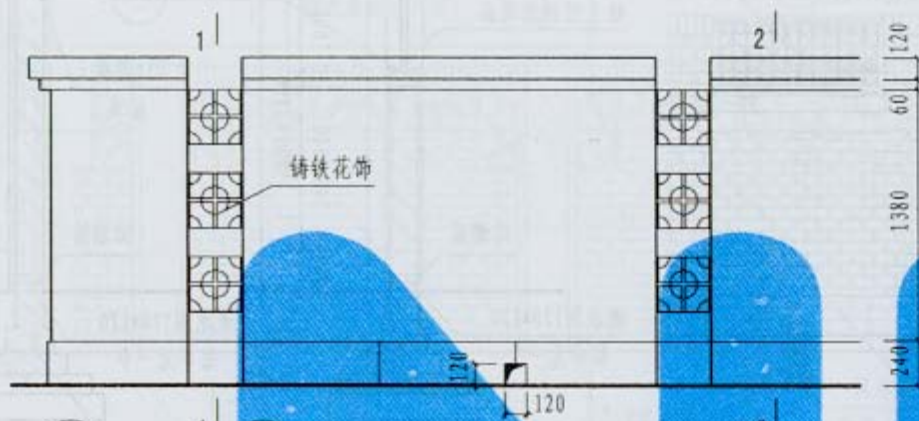
伸缩缝平面



- 注: 1. 围墙材料可为实心及空心砖, 饰面材料由设计人定或参见05J9-1围墙饰面做法;  
2. 围墙勒脚饰面材料由设计人定;  
3. 围墙高度 $\leq 2400$ ;  
4. 预制混凝土压顶板采用C20混凝土。

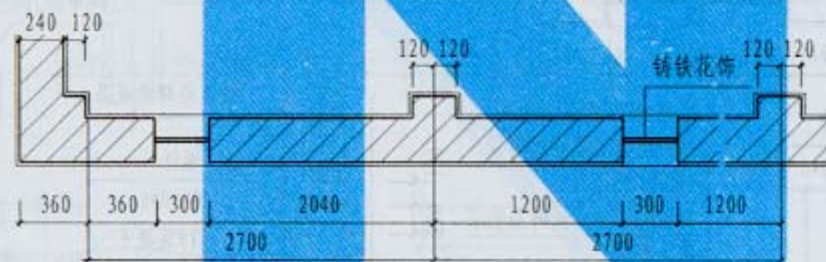




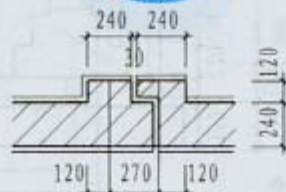
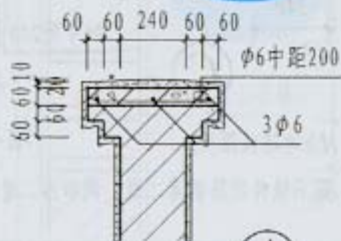


① 砖基础 ② 毛石基础

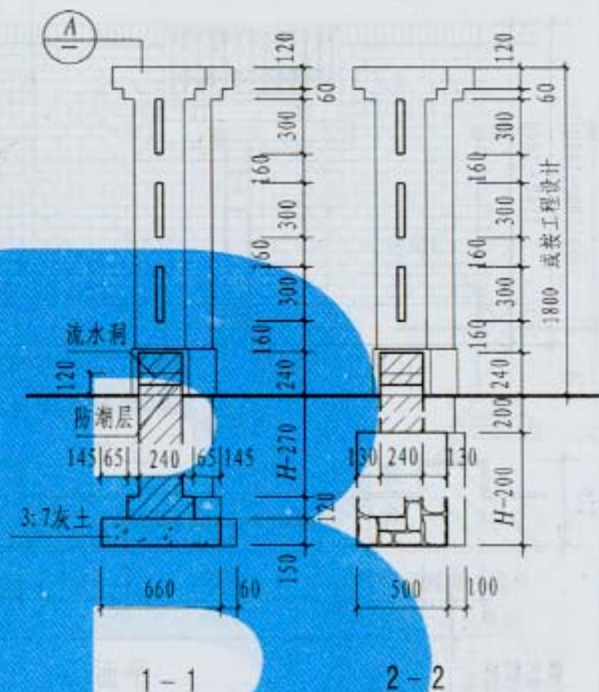
立面



平面



伸缩缝平面



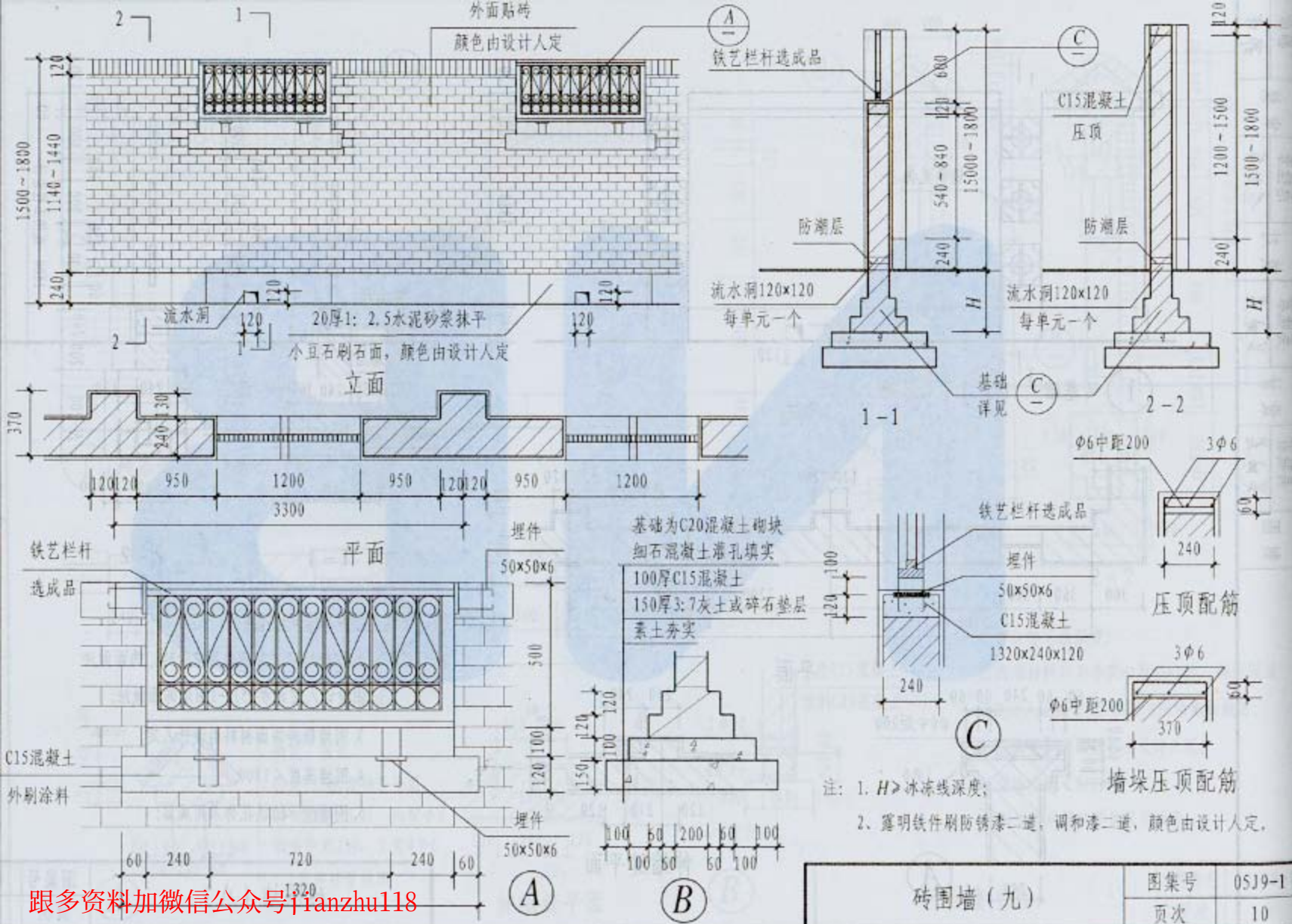
注: 1.  $H >$  冰冻线深度;

2. 围墙材料可为实心及空心砖, 饰面做法由设计人定或参05J9-1围墙饰面做法;

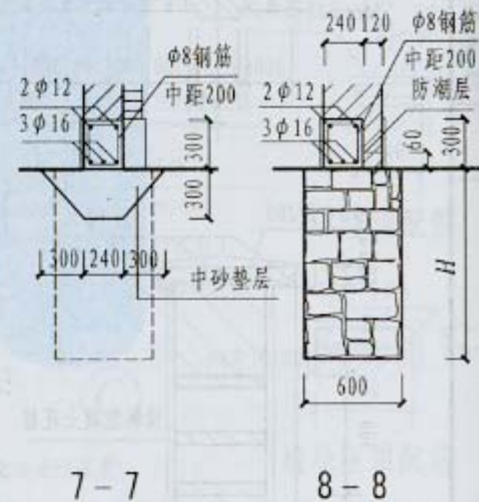
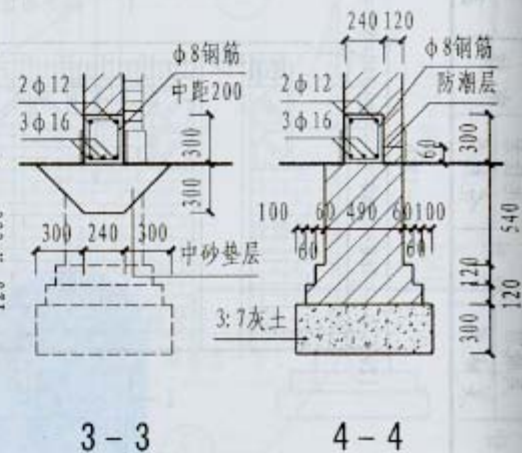
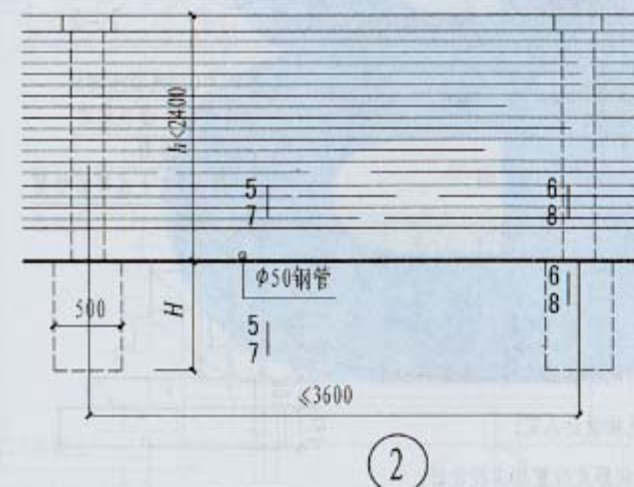
3. 围墙粉脚饰面材料由设计人定;

4. 围墙高度  $\leq 1800$ ;

5. 围墙所示铸铁花饰采用成品;



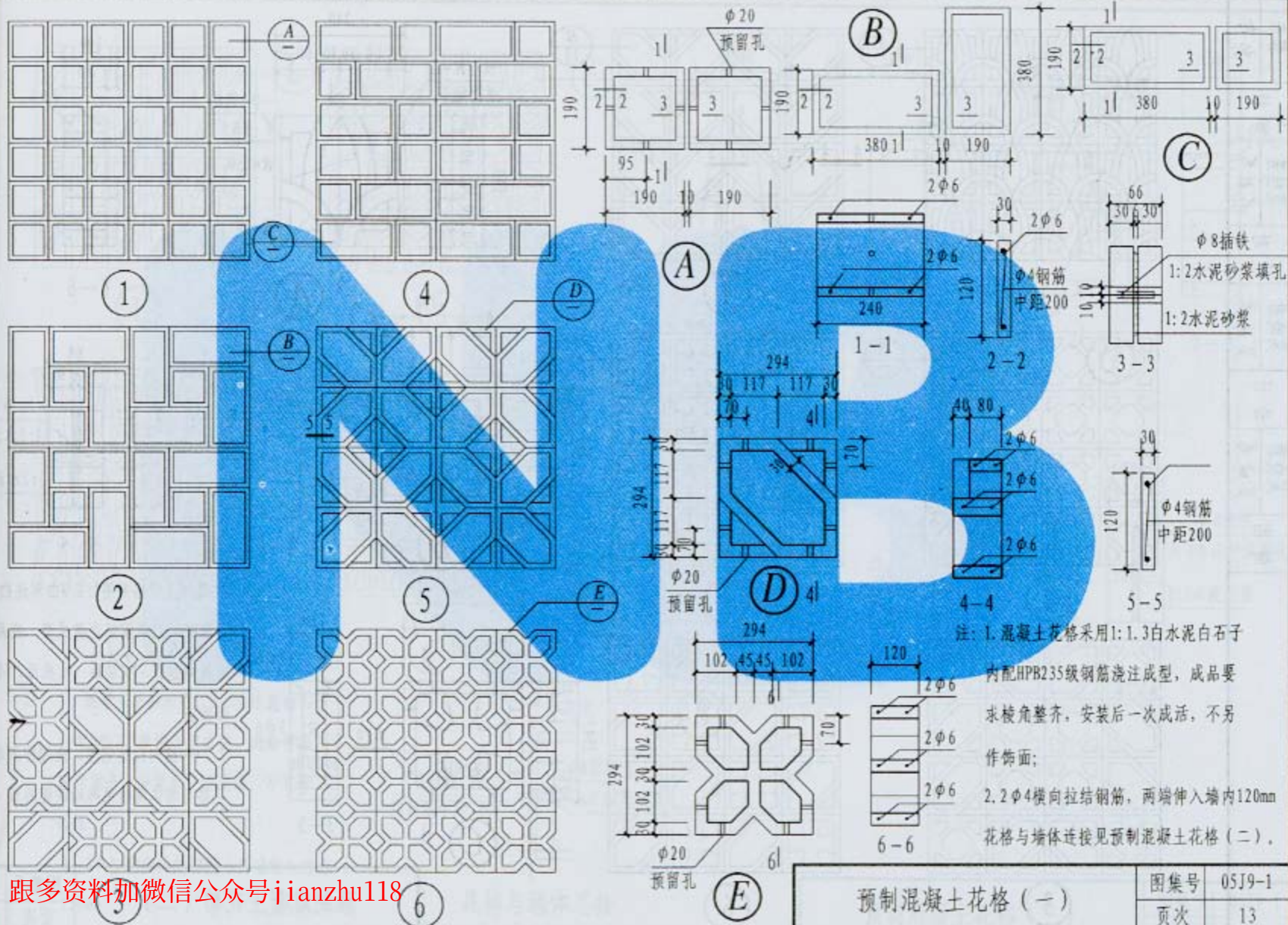


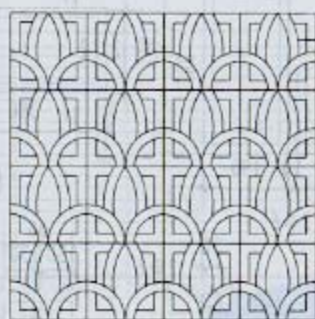


2. 排水管采用 $\phi 50$ 钢管, 每开间留一个;

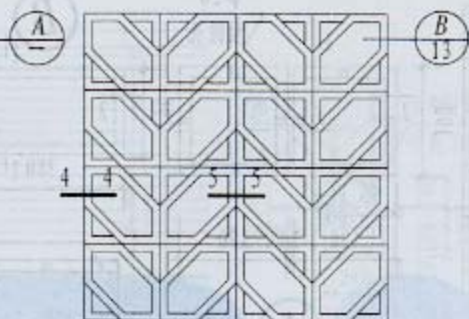
跟多资料加微信公众号jianzhu118

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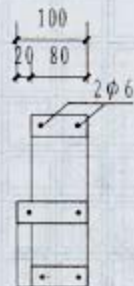
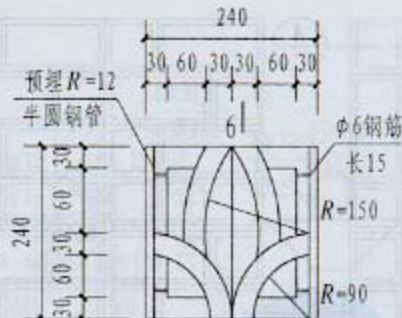




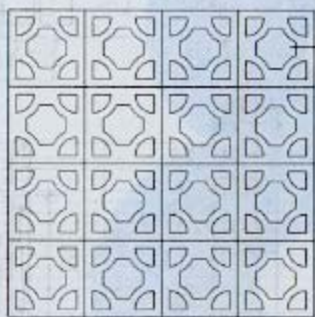
①



④



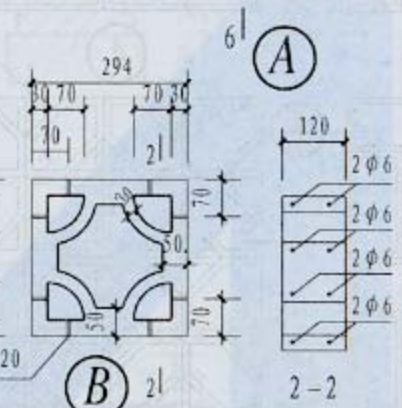
6-6



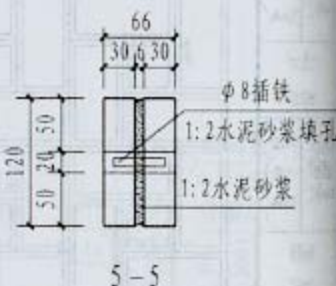
②



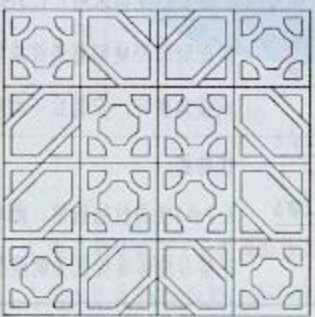
⑤



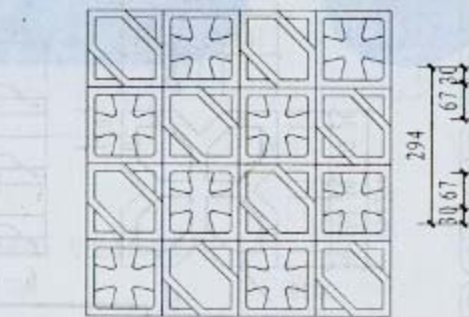
2-2



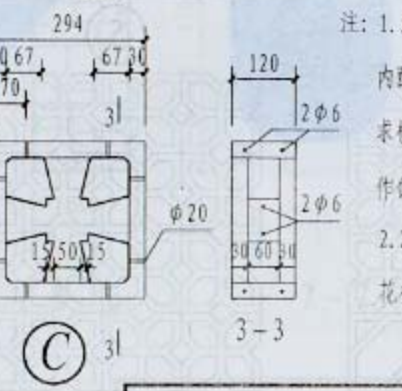
5-5



③

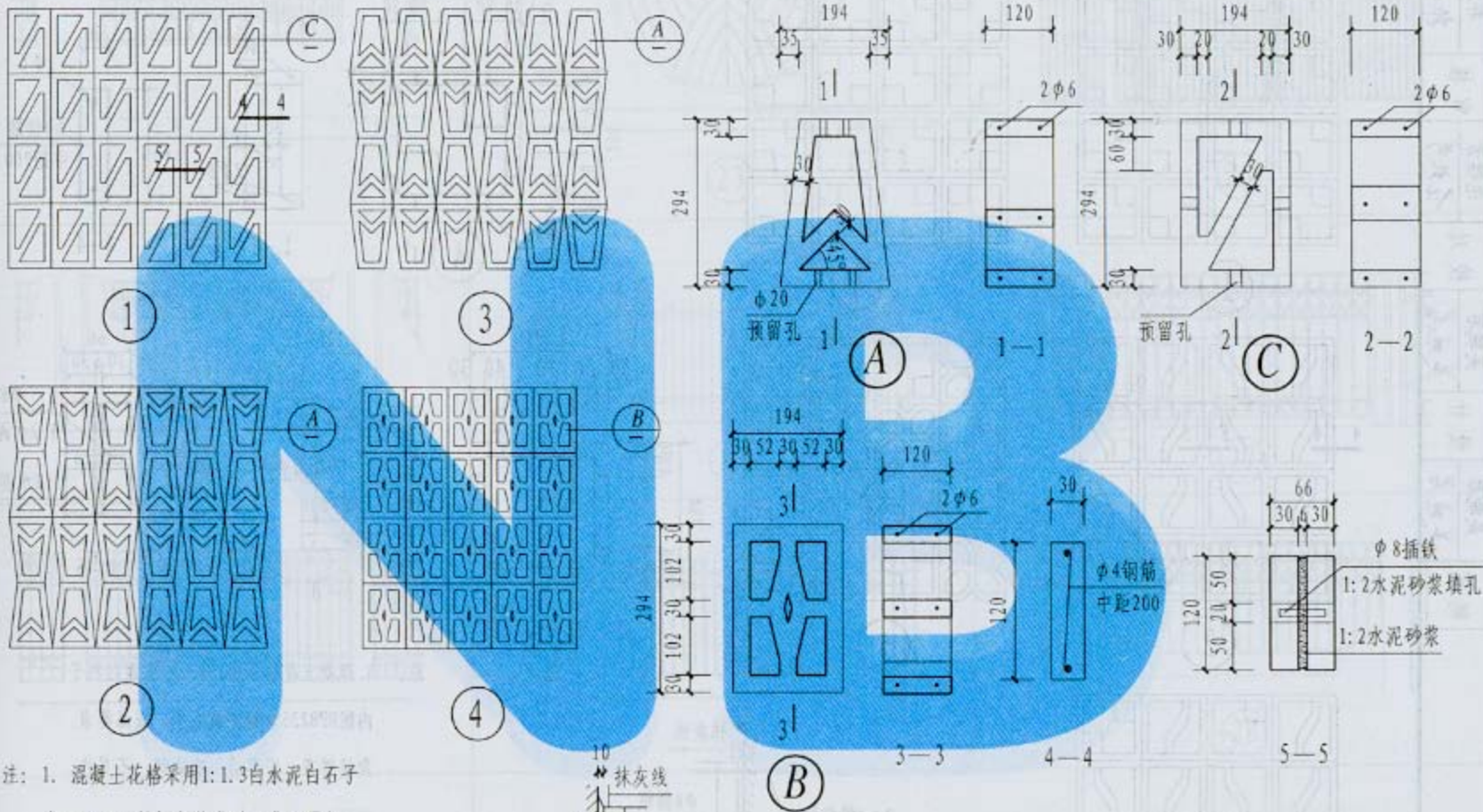


⑥



3-3

注: 1. 混凝土花格采用1:1.3白水泥白石子内配HPB235级钢筋浇筑成型, 成品要求棱角整齐, 安装后一次成活, 不另作饰面;  
2. 2φ4横向拉结钢筋, 两端伸入墙内120mm  
花格与墙体连接见砖垛铁圈固墙(二)。



注: 1. 混凝土花格采用1:1.3白水泥白石子

内配HPB235级钢浇筑成型, 成品要求

棱角整齐, 安装后一次成活, 不另作饰面;

2. 2  $\phi 4$  横向拉结钢筋, 两端伸入墙内

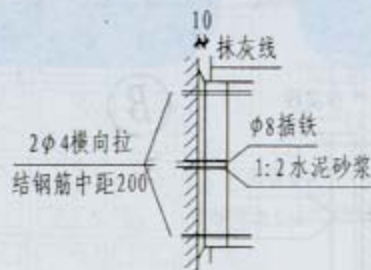
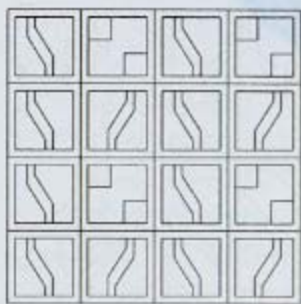
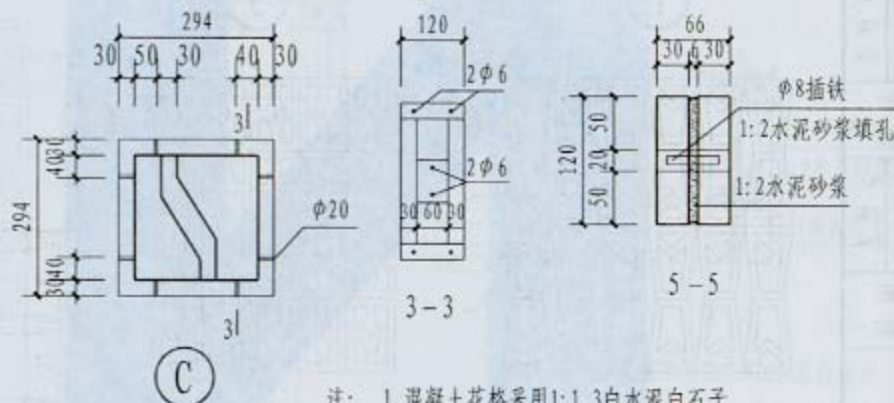
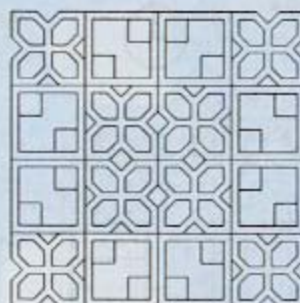
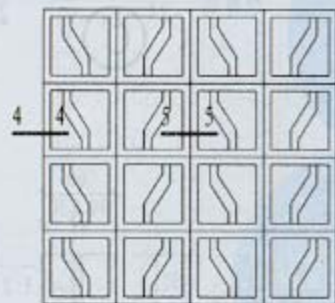
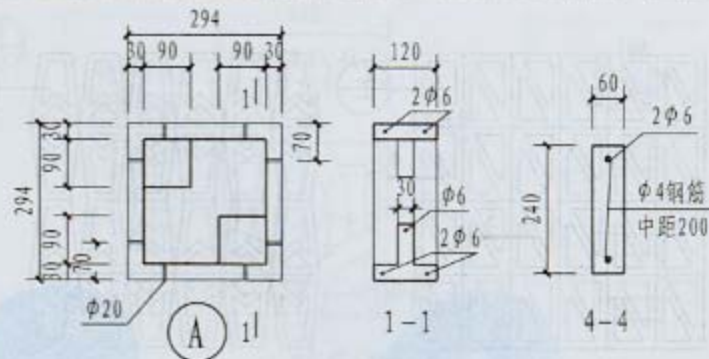
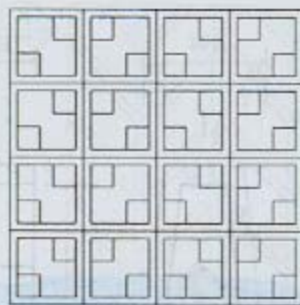
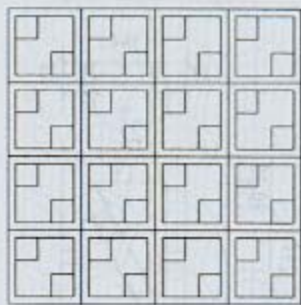
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花格与墙体连接

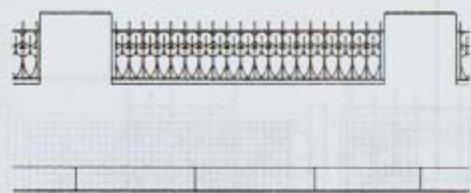
预制混凝土花格 (三)

图集号 05J9-1

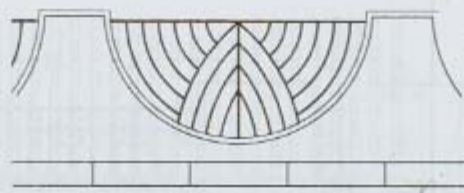
页次 15



注: 1. 混凝土花格采用1:1.3白水泥白石子  
内配HPB235级钢浇筑成型, 成品要求  
角棱整齐, 安装后一次成活, 不另作  
饰面;  
2. 2 $\phi$ 4横向拉结钢筋, 两端伸入墙内  
120mm.



19



23



26



20



24



27



21



25



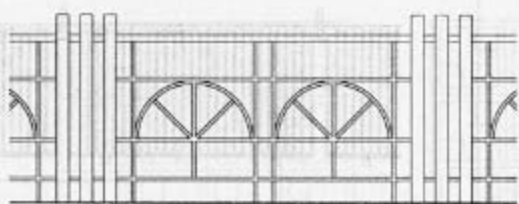
28



22

注: 1. 围墙伸缩缝间距 $\geq 60m$ , 位置按工程设计;

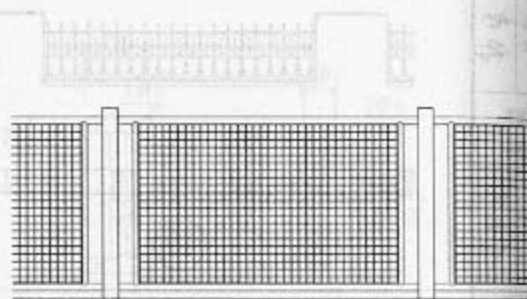
2. 流水洞均为每两开间留一个, 洞内壁抹20厚1:2 水泥砂浆掺5%防水粉。



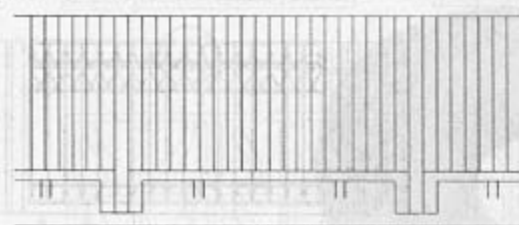
29



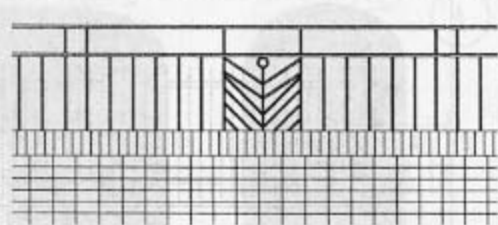
33



36



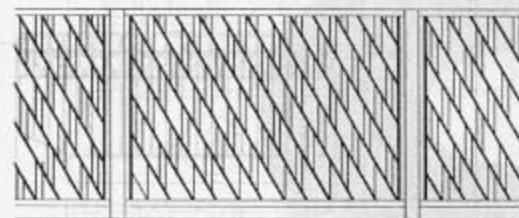
30



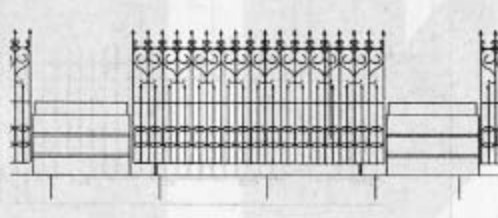
34



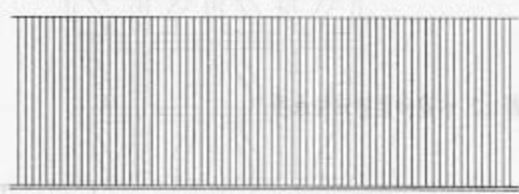
37



31



35

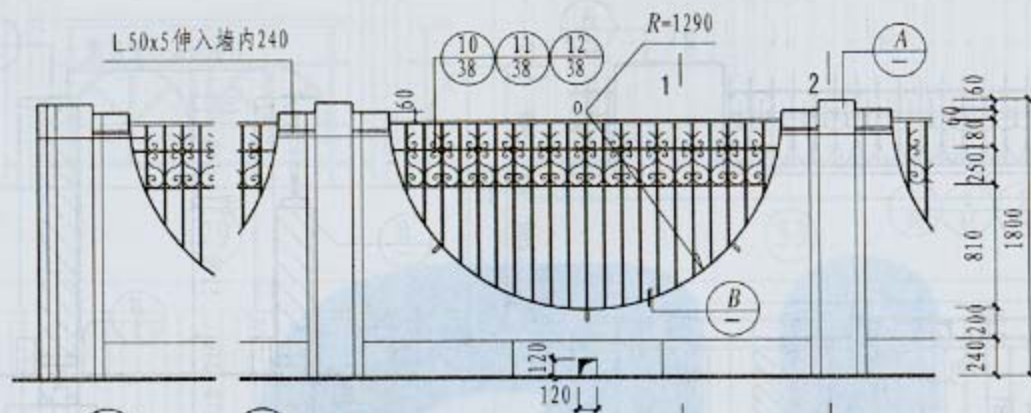


32

注：2. 围墙伸缩缝间距 $\geq 60m$ ，位置按工程设计；

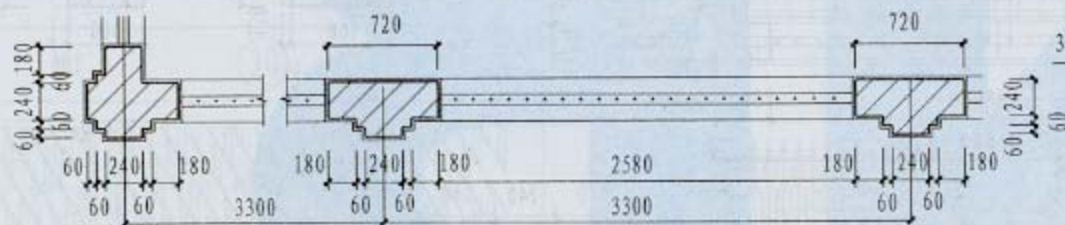
3. 排水管间距见围墙详图。



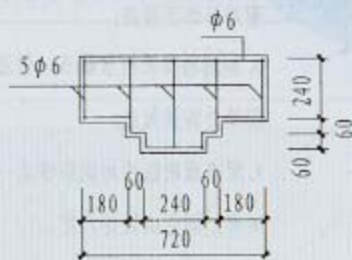


① 砖基础 ② 毛石基础

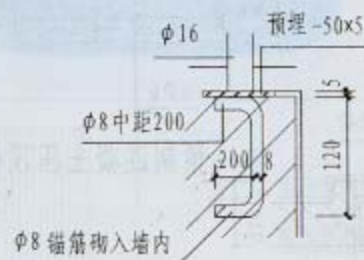
立面



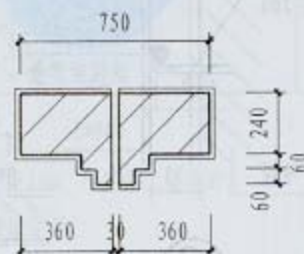
平面



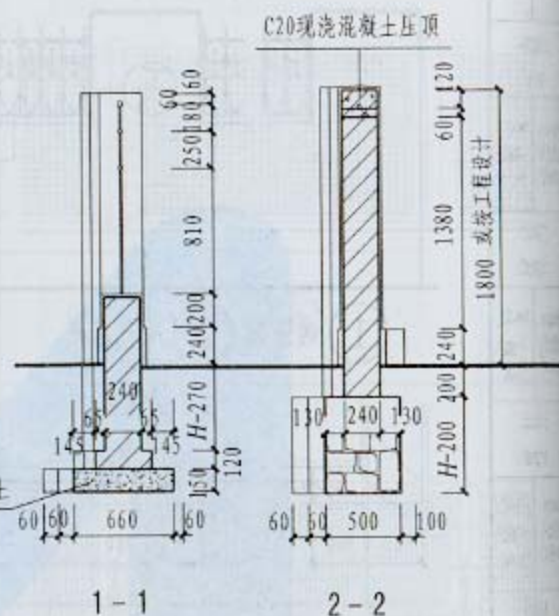
A



B



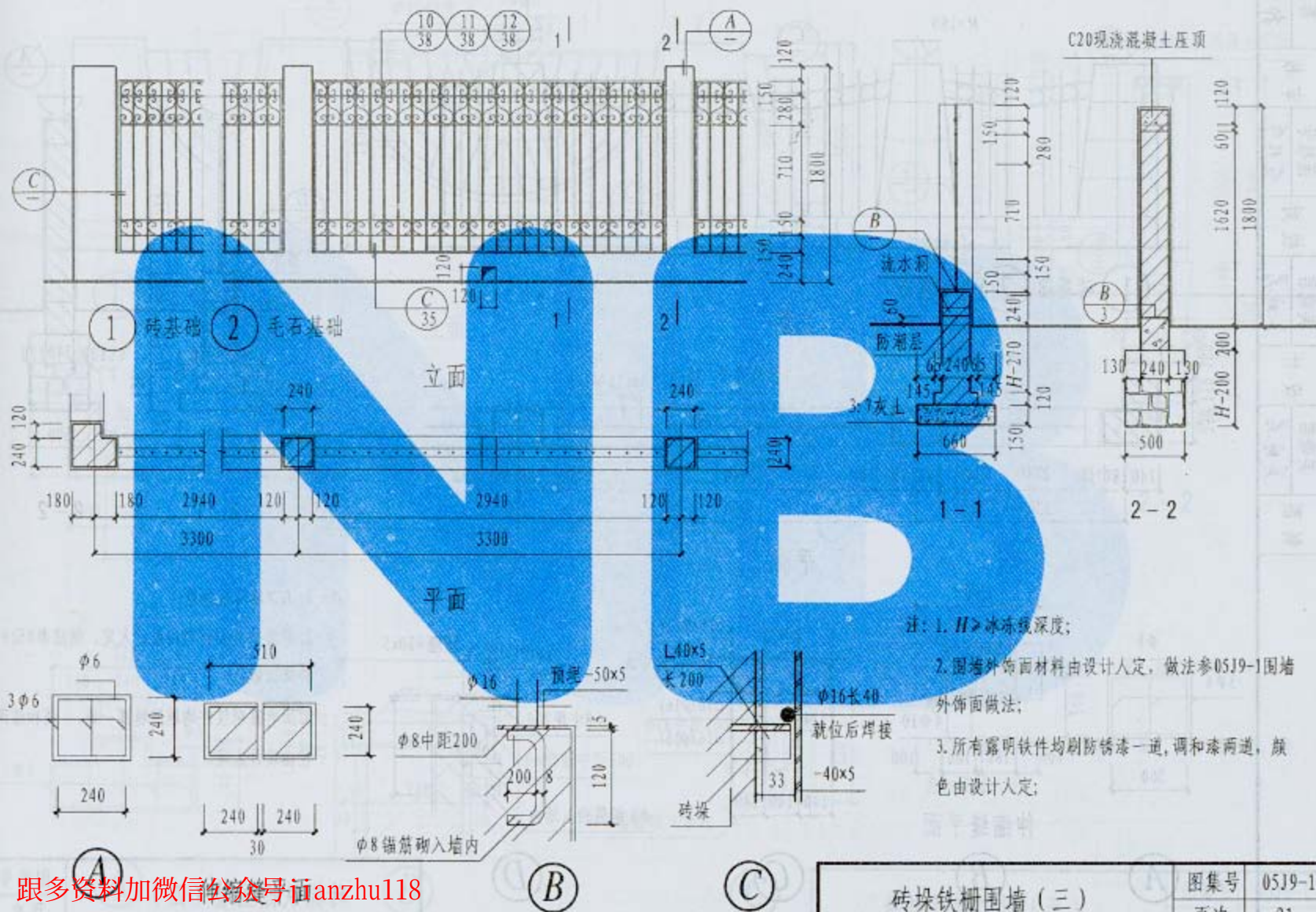
伸缩缝平面

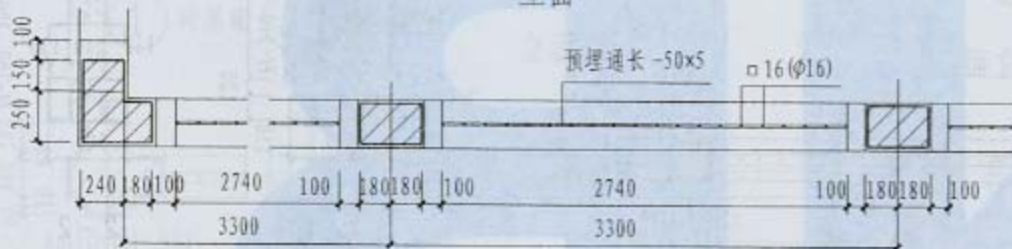
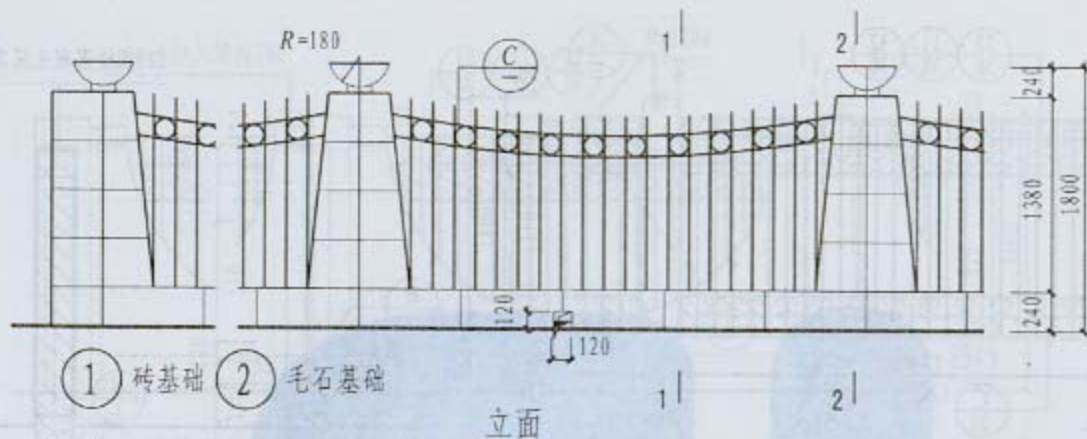


注: 1.  $H >$  冰冻线深度;

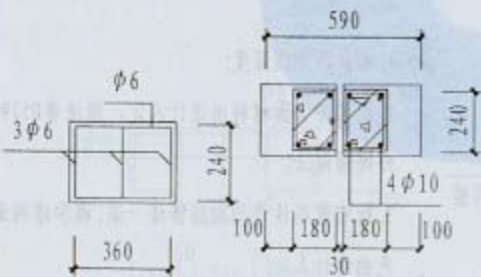
2. 围墙外饰面材料由设计人定, 做法参见05J9-1围墙外饰面做法;

3. 所有露明铁件均刷防锈漆一道, 调和漆两遍, 颜色由设计人定。

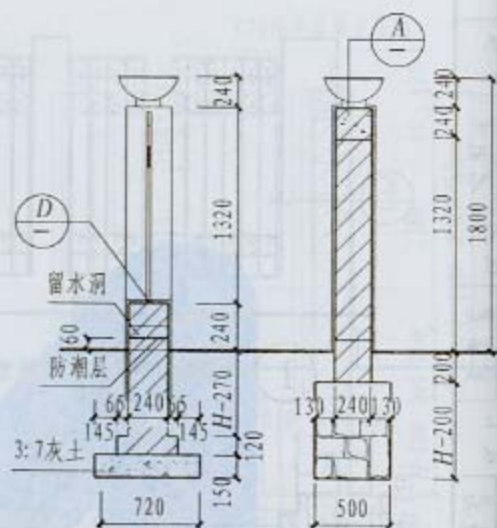
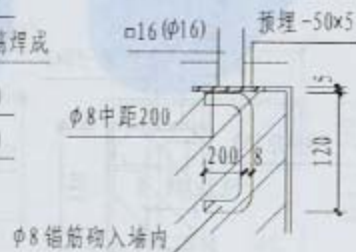
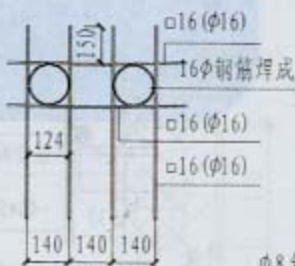




平面



伸缩缝平面



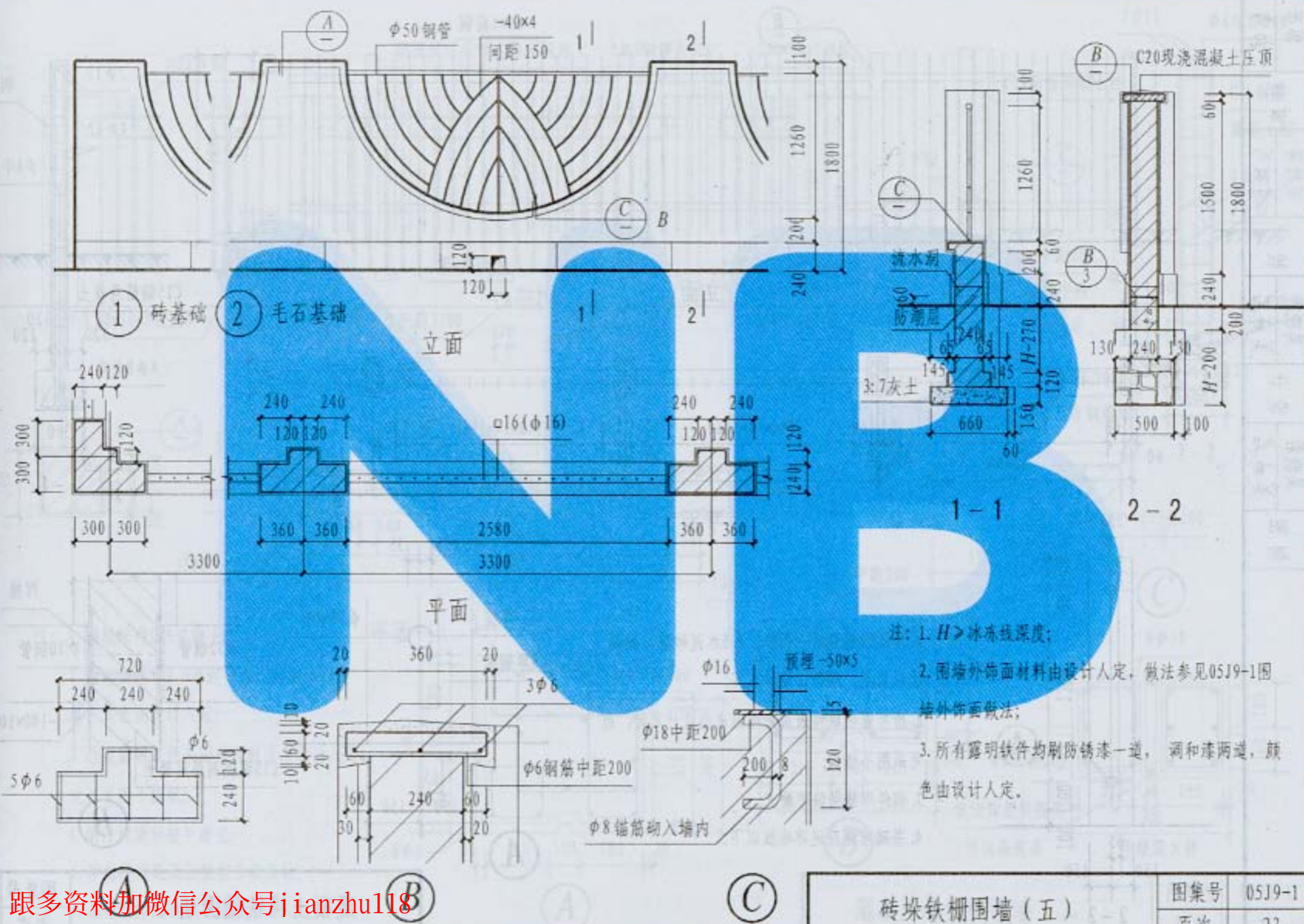
1-1

2-2

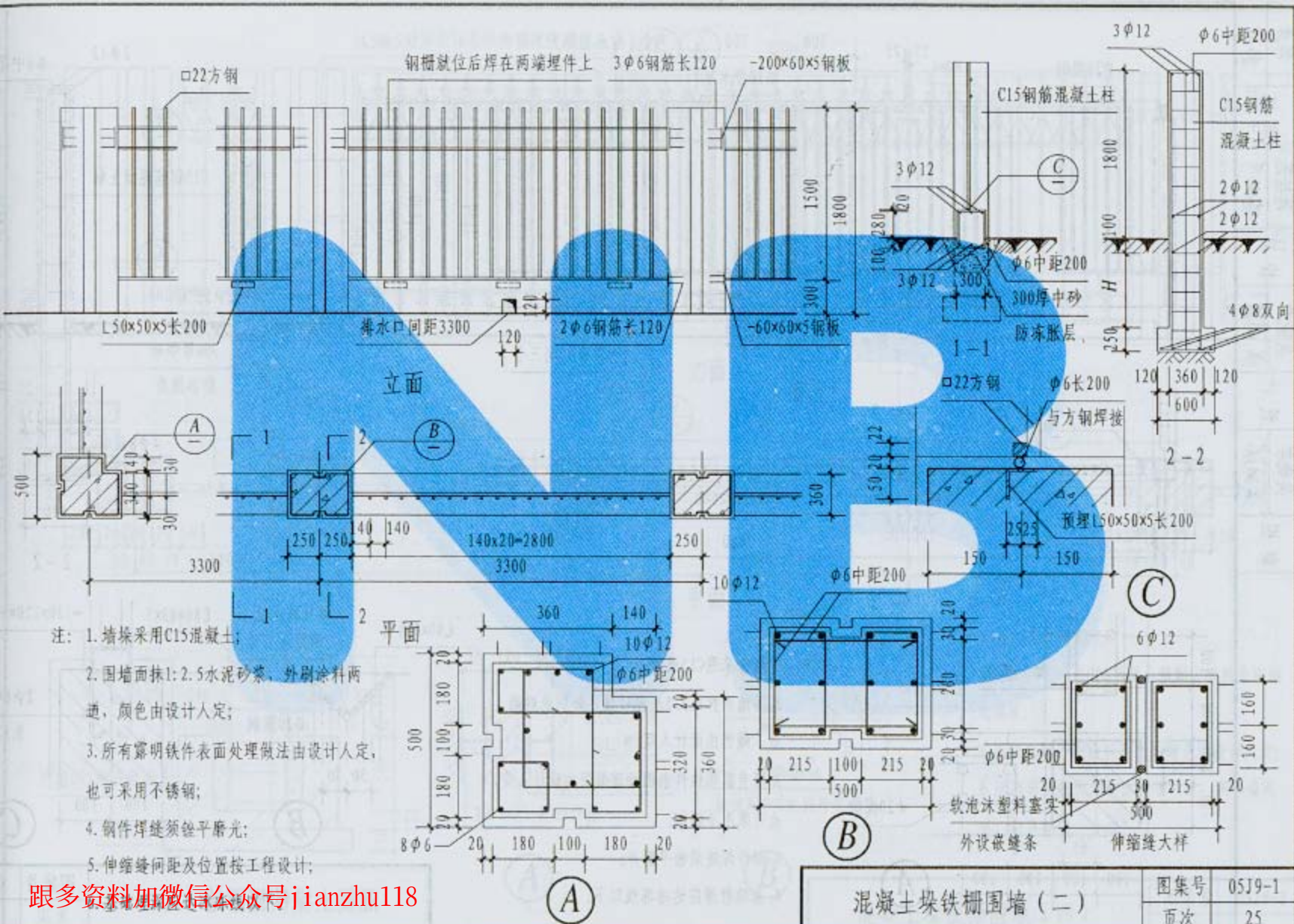
注: 1.  $H >$  冰冻线深度;

2. 围墙外饰面材料由设计人定, 做法参05J9-1围墙外饰面做法;

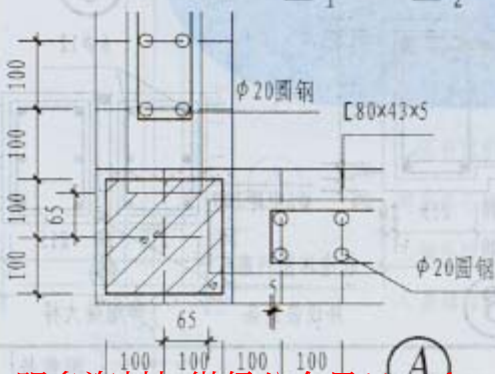
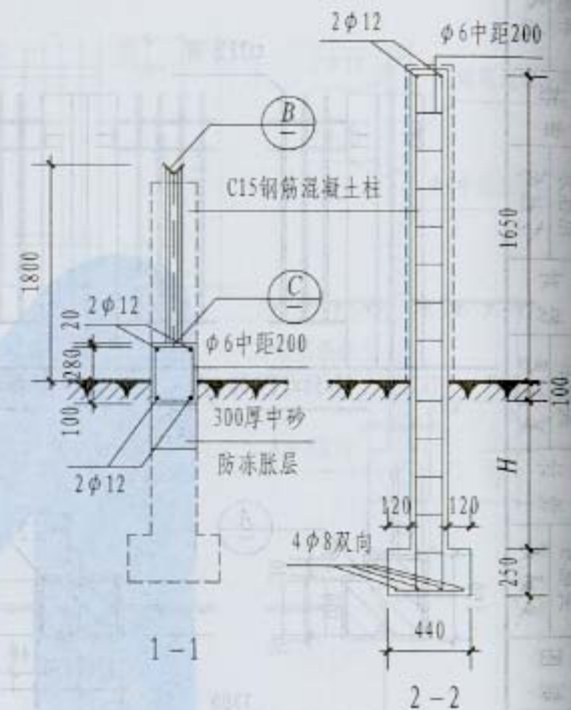
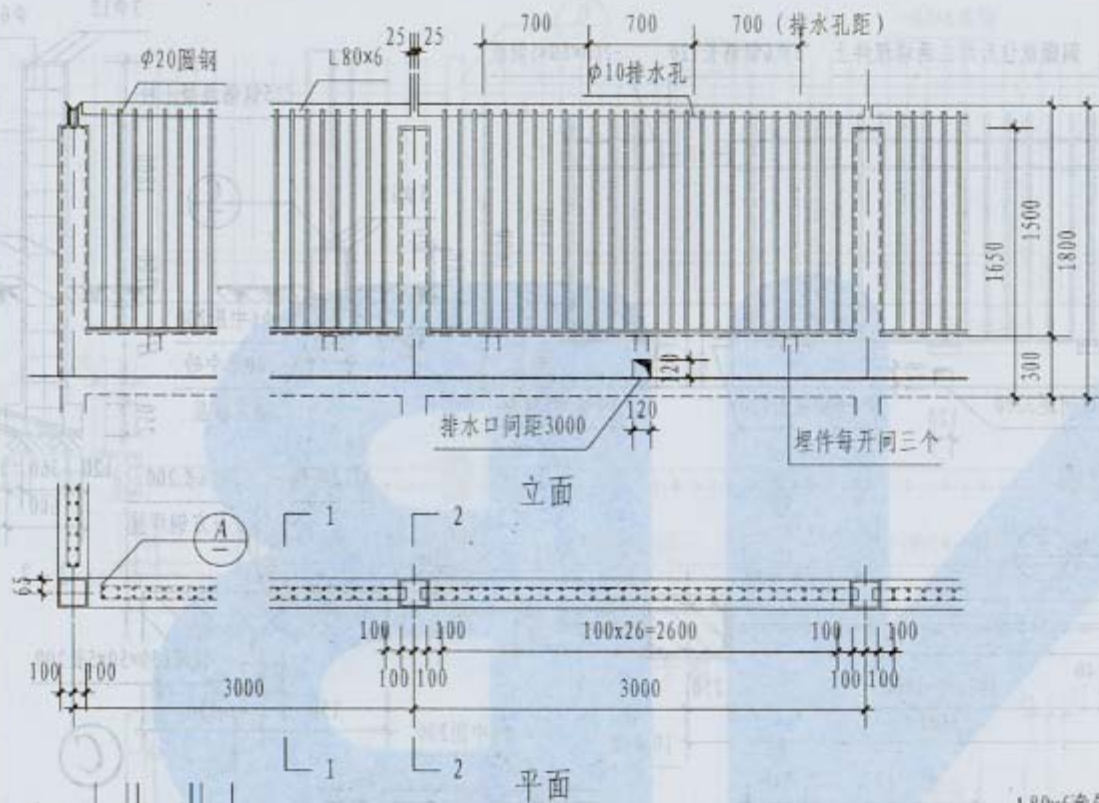
3. 所有露明铁件均刷防锈漆一道, 调和漆两道, 颜色由设计人定。



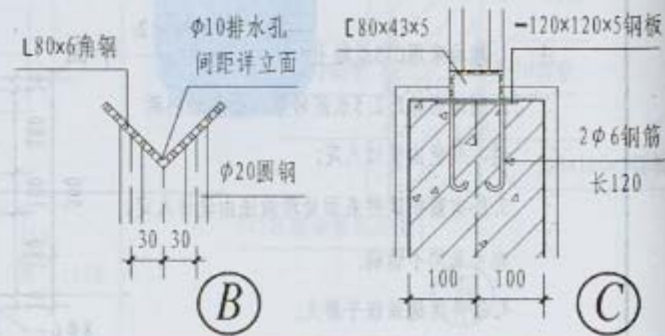




- 注: 1. 墙块采用C15混凝土;  
 2. 围墙面抹1:2.5水泥砂浆, 外刷涂料两遍, 颜色由设计人定;  
 3. 所有露明铁件表面处理做法由设计人定, 也可采用不锈钢;  
 4. 钢件焊缝须铲平磨光;  
 5. 伸缩缝间距及位置按工程设计;



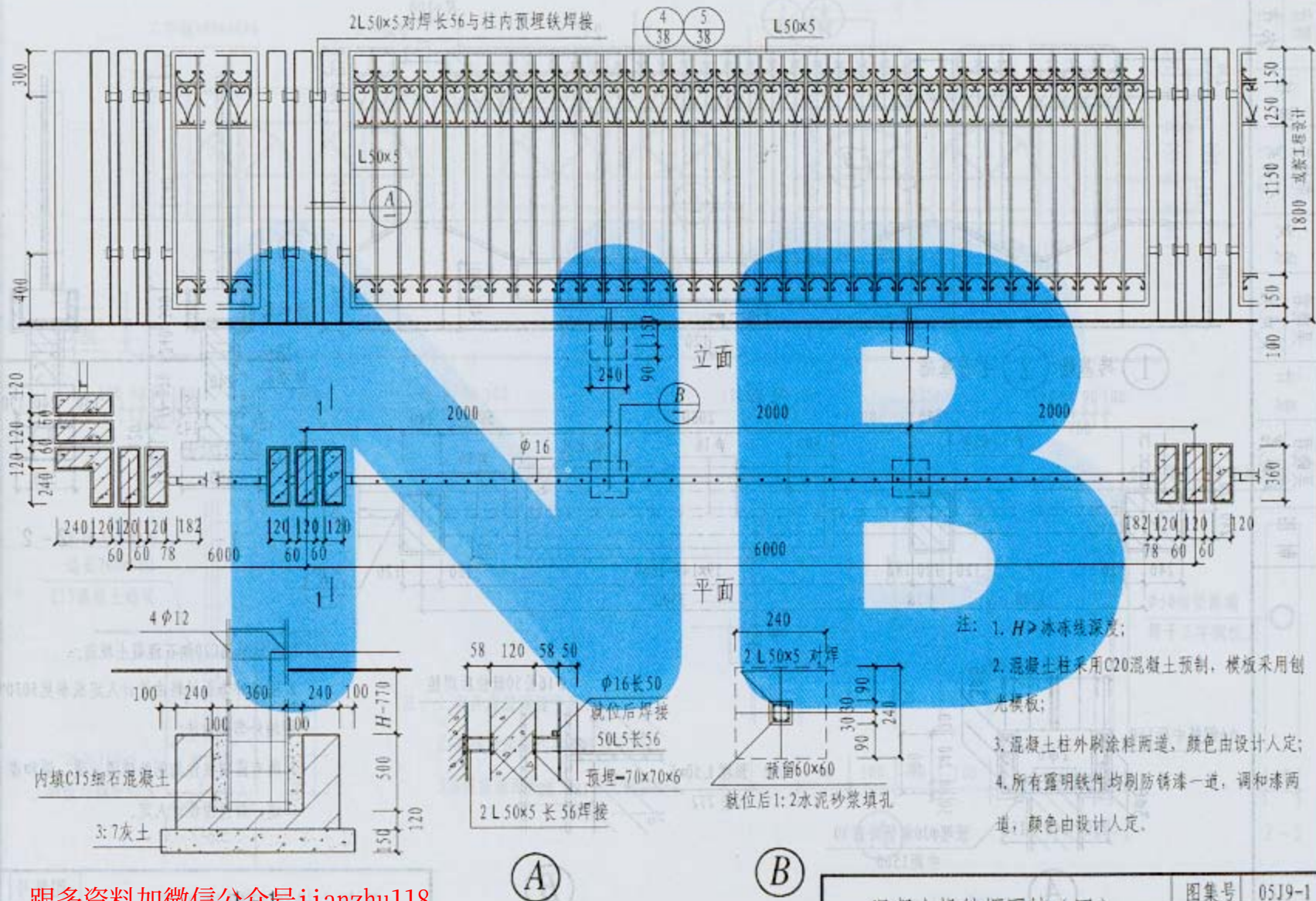
- 注: 1. 墙垛采用C15混凝土;  
2. 围墙面抹1:2.5水泥砂浆, 外刷涂料两遍, 颜色由设计人定;  
3. 所有露明铁件表面处理做法由设计人定, 也可采用不锈钢;  
4. 钢件焊缝须经平磨光;  
5. 基础埋深应达冰冻线以下。



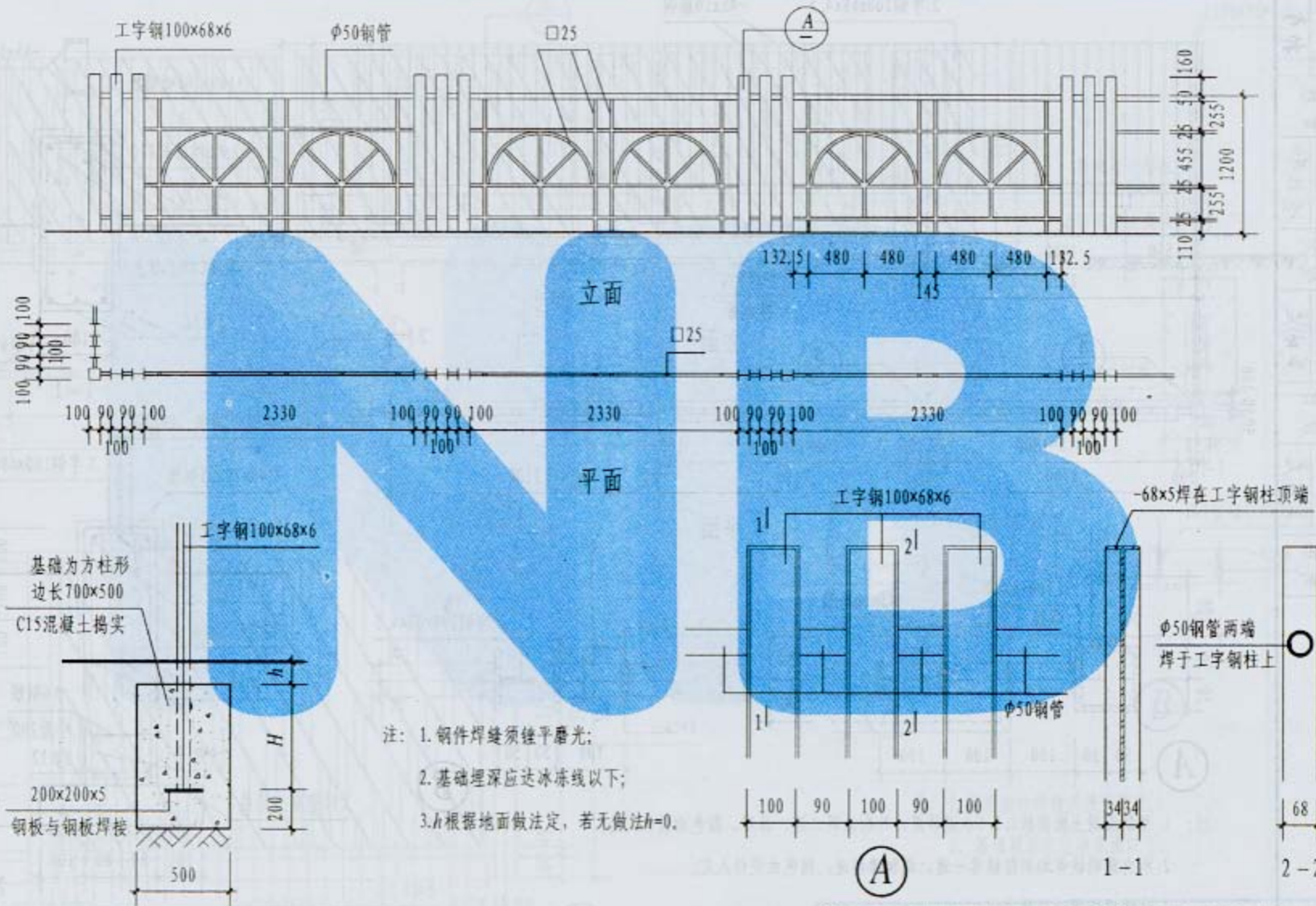
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混凝土垛铁栅围墙 (三)

|     |        |
|-----|--------|
| 图集号 | 05J9-1 |
| 页次  | 26     |

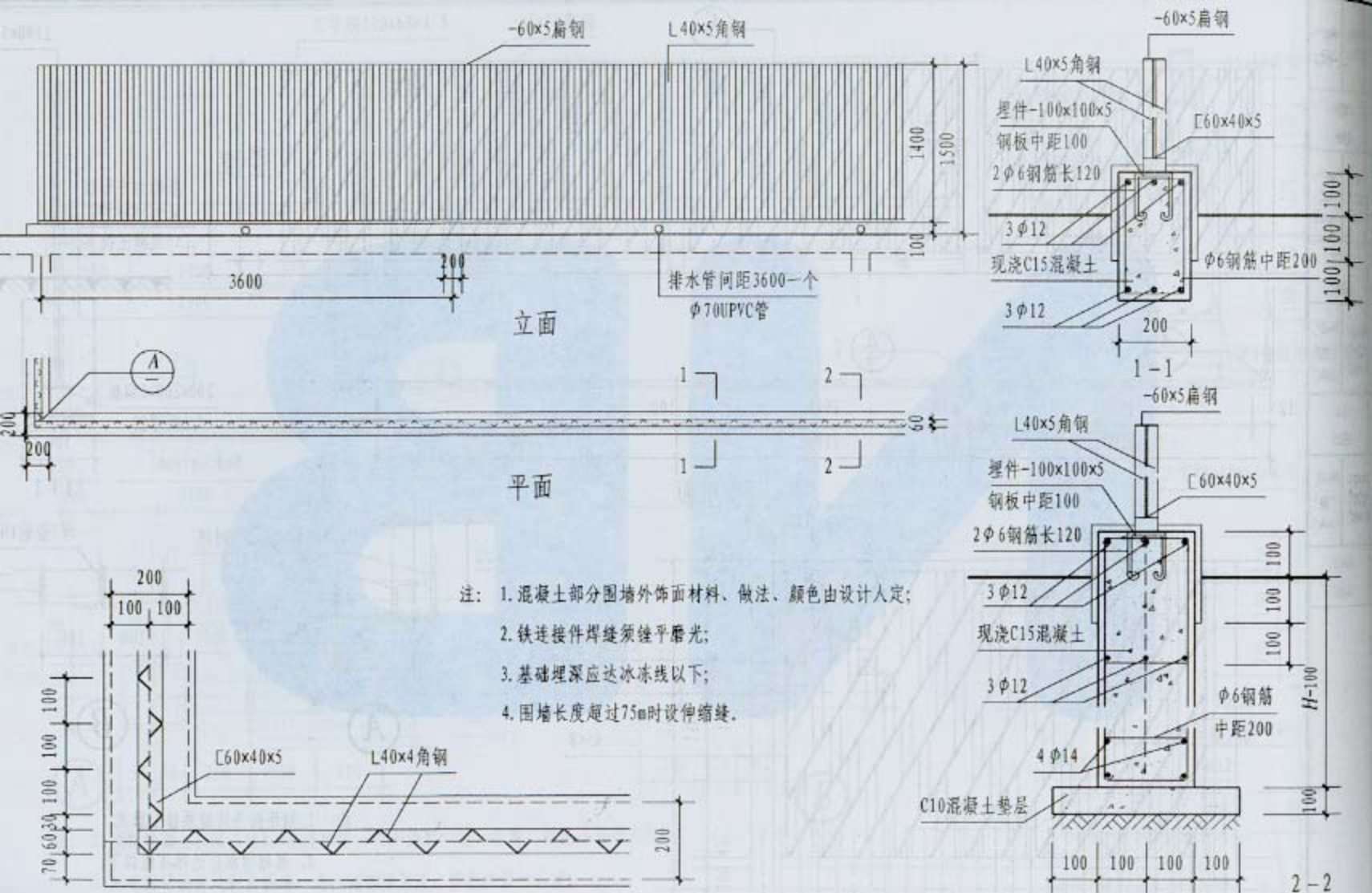




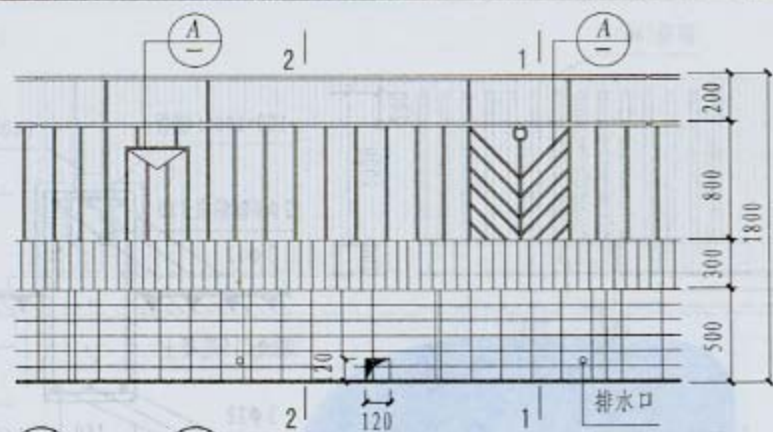




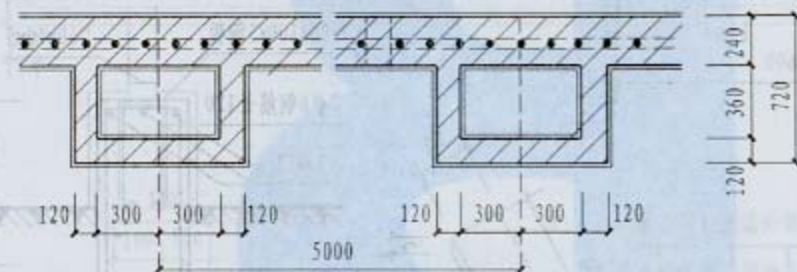




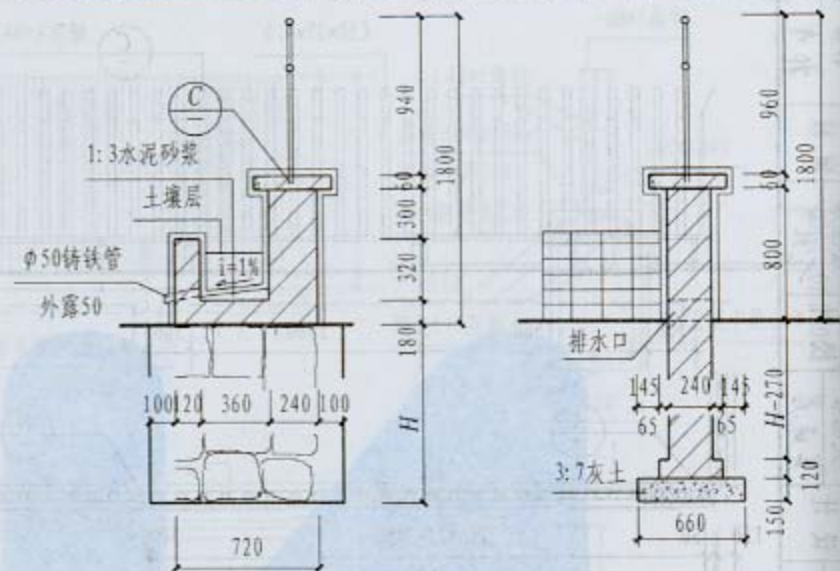
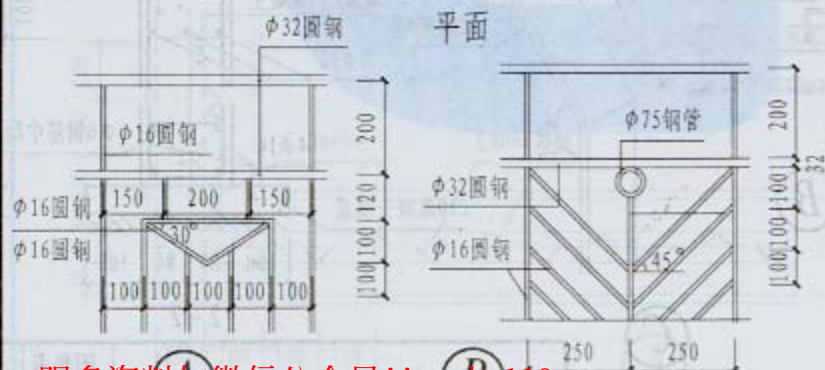




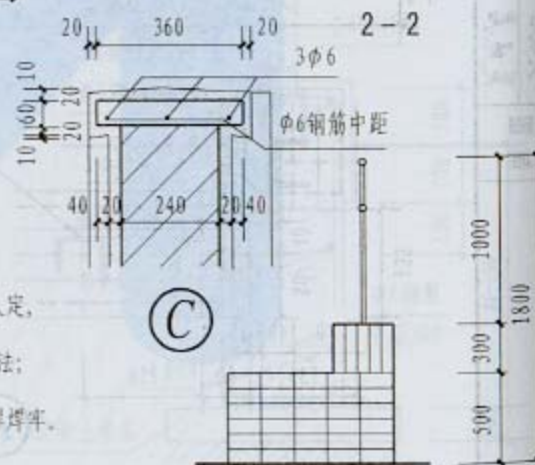
立面



平面

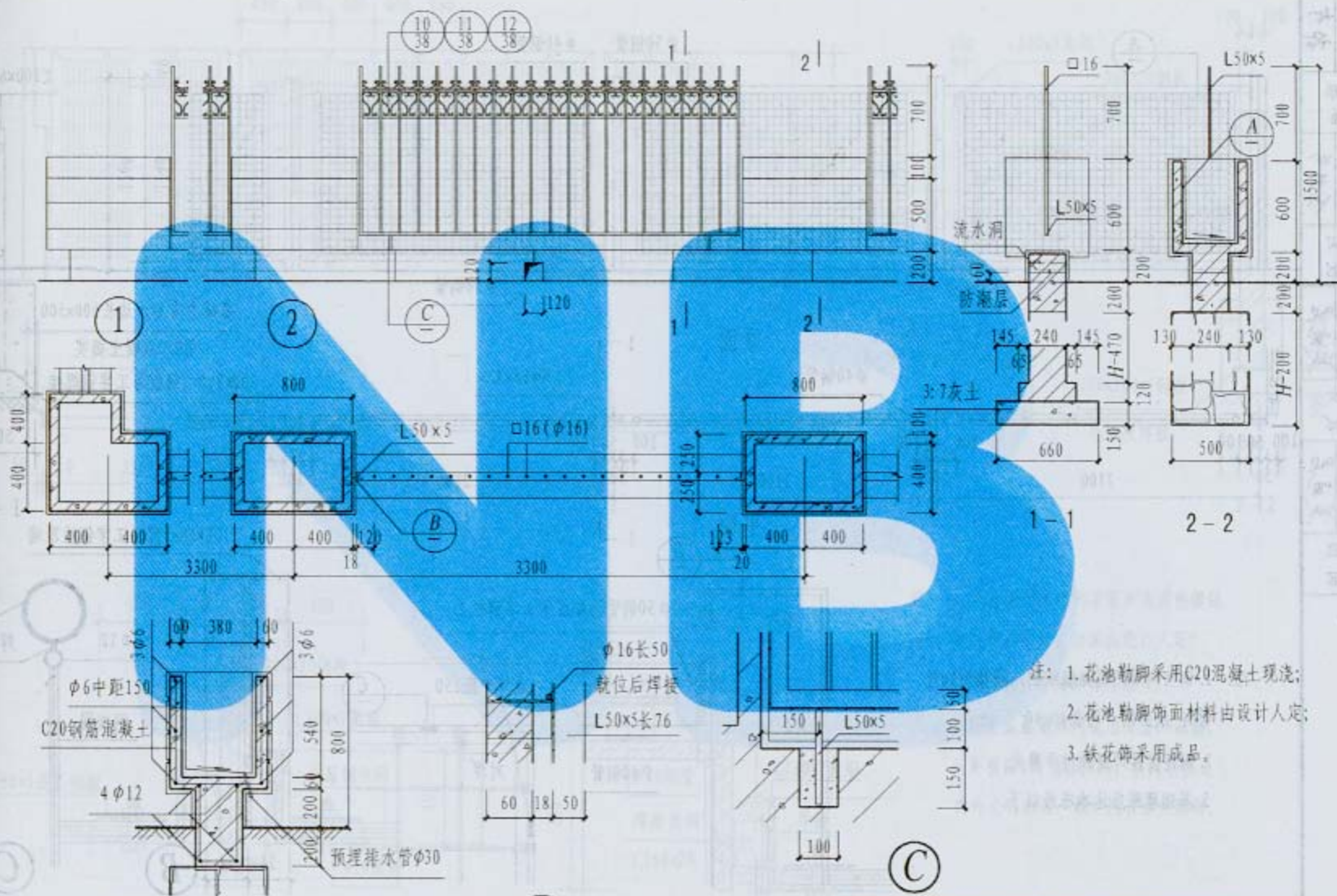


1-1

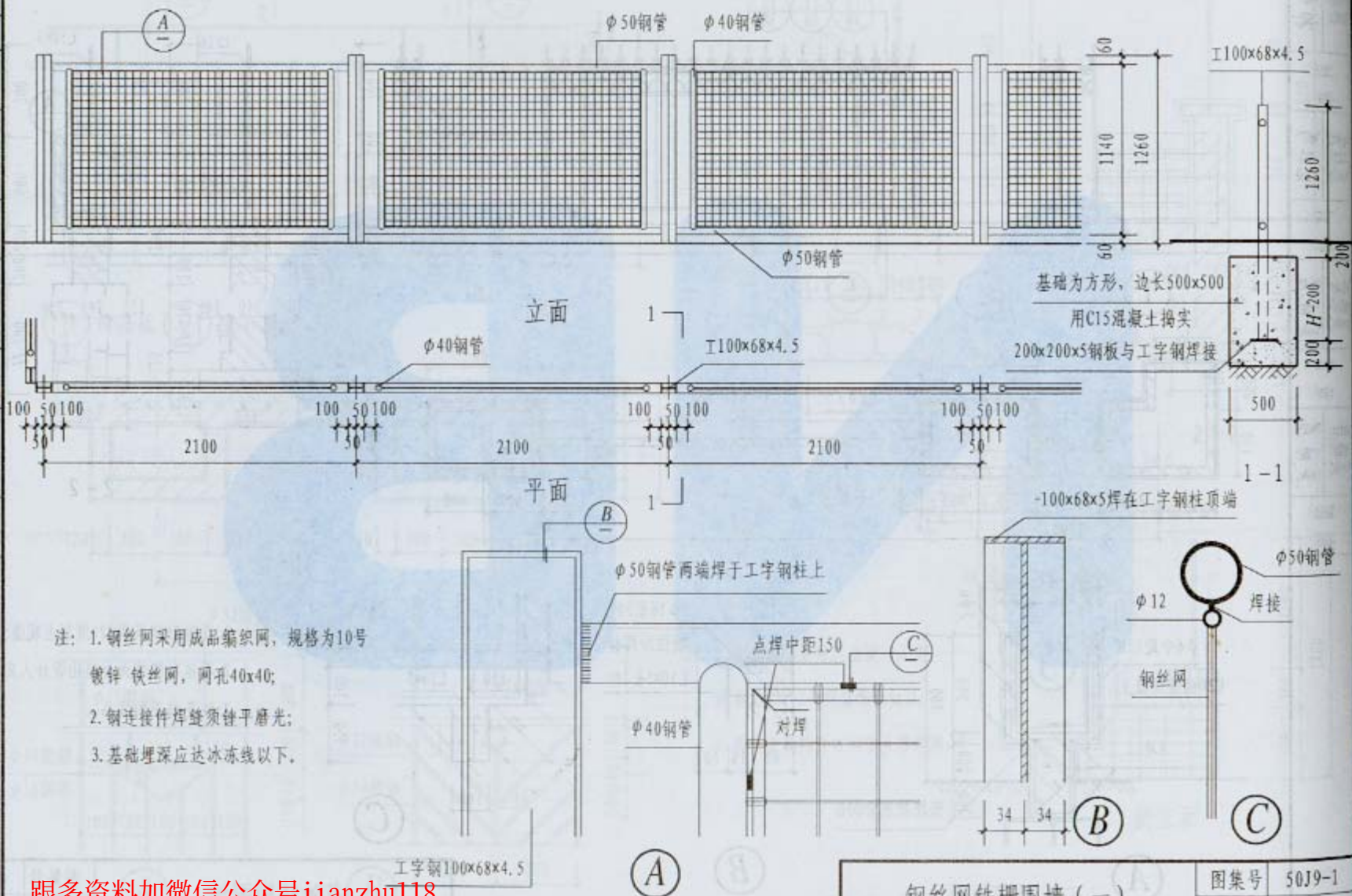


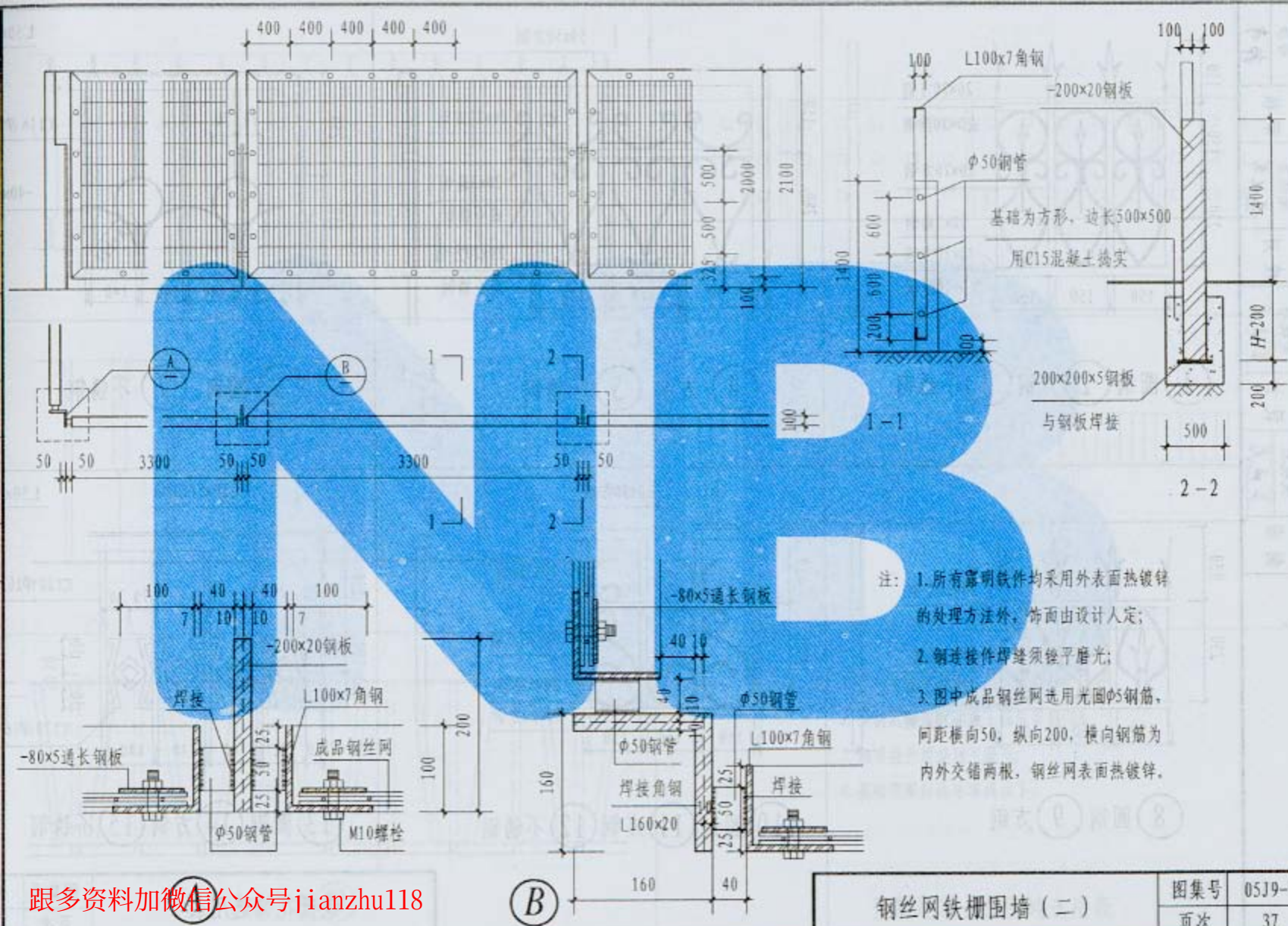
側立面

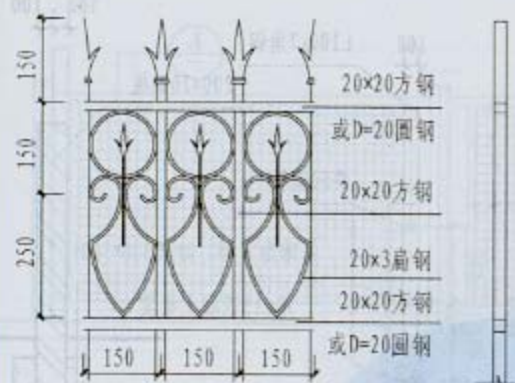
注: 1. 围墙外饰面材料由设计人定,  
或参见05J-9-1围墙饰面做法;  
2. 所有金属构件之间须点焊焊牢。



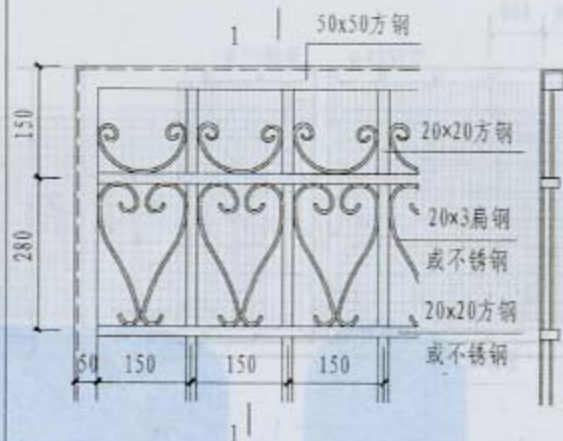
注: 1. 花池铁脚采用C20混凝土现浇;  
2. 花池铁脚饰面材料由设计人定;  
3. 铁花饰采用成品。



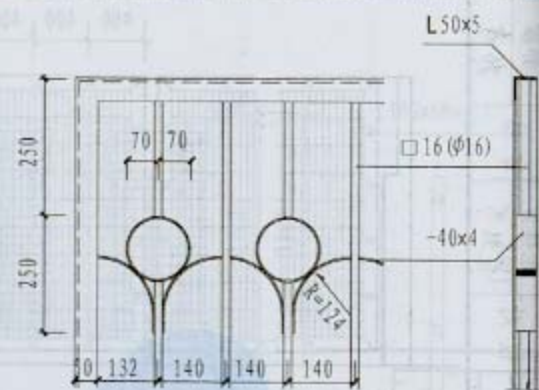




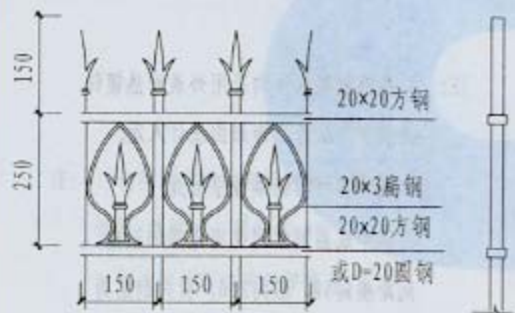
① 圆钢 ② 方钢 ③ 不锈钢



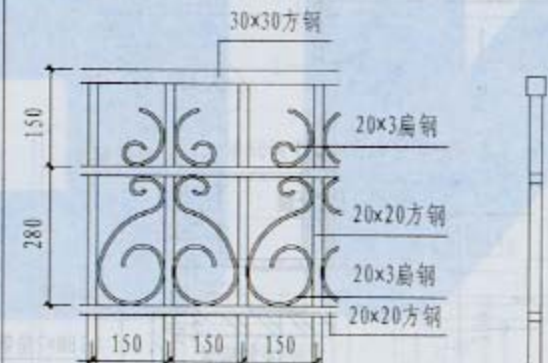
④ 方钢 ⑤ 不锈钢



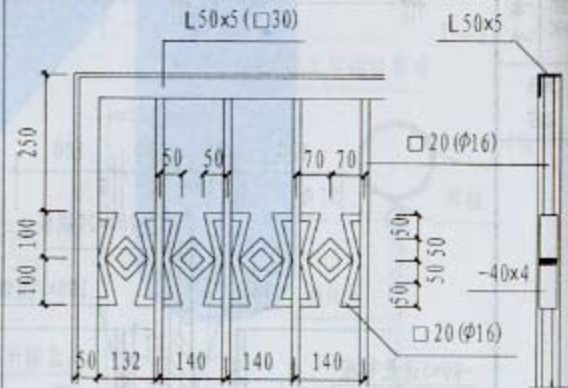
⑥ 圆钢 ⑦ 不锈钢



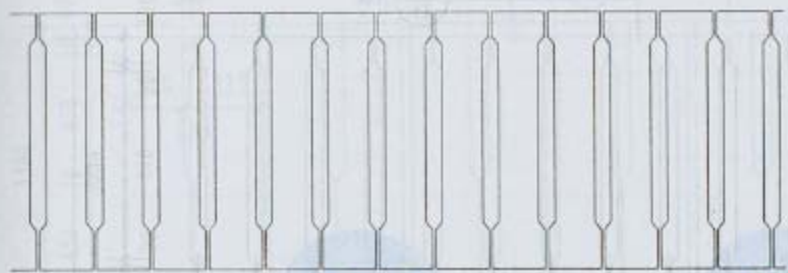
⑧ 圆钢 ⑨ 方钢



⑩ 圆钢 ⑪ 方钢 ⑫ 不锈钢



⑬ 圆钢 ⑭ 方钢 ⑮ 不锈钢



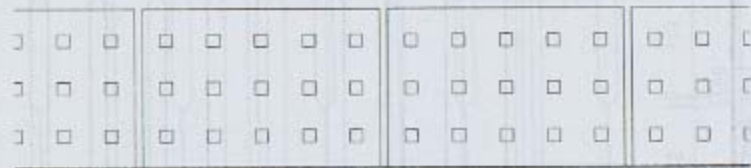
40



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42



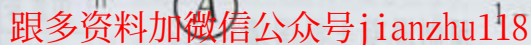
43



44

- 注: 1. 每块预制混凝土板在现场对齐固定好;  
2. 预制混凝土板混凝土强度等级C20;  
3. 钢连接件焊缝锉平磨光;  
4. 基础埋深应达冰冻线以下。

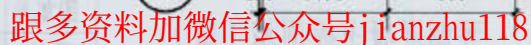




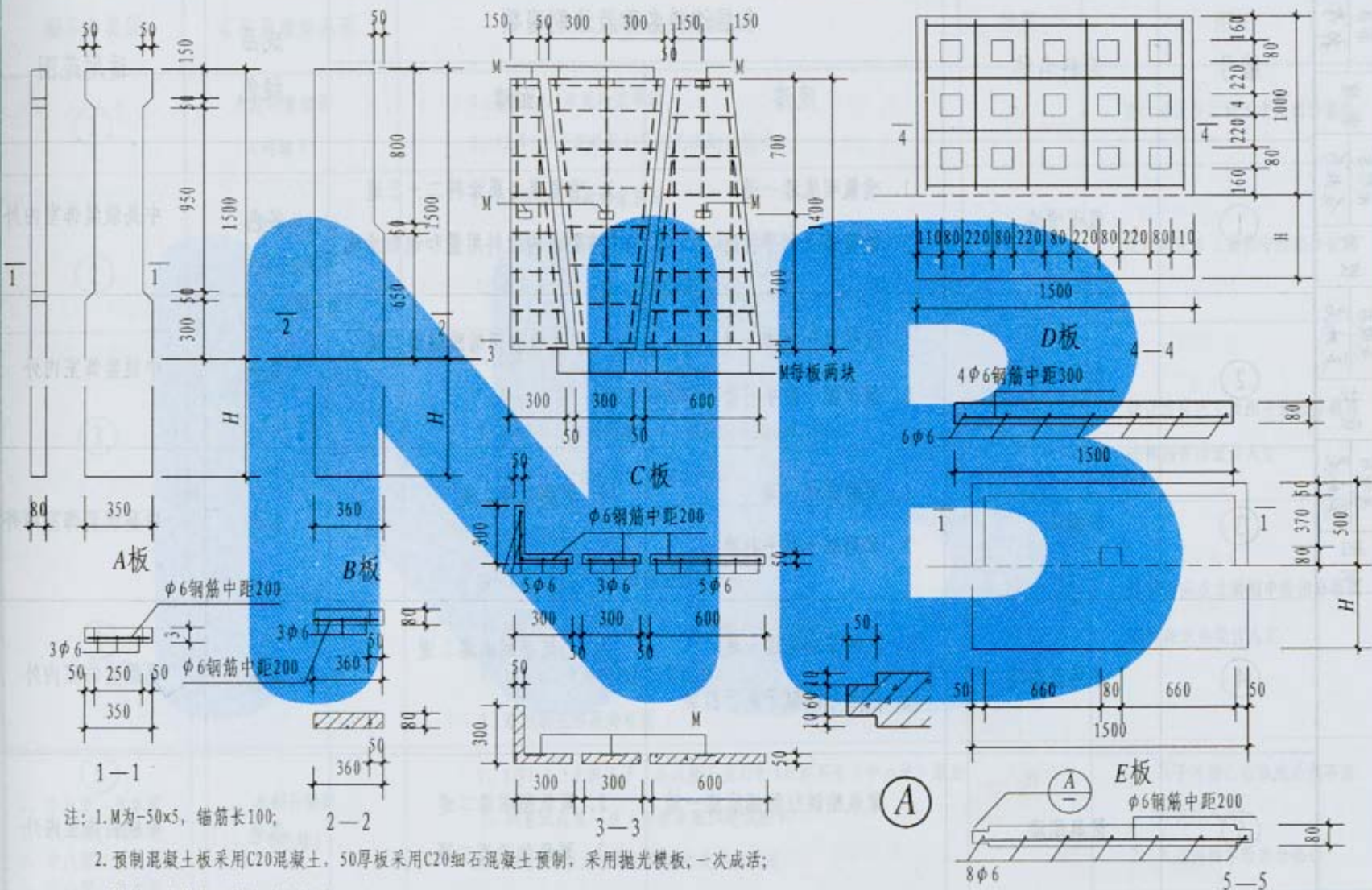
|    |    |
|----|----|
| 页次 | 41 |
|----|----|







|     |        |
|-----|--------|
| 图集号 | 05J9-1 |
| 页次  | 44     |



| 编号 | 涂料名称  | 各层涂料名称及涂刷遍数                |                                  | 成品颜色 | 适用范围     |
|----|-------|----------------------------|----------------------------------|------|----------|
|    |       | 底漆                         | 面漆                               |      |          |
| ①  | 氟碳喷漆  | 1、喷氟碳底漆一道<br>2、氟碳腻子刮平打磨    | 3、喷氟碳金属涂料二~三道<br>(按要求的涂料用量和遍数涂刷) | 各色   | 中高级装饰室内外 |
| ②  | 氯化橡胶漆 | 1、铁红氯化底漆一道<br>2、氯化腻子刮平打磨   | 3、氯化橡胶丙烯酸磁漆二道                    | 各色   | 中级装饰室内外  |
| ③  | 聚酯漆   | 1、聚酯底漆一道<br>2、聚酯腻子刮平打磨     | 3、聚酯磁漆二道                         | 各色   | 中高级装饰室内外 |
| ④  | 乙烯基酯漆 | 1、乙烯基酯底漆一道<br>2、乙烯基酯腻子刮平打磨 | 3、乙烯基酯磁漆二道                       | 各色   | 高级装饰室内外  |
| ⑤  | 聚氨酯漆  | 1、聚氨酯铁红防锈底漆一道              | 2、聚氨酯磁漆二道<br>3、聚氨酯清漆二道           | 各色   | 中级装饰室内外  |

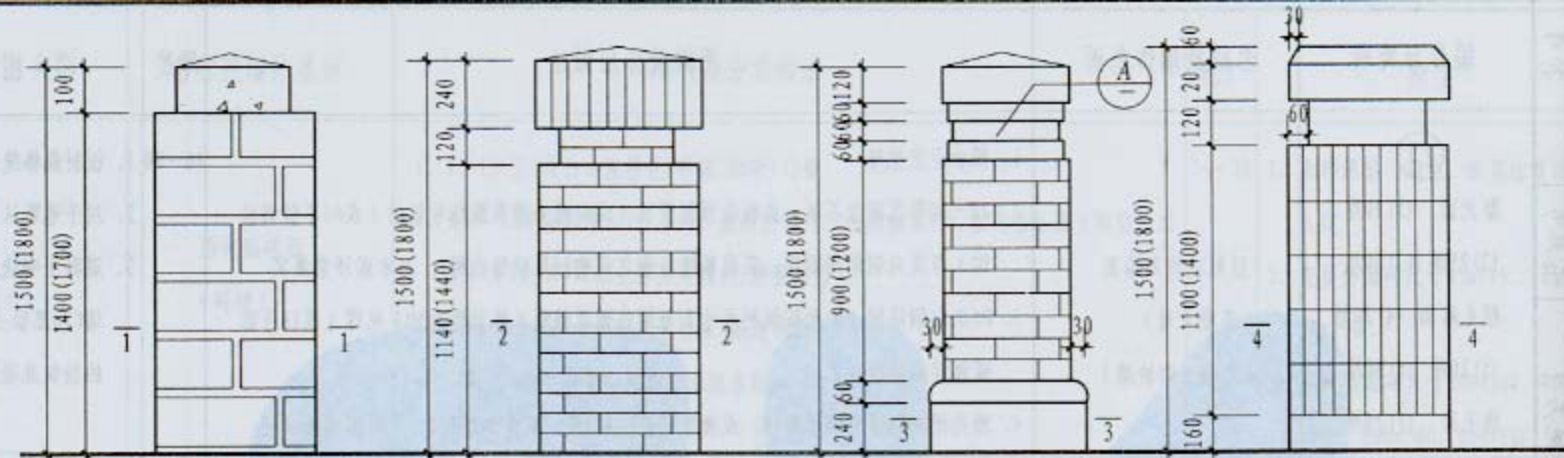
| 编号与类别 | 名称及墙体基面                      | 用料及分层做法                                                                                          | 厚度 | 附注                                   |
|-------|------------------------------|--------------------------------------------------------------------------------------------------|----|--------------------------------------|
| ①     | 水泥砂浆墙面<br>(砖墙)               | 1、6厚1:2.5水泥砂浆罩面<br>2、12厚1:3水泥砂浆打底扫毛或划出纹道                                                         | 18 | 设计时应在立面图中绘出分格线                       |
| ②     | 水泥砂浆墙面<br>(混凝土墙)<br>(混凝土砌块墙) | 1、6厚1:2.5水泥砂浆罩面<br>2、12厚1:3水泥砂浆打底扫毛或划出纹道<br>3、刷素水泥浆一道(掺建筑胶)                                      | 18 | 设计时应在立面图中绘出分格线                       |
| ③     | 涂料墙面<br>(砖墙)                 | 1、涂料层面<br>2、1:0.2水泥、砂、建筑胶涂拉毛面层<br>3、6厚1:2.5水泥砂浆抹平,表面扫毛或划出纹道<br>4、12厚1:3水泥砂浆打底搓出麻面                | 20 | 设计时应在立面图中绘出分格线<br>涂料颜色由设计人定          |
| ④     | 涂料墙面<br>(混凝土墙)<br>(混凝土砌块墙)   | 1、涂料层面<br>2、1:0.2水泥、砂、建筑胶涂拉毛面层<br>3、6厚1:2.5水泥砂浆抹平,表面扫毛或划出纹道<br>4、12厚1:3水泥砂浆打底搓出麻面<br>5、刷混凝土界面处理剂 | 21 | 设计时应在立面图中绘出分格线<br>涂料颜色由设计人定          |
| ⑤     | 水刷石墙面<br>(砖墙)                | 1、8厚1:1.5水泥石子(小八厘)或1:2.5水泥石子(中八厘)罩面<br>3、刷素水泥浆一道(内掺水重5%建筑胶)<br>2、12厚1:3水泥砂浆打底扫毛或划出纹道             | 21 | 1、石子可用白石渣或彩色石渣,由设计人定<br>2、在立面图重绘出分格线 |

| 编号与类别                                                           | 名称及墙体基面                     | 用料及分层做法                                                                                                               | 厚度 | 附注                                      |
|-----------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------|
| <b>⑥</b><br>1、小八厘，普通水泥<br>2、小八厘，普通水泥<br>3、中八厘，普通水泥<br>4、中八厘，白水泥 | 水刷石墙面<br>(混凝土墙)<br>(混凝土砌块墙) | 1、8厚1:1.5水泥石子(小八厘)或8厚1:2.5水泥石子(中八厘)罩面<br>2、刷素水泥浆一道(内掺水重5%的水泥胶)<br>3、6厚1:0.5:3水泥石膏砂浆打底扫毛或划出纹道<br>4、刷素水泥浆一道(内掺水重5%的水泥胶) | 15 | 1、石子可用白石渣或彩色石渣，由设计人定<br>2、在立面图重绘出分格线    |
| <b>⑦</b><br>1、普通水泥<br>2、白水泥                                     | 剁斧石墙面<br>(砖墙)               | 1、剁斧斩毛两遍成活<br>2、10厚1:2水泥石子(米粒石内掺30%石屑)罩面赶平压实<br>3、刷素水泥浆一道(内掺水重5%的建筑胶)<br>4、12厚1:3水泥砂浆打底扫毛或划出纹道                        | 23 | 水泥石子颜色由设计人定，并在立面图中绘出分格线                 |
| <b>⑧</b><br>1、普通水泥<br>2、白水泥                                     | 剁斧石墙面<br>(混凝土墙)<br>(混凝土砌块墙) | 1、剁斧斩毛两遍成活<br>2、10厚1:2水泥石子(米粒石内掺30%石屑)罩面赶平压实<br>3、刷素水泥浆一道(内掺水重5%的建筑胶)<br>4、12厚1:3水泥砂浆打底扫毛或划出纹道                        | 23 | 水泥石子颜色由设计人定，并在立面图中绘出分格线                 |
| <b>⑨</b>                                                        | 仿石涂料墙面<br>(砖墙)              | 1、仿石面涂料<br>2、仿石底涂料<br>3、刷封底涂料增强粘结力<br>4、6厚1:2.5水泥砂浆找平<br>5、12厚1:3水泥砂浆打底扫毛或划出纹道                                        | 21 | 1、涂料颜色由设计人定，并在施工图中说明<br>2、面层外也可加一道单面防水层 |

| 编号与类别     | 名称及墙体基面                            | 用料及分层做法                                                                                                                                                               | 厚度    | 附注                                                                            |
|-----------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------|
| ⑩         | 仿石涂料墙面<br>(混凝土墙)<br>(混凝土砌块墙)       | 1、仿石面涂料<br>2、喷仿石底涂料<br>3、着色剂<br>4、刷封底涂料增强粘结力<br>5、12厚1:0.2:2水泥石灰膏砂浆找平<br>6、刷素水泥浆一道(内掺水重5%的建筑胶)<br>7、5厚1:0.5:3水泥石灰膏砂浆打底扫毛<br>8、刷一道YJ-302型混凝土界面处理剂(随刷随抹底灰)或YJ-303拉毛处理一道 | 20    | 1、涂料颜色由设计人定,并在施工图中注明<br>2、面层外也可加一道罩面防水剂                                       |
| ⑪         | 弹涂涂料墙面<br>(砖墙)                     | 1、有机硅憎水剂(视涂料要求)<br>2、弹涂配色点浆1:0.4:0.1水泥、水、建筑胶加颜料<br>3、配色底浆1:0.9:0.2水泥、水、建筑胶加颜料<br>4、6厚1:2.5水泥砂浆抹平,表面扫毛或划出纹道<br>5、12厚1:3水泥砂浆打底搓出麻面                                      | 23    | 设计时应在立面图中绘出分格线<br>涂料颜色由设计人定                                                   |
| ⑫         | 弹涂涂料墙面<br>(混凝土墙)<br>(混凝土砌块墙)       | 1、有机硅憎水剂(视涂料要求)<br>2、弹涂配色点浆1:0.4:0.1水泥、水、建筑胶加颜料<br>3、配色底浆1:0.9:0.2水泥、水、建筑胶加颜料<br>4、6厚1:2.5水泥砂浆抹平,表面扫毛或划出纹道<br>5、12厚1:3水泥砂浆打底搓出麻面<br>6、刷混凝土界面处理剂                       | 23    | 设计时应在立面图中绘出分格线<br>涂料颜色由设计人定                                                   |
| ⑬         | 艺术墙面<br>(砖墙)<br>(混凝土墙)<br>(混凝土砌块墙) | 1、4厚彩色强化剂渗透强化处理,系统模具烧筑纹理,密封面层<br>2、按设计要求厚度浇筑C20混凝土,振捣成型<br>3、预埋钢筋网挂灰<br>4、砌块墙或混凝土墙                                                                                    | 按设计要求 | 1、艺术墙面系统有8种颜色可供选择<br>2、在原有墙面制作艺术墙面系统时,其纹理最薄处根据模具的不同而定<br>3、拉结筋直径、间距根据艺术墙面厚度另定 |
| 围墙饰面做法(三) |                                    |                                                                                                                                                                       |       | 图集号 05J9-1<br>页次 49                                                           |

| 编号与类别                                                                                            | 名称及墙体基面                     | 用料及分层做法                                                                                                                                                                                             | 厚度    | 附注                                                                                                     |
|--------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------|
| 14                                                                                               | 彩色釉砖面<br>(砖墙)               | 1、1:1水泥(或白水泥掺色)砂浆(细砂)勾缝<br>2、贴6~10厚彩釉砖面(仿石砖、瓷质外墙砖、金属釉面砖),在砖粘贴面上随贴随涂刷一遍YJ-302混凝土界面处理剂,增强粘结力<br>3、6厚1:0.2:2.5水泥石灰膏砂浆(掺建筑胶)<br>4、12厚1:3水泥砂浆打底扫毛或划出纹道                                                   | 24~28 | 1、面砖规格、颜色、缝宽由设计人定<br>2、瓷质外墙砖尺寸45×195、50×230、60×230<br>3、金属釉面砖尺寸300×300、400×400、400×600、500×500、600×600 |
| 15                                                                                               | 彩色釉砖面<br>(混凝土墙)<br>(混凝土砌块墙) | 1、1:1水泥(或白水泥掺色)砂浆(细砂)勾缝<br>2、贴6~10厚彩釉砖面(仿石砖、瓷质外墙砖、金属釉面砖),在砖粘贴面上随贴随涂刷一遍YJ-302混凝土界面处理剂,增强粘结力<br>3、6厚1:0.2:2.5水泥石灰膏砂浆(掺建筑胶)<br>4、刷素水泥浆一道(内掺水重5%的建筑胶)<br>5、12厚1:3水泥砂浆打底扫毛或划出纹道<br>6、12厚1:3水泥砂浆打底扫毛或划出纹道 | 18~22 | 1、面砖规格、颜色、缝宽由设计人定<br>2、瓷质外墙砖尺寸45×195、50×230、60×230<br>3、金属釉面砖尺寸300×300、400×400、400×600、500×500、600×600 |
| 16<br>磨光面 (1)20厚<br>(2)25厚 (3)30厚<br>粗毛麻面 (4)20厚<br>(5)20厚 (6)30厚<br>烧毛面 (7)20厚<br>(8)25厚 (9)30厚 | 挂贴花岗石墙面<br>(砖墙)             | 1、稀水泥浆擦缝<br>2、20~30厚花岗石板,由背面预留穿孔(或勾槽)穿双股18号铜丝(或φ4不锈钢挂钩)与双向钢筋网固定,花岗石板与砖墙之间的50厚空隙层内用1:2.5水泥砂浆灌浆<br>3、φ6双向钢筋网(中距按板材尺寸)与墙内预埋钢筋(伸出墙面50)电焊(或18号低碳镀锌钢丝绑扎)<br>4、墙内预埋φ8钢筋,伸出墙面50,横向上中距700或按板材尺寸,竖向上中距每10皮砖   | 70~80 | 1、板材规格缝宽颜色由设计人定<br>2、用于地震区时应考虑抗震措施                                                                     |

| 编号与类别                                                                                                    | 名称及墙体基面                                  | 用料及分层做法                                                                                                                                                                                                                                                                                                     | 厚度    | 附注                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| ⑪<br>磨光面 (1) 20厚<br>(2) 25厚 (3) 30厚<br>粗毛麻面 (4) 20厚<br>(5) 20厚 (6) 30厚<br>烧毛面 (7) 20厚<br>(8) 25厚 (9) 30厚 | 挂贴花岗石墙面<br>(混凝土墙)<br>(混凝土砌块墙)            | 1、稀水泥浆擦缝<br>2、20~30厚花岗石面板,由板背预留穿孔(或勾槽)穿双股18号铜丝(或 $\phi 4$ 不锈钢挂钩)与双向钢筋网固定,花岗石板与墙之间的50厚空隙内用1:2.5水泥砂浆灌实<br>3、 $\phi 6$ 双向钢筋网(中距按板材尺寸)与墙内预埋钢筋(伸出墙面50)电焊(或18号低合金镀锌铁丝绑扎)<br>4、墙内埋 $\phi 8$ 钢筋伸出墙面50,或预埋50 $\times$ 50 $\times$ 4钢板,双向中距700,(采用预埋钢板时,由钢板上焊 $\phi 8$ 钢筋与双向钢筋网固定)                                    | 70~80 | 1、板材规格缝宽颜色由设计人定<br>2、用于地震区时应考虑抗震措施<br>3、混凝土砌块墙预埋钢板时,应填C20混凝土,或砌入预埋钢板的预制混凝土块                                                                   |
| ⑫<br>干挂磨光花岗石板墙面<br>(砖墙)<br>(混凝土墙)<br>(混凝土砌块墙)                                                            | 干挂磨光花岗石板墙面<br>(砖墙)<br>(混凝土墙)<br>(混凝土砌块墙) | 1、25厚磨光花岗石板,上下边钻销孔,长方形板横排时钻2个孔,竖排时钻1个孔,孔孔径 $\phi 5$ ,安装时孔内先填云石胶,再插入 $\phi 4$ 不锈钢销钉,固定于4厚钢板托上,石板两侧开4宽80高4槽,填胶后,用3厚50宽燕尾钢板勾住石板(燕尾钢板各勾住一块石板)石板四周接缝宽6~8用弹性密封胶(如793耐候胶)填严钢板托和燕尾钢板均为用 $\phi 5$ 螺栓固定于竖向角钢龙骨上<br>2、L60 $\times$ 6竖向角钢龙骨(根据石板大小调整角钢尺寸)中距为石板宽度+缝宽<br>3、角钢龙骨距墙10,焊于墙内预埋的角钢龙骨头上(或在墙内预埋钢板,然后用角钢焊连竖向角钢龙骨) | 120   | 1、混凝土砌块墙预埋钢板时应用C20细石混凝土填实<br>2、所有角钢、钢板均应先热镀锌或刷防锈漆<br>3、连接板、钢板托均应设椭圆孔,便于调整<br>4、销钉、钢板托、角钢龙骨连接件等视石板的规格大小,调整其截面尺寸,使石板安装后横平竖直<br>5、花岗石板正背面及四周刷防锈剂 |



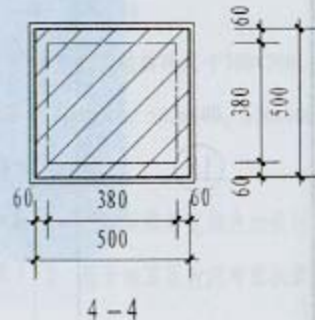
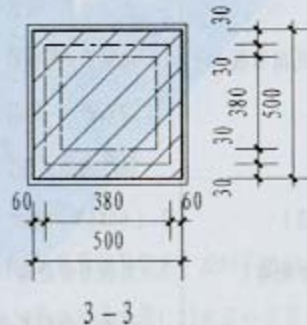
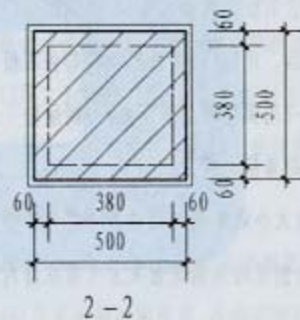
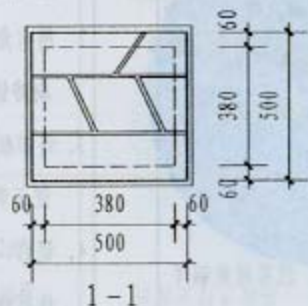
① H=1500 ② H=1800 ③ H=1500 ④ H=1800 ⑤ H=1500 ⑥ H=1800 ⑦ H=1500 ⑧ H=1800

(基础做法采用  $\frac{1-3}{56}$ )

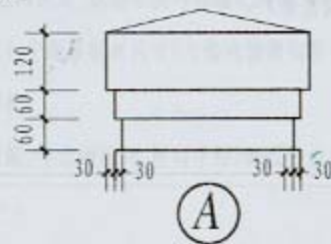
(基础做法采用  $\frac{1-3}{56}$ )

(基础做法采用  $\frac{1-3}{56}$ )

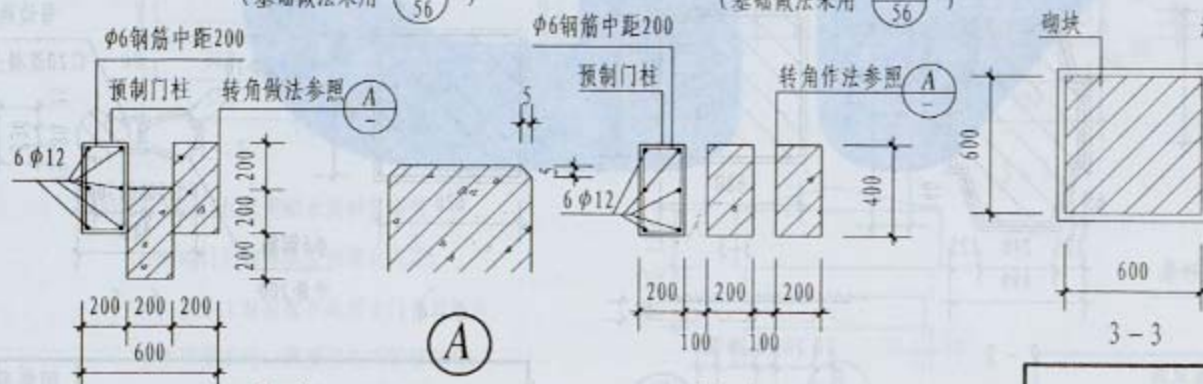
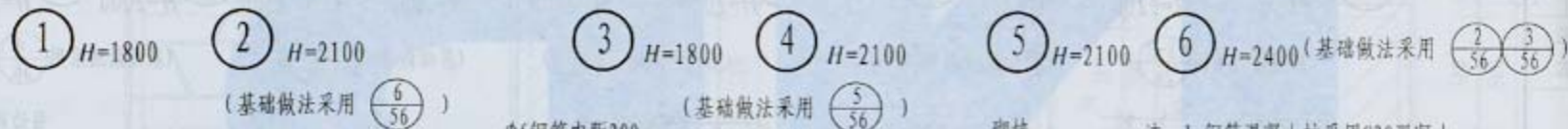
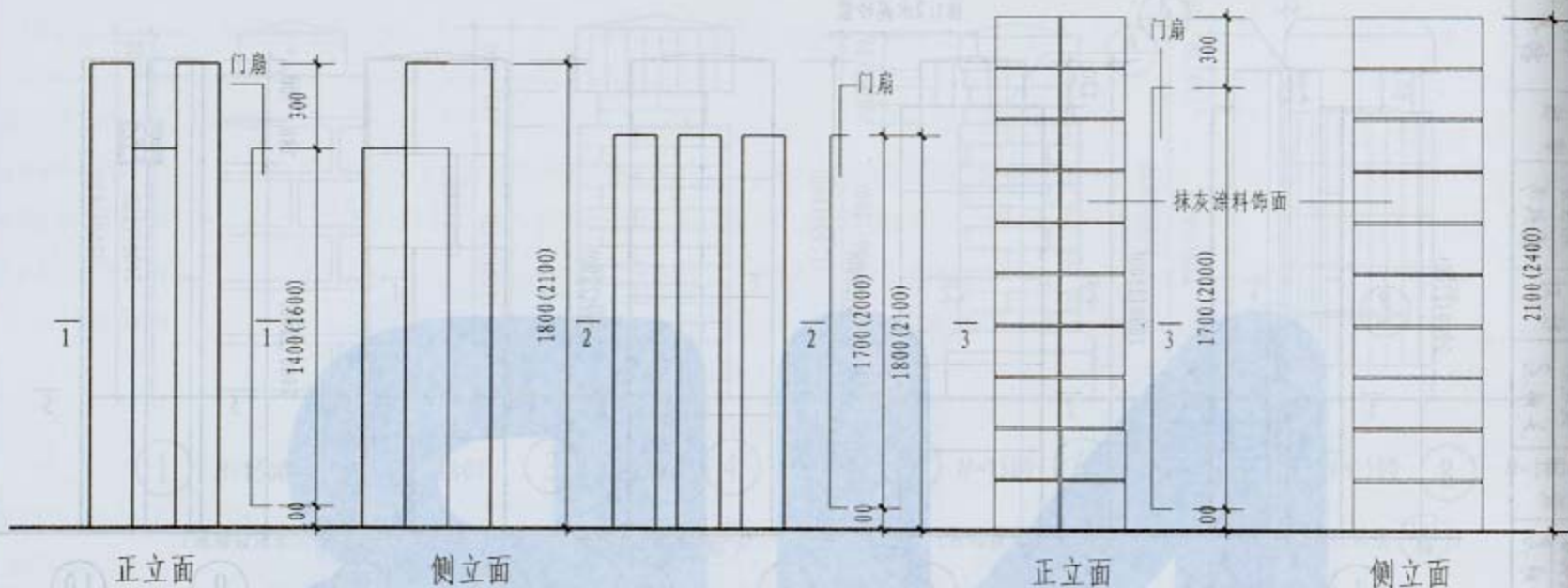
(基础做法采用  $\frac{1-3}{56}$ )



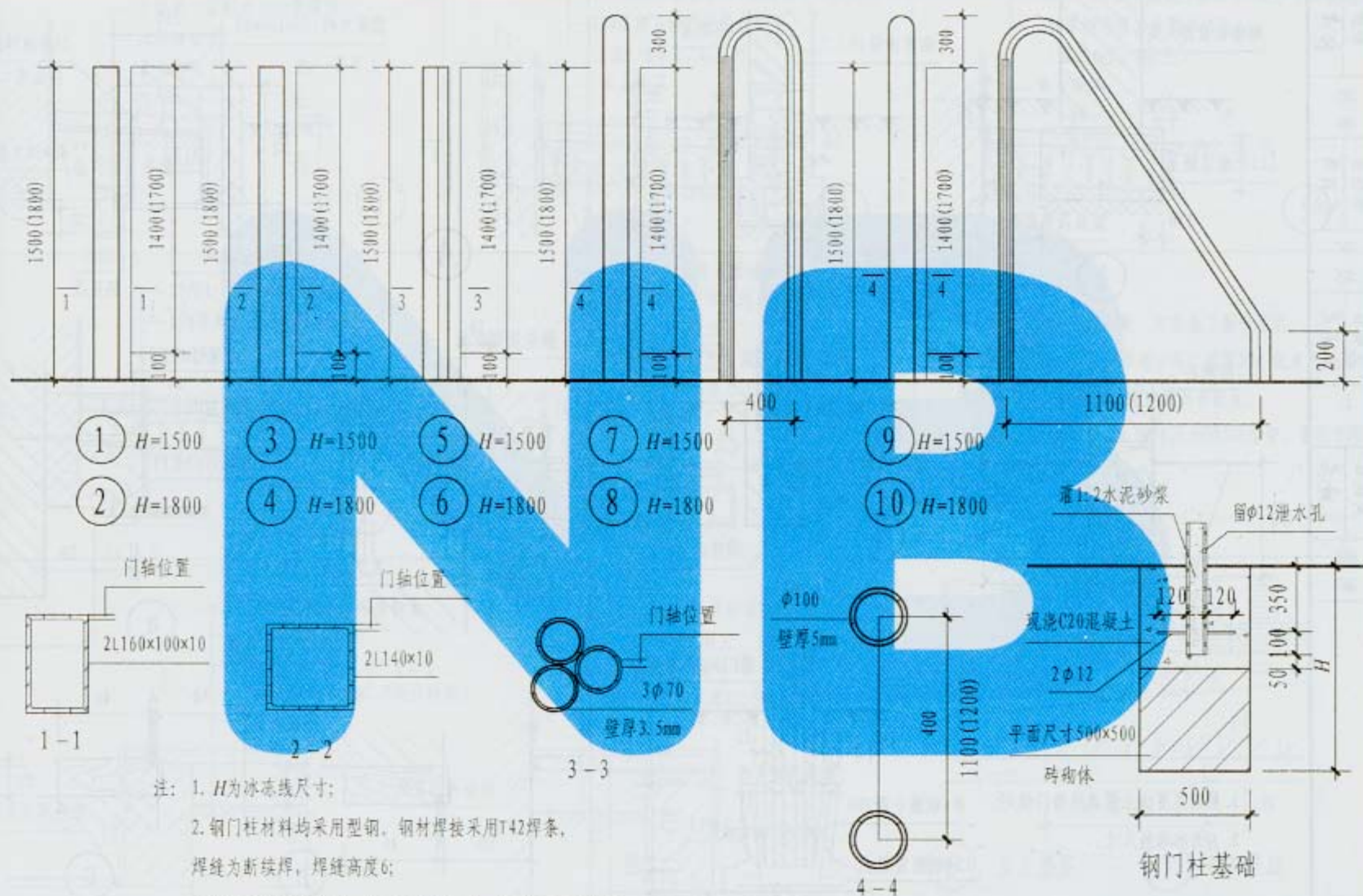
- 注: 1. 毛石门柱采用M5水泥砂浆砌筑;  
2. 砌体门柱砌体类型由设计人定;  
3. 门柱施工时应配合选用大门预埋铁件;  
有照明要求时, 须预埋电线管接线盒;

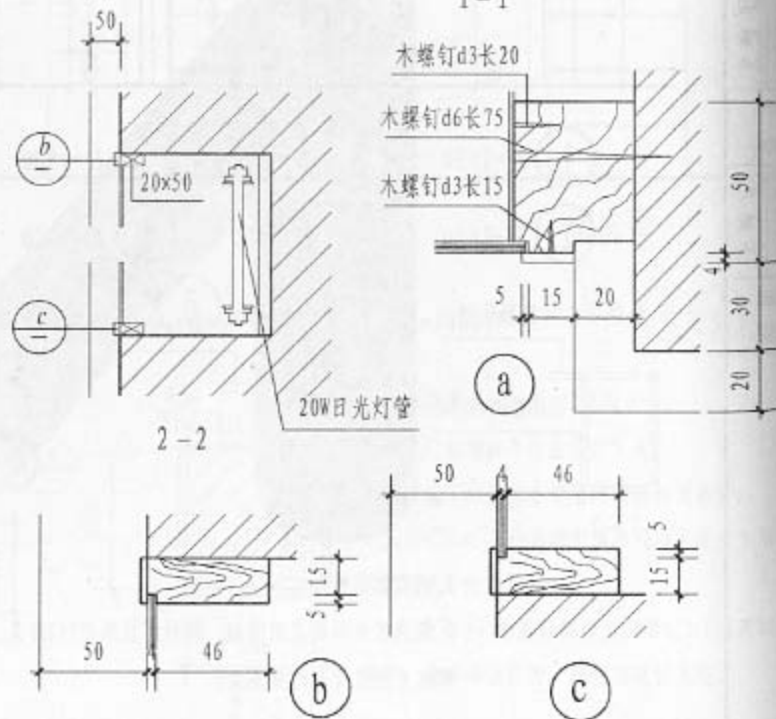
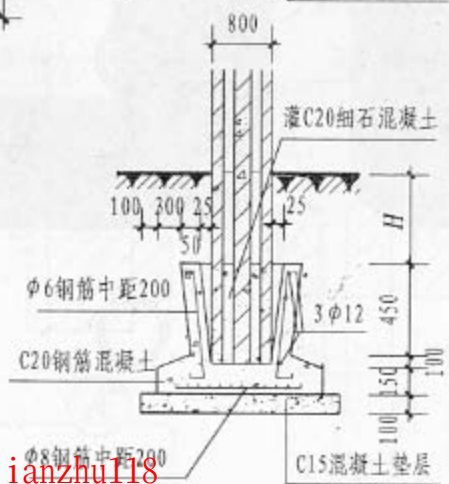
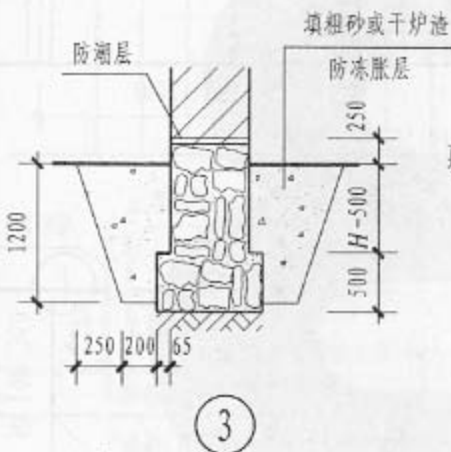
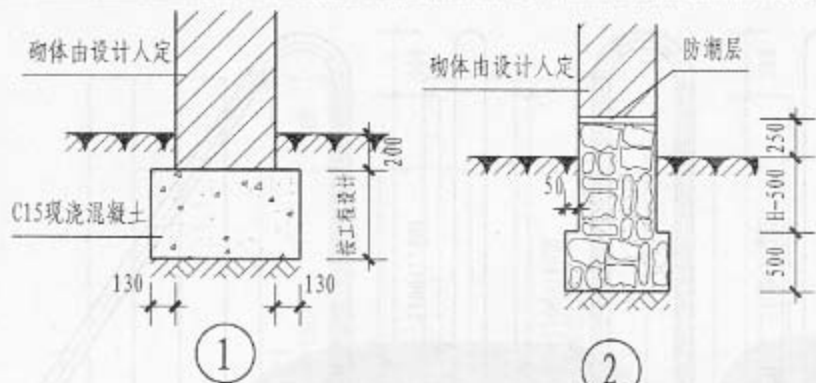


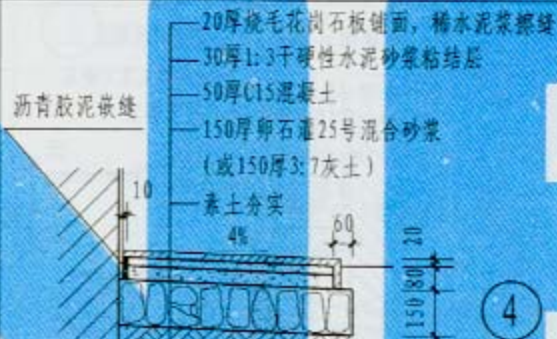
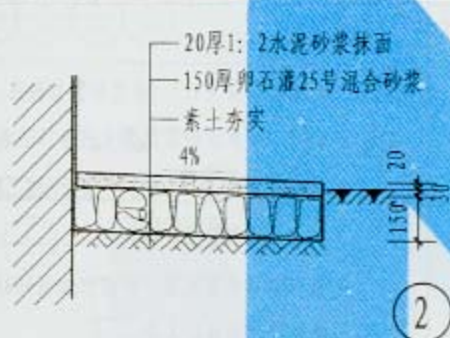
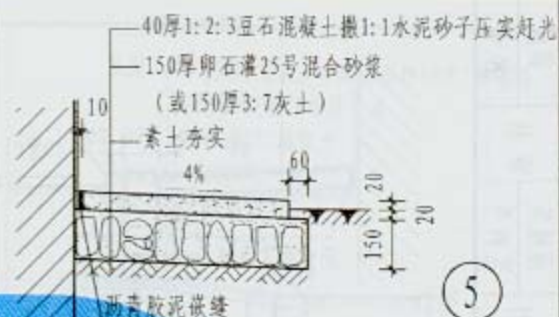
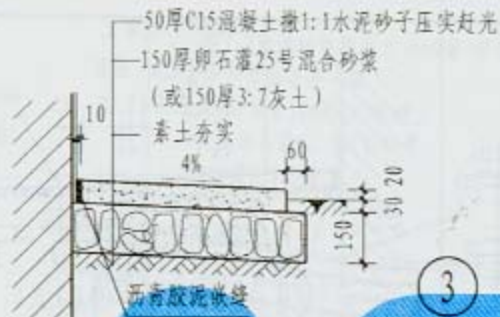
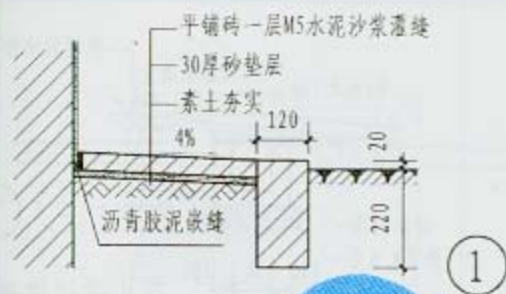




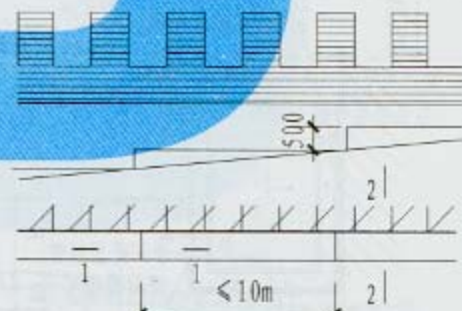
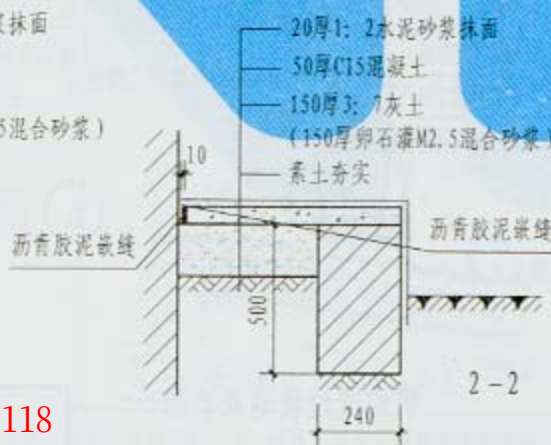
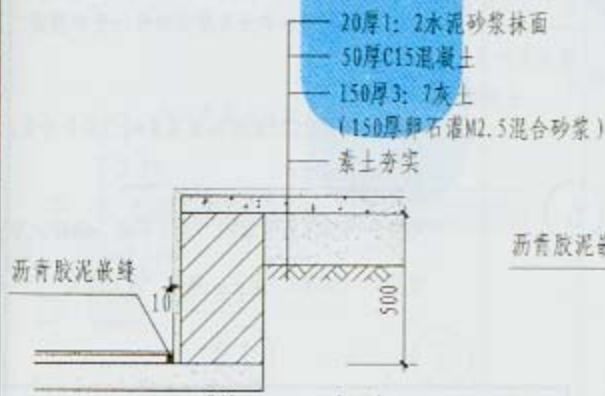
- 注: 1. 钢筋混凝土柱采用C20混凝土;  
2. 砌块门柱砌块类型由设计人定;  
3. 门柱施工时应配合选用大门图预埋铁件;  
4. 大样①~④外饰面为清水混凝土或涂外墙涂料颜色作法由设计人定;  
5. 大样⑤~⑥外表面饰面为20厚1:2.5水泥砂浆抹平, 涂料饰面品种、颜色由设计人定。



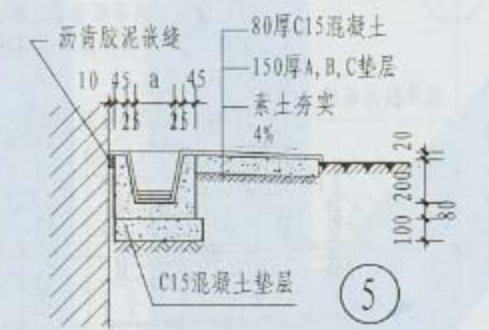
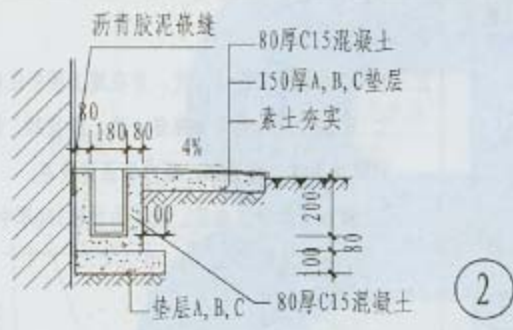
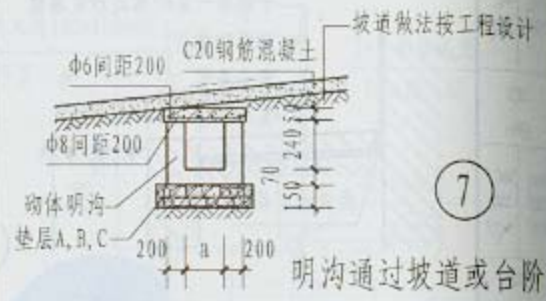
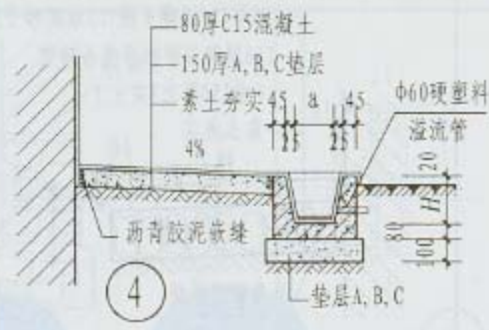
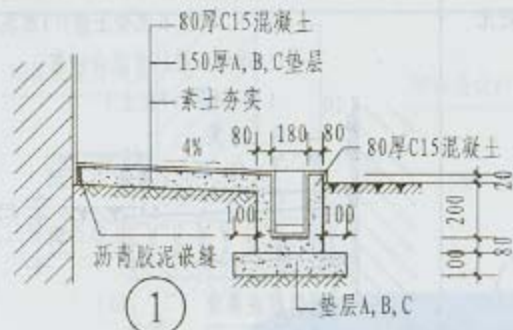




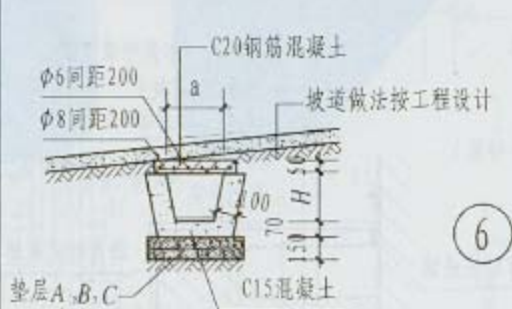
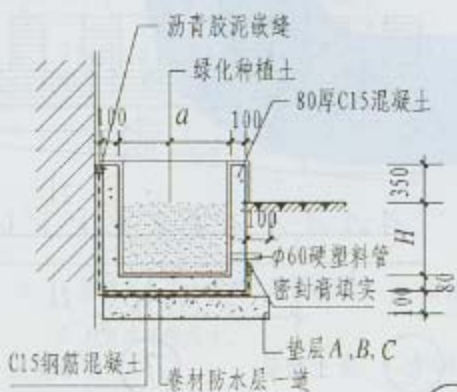
- 注: 1. 散水宽度由设计人定, 并在施工图中注明;  
2. 散水每隔6m需设伸缩缝一道, 缝宽20, 散水与外墙间设通长缝, 缝宽10, 缝内填沥青胶泥;  
3. 散水下如设防冻层, 做法为加铺300厚中, 需在工程设计中说明。



6 灰土垫层 7 卵石垫层



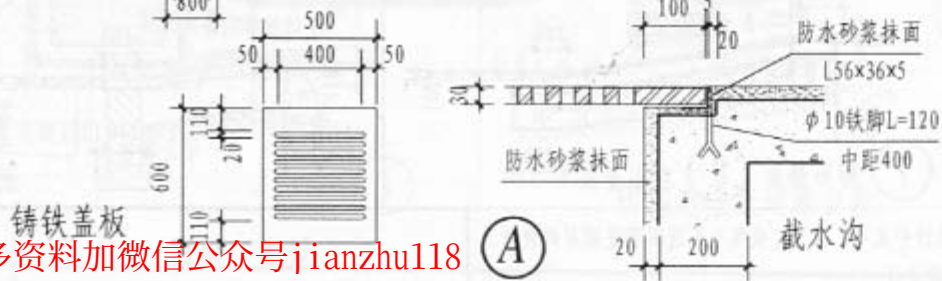
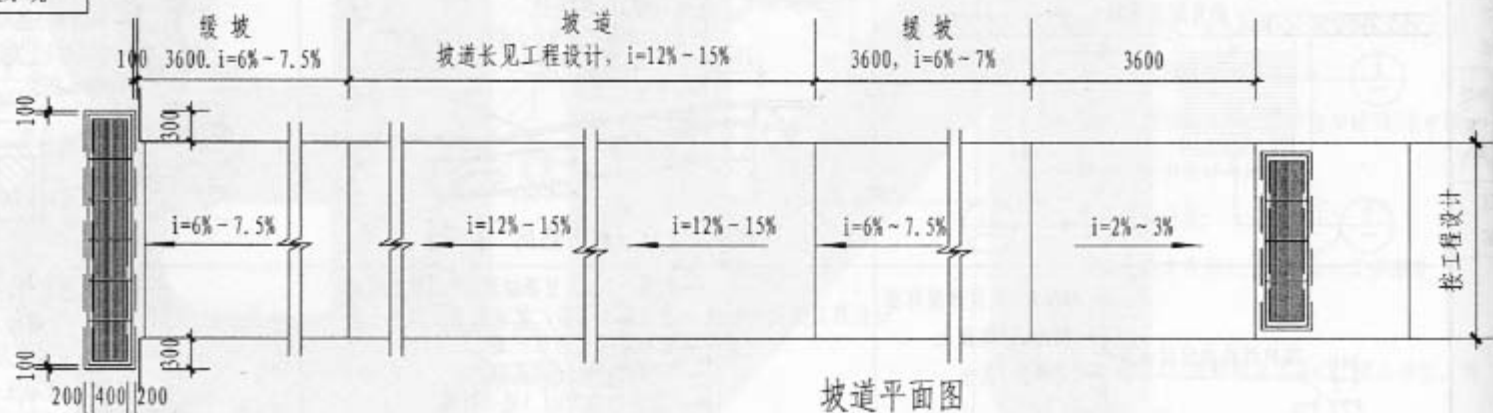
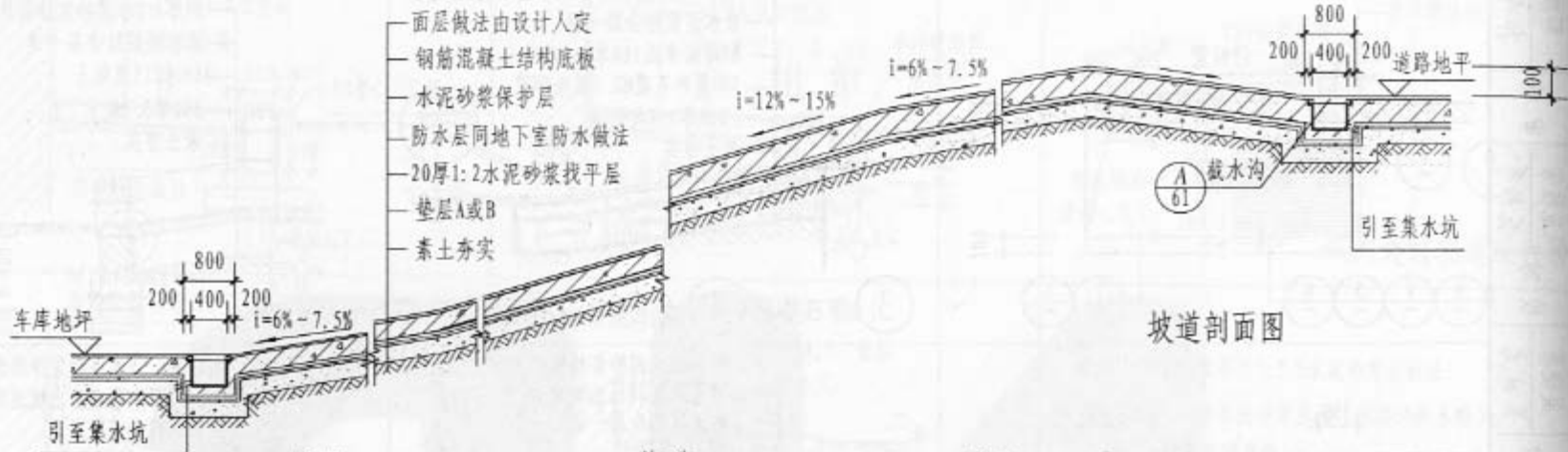
- 注：排水沟面层为1:2.5水泥砂浆面做法：  
1.5厚1:2.5水泥砂浆抹面（内掺5%防水粉）；  
2.排水沟宽度（ $a \leq 300$ ），深度H按工程设计；  
3.排水沟纵向坡度 $i=1\%$ ；  
4.散水下如设防冻层，作法为加铺300厚中砂；  
5.散水宽度由设计人定；  
6.垫层做法分类；  
7.混凝土排水沟沿长度方向每6m设伸缩缝



明沟通过坡道或台阶

明沟散水、绿化散水

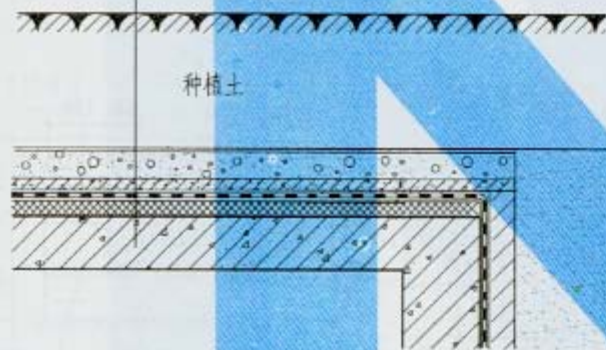




- 注: 1. 严寒地区于垫层下增加300厚防冻砂(中、粗砂);  
2. 垫层做法: A. 卵石垫层: 300厚卵石灌M2.5混合砂浆;  
B. 灰土垫层: 300厚3:7灰土;  
3. 坡道的缓坡坡度应为坡道坡度的1/2.

汽车入地下停车库坡道

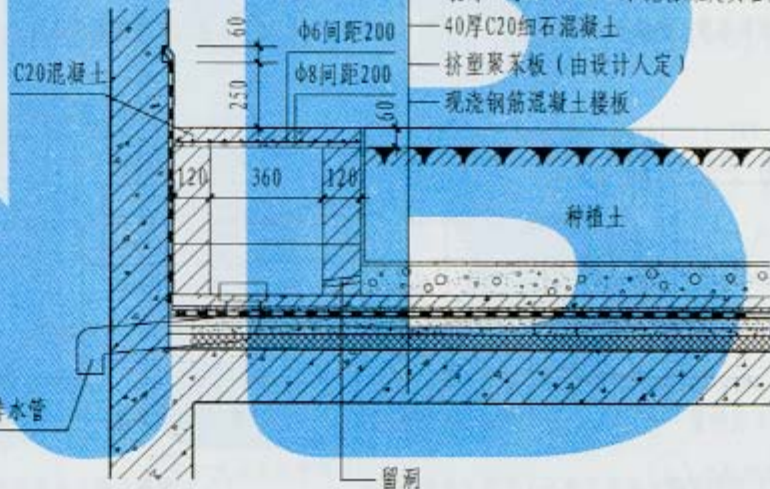
- 种植土 (厚度由设计人定)  $\geq 500$
- 聚酯无纺布滤水层 ( $120\text{g}/\text{m}^2$ )
- 80厚粒径15~20陶粒 (或卵石) 排水层
- 40厚C20钢筋混凝土保护层, 双向 $\phi 6$ 中距150, 每6m设分格缝, 缝内填高分子密封膏
- 3厚纸筋灰隔层
- 防水层 (柔性) 两道, 其中应有一道卷材
- 20厚1:3水泥砂浆找平层
- 最薄30厚1:0.2:3.5水泥粉煤灰页岩陶粒找2%坡
- 40厚C20细石混凝土
- 挤塑聚苯板 (由设计人定)
- 现浇钢筋混凝土地下室底板



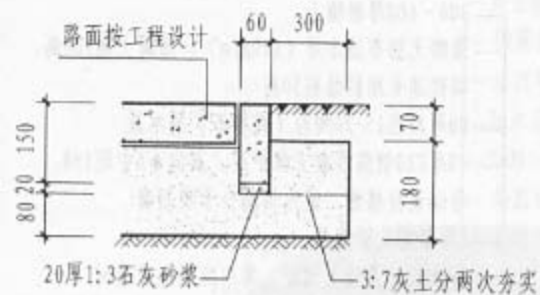
① (屋面低于室外地坪)

说明: 防水层做法及保温层 (聚苯板) 厚度由设计人定。

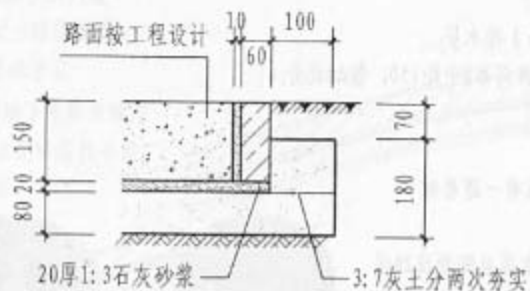
- 300~600厚种植土
- 聚酯无纺布滤水层 ( $120\text{g}/\text{m}^2$ ), 四周上翻100高, 端部通长用粘结剂50高
- 80厚粒径15~20陶粒 (或卵石) 排水层
- 40厚C20钢筋混凝土保护层, 双向 $\phi 6$ 中距150, 每6m设分格缝, 缝内填高分子密封膏
- 3厚纸筋灰隔层
- 防水层 (柔性) 两道, 其中应有一道卷材
- 20厚1:3水泥砂浆找平层
- 最薄30厚1:0.2:3.5水泥粉煤灰页岩陶粒找2%坡
- 40厚C20细石混凝土
- 挤塑聚苯板 (由设计人定)
- 现浇钢筋混凝土楼板



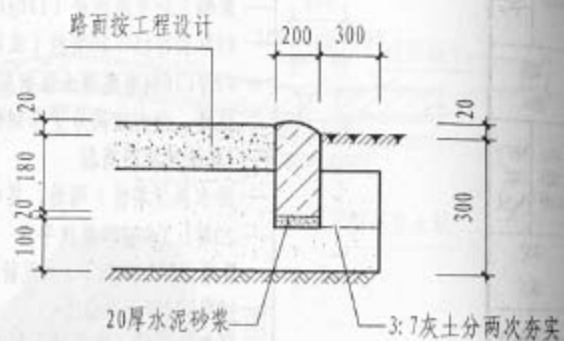
② (屋面高于室外地坪)



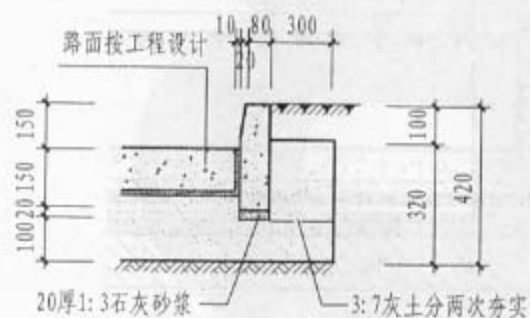
① 预制混凝土平缘石 (适用于步道)



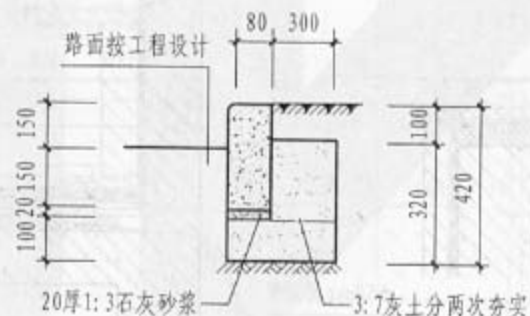
② 花岗岩平缘石 (适用于步道)



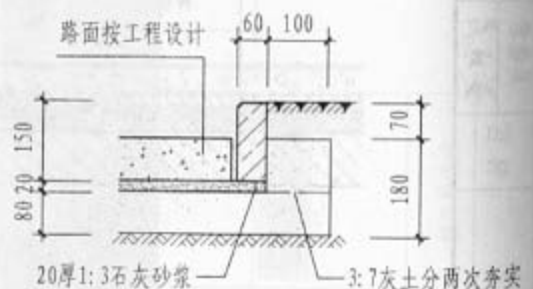
③ 圆石 (或块石) 平道牙



④ 预制混凝土成品立缘石 (适用于块料路面)



⑤ 预制混凝土成品立缘石 (适用于整体路面)



⑥ 花岗岩立缘石 (适用于步道)

注: 1. 两节缘石相接处留缝5宽, 缘石与路面整体面层留缝10, 1:3水泥砂浆挤严后勾缝;

2. 缘石背面及下面用3:7灰土夯实;

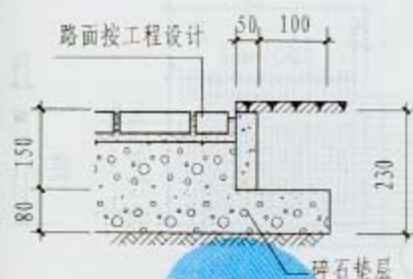
3. 条形树池边可选用立栽缘石;

4. 预制混凝土缘石采用C25混凝土

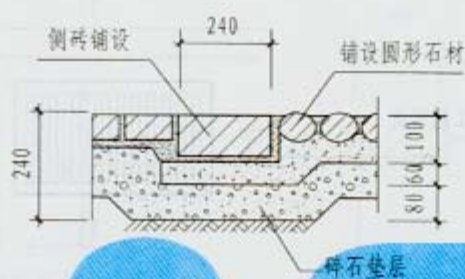
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路缘石 (一)

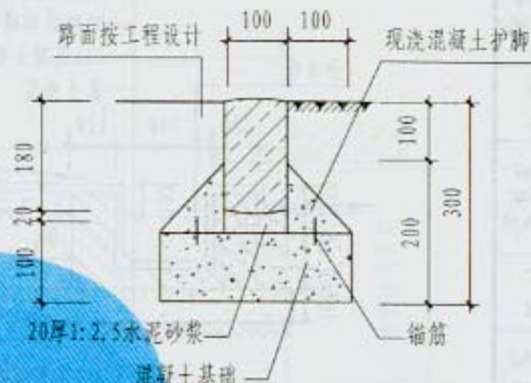
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| 图集号 | 05J9-1 |
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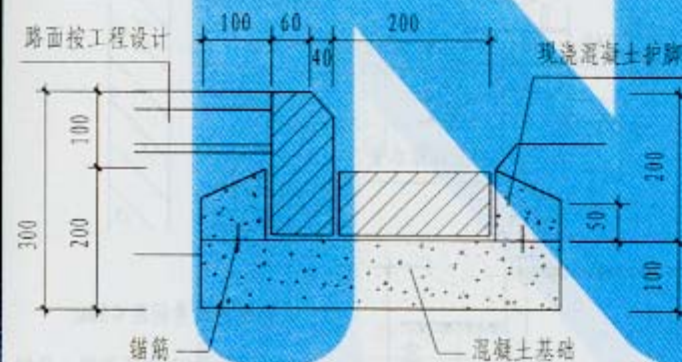
① 预制混凝土平道牙 (适用于步道)



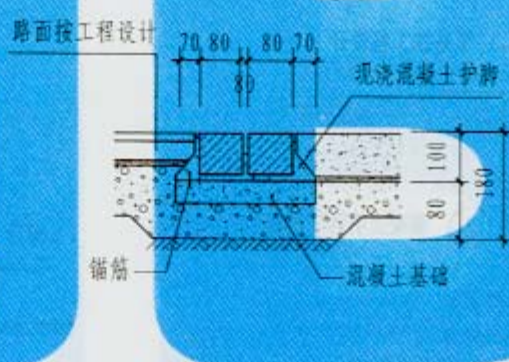
② 高强砖成品平道牙 (适用于步道)



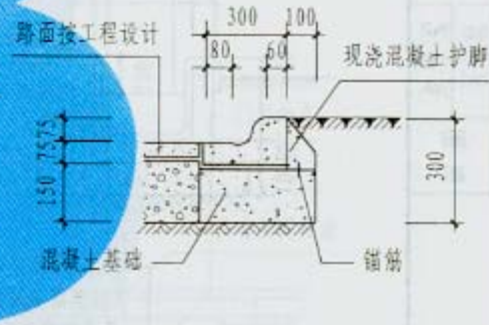
③ 圆石(或块石)平道牙



④ 高强砖成品立道牙-砖制边沟



⑤ 方块毛石平道牙



⑥ 预制混凝土道牙

注: 1. 两节道牙相接处留缝5mm, 道牙与路面整体面层留缝10mm, 1:3水泥砂浆挤严后勾缝;

2. 高强砖一般指混凝土砌块系列产品, 品种规格以厂家提供产品为准;

3. 预制混凝土道牙选用C25混凝土。

4. 锚筋采用 $\phi 6$ 钢筋, 长80, 间距900;

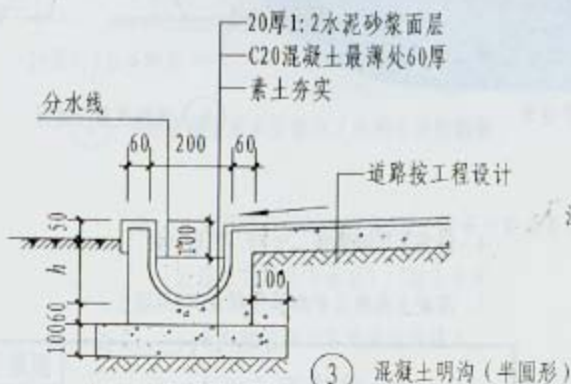
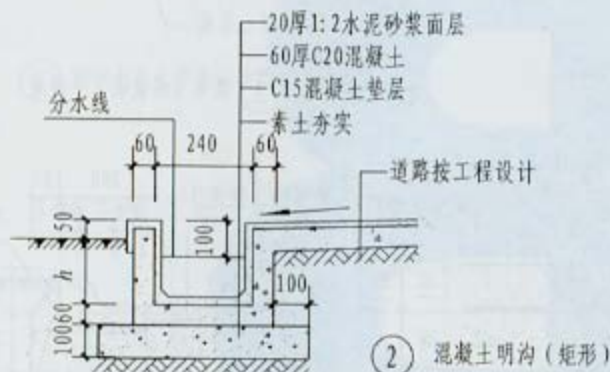
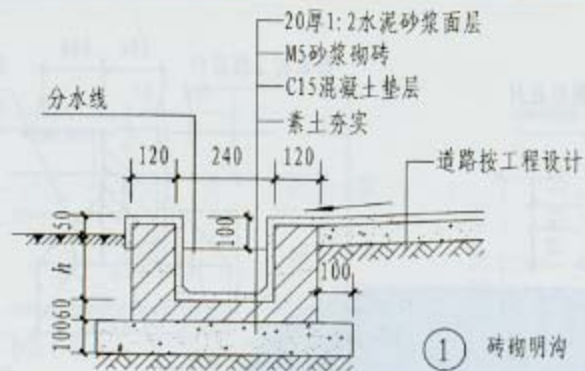
5. 混凝土基础及护脚采用现浇C10混凝土。

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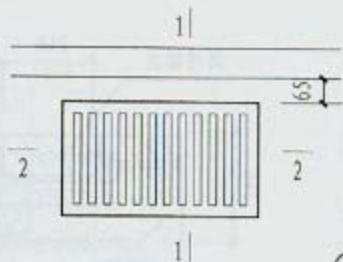
路缘石(二)

图集号 05J9-1

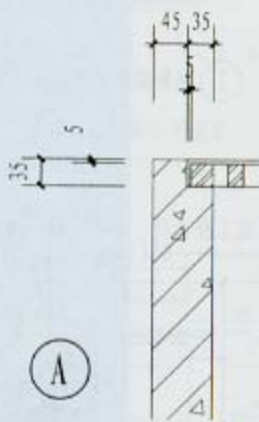
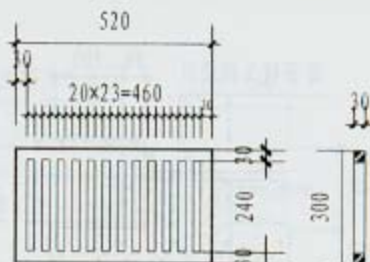
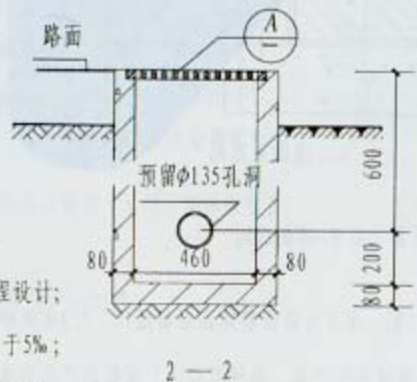
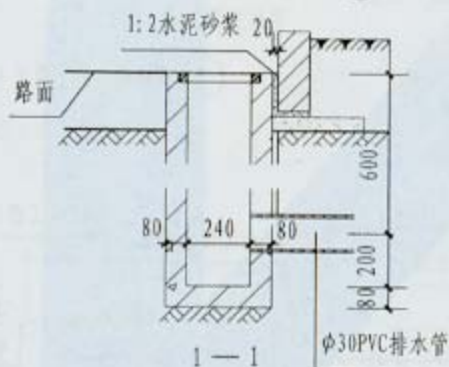
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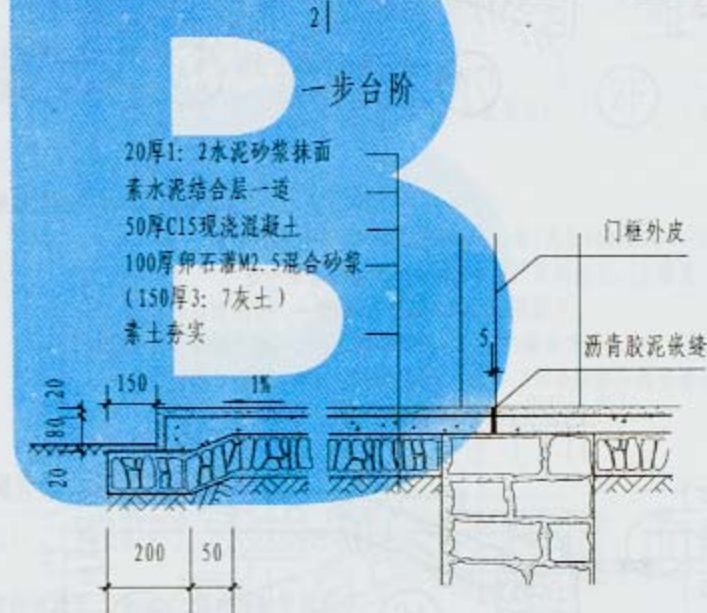
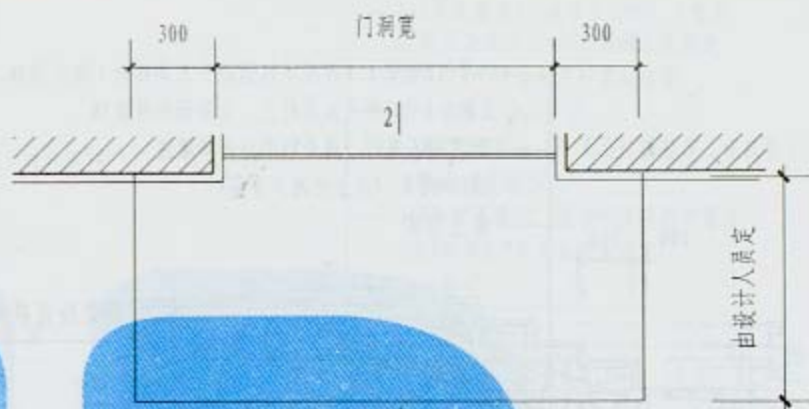
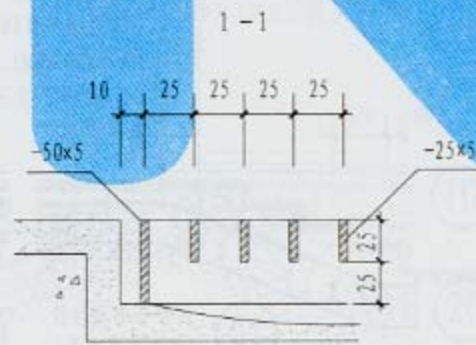
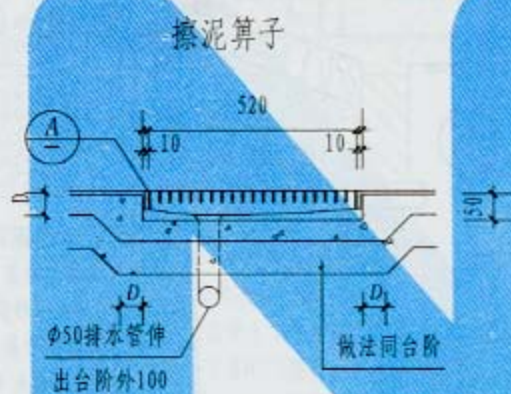
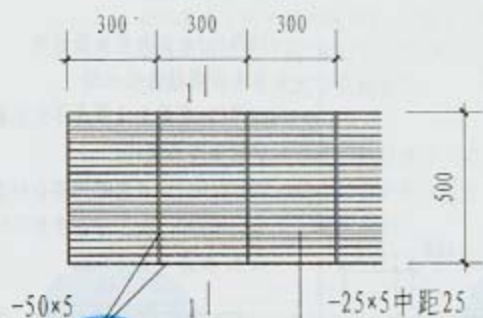
- 注: 1. 排水明沟深 $h$ 按工程设计;  
2. 明沟纵向坡度不小于5‰;  
3. 每隔10~15m设置伸缩缝;  
缝宽20mm, 防水油膏嵌缝。



7

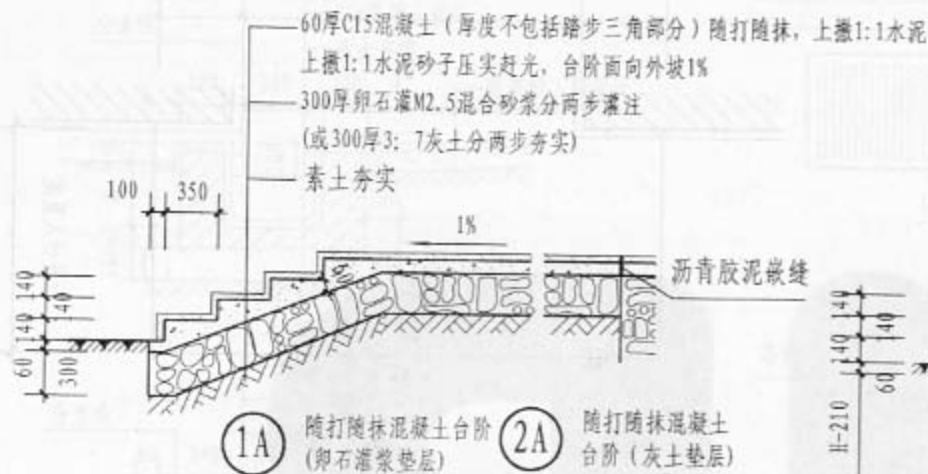


- 注: 1. 路面排水井间距 $\leq 50m$ ;  
2. 水井采用C20细石混凝土预制, 混凝土内配φ6钢筋双向中距200;  
3. 排水管就位后, 与水井缝隙用1:1水泥砂浆勾缝。

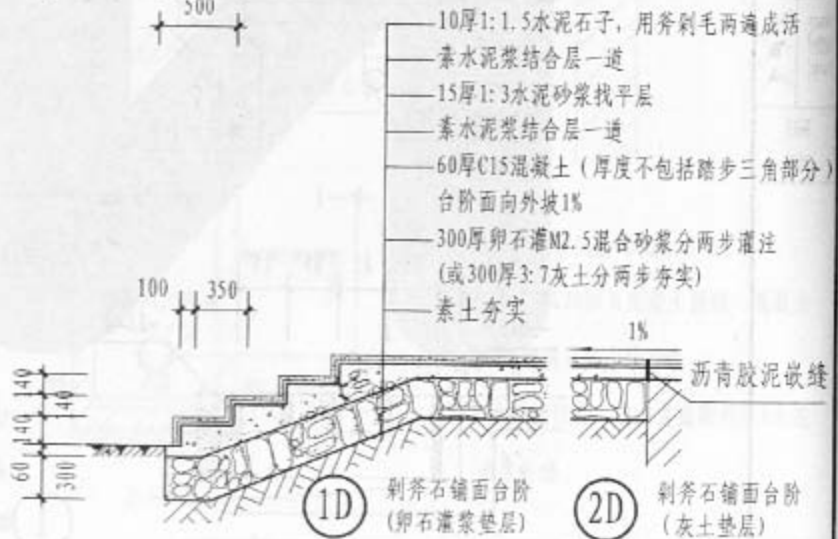
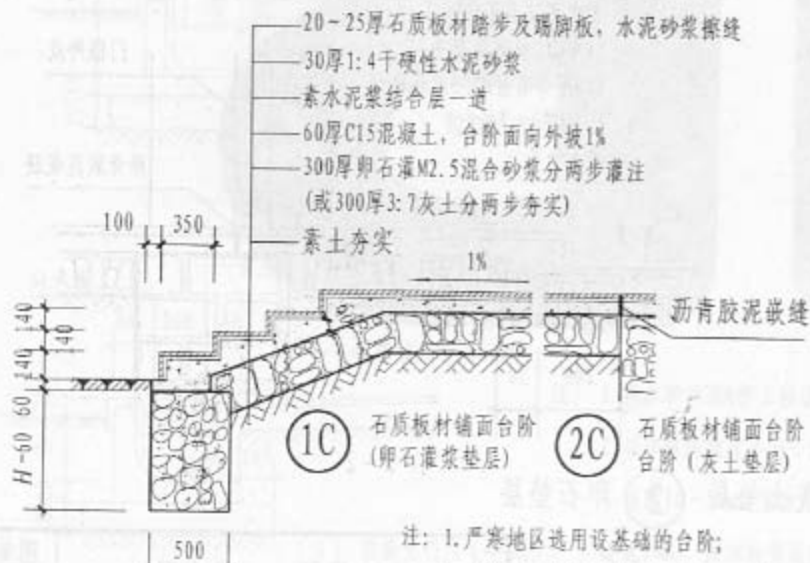
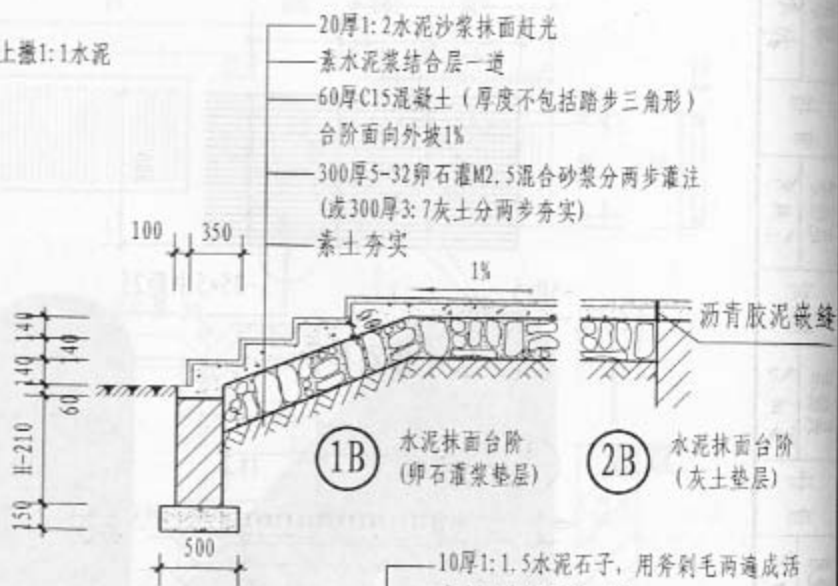


① 灰土垫层 ② 卵石垫层

2-2



2A 随打随抹混凝土  
台阶(灰土垫层)



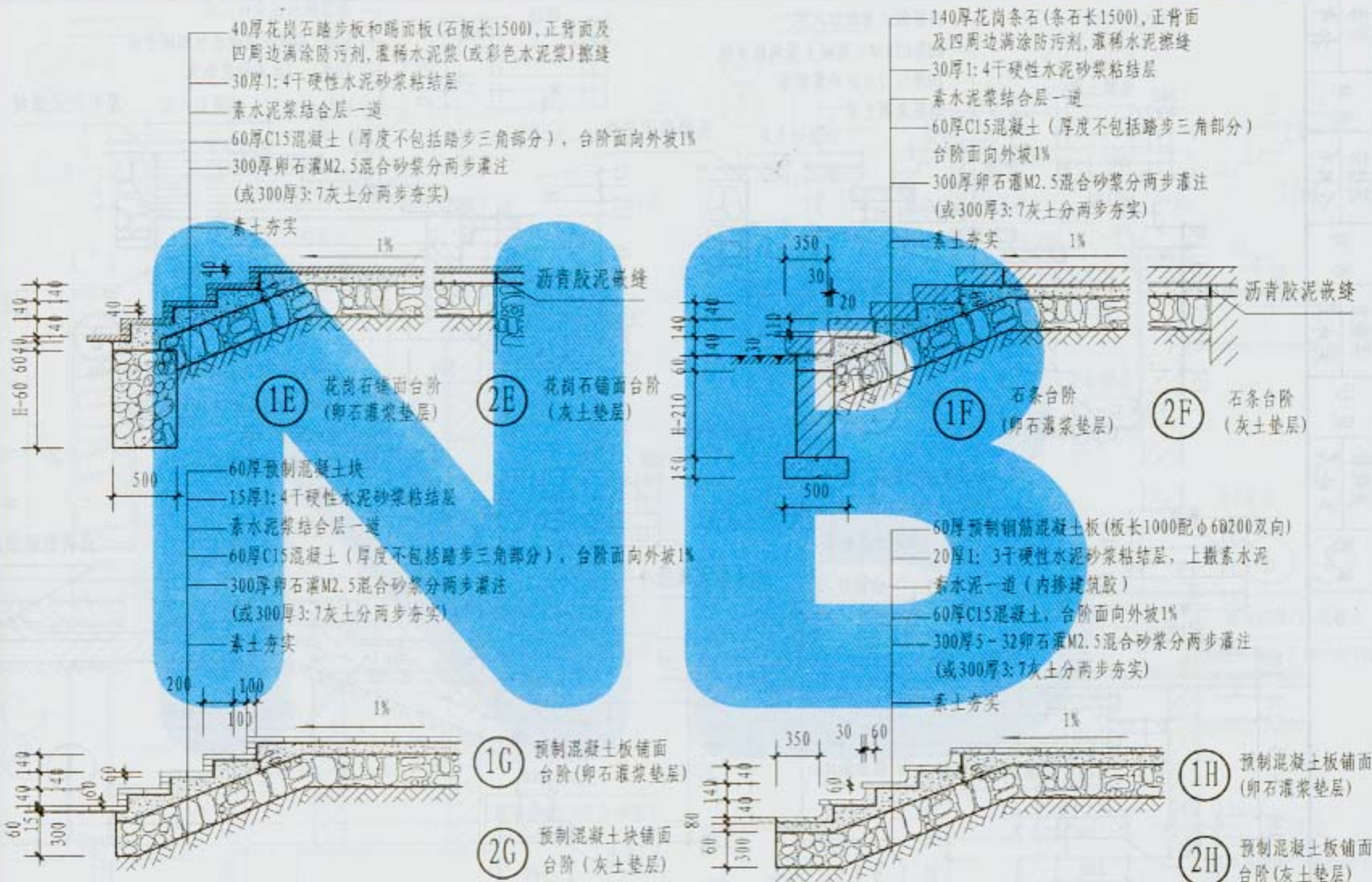
注:1.严寒地区选用设基础的台阶;

2.台阶下如设防胀层,做法:300厚中粗砂。

多步台阶(一)

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注:1.台阶下如设防冻层,做法:300厚中粗砂;

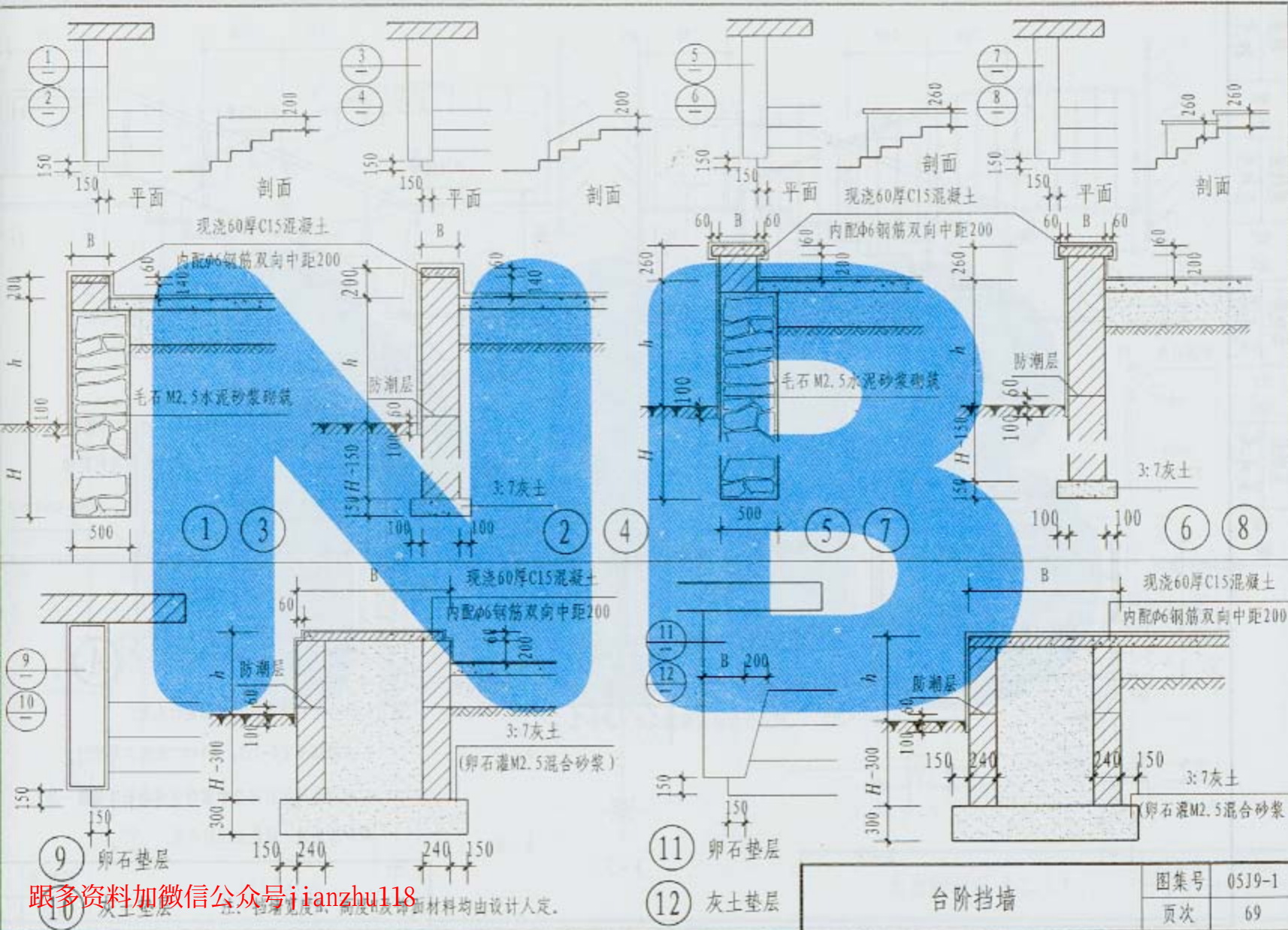
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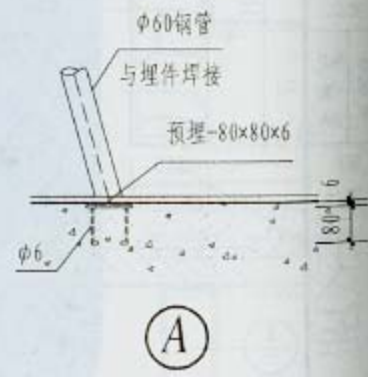
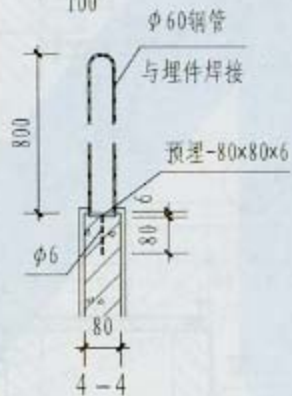
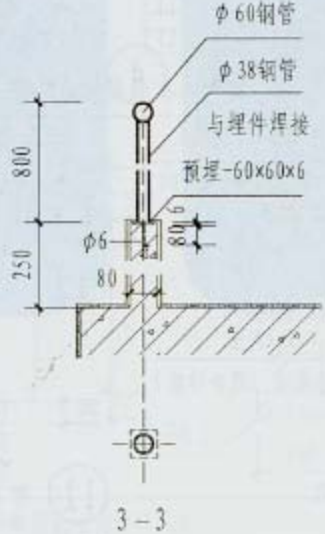
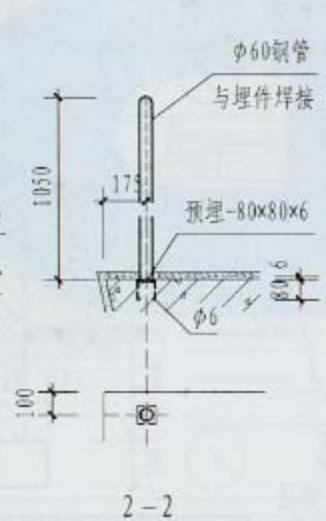
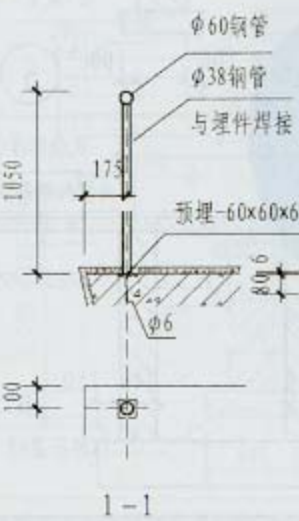
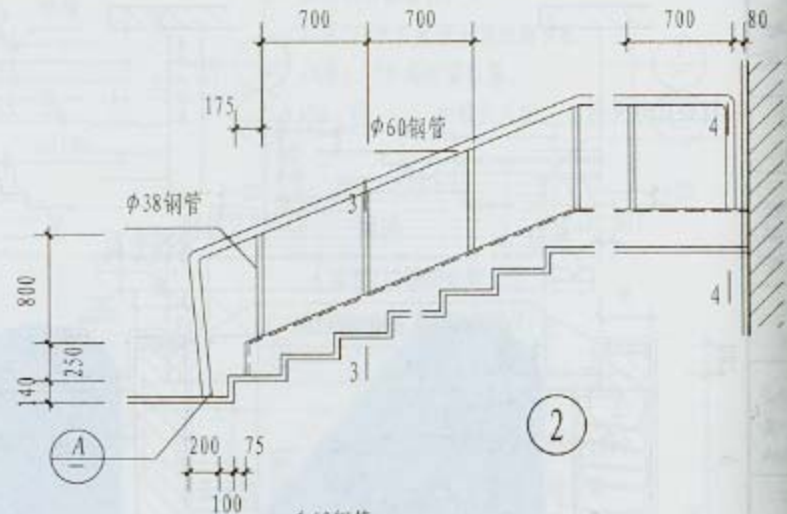
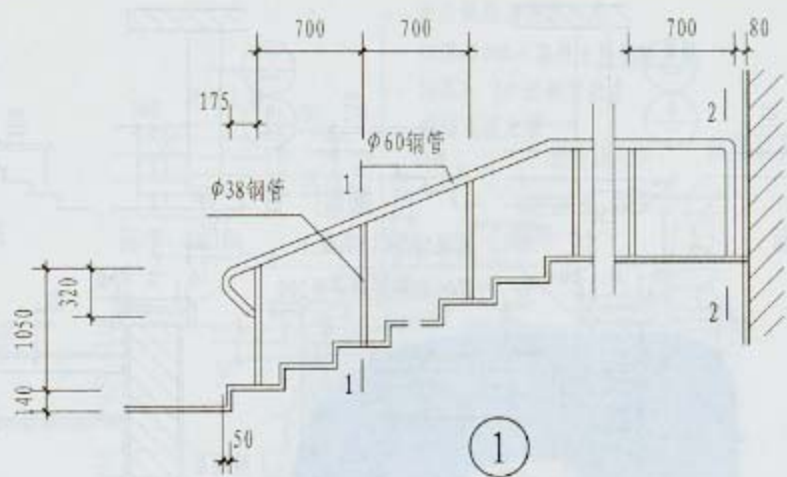
3.严寒地区选用以基础的台阶。

多步台阶(二)

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| 图集号 | 05J9-1 |
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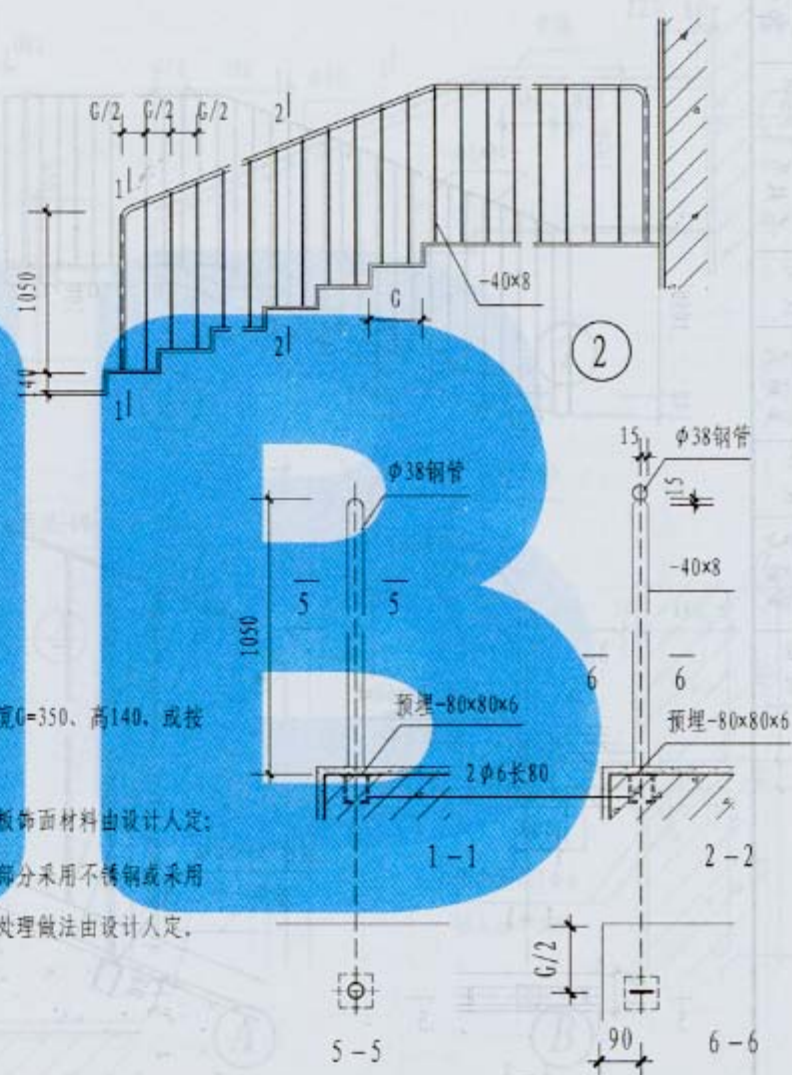
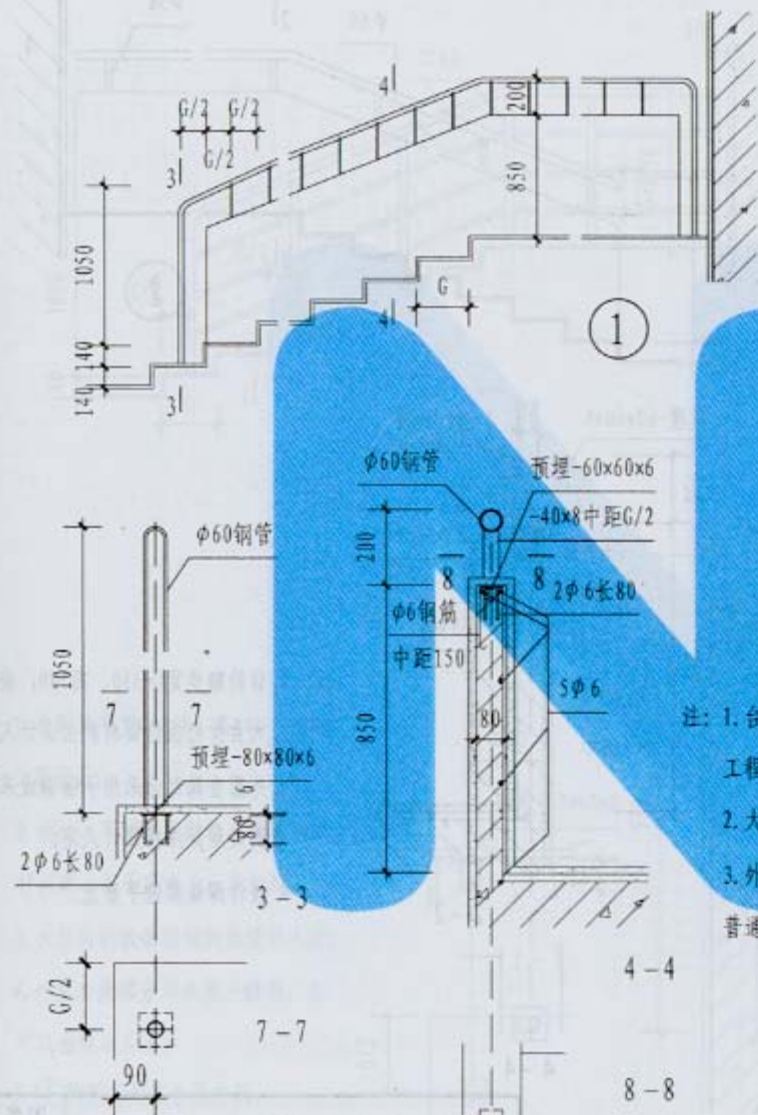


- 注：1. 大台阶栏板饰面材料由设计人定；  
2. 台阶踏步宽G=350，高140，或按工程设计；  
3. 所有金属栏杆部分和露明铁件均刷防锈漆一道，  
调 and 漆两道，颜色由设计人定。

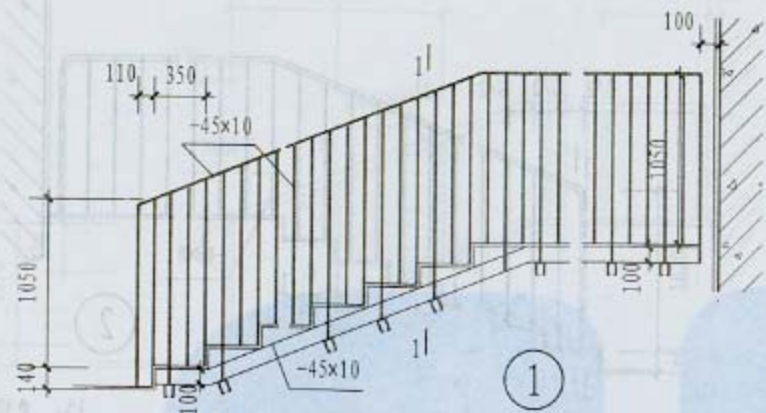
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大台阶栏杆（一）

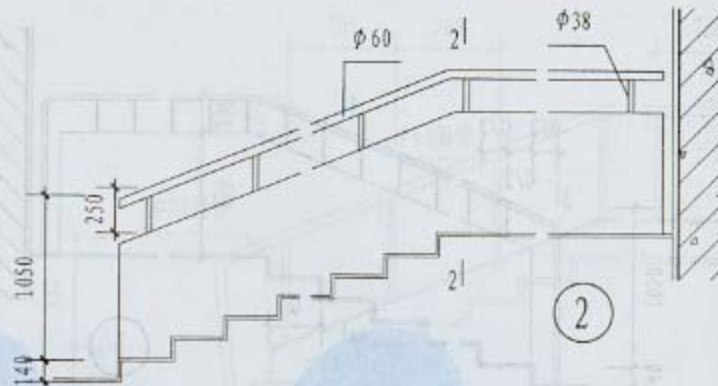
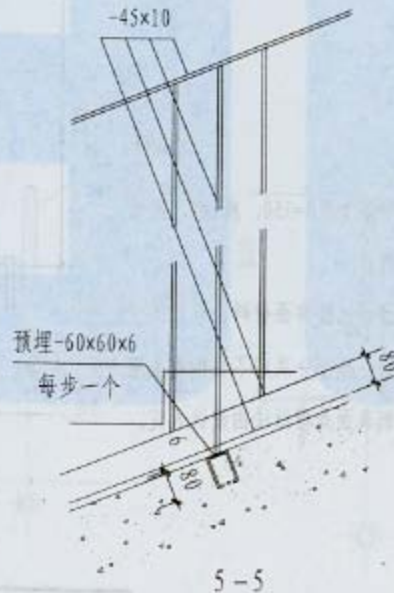
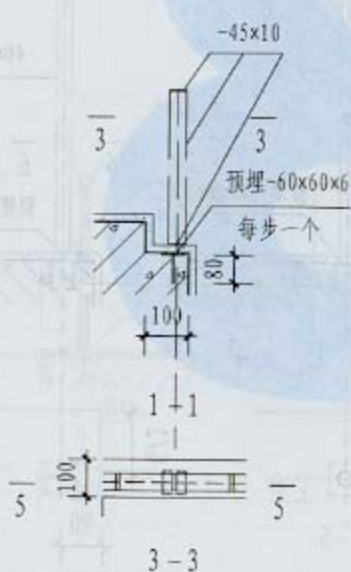
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| 页次  | 70     |



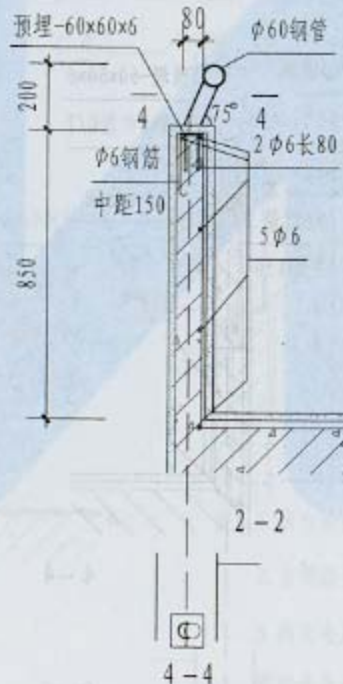
- 注: 1. 台阶踏步宽 $G=350$ 、高 $140$ 、或按  
工程设计;  
2. 大台阶栏板饰面材料由设计人定;  
3. 外露金属部分采用不锈钢或采用  
普通钢表面处理做法由设计人定。



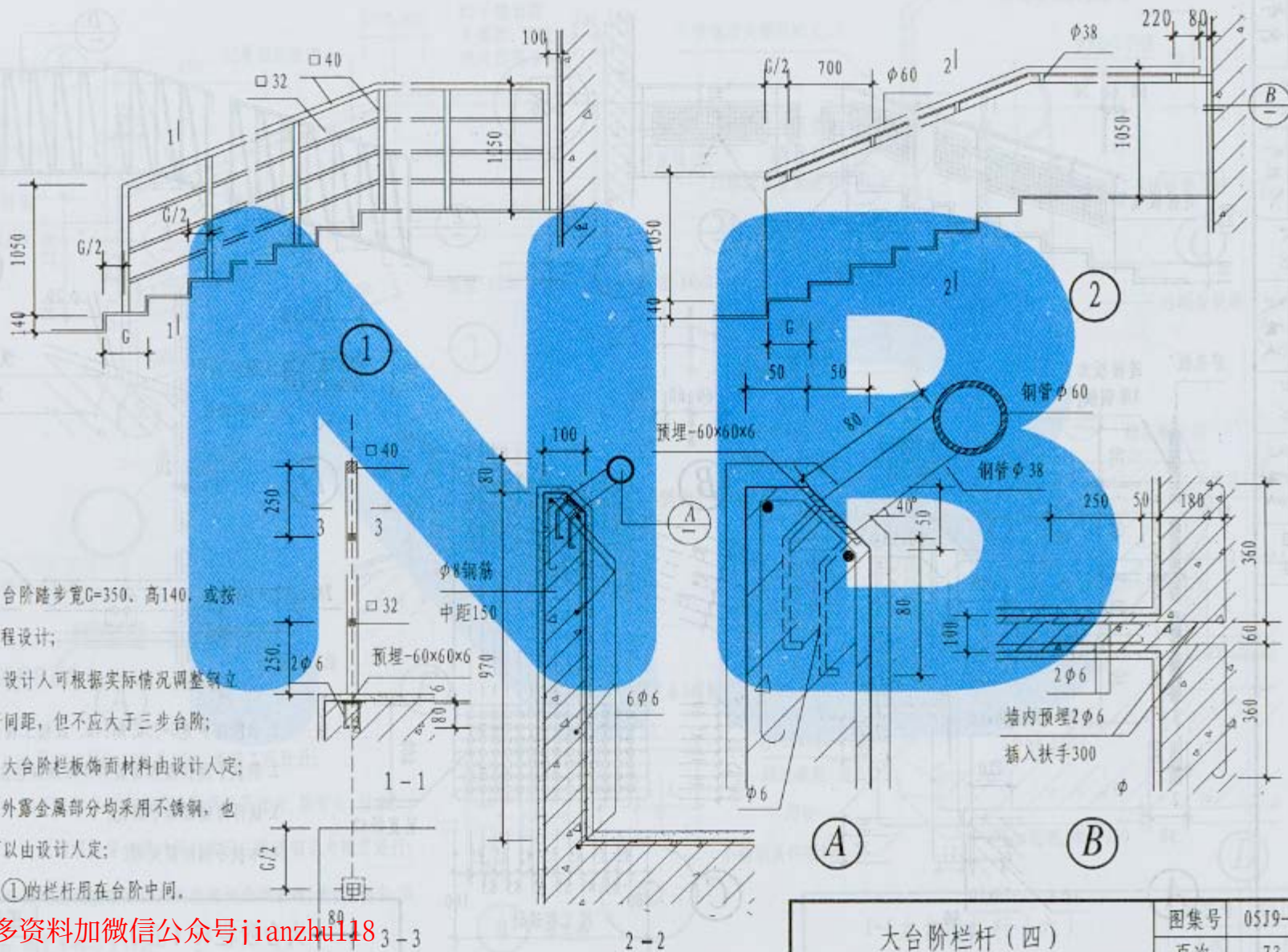
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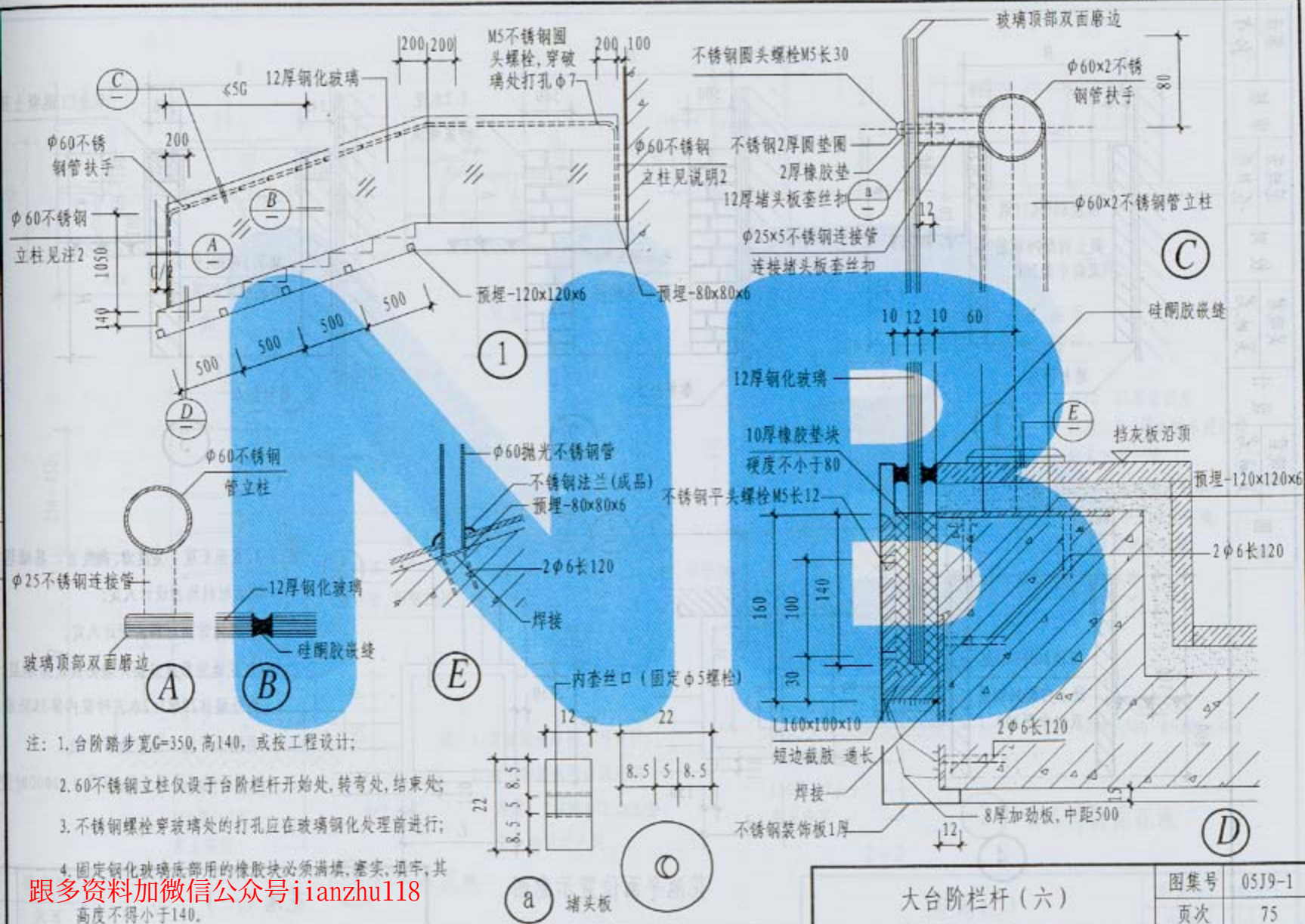


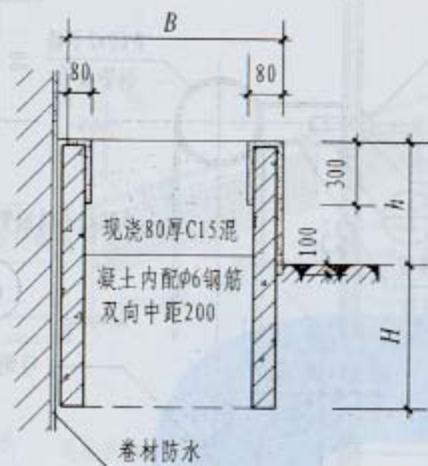
- 注：1. 台阶踏步宽 $G=350$ 、高 $140$ ，或按工程设计；  
2. 大台阶栏板饰面材料由设计人定；  
3. 外露金属部分采用不锈钢或采用普通钢，表面处理做法由设计人定；  
4. 铁件焊缝须锉平磨光。



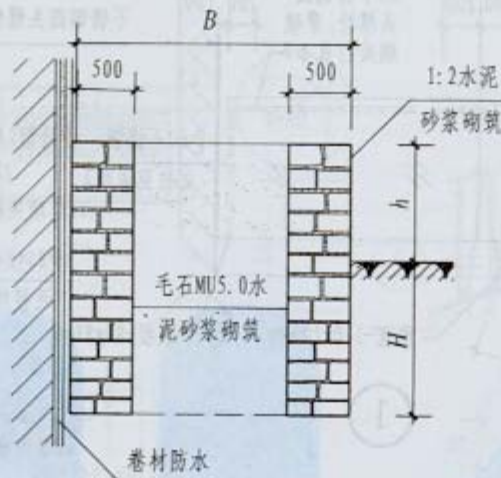
- 注: 1. 台阶踏步宽 $C=350$ 、高 $140$ 、或按  
工程设计;  
2. 设计人可根据实际情况调整钢立  
杆间距, 但不应大于三步台阶;  
3. 大台阶栏板饰面材料由设计人定;  
4. 外露金属部分均采用不锈钢, 也  
可以由设计人定;  
5. ①的栏杆用在台阶中间。



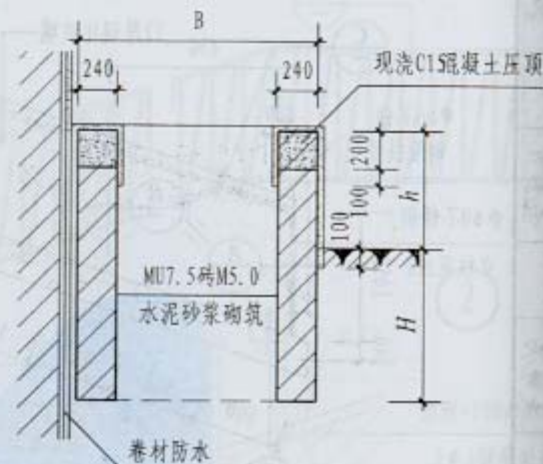




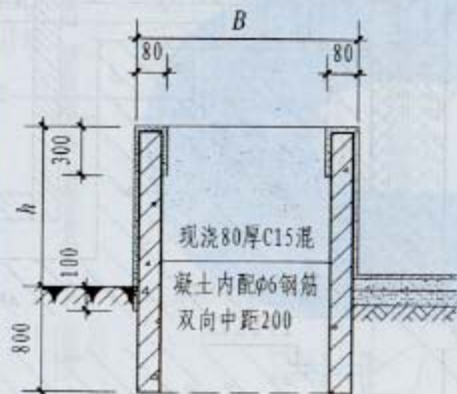
①



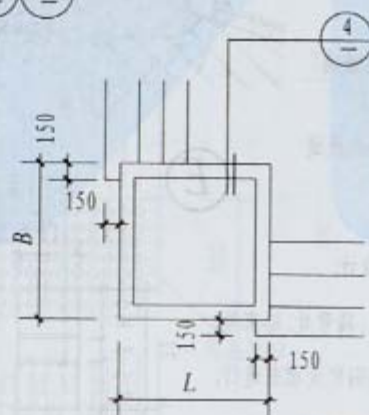
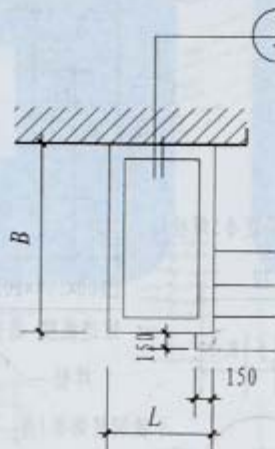
②



③

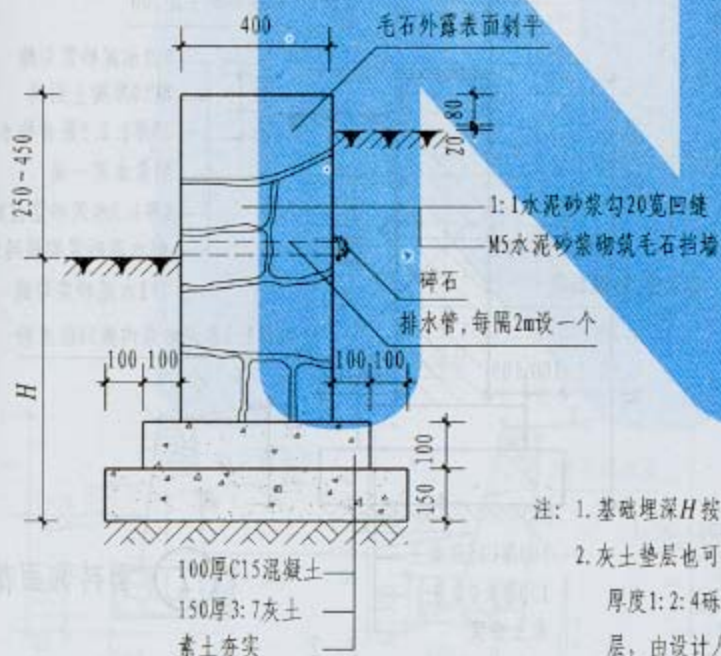
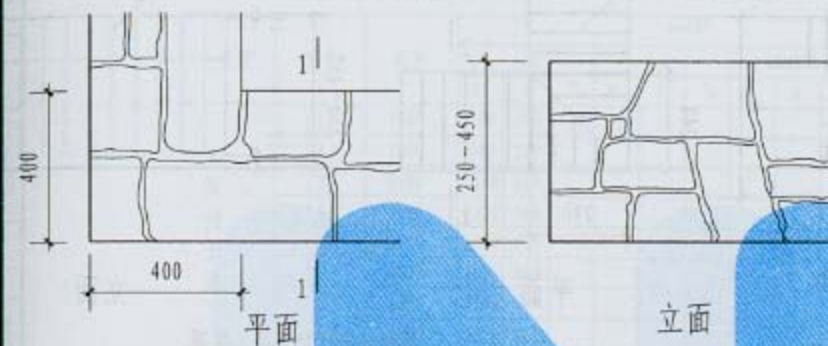


④



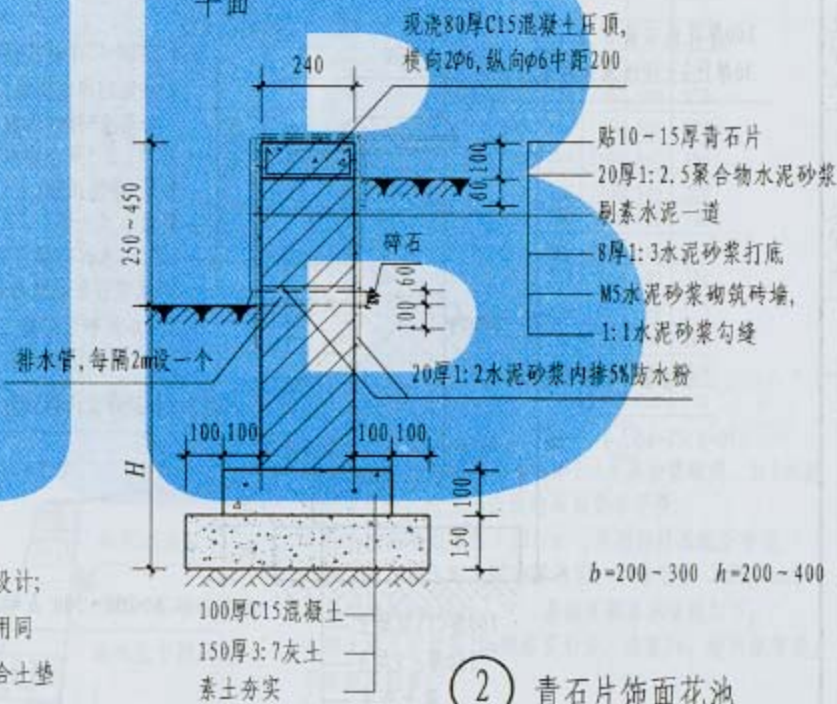
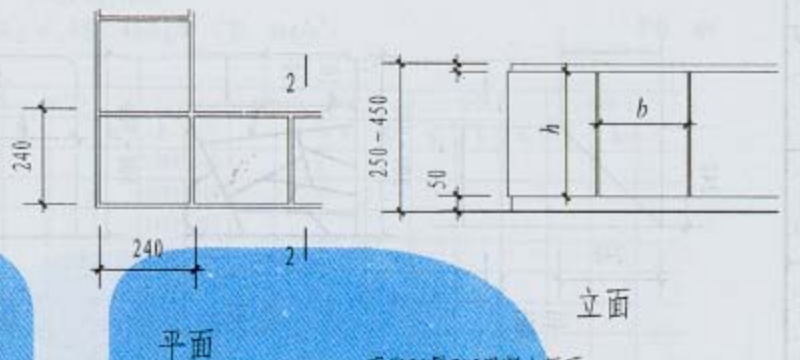
- 注: 1. 花池长度  $L$  宽度  $B$ , 高度  $h$ , 基础埋深  $H$  及饰面材料均由设计人定;
2. 花池饰面材料由设计人定;
3. 花池紧靠建筑物外墙必须设防潮层, 做法为外墙抹20厚1:2水泥砂浆内掺3%防水粉, 再附加一毡二油至地下1200;
4. 毛石花池适用于长、宽尺寸  $>2000$  时使用。

花池平面位置示意图



① 毛石花池

- 注: 1. 基础埋深 $H$ 按工程设计;  
2. 灰土垫层也可以改用同厚度1:2:4砾石三合土垫层,由设计人定。



② 青石片饰面花池

2-2



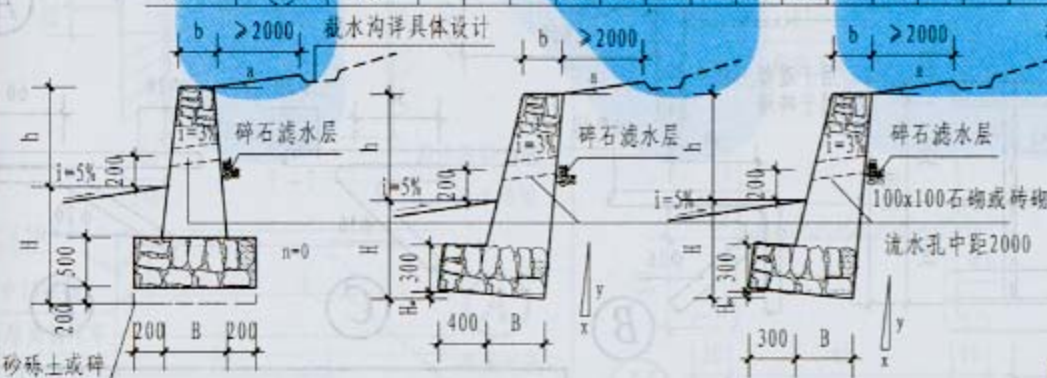
# 毛石挡土墙

# 护坎选用表

(假定条件: 土壤内摩擦角 $\phi=35^\circ$ , 凝聚力 $c=0$ , 外荷载A型:  $200\sim400\text{kg/m}^2$ , B型:  $400\text{kg/m}^2$ , C型:  $0\text{kg/m}^2$ )

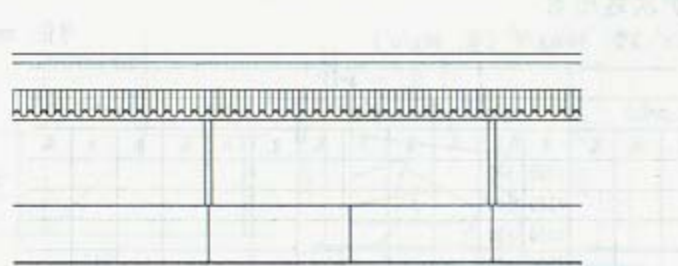
单位: mm

| 类型    | 编号 | 高度   | $n=10^\circ$ |     |                |         |     |                |         |     |                |         |     |                | $n=25^\circ$ |     |                |         |     |                |         |     |                |         |     |                |
|-------|----|------|--------------|-----|----------------|---------|-----|----------------|---------|-----|----------------|---------|-----|----------------|--------------|-----|----------------|---------|-----|----------------|---------|-----|----------------|---------|-----|----------------|
|       |    |      | $n=0$        |     |                | $n=1:3$ |     |                | $n=1:4$ |     |                | $n=1:5$ |     |                | $n=0$        |     |                | $n=1:3$ |     |                | $n=1:4$ |     |                | $n=1:5$ |     |                |
|       |    |      | B            | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> | B            | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> | B       | b   | H <sub>0</sub> |
| A型挡土墙 | ①  | 1500 | 700          | 500 |                |         |     |                |         |     |                |         |     |                | 1000         | 500 |                |         |     |                |         |     |                |         |     |                |
|       | ②  | 2000 | 900          | 500 |                |         |     |                |         |     |                |         |     |                | 1200         | 500 |                |         |     |                |         |     |                |         |     |                |
|       | ③  | 2500 | 1100         | 500 |                |         |     |                |         |     |                |         |     |                | 1450         | 500 |                |         |     |                |         |     |                |         |     |                |
|       | ④  | 3000 | 1350         | 500 |                |         |     |                |         |     |                |         |     |                | 1700         | 600 |                |         |     |                |         |     |                |         |     |                |
|       | ⑤  | 3500 | 1600         | 600 |                |         |     |                |         |     |                |         |     |                | 1950         | 600 |                |         |     |                |         |     |                |         |     |                |
|       | ⑥  | 4000 | 1850         | 600 |                |         |     |                |         |     |                |         |     |                | 2200         | 600 |                |         |     |                |         |     |                |         |     |                |
|       | ⑦  | 4500 | 2100         | 600 |                |         |     |                |         |     |                |         |     |                | 2500         | 700 |                |         |     |                |         |     |                |         |     |                |
|       | ⑧  | 5000 | 2350         | 600 |                |         |     |                |         |     |                |         |     |                | 2800         | 700 |                |         |     |                |         |     |                |         |     |                |
| B型挡土墙 | ⑨  | 1500 |              |     |                | 500     | 500 | 90             | 600     | 500 | 100            | 700     | 500 | 110            |              |     |                | 700     | 500 | 110            | 850     | 500 | 130            | 900     | 500 | 130            |
|       | ⑩  | 2000 |              |     |                | 600     | 500 | 100            | 700     | 500 | 110            | 800     | 500 | 120            |              |     |                | 800     | 500 | 120            | 1000    | 500 | 140            | 1100    | 500 | 150            |
|       | ⑪  | 2500 |              |     |                | 700     | 500 | 110            | 800     | 500 | 120            | 900     | 500 | 130            |              |     |                | 900     | 500 | 130            | 1150    | 500 | 160            | 1300    | 500 | 170            |
|       | ⑫  | 3000 |              |     |                | 800     | 500 | 120            | 1000    | 500 | 140            | 1100    | 500 | 150            |              |     |                | 1100    | 500 | 150            | 1350    | 500 | 180            | 1500    | 500 | 190            |
|       | ⑬  | 3500 |              |     |                | 1000    | 500 | 140            | 1200    | 500 | 160            | 1300    | 500 | 170            |              |     |                | 1300    | 600 | 170            | 1550    | 600 | 200            | 1700    | 600 | 210            |
|       | ⑭  | 4000 |              |     |                | 1200    | 600 | 160            | 1400    | 600 | 180            | 1500    | 600 | 190            |              |     |                | 1500    | 600 | 190            | 1750    | 600 | 220            | 1900    | 600 | 230            |
|       | ⑮  | 4500 |              |     |                | 1400    | 600 | 180            | 1600    | 600 | 200            | 1700    | 600 | 210            |              |     |                | 1700    | 700 | 210            | 1950    | 600 | 240            | 2100    | 600 | 250            |
|       | ⑯  | 5000 |              |     |                | 1600    | 600 | 200            | 1800    | 600 | 220            | 1900    | 600 | 230            |              |     |                | 1900    | 700 | 230            | 2150    | 600 | 260            | 2300    | 600 | 270            |
| C型护坎  | ⑰  | 2000 |              |     |                | 500     | 500 | 90             | 600     | 500 | 100            | 700     | 500 | 110            |              |     |                | 700     | 500 | 110            | 800     | 500 | 120            | 900     | 500 | 130            |
|       | ⑱  | 3000 |              |     |                | 700     | 500 | 110            | 800     | 500 | 120            | 900     | 500 | 130            |              |     |                | 900     | 500 | 130            | 1000    | 500 | 140            | 1200    | 500 | 160            |
|       | ⑲  | 4000 |              |     |                | 1000    | 500 | 140            | 1200    | 500 | 160            | 1300    | 500 | 170            |              |     |                | 1300    | 500 | 170            | 1500    | 500 | 190            | 1800    | 600 | 220            |
|       | ⑳  | 5000 |              |     |                | 1350    | 500 | 180            | 1600    | 500 | 200            | 1700    | 500 | 210            |              |     |                | 1700    | 500 | 210            | 2000    | 500 | 240            | 2300    | 600 | 270            |

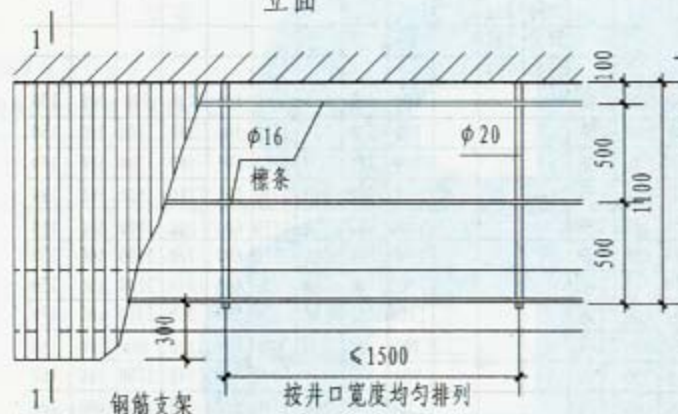


- 注: 1. 选用时注明型号 (a, n), 如  $\text{①}_{40} a=25, n=0$ ;  
 2. 挡土墙及护坎均采用毛石M=2.5水泥砂浆砌筑, 1:2水泥砂浆勾石缝。用于外表面的石面要求平整;  
 3. 挡土墙的地耐力应  $\geq 12\text{t/m}^2$ , 否则应将基底土夯实;  
 4. 墙壁若作填土时应随砌随夯实, 干容重量  $> 55\text{g/cm}^3$ ;  
 5. 基础埋深H由设计人定。基础底需在冰冻线以下;  
 6. 挡土墙及护坎每20m须留变形缝, 缝宽20, 缝内填黄泥麦草或胶泥稻草;  
 7.  $n=x:y$ ;  
 8. 基础开槽后, 如遇地下水时改用M5.0水泥砂浆。

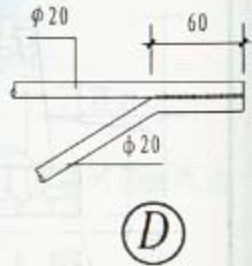
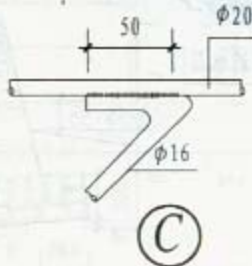
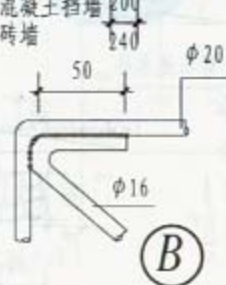
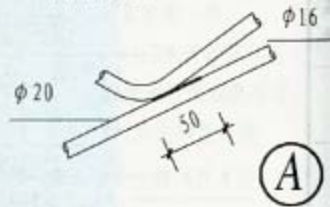
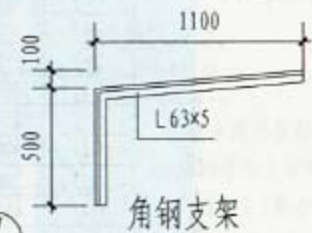
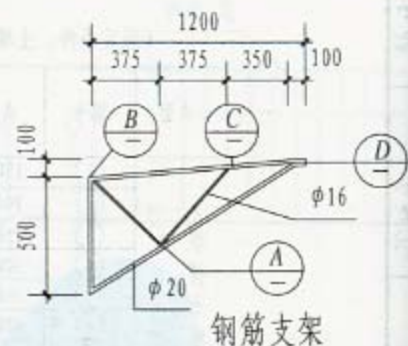
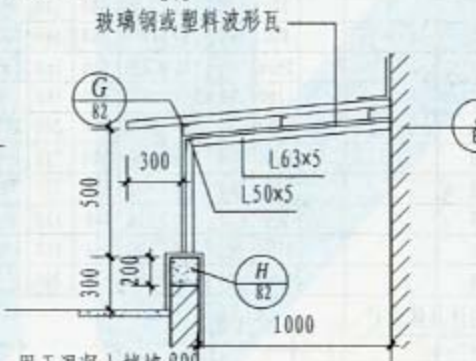
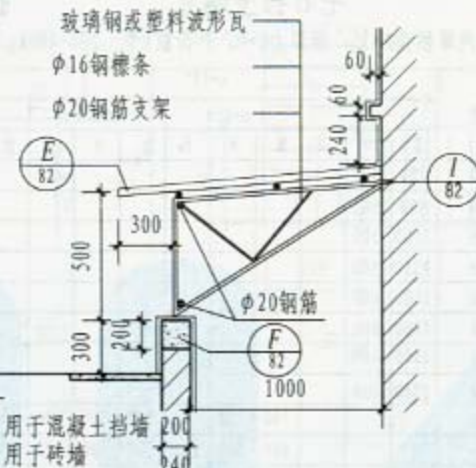
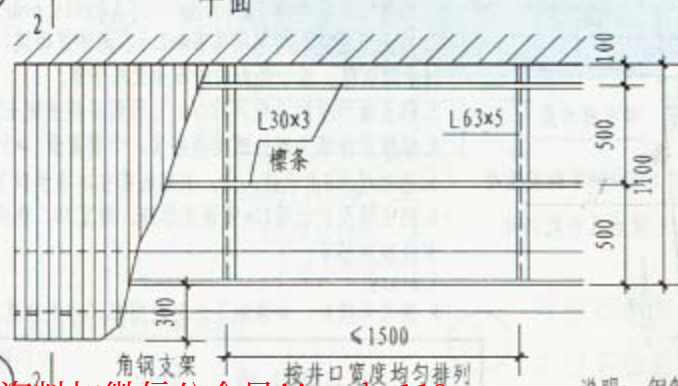
毛石挡土墙 护坎



立面



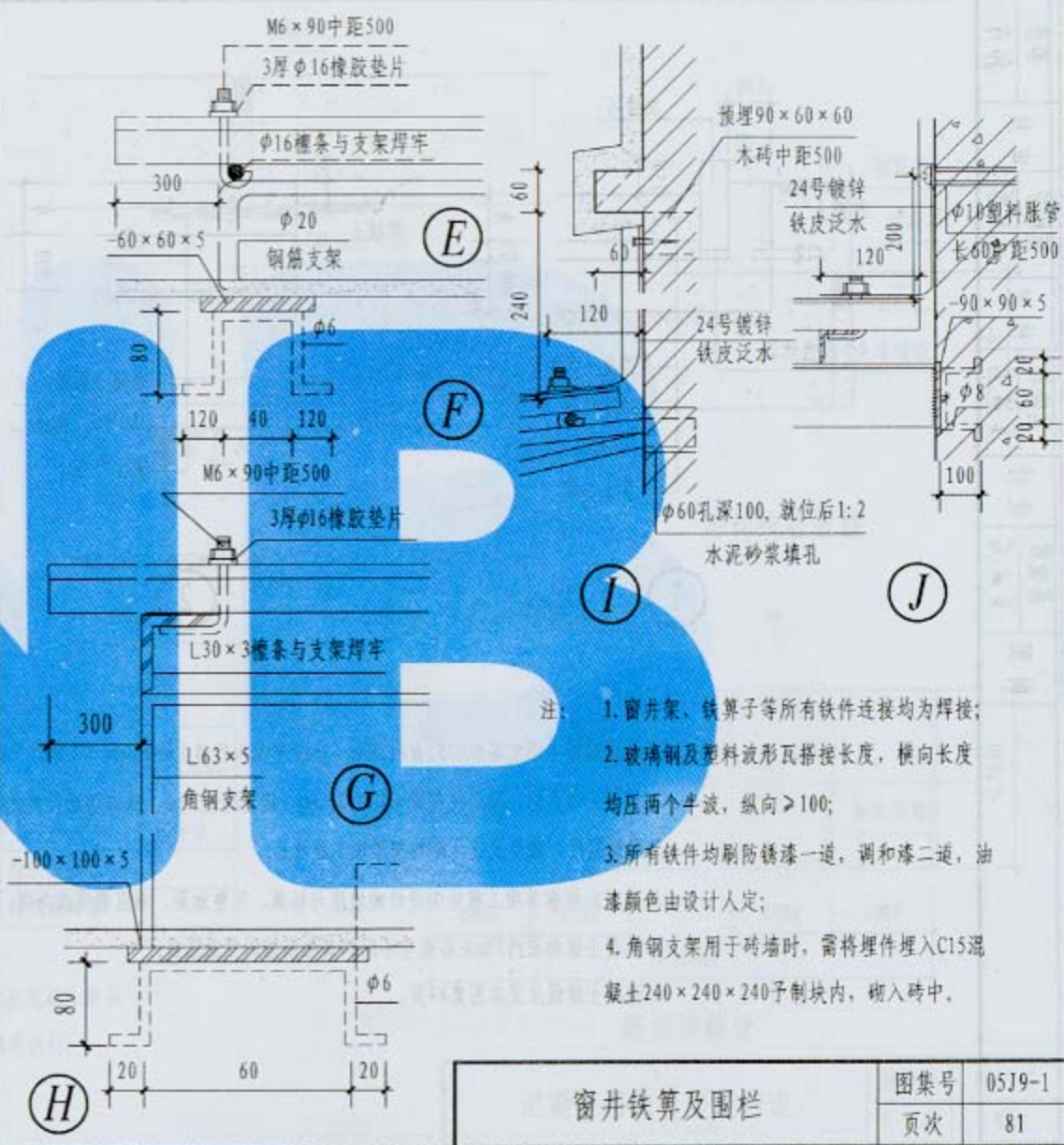
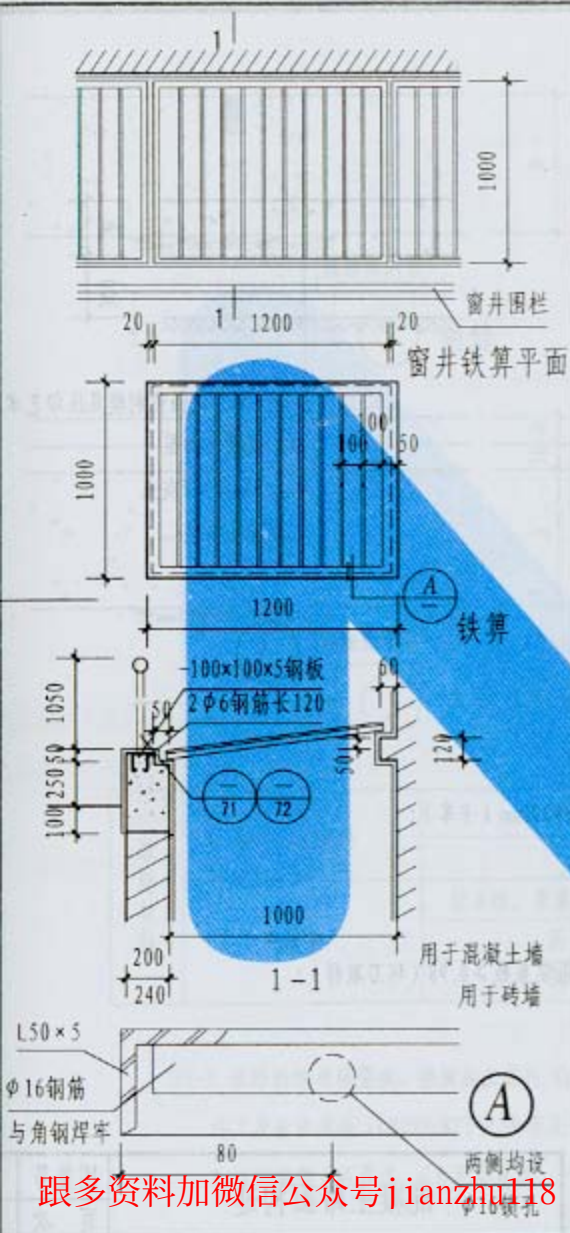
平面

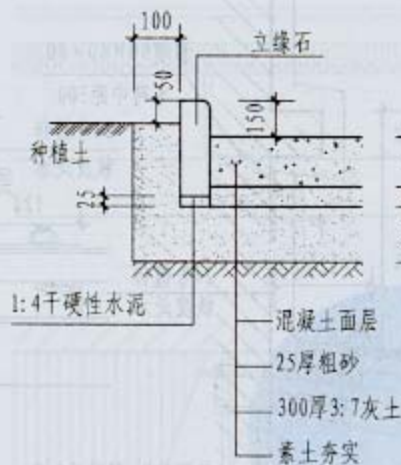


说明: 钢筋支架屋面为不上人屋面

窗井支架

|     |        |
|-----|--------|
| 图集号 | 05J9-1 |
| 页次  | 80     |





①



②



③

注：1. 道路混凝土强度等级C25,  $h=120\text{mm}$  (小轿车及人行道)  $h=180\text{mm}$  (大轿车)  $h=220\text{mm}$  (卡车);

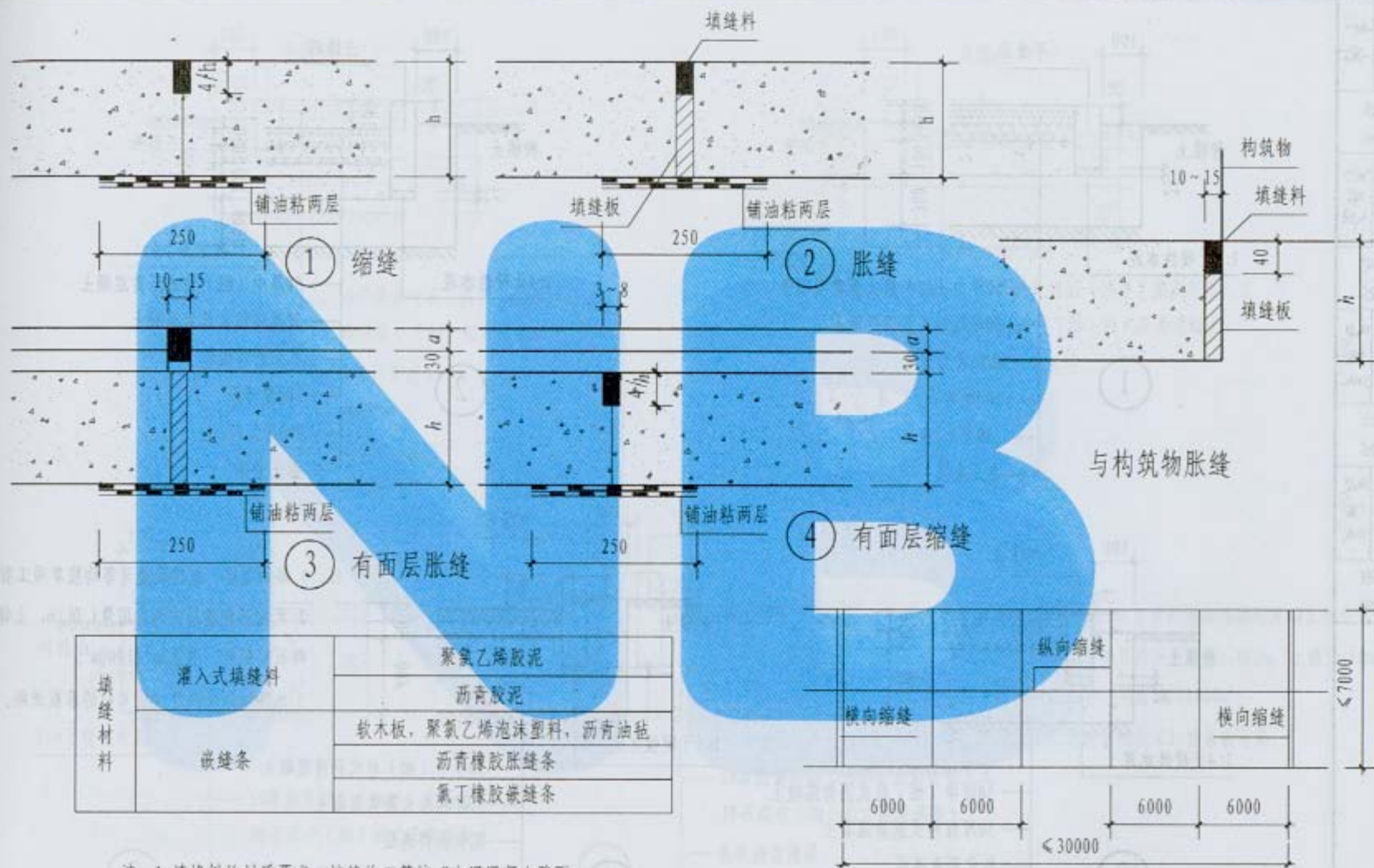
2. 混凝土路面纵、横向伸缩缝间距为3~6m, 缝宽20~30mm, 缝内填沥青类材料;

3. 路面宽度、坡度及进牙等均按单项工程设计;

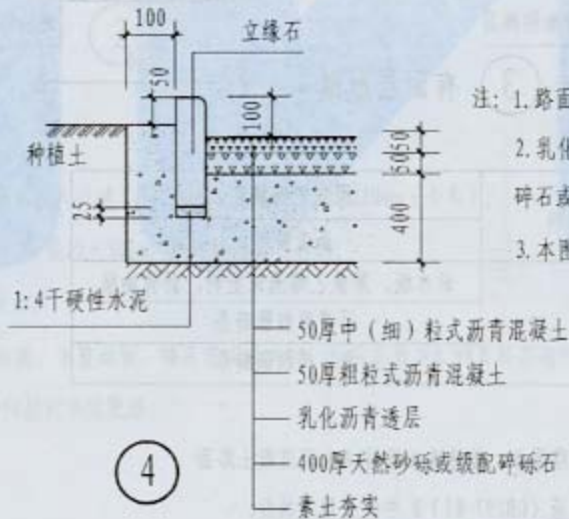
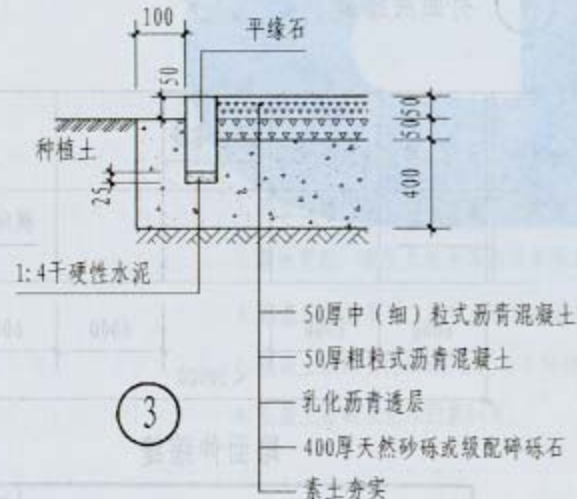
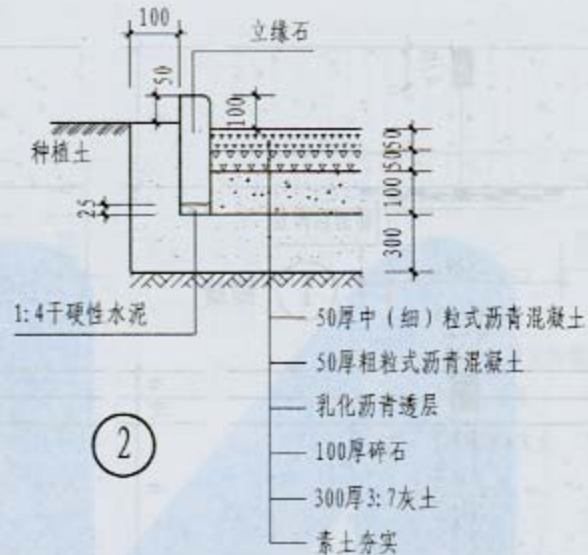
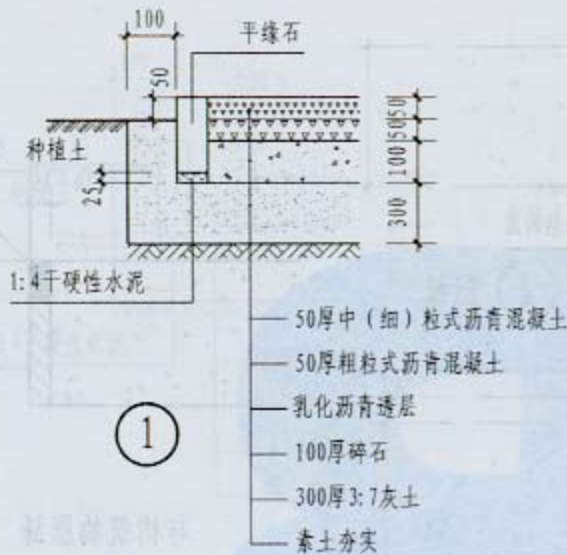
4. 路基应根据单项工程竖向设计的坡度与标高, 平整地面, 碾压压实或夯实, 压实系数 $\geq 0.98$  (环刀取样);

5. 混凝土纵向长约20m左右或与不同构筑物衔接时须做胀缝;

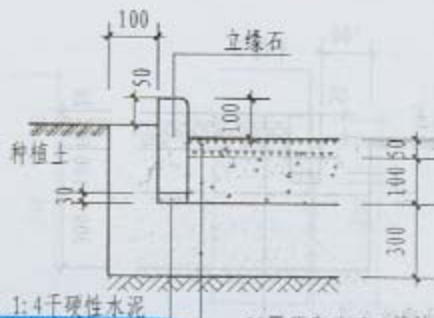
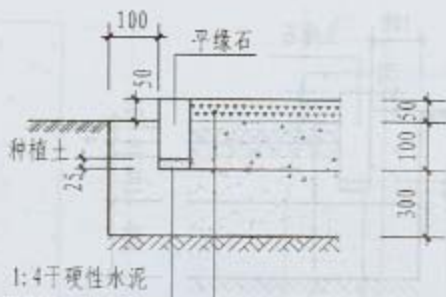
6. 混凝土缝做法见本图集84页。



注: 1. 填缝料的材质要求, 接缝施工等按《水泥混凝土路面施工及验收规范 (GBJ97-87)》中有关规定执行;



- 注: 1. 路面宽度、坡度及道牙等均按单项工程设计;  
2. 乳化沥青透层的沥青用量1.0L/m, 上铺5~10mm  
碎石或粗砂, 用量 $3\text{m}^3/1000\text{m}^2$ ;  
3. 本图适用于汽车吨位 $\leq 4\text{t}$ 的承载道路。

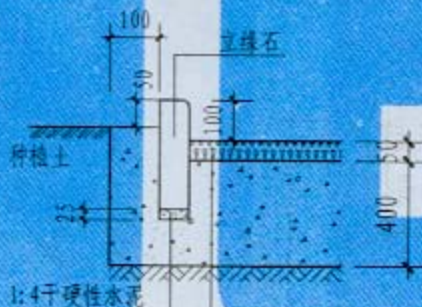
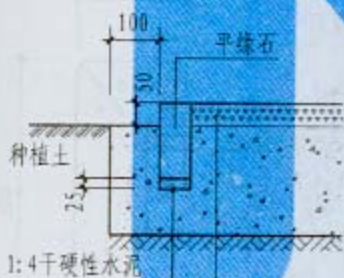


①

- 50厚沥青碎石(热拌)或沥青贯入式碎石或中(细)粒式沥青混凝土
- 乳化沥青透层
- 100厚碎石
- 300厚3:7灰土
- 素土夯实

②

- 50厚沥青碎石(热拌)或沥青贯入式碎石或中(细)粒式沥青混凝土
- 乳化沥青透层
- 100厚碎石
- 300厚3:7灰土
- 素土夯实



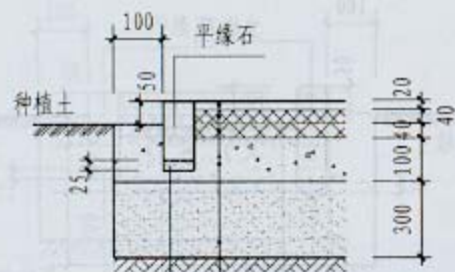
③

- 50厚沥青碎石(热拌)或沥青贯入式碎石或中(细)粒式沥青混凝土
- 乳化沥青透层
- 400厚天然砂砾或级配碎石
- 素土夯实

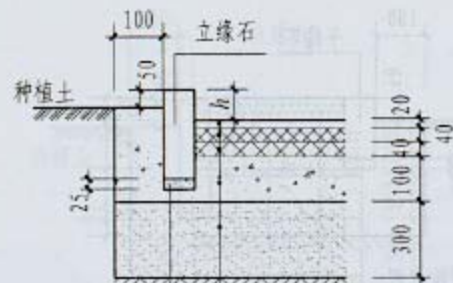
④

- 50厚沥青碎石(热拌)或沥青贯入式碎石或中(细)粒式沥青混凝土
- 乳化沥青透层
- 400厚天然砂砾或级配碎石
- 素土夯实

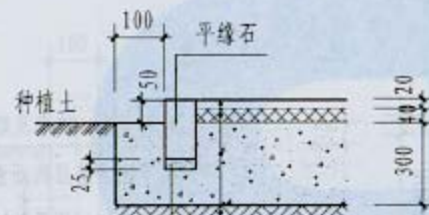
- 注: 1. 路面宽度、坡度及路缘石等均按单项工程设计;  
2. 乳化沥青透层的沥青用量 $1.0L/m^2$ 上铺 $5\sim 10mm$ 碎石或粗砂, 用量 $3m^3/1000m^2$ ;  
3. 本图适用于吨位 $\leq 2t$ 的承载道路。



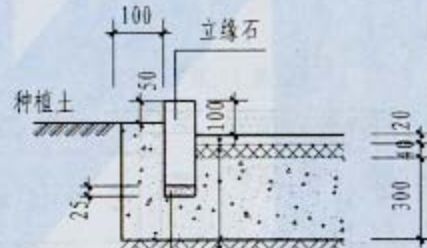
- 1:4干硬性水泥
- 20厚聚氨酯
- 40厚密级配沥青混凝土
- 40厚粗级配沥青混凝土
- 100厚级配碎石
- 300厚未筛碎石
- 素土夯实
- ①



- 1:4干硬性水泥
- 20厚聚氨酯
- 40厚密级配沥青混凝土
- 40厚粗级配沥青混凝土
- 100厚级配碎石
- 300厚未筛碎石
- 素土夯实
- ②



- 1:4干硬性水泥
- 20厚聚氨酯
- 40厚密级配沥青混凝土
- 300厚级配碎石或未筛碎石
- 素土夯实
- ③



- 1:4干硬性水泥
- 20厚聚氨酯
- 40厚密级配沥青混凝土
- 300厚级配碎石或未筛碎石
- 素土夯实
- ④

注: 1. 路面宽度、坡度及路缘石等均按单项工程设计;

2. 缘石外露高度 $h$ 为50~150mm;

3. 本图适用于吨位 $\leq 2t$ 的承载道路。



①

立缘石 (100×300×495)



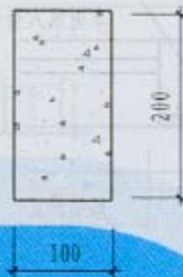
②

立缘石 (80/100×300×495)



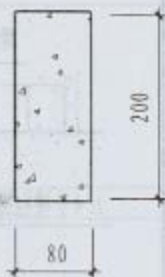
③

立缘石 (100/120×350×495)



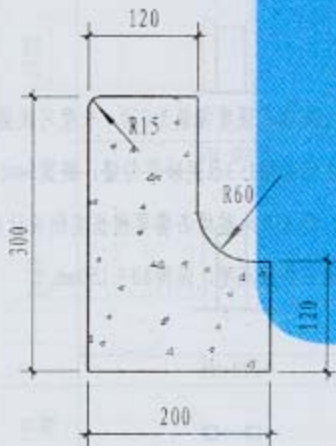
④

平缘石 (100×200×495)



⑤

平缘石 (80×200×495)



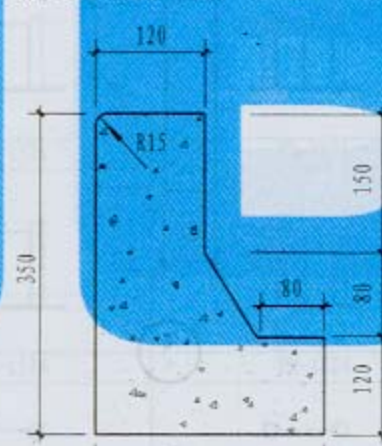
⑥

立缘石 (120×300×745)



⑦

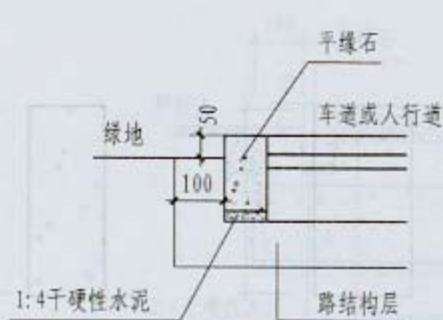
立缘石 (120×300×745)



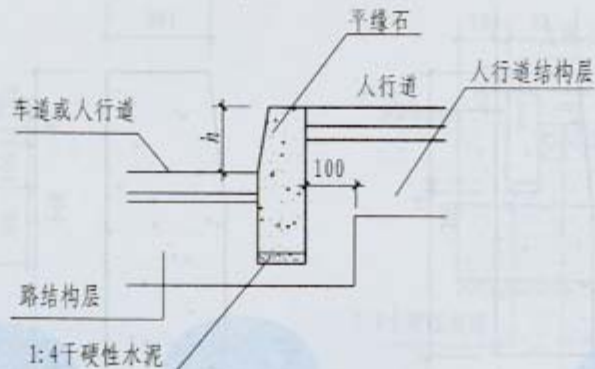
⑧

立缘石 (120×350×745)

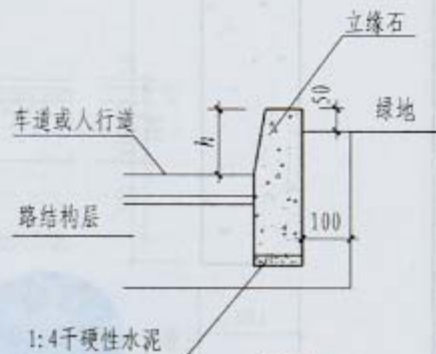
- 注: 1. 混凝土路缘石强度等级为C30, 长度可根据实际需要确定;  
2. 缘石之间采用1:3水泥砂浆勾缝, 缝宽5mm;  
3. 石材、仿木及木桩缘石需要根据实际设计尺寸加工。



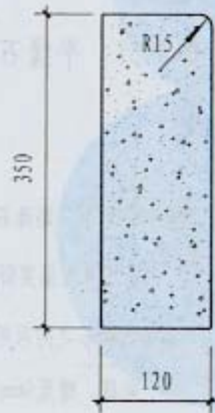
①



②

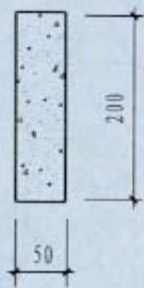


③



④

平缘石 (120×350×495)



⑤

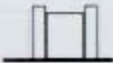
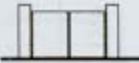
平缘石 (50×200×495)

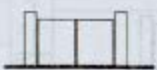
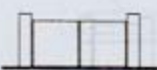
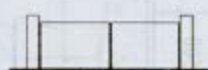
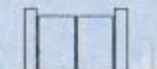
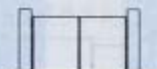
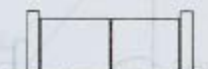
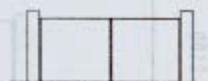
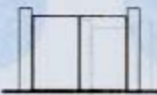
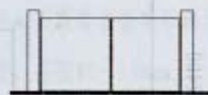
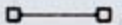


⑥

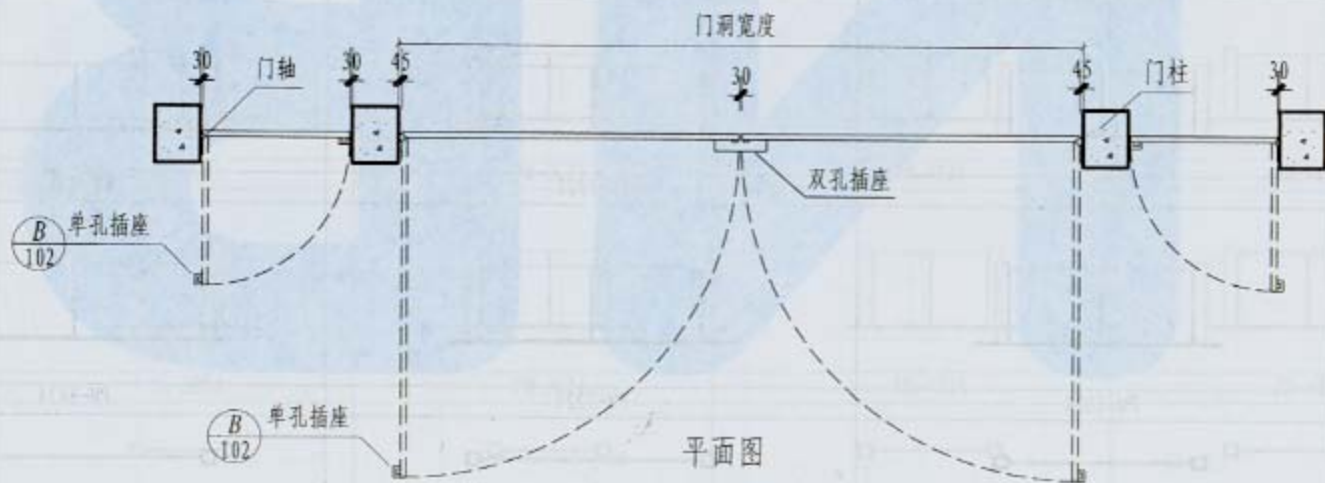
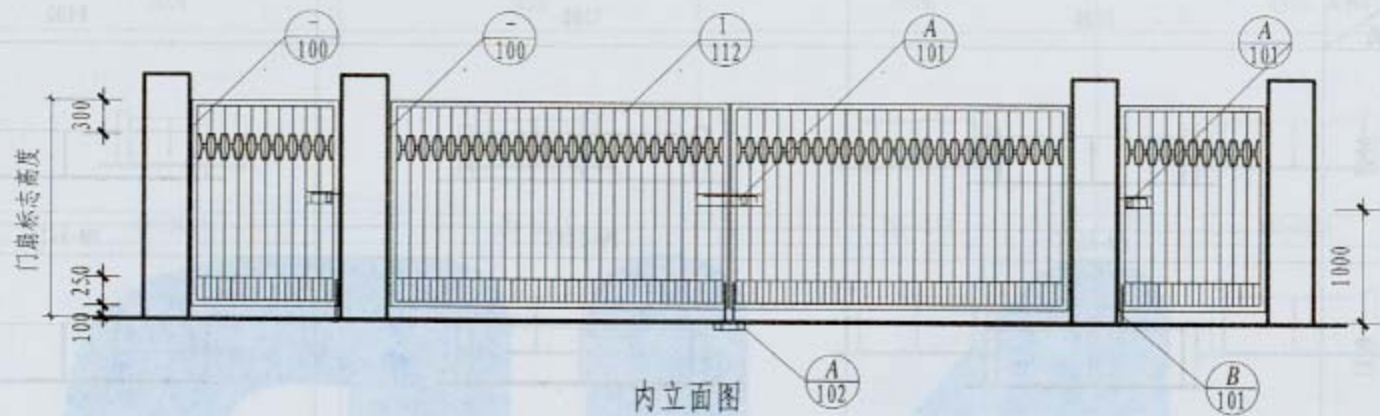
平缘石 (50×125×495)

- 注: 1. 混凝土路缘石强度等级为C30, 长度可根据实际需要确定;  
2. 缘石之间采用1:3水泥砂浆勾缝, 缝宽5mm;  
3. 石材、仿木及木桩缘石需要根据实际设计尺寸加工;  
4.  $h$ 为缘石外露高度, 范围80~150mm.

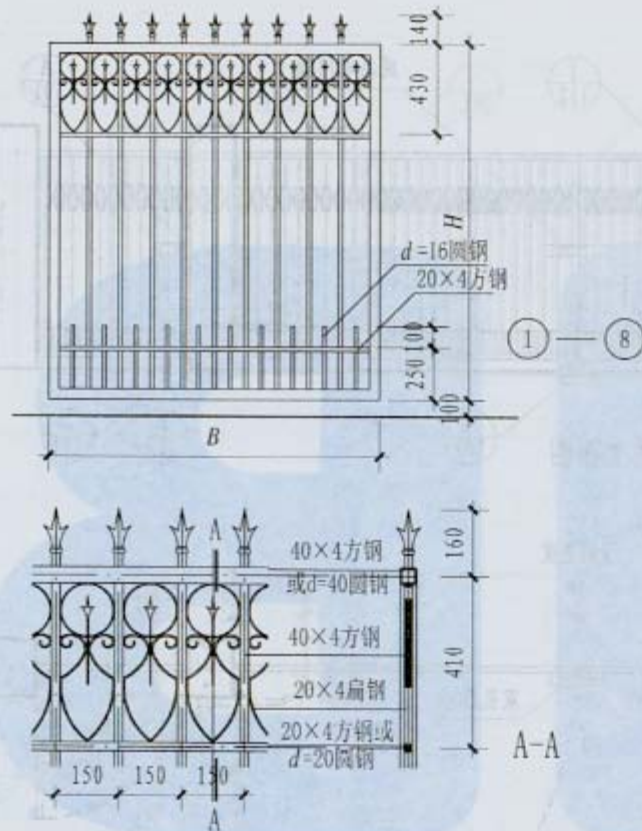
| 门洞宽<br>门高 | 900                                                                                 | 1200                                                                                | 1500                                                                                | 1800                                                                                  | 2400                                                                                  |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1500      |    |    |    |    |    |
|           | PM-0915                                                                             | PM-1215                                                                             | PM-1515                                                                             | PM-1815                                                                               | PM-2415                                                                               |
| 1800      |    |    |    |    |    |
|           | PM-0918                                                                             | PM-1218                                                                             | PM-1518                                                                             | PM-1818                                                                               | PM-2418                                                                               |
| 2100      |    |    |    |    |    |
|           | PM-0921                                                                             | PM-1221                                                                             | PM-1521                                                                             | PM-1821                                                                               | PM-2421                                                                               |
| 2400      |    |    |    |    |    |
|           | PM-0924                                                                             | PM-1224                                                                             | PM-1524                                                                             | PM-1824                                                                               | PM-2424                                                                               |
| 平面        |  |  |  |  |  |

| 门洞宽<br>门高 | 3000                                                                                         | 3600                                                                                         | 4200                                                                                           | 4800                                                                                           |
|-----------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 1500      | <br>PM-3015 | <br>PM-3615 | <br>PM-4215 | <br>PM-4815 |
| 1800      | <br>PM-3018 | <br>PM-3618 | <br>PM-4218 | <br>PM-4818 |
| 2100      | <br>PM-3021 | <br>PM-3621 | <br>PM-4221 | <br>PM-4821 |
| 2400      | <br>PM-3024 | <br>PM-3624 | <br>PM-4224 | <br>PM-4824 |
| 平面        |           |           |           |           |

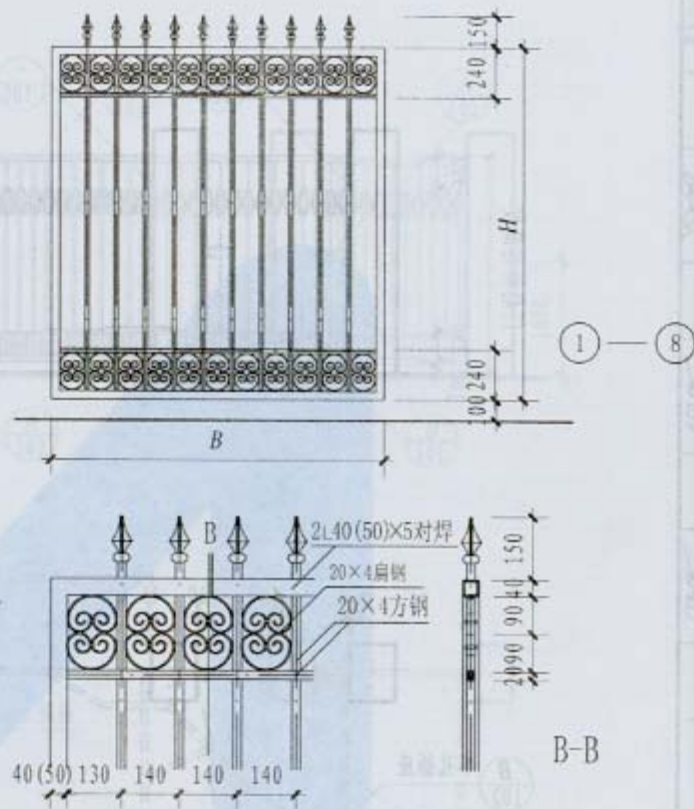
| 门洞宽  | 6000    | 7200    | 8400    |
|------|---------|---------|---------|
| 门高   |         |         |         |
| 1500 |         |         |         |
|      | PM-6015 | PM-7215 | PM-8415 |
| 1800 |         |         |         |
|      | PM-6018 | PM-7218 | PM-8418 |
| 2100 |         |         |         |
|      |         | PM-7221 | PM-8421 |
| 2400 |         |         |         |
|      | PM-6024 | PM-7224 | PM-8424 |
| 平面   |         |         |         |



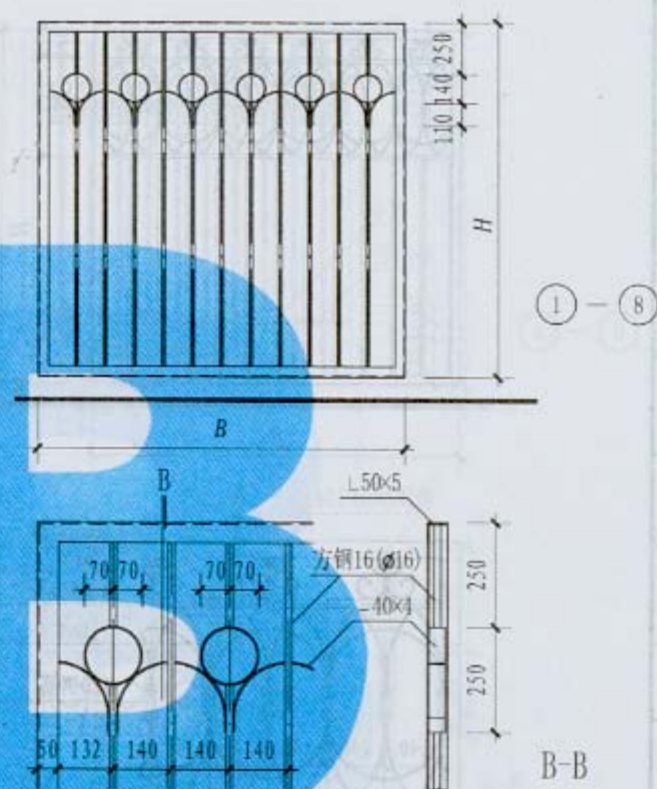
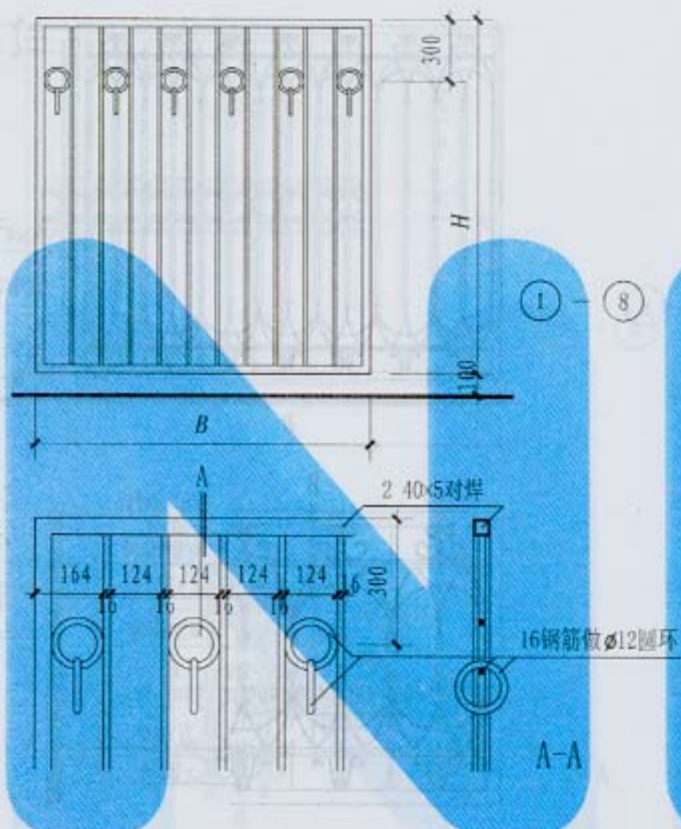




| 编号 | 规格   |      | 边框型钢规格                      | 编号 | 规格   |      | 边框型钢规格                      |
|----|------|------|-----------------------------|----|------|------|-----------------------------|
|    | B    | H    |                             |    | B    | H    |                             |
| ①  | 1110 | 1400 | 40x40方钢<br>或角钢对焊<br>或d=40圆钢 | ⑤  | 1110 | 1700 | 40x40方钢<br>或角钢对焊<br>或d=40圆钢 |
| ②  | 1410 | 1400 |                             | ⑥  | 1410 | 1700 |                             |
| ③  | 1710 | 1400 |                             | ⑦  | 1710 | 1700 |                             |
| ④  | 2010 | 1400 |                             | ⑧  | 2010 | 1700 |                             |

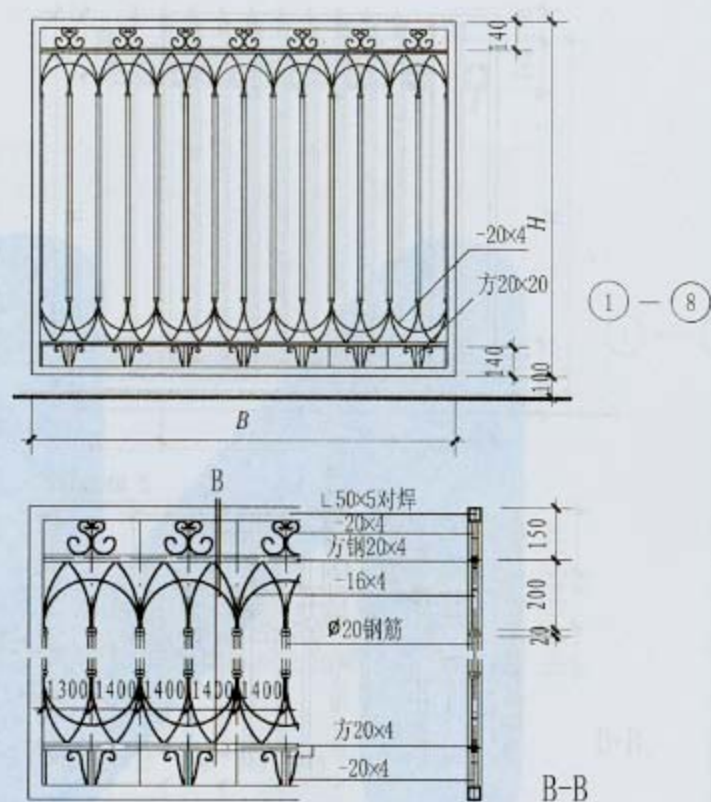
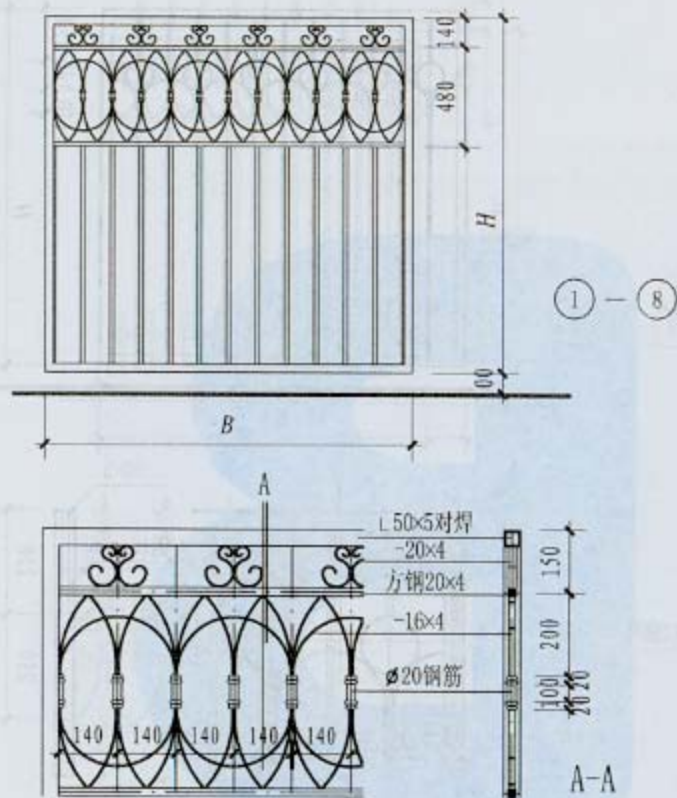


| 编号 | 规格   |      | 边框角钢规格                 | 编号 | 规格   |      | 边框型钢规格                 |
|----|------|------|------------------------|----|------|------|------------------------|
|    | B    | H    |                        |    | B    | H    |                        |
| ①  | 1044 | 1400 | 40(50)方钢或<br>L40(50)对焊 | ⑤  | 1044 | 1700 | 40(50)方钢或<br>L40(50)对焊 |
| ②  | 1324 | 1400 |                        | ⑥  | 1324 | 1700 |                        |
| ③  | 1604 | 1400 |                        | ⑦  | 1604 | 1700 |                        |
| ④  | 1884 | 1400 |                        | ⑧  | 1884 | 1700 |                        |



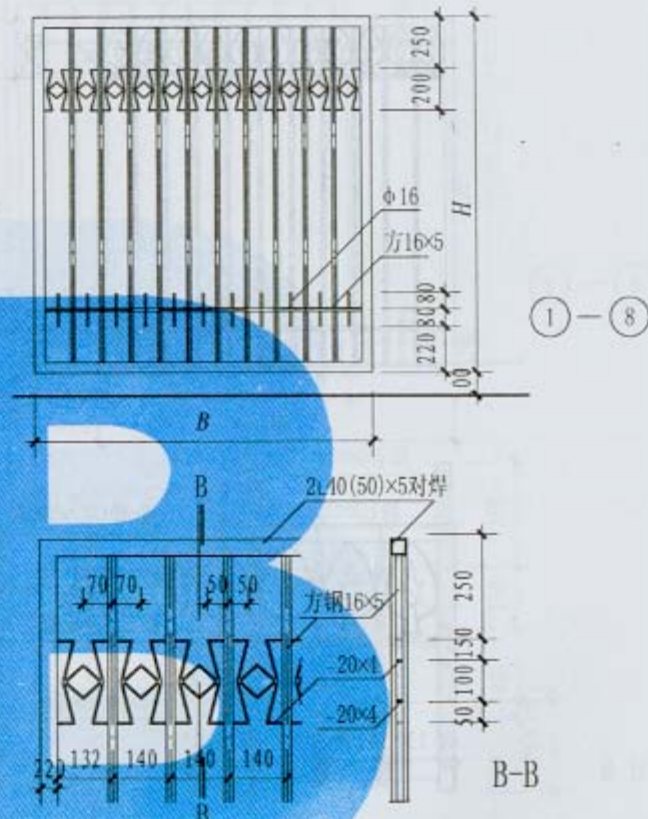
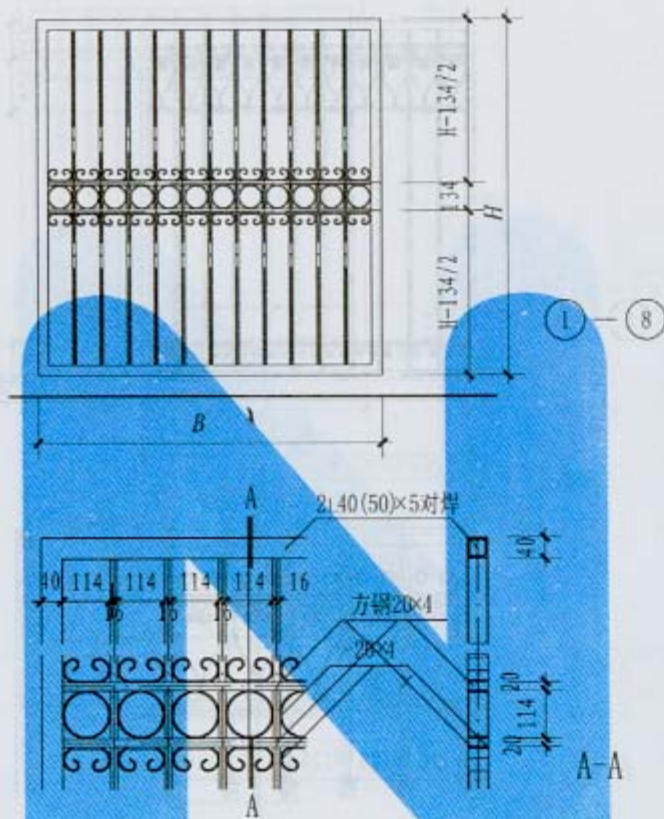
| 编号 | 规格   |      | 边框型钢规格  | 编号 | 规格   |      | 边框型钢规格  |
|----|------|------|---------|----|------|------|---------|
|    | B    | H    |         |    | B    | H    |         |
| ①  | 1044 | 1400 | 40×40方钢 | ⑤  | 1044 | 1700 | 40×40方钢 |
| ②  | 1324 | 1400 | (角钢对焊)  | ⑥  | 1324 | 1700 | (角钢对焊)  |
| ③  | 1604 | 1400 | 或       | ⑦  | 1604 | 1700 | 或       |
| ④  | 1884 | 1400 | d=40圆钢  | ⑧  | 1884 | 1700 | d=40圆钢  |

| 编号 | 规格   |      | 边框型钢规格 | 编号 | 规格   |      | 边框型钢规格 |
|----|------|------|--------|----|------|------|--------|
|    | B    | H    |        |    | B    | H    |        |
| ①  | 1064 | 1400 | 50×5角钢 | ⑤  | 1064 | 1700 | 50×5角钢 |
| ②  | 1344 | 1400 | (角钢对焊) | ⑥  | 1344 | 1700 | (角钢对焊) |
| ③  | 1624 | 1400 | 或      | ⑦  | 1624 | 1700 | 或      |
| ④  | 1904 | 1400 | d=40圆钢 | ⑧  | 1904 | 1700 | d=40圆钢 |



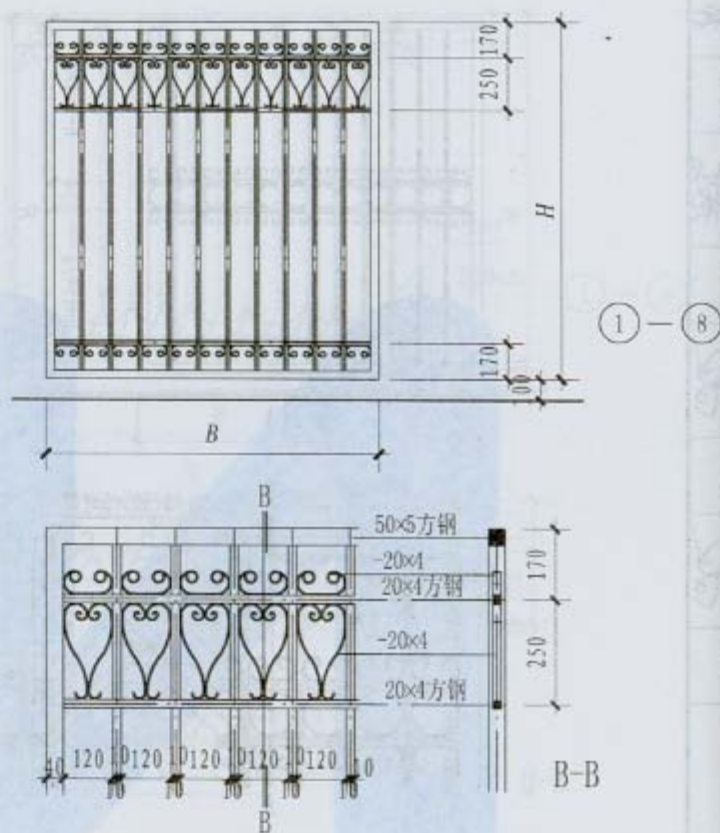
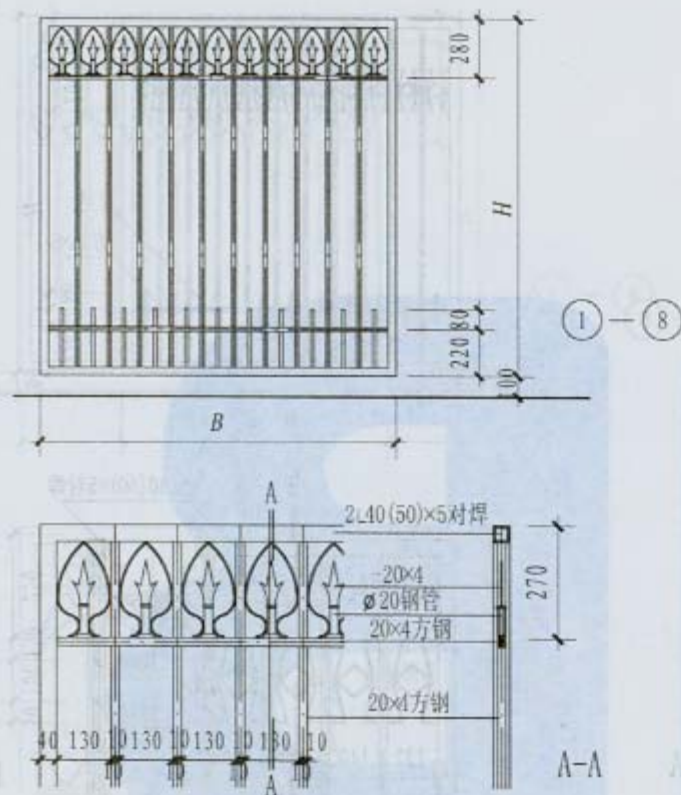
| 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                  | 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                  |
|-----|------|------|---------------------------------|-----|------|------|---------------------------------|
|     | B    | H    |                                 |     | B    | H    |                                 |
| ①   | 1200 | 1400 | 50x5角钢<br>(角钢对焊)<br>或<br>d=40圆钢 | ⑤   | 1200 | 1700 | 50x5角钢<br>(角钢对焊)<br>或<br>d=40圆钢 |
| ②   | 1480 | 1400 |                                 | ⑥   | 1480 | 1700 |                                 |
| ③   | 1760 | 1400 |                                 | ⑦   | 1760 | 1700 |                                 |
| ④   | 2040 | 1400 |                                 | ⑧   | 2040 | 1700 |                                 |

| 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                  | 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                  |
|-----|------|------|---------------------------------|-----|------|------|---------------------------------|
|     | B    | H    |                                 |     | B    | H    |                                 |
| ①   | 1200 | 1400 | 50x5角钢<br>(角钢对焊)<br>或<br>d=40圆钢 | ⑤   | 1200 | 1700 | 50x5角钢<br>(角钢对焊)<br>或<br>d=40圆钢 |
| ②   | 1480 | 1400 |                                 | ⑥   | 1480 | 1700 |                                 |
| ③   | 1760 | 1400 |                                 | ⑦   | 1760 | 1700 |                                 |
| ④   | 2040 | 1400 |                                 | ⑧   | 2040 | 1700 |                                 |



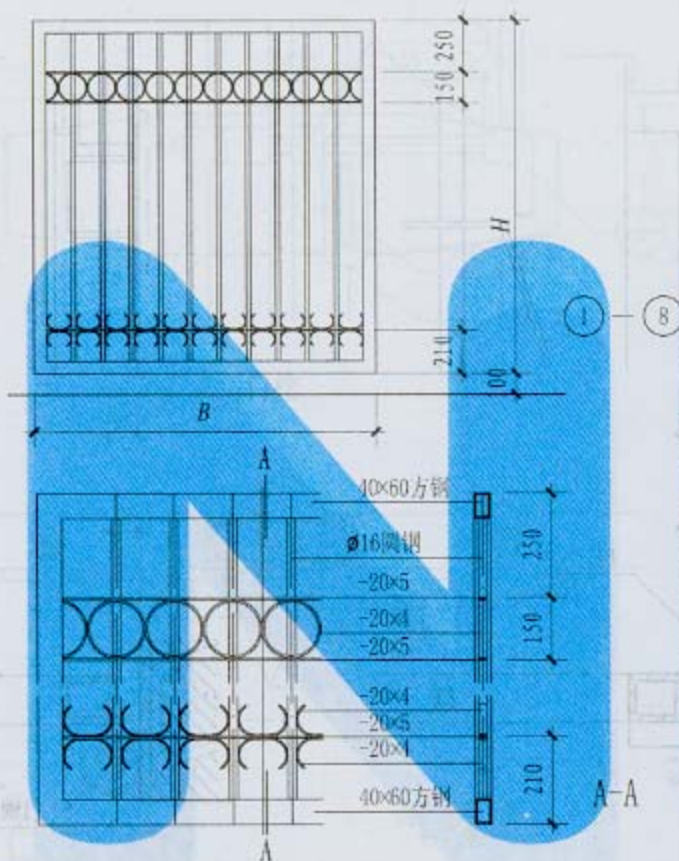
| 编号 | 规格   |      | 边框型钢规格               | 编号 | 规格   |      | 边框型钢规格               |
|----|------|------|----------------------|----|------|------|----------------------|
|    | B    | H    |                      |    | B    | H    |                      |
| ①  | 1104 | 1400 | 40(50)×5方钢<br>(角钢对焊) | ⑤  | 1104 | 1700 | 40(50)×5方钢<br>(角钢对焊) |
| ②  | 1364 | 1400 |                      | ⑥  | 1364 | 1700 |                      |
| ③  | 1624 | 1400 |                      | ⑦  | 1624 | 1700 |                      |
| ④  | 1884 | 1400 |                      | ⑧  | 1884 | 1700 |                      |

| 编号 | 规格   |      | 边框型钢规格               | 编号 | 规格   |      | 边框型钢规格               |
|----|------|------|----------------------|----|------|------|----------------------|
|    | B    | H    |                      |    | B    | H    |                      |
| ①  | 1044 | 1400 | 40(50)×5方钢<br>(角钢对焊) | ⑤  | 1044 | 1700 | 40(50)×5方钢<br>(角钢对焊) |
| ②  | 1324 | 1400 |                      | ⑥  | 1324 | 1700 |                      |
| ③  | 1604 | 1400 |                      | ⑦  | 1604 | 1700 |                      |
| ④  | 1884 | 1400 |                      | ⑧  | 1884 | 1700 |                      |

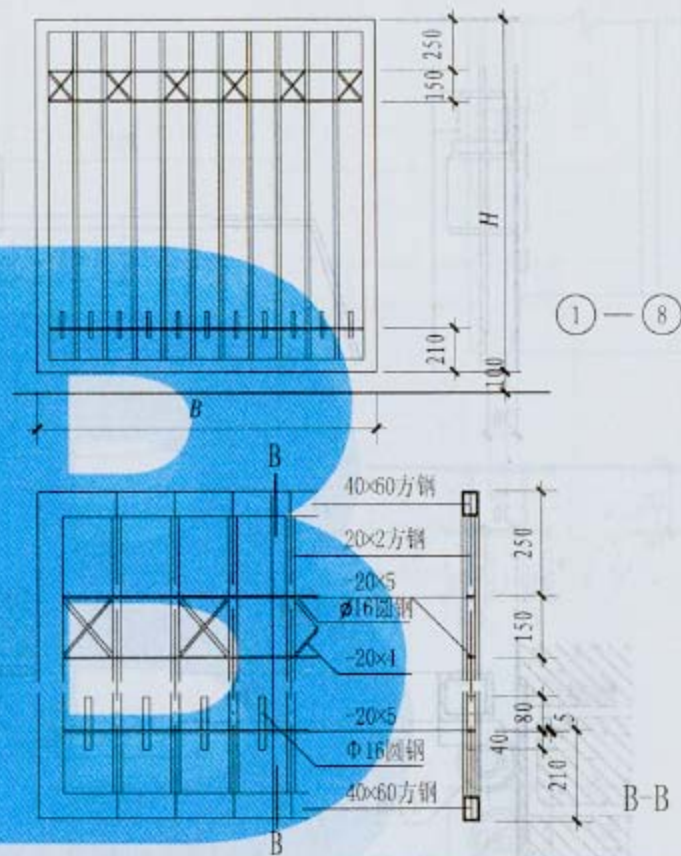


| 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                 | 编 号 | 规 格  |      | 边 框 型<br>钢 规 格                 |
|-----|------|------|--------------------------------|-----|------|------|--------------------------------|
|     | B    | H    |                                |     | B    | H    |                                |
| ①   | 1110 | 1400 | 40(50)×5方钢<br>或角钢对焊<br>或d=40圆钢 | ⑤   | 1110 | 1700 | 40(50)×5方钢<br>或角钢对焊<br>或d=40圆钢 |
| ②   | 1410 | 1400 |                                | ⑥   | 1410 | 1700 |                                |
| ③   | 1710 | 1400 |                                | ⑦   | 1710 | 1700 |                                |
| ④   | 2010 | 1400 |                                | ⑧   | 2010 | 1700 |                                |

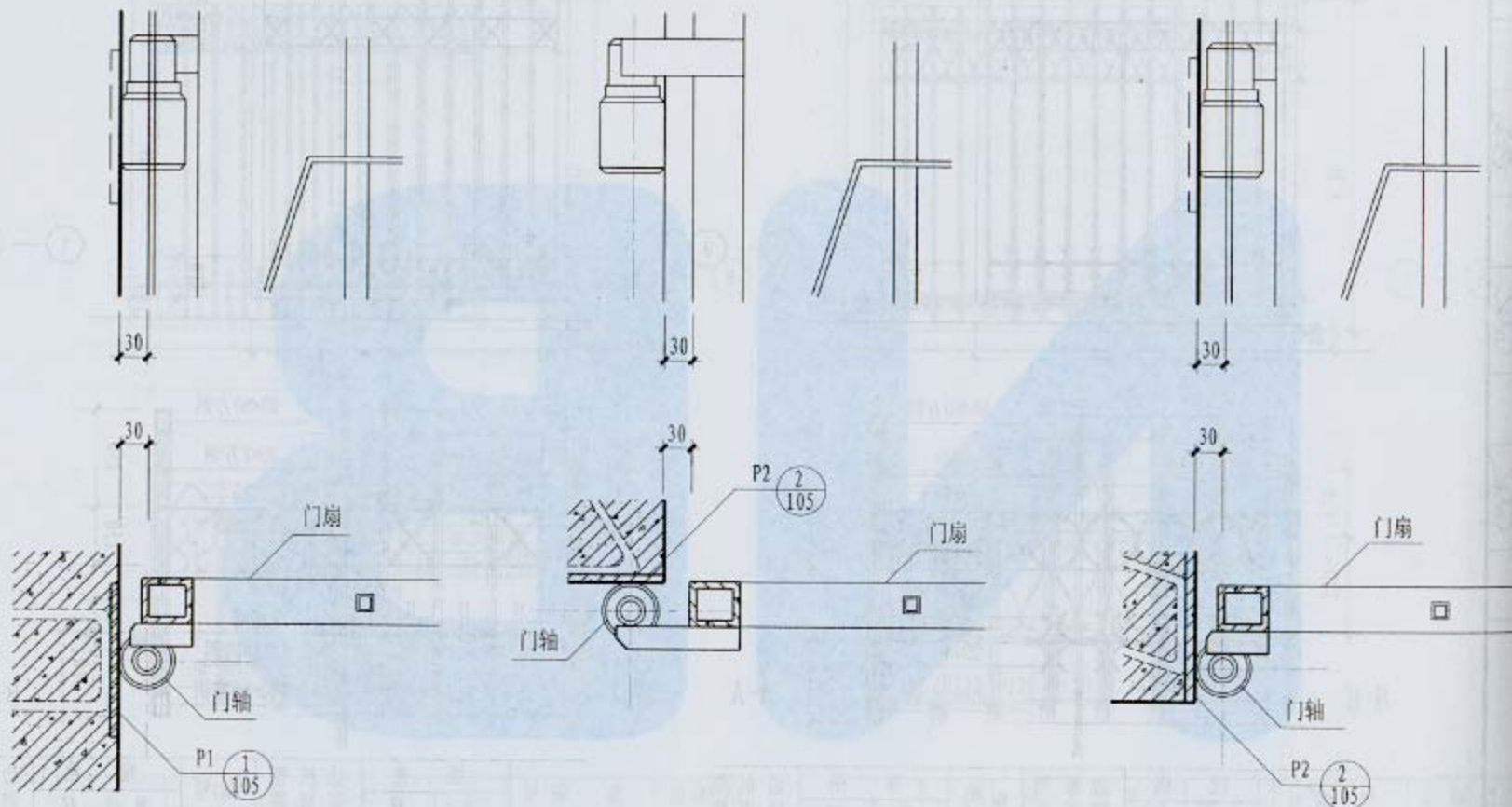
| 编 号 | 规 格  |      | 边 框 型<br>钢 规 格       | 编 号 | 规 格  |      | 边 框 型<br>钢 规 格       |
|-----|------|------|----------------------|-----|------|------|----------------------|
|     | B    | H    |                      |     | B    | H    |                      |
| ①   | 1040 | 1400 | 40(50)×5方钢<br>(角钢对焊) | ⑤   | 1044 | 1700 | 40(50)×5方钢<br>(角钢对焊) |
| ②   | 1320 | 1400 |                      | ⑥   | 1324 | 1700 |                      |
| ③   | 1600 | 1400 |                      | ⑦   | 1604 | 1700 |                      |
| ④   | 1880 | 1400 |                      | ⑧   | 1884 | 1700 |                      |



| 编号 | 规格   |      | 边框型钢规格            | 编号 | 规格   |      | 边框型钢规格            |
|----|------|------|-------------------|----|------|------|-------------------|
|    | B    | H    |                   |    | B    | H    |                   |
| ①  | 1044 | 1400 | 40x60方钢<br>(角钢对焊) | ⑤  | 1044 | 1700 | 40x60方钢<br>(角钢对焊) |
| ②  | 1324 | 1400 |                   | ⑥  | 1324 | 1700 |                   |
| ③  | 1604 | 1400 |                   | ⑦  | 1604 | 1700 |                   |
| ④  | 1884 | 1400 |                   | ⑧  | 1884 | 1700 |                   |



| 编号 | 规格   |      | 边框型钢规格            | 编号 | 规格   |      | 边框型钢规格            |
|----|------|------|-------------------|----|------|------|-------------------|
|    | B    | H    |                   |    | B    | H    |                   |
| ①  | 1044 | 1400 | 40x60方钢<br>(角钢对焊) | ⑤  | 1044 | 1700 | 40x60方钢<br>(角钢对焊) |
| ②  | 1324 | 1400 |                   | ⑥  | 1324 | 1700 |                   |
| ③  | 1604 | 1400 |                   | ⑦  | 1604 | 1700 |                   |
| ④  | 1884 | 1400 |                   | ⑧  | 1884 | 1700 |                   |

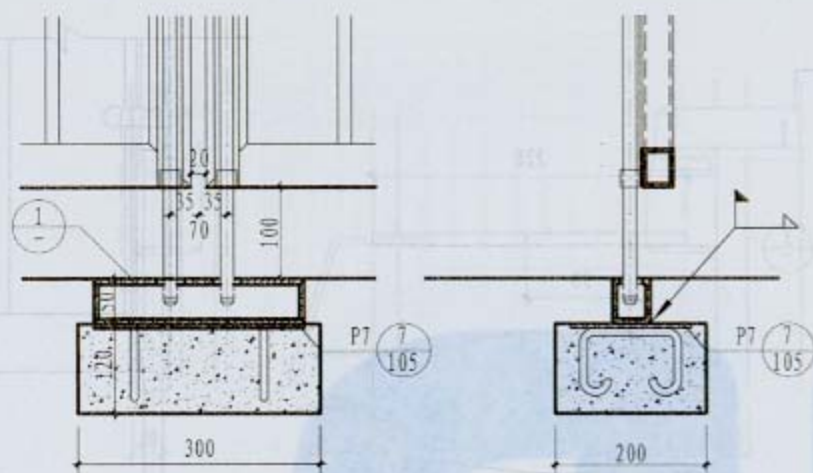


① 门扇与柱中连接

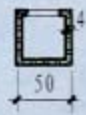
② 门扇与柱内侧连接

③ 门扇与柱边连接

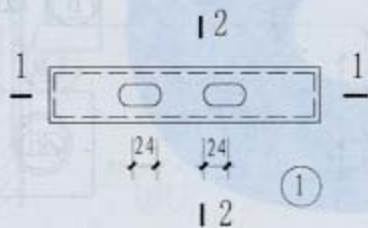




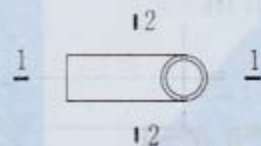
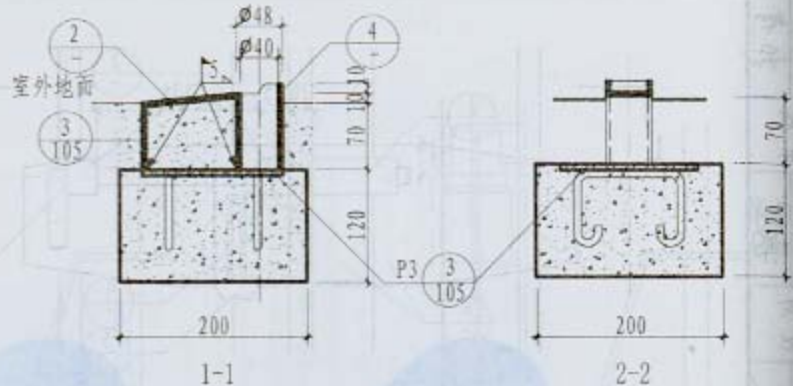
1-1



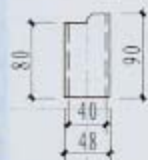
2-2



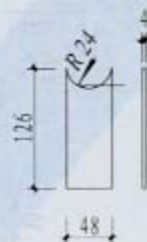
(A) 双孔插座



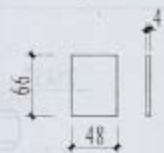
1-2



2-2



1-1



2-1

(B) 电动单孔插座

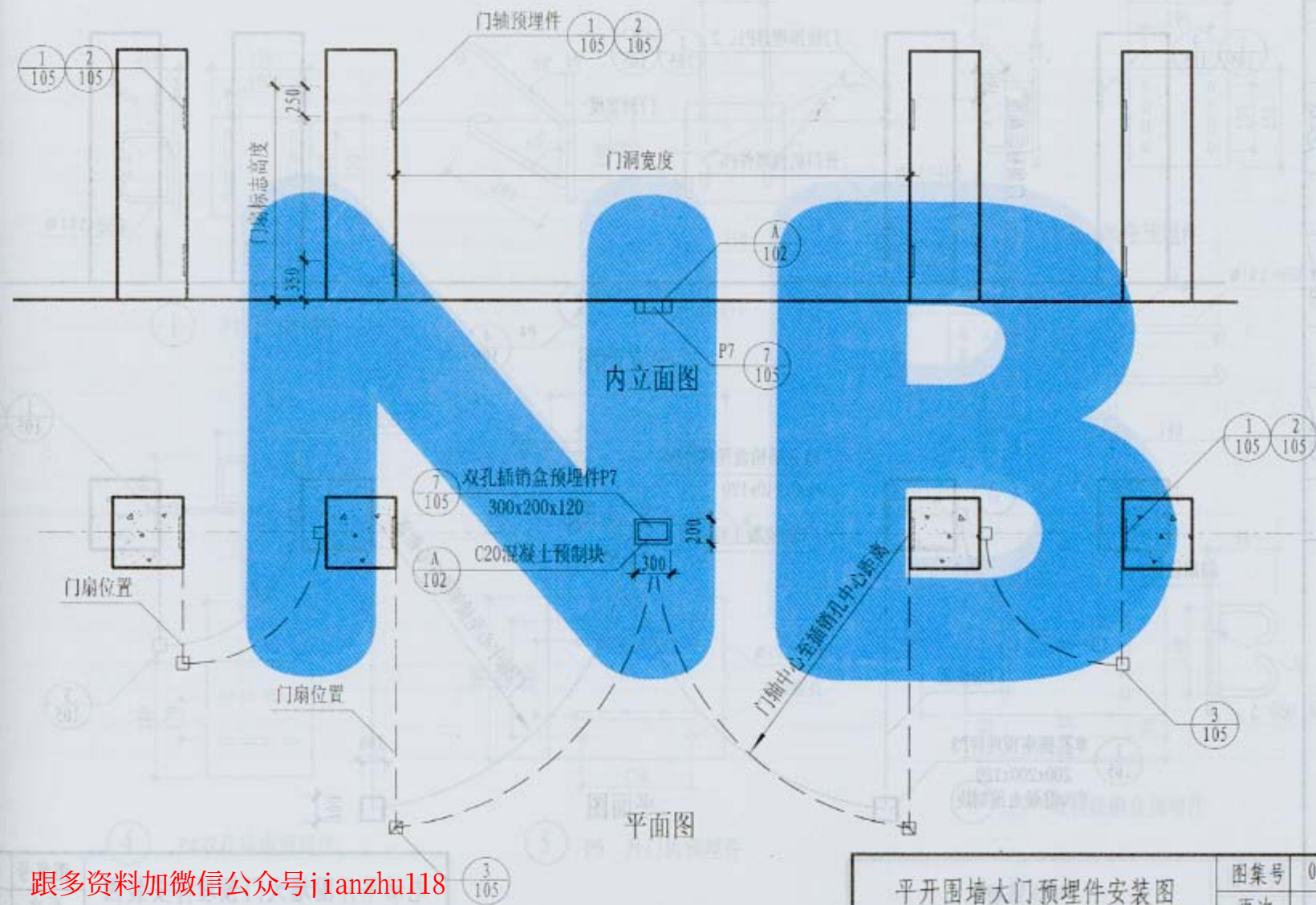
注：1. 施工预埋件 P-7 时应在安装插座前 5 天浇灌 C20 混凝土，装门时将插销盒焊在预埋件上，再用 1:2 水泥砂浆与地面抹平。

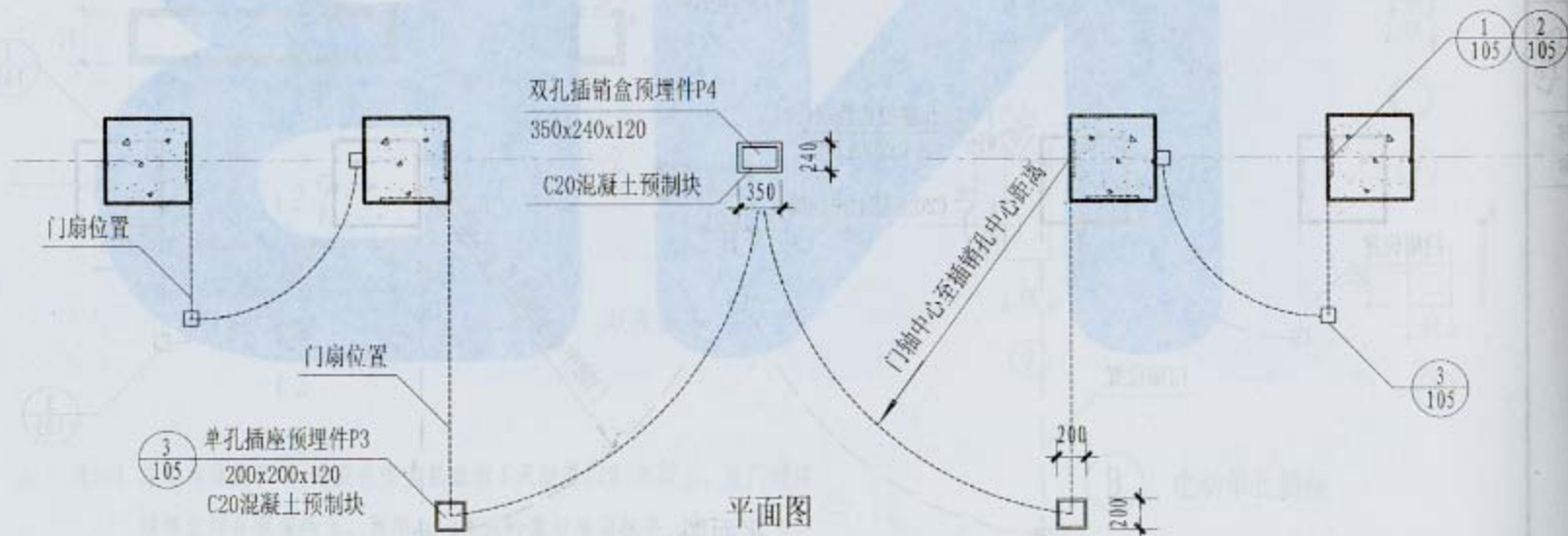
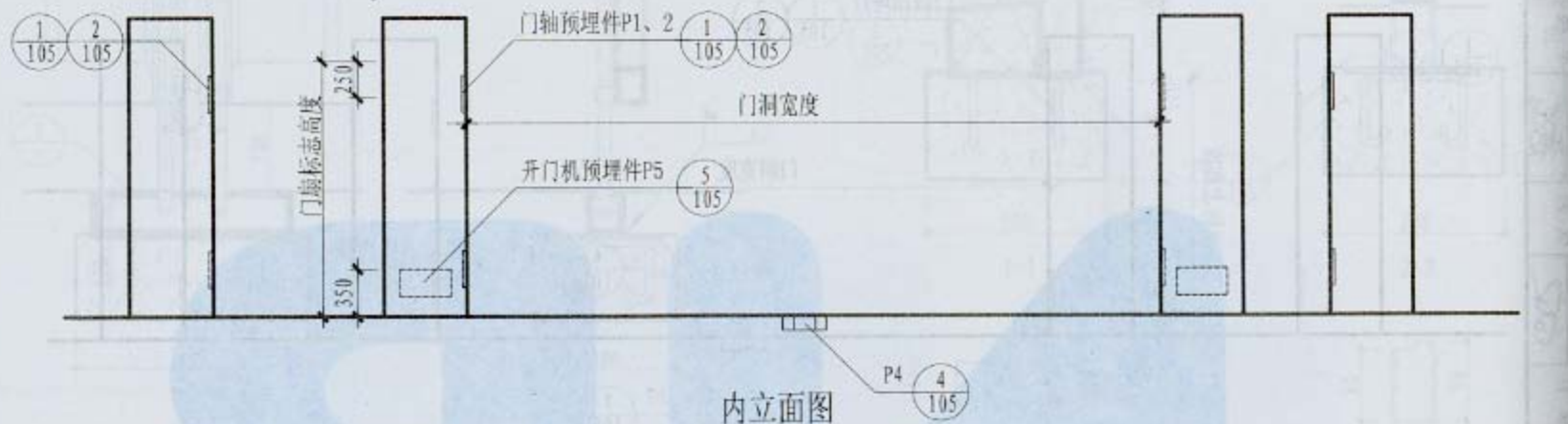
2. 电动单孔插座材料采用 Q235 普通碳素钢。

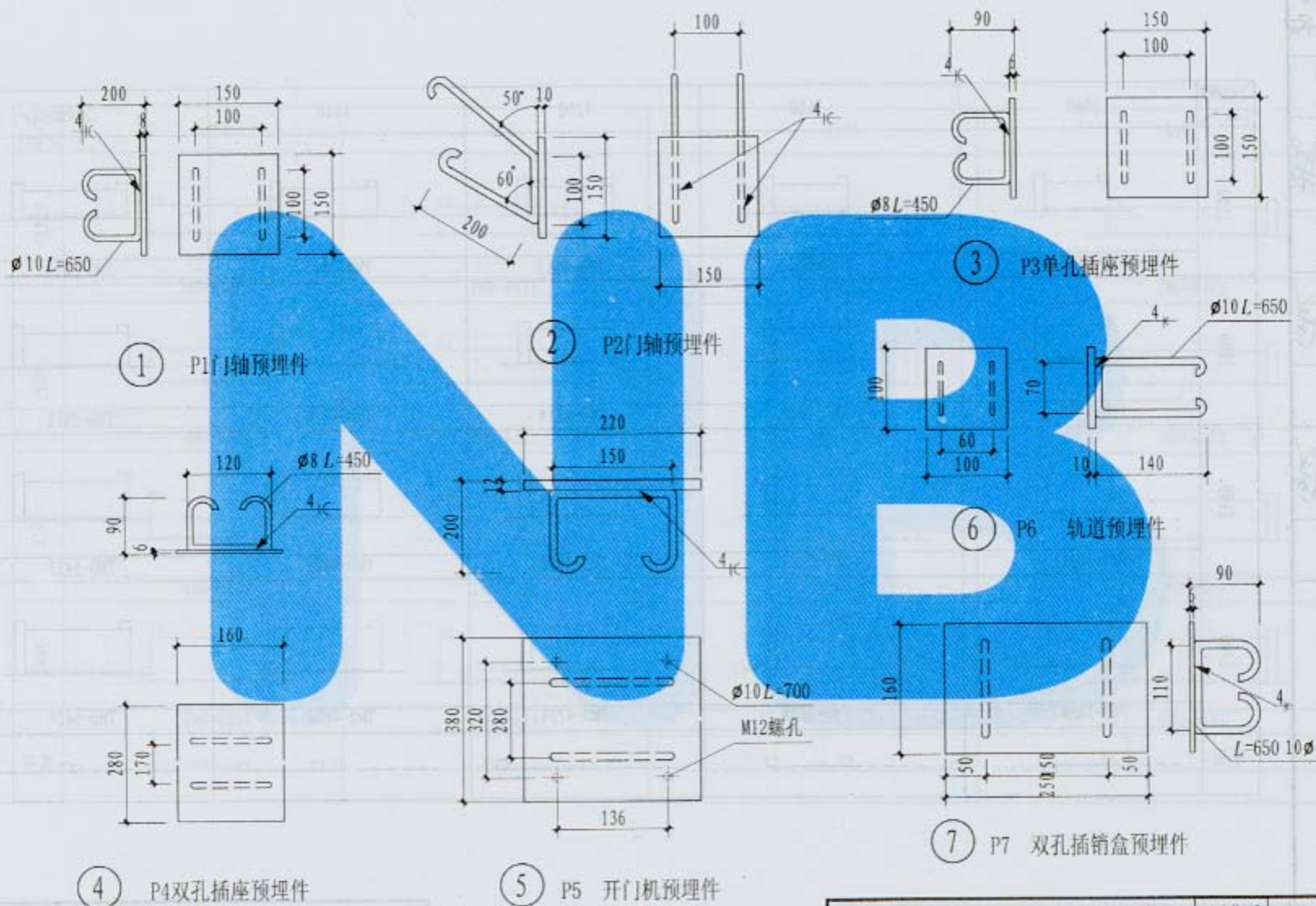
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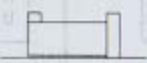
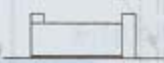
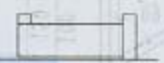
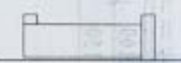
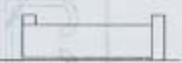
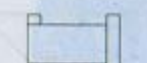
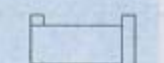
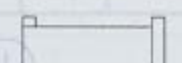
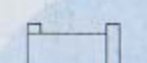
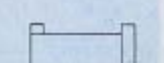
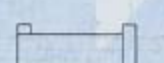
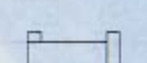
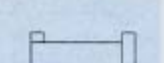
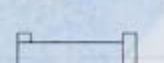
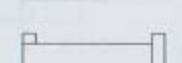
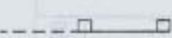
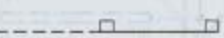
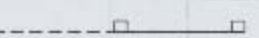
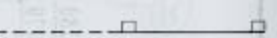
单双孔插座节点图

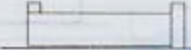
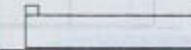
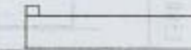
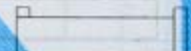
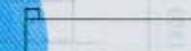
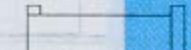
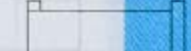
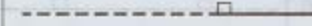
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| 图集号 | 05J9-1 |
| 页次  | 102    |



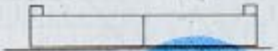
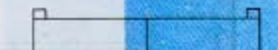


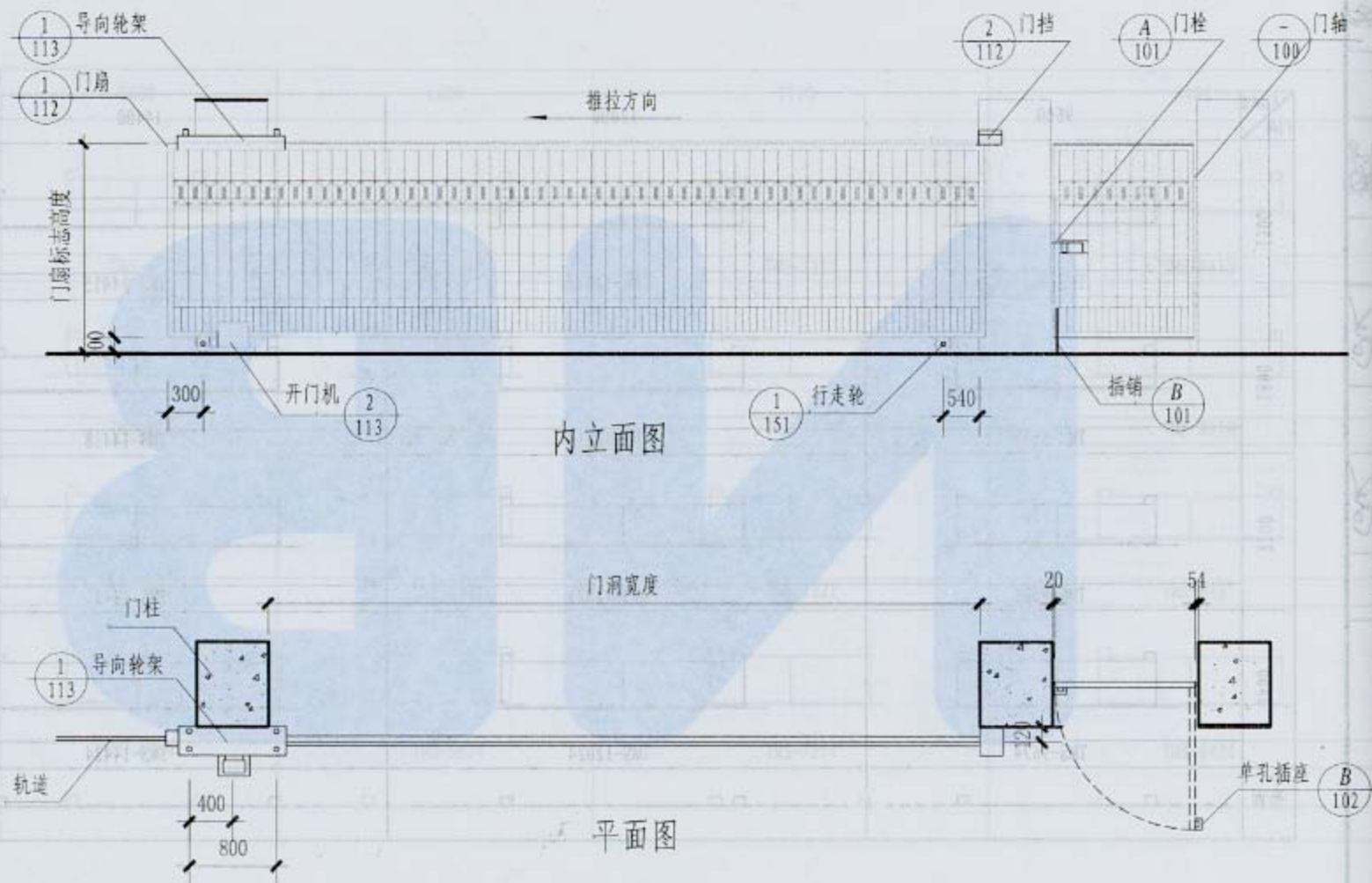


| 门宽<br>门高 | 3000                                                                              | 3600                                                                              | 4200                                                                              | 4800                                                                                | 5400                                                                                |
|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1500     |  |  |  |  |  |
|          | TMD-3015                                                                          | TMD-3615                                                                          | TMD-4215                                                                          | TMD-4815                                                                            | TMD-5415                                                                            |
| 1800     |  |  |  |  |  |
|          | TMD-3018                                                                          | TMD-3618                                                                          | TMD-4218                                                                          | TMD-4818                                                                            | TMD-5418                                                                            |
| 2100     |  |  |  |  |  |
|          | TMD-3021                                                                          | TMD-3621                                                                          | TMD-4221                                                                          | TMD-4821                                                                            | TMD-5421                                                                            |
| 2400     |  |  |  |  |  |
|          | TMD-3024                                                                          | TMD-3624                                                                          | TMD-4224                                                                          | TMD-4824                                                                            | TMD-5424                                                                            |
| 平面       |  |  |  |  |  |

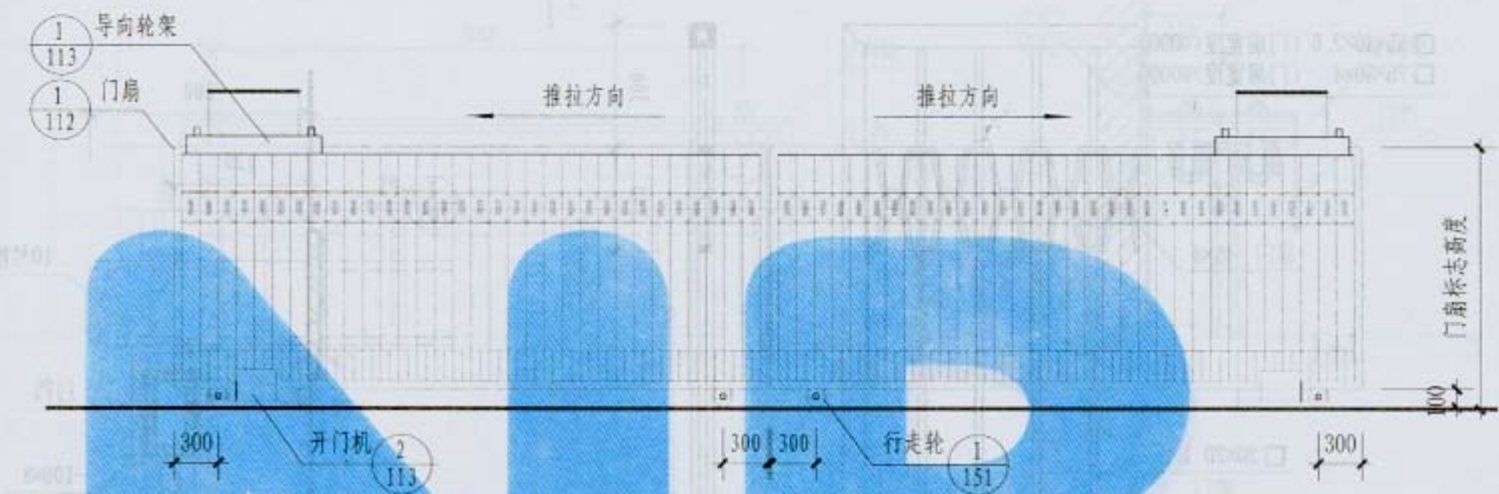
| 门高<br>mm | 6000                                                                                          | 6600                                                                                          | 7200                                                                                           | 8400                                                                                            |
|----------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1500     | <br>TMD-6015 | <br>TMD-6615 | <br>TMD-7215 | <br>TMD-8415 |
| 1800     | <br>TMD-6018 | <br>TMD-6618 | <br>TMD-7218 | <br>TMD-8418 |
| 2100     | <br>TMD-6021 | <br>TMD-6621 | <br>TMD-7221 | <br>TMD-8421 |
| 2400     | <br>TMD-6024 | <br>TMD-6624 | <br>TMD-7224 | <br>TMD-8424 |
| 平面       |              |              |              |              |

| 门洞宽  | 6000     | 6600     | 7200     | 8400     |
|------|----------|----------|----------|----------|
| 1500 |          |          |          |          |
|      | TMS-6015 | TMS-6615 | TMS-7215 | TMS-8415 |
| 1800 |          |          |          |          |
|      | TMS-6018 | TMS-6618 | TMS-7218 | TMS-8418 |
| 2100 |          |          |          |          |
|      | TMS-6021 | TMS-6621 | TMS-7221 | TMS-8421 |
| 2400 |          |          |          |          |
|      | TMS-6024 | TMS-6624 | TMS-7224 | TMS-8424 |
| 平面   |          |          |          |          |

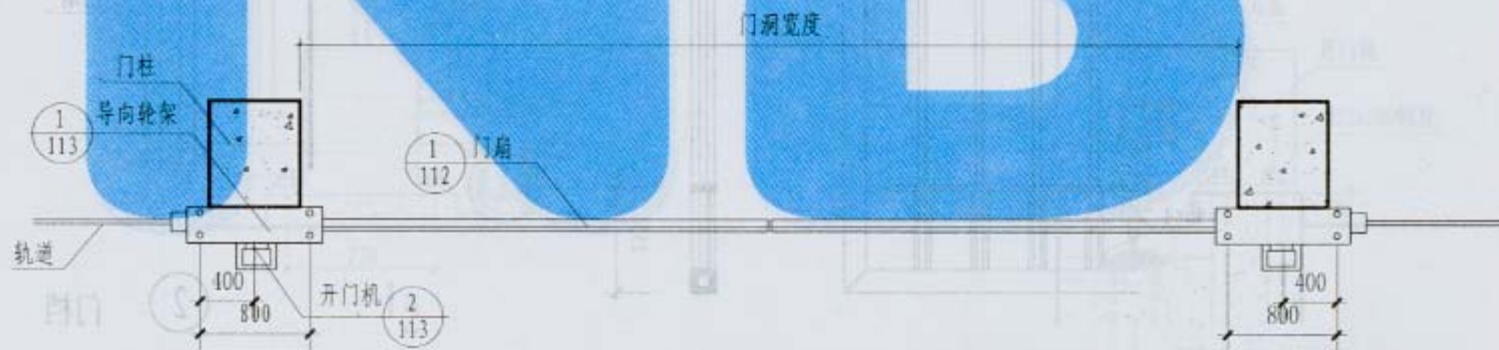
| 门宽   | 9600                                                                                          | 12000                                                                                          | 14400                                                                                            |
|------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500 | <br>TMS-9615 | <br>TMS-12015 | <br>TMS-14415 |
| 1800 | <br>TMS-9618 | <br>TMS-12018 | <br>TMS-14418 |
| 2100 | <br>TMS-9621 | <br>TMS-12021 | <br>TMS-14421 |
| 2400 | <br>TMS-9624 | <br>TMS-12024 | <br>TMS-14424 |
| 平面   |              |              |               |



注: 不安装电动开门机则为单向手动推拉大门



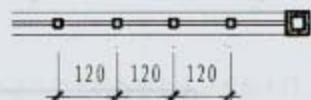
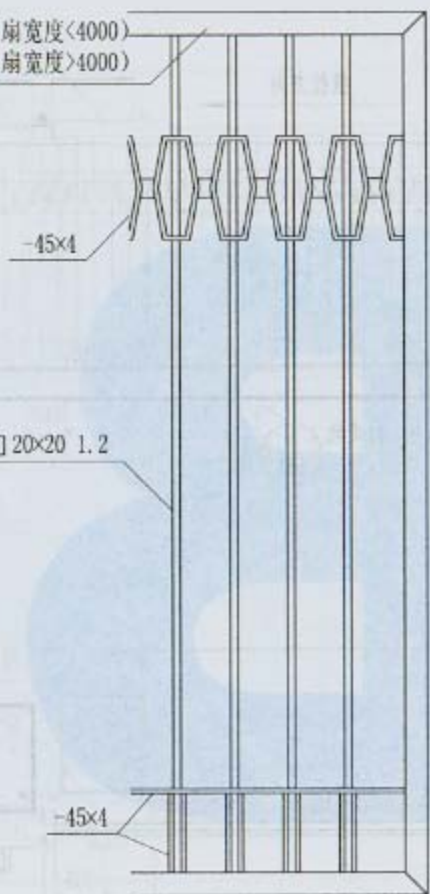
内立面图



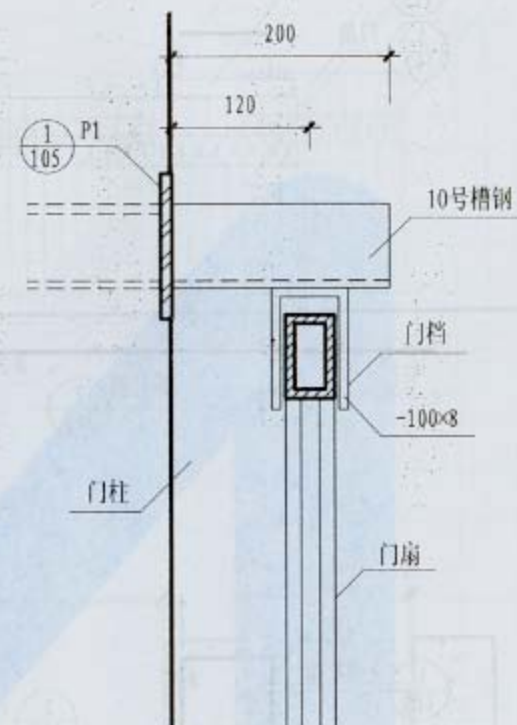
平面图

注: 不安装电动开门机则为双向手动推拉大门

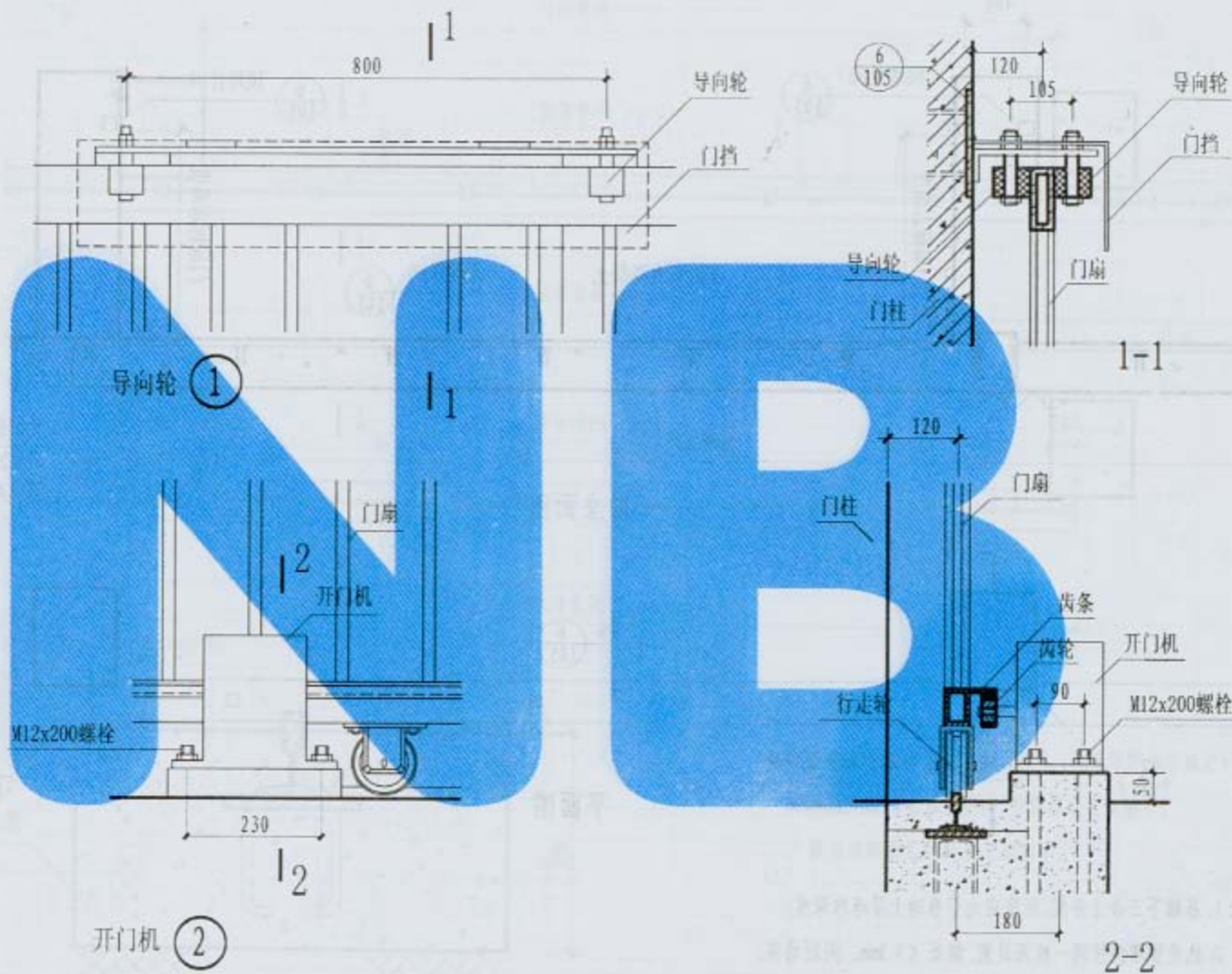
□ 55×40×2.6 (门扇宽度<4000)  
□ 75×50×4 (门扇宽度>4000)

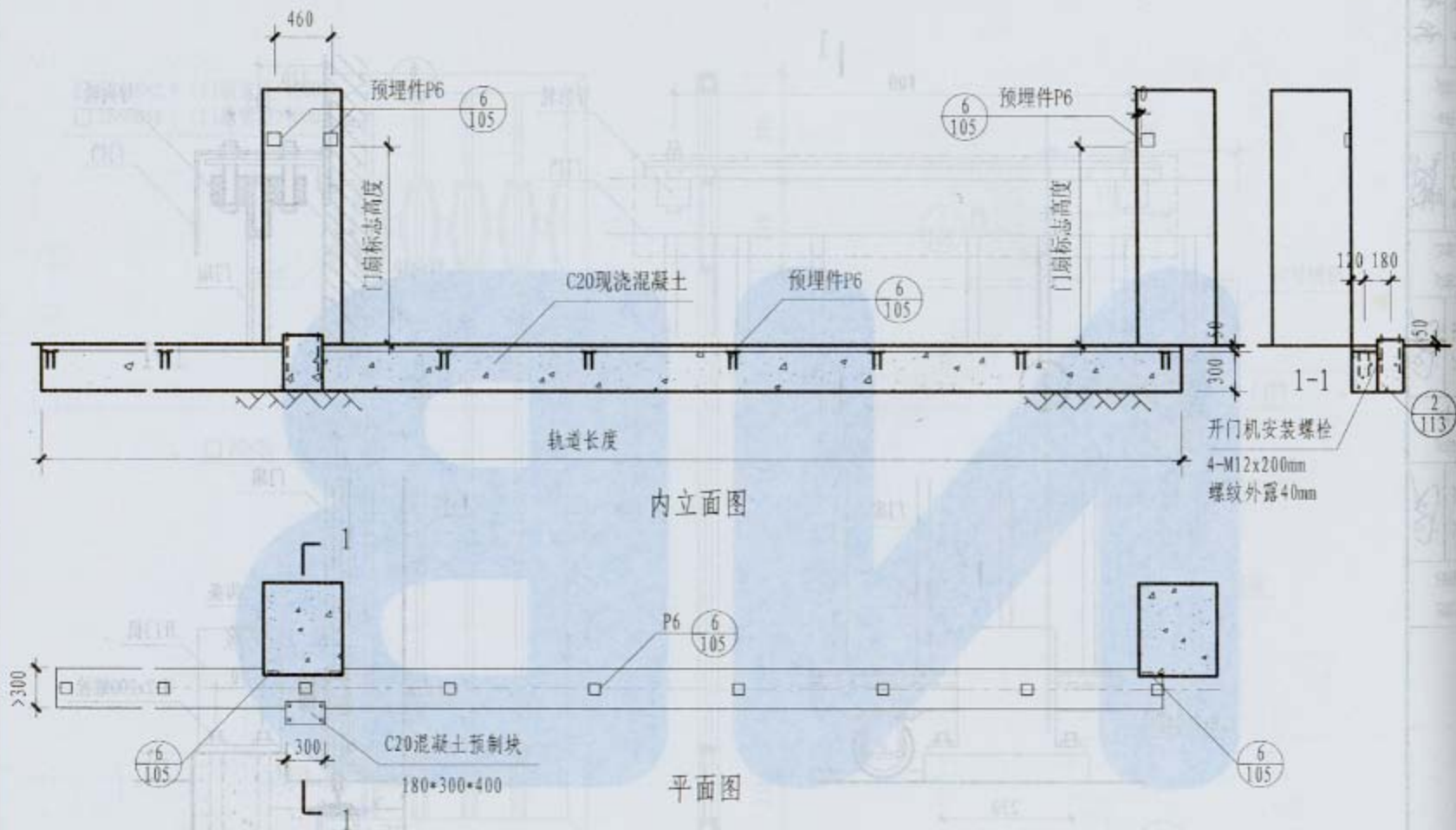


① 门扇

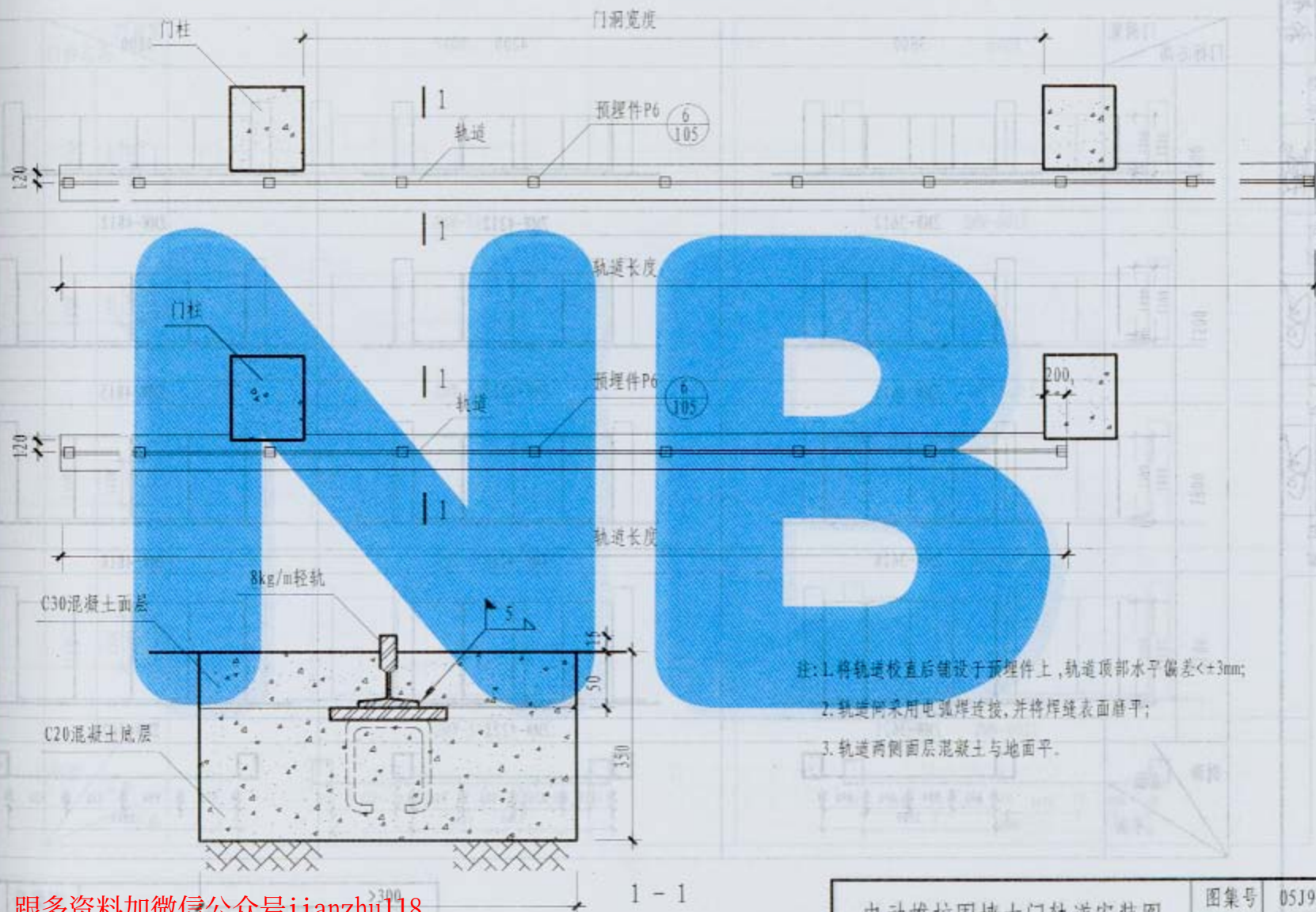


② 门档





- 注: 1. 基础下三合土夯实, 深度应大于当地土层冻结深度;  
2. 轨道预埋件按同一标高设置, 偏差  $\leq \pm 3\text{mm}$ , 间距均等;  
3. 手动门不设开门机座。

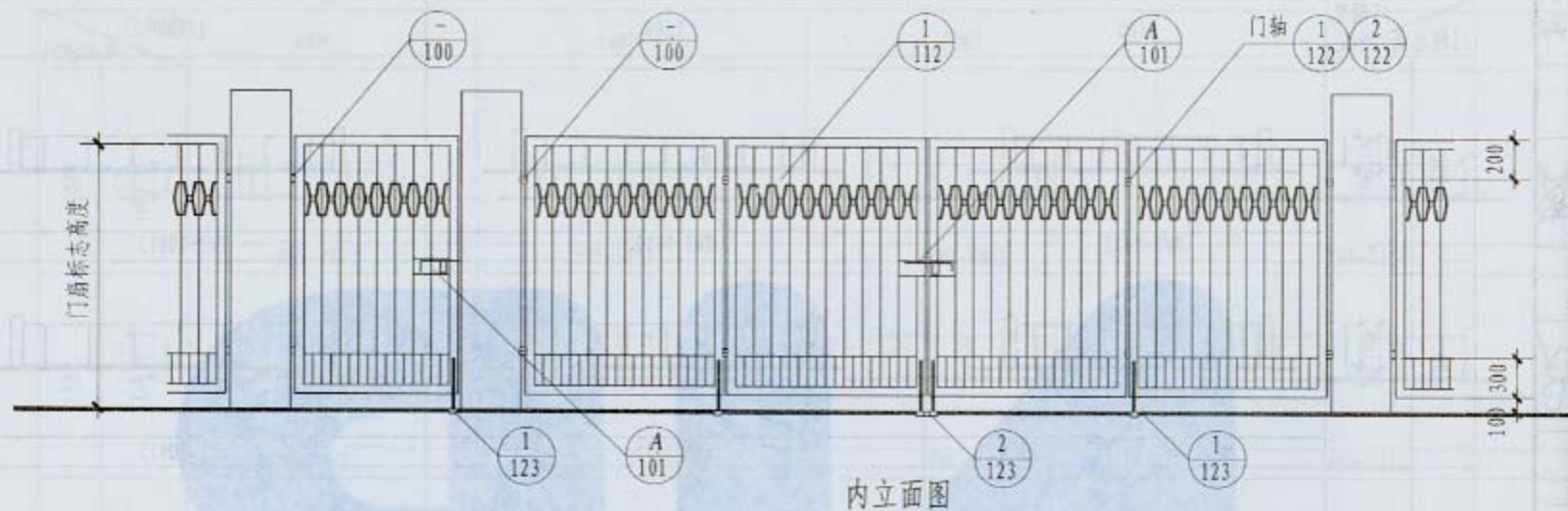


| 门标志高 \ 门洞宽 |    | 3600     | 4200     | 4800     |
|------------|----|----------|----------|----------|
| 1200       |    |          |          |          |
|            |    | ZMW-3612 | ZMW-4212 | ZMW-4812 |
| 1500       |    |          |          |          |
|            |    | ZMW-3615 | ZMW-4215 | ZMW-4815 |
| 1800       |    |          |          |          |
|            |    | ZMW-3618 | ZMW-4218 | ZMW-4818 |
| 2100       |    |          |          |          |
|            |    | ZMW-3621 | ZMW-4221 | ZMW-4821 |
| 剖面         | 立面 |          |          |          |
| 平面         |    |          |          |          |

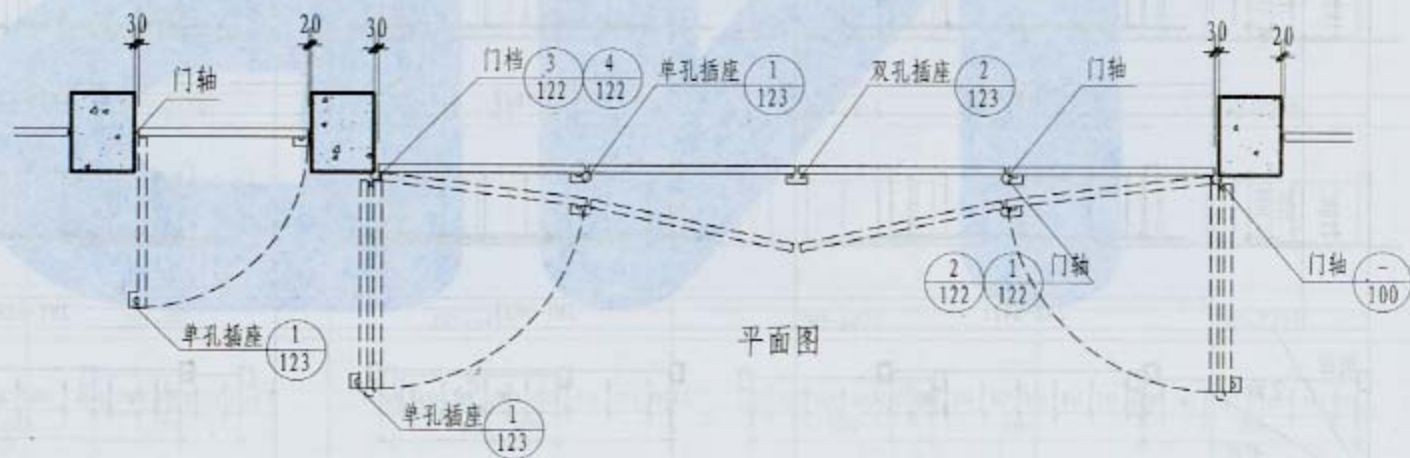
| 门标志高 |    | 门洞宽      |          |
|------|----|----------|----------|
| 1200 |    | 5400     |          |
|      |    | ZMW-5412 | ZMW-6012 |
| 1500 |    |          |          |
|      |    | ZMW-5415 | ZMW-6015 |
| 1800 |    |          |          |
|      |    | ZMW-5418 | ZMW-6018 |
| 2100 |    |          |          |
|      |    | ZMW-5421 | ZMW-6021 |
| 侧面   | 立面 | 平面       |          |
|      |    |          |          |

| 门洞宽<br>门标志高    |  | 4800     | 5400     | 6000     | 7200     |
|----------------|--|----------|----------|----------|----------|
| 1200           |  |          |          |          |          |
|                |  | ZMY-4812 | ZMY-5412 | ZMY-6012 | ZMY-7212 |
| 1500           |  |          |          |          |          |
|                |  | ZMY-4815 | ZMY-5415 | ZMY-6015 | ZMY-7215 |
| 1800           |  |          |          |          |          |
|                |  | ZMY-4818 | ZMY-5418 | ZMY-6018 | ZMY-7218 |
| 2100           |  |          |          |          |          |
|                |  | ZMY-4821 | ZMY-5421 | ZMY-6021 | ZMY-7221 |
| 剖面<br>立面<br>平面 |  |          |          |          |          |

| 门标志高 \ 门洞宽   |  | 8400     | 9600     | 10800     |
|--------------|--|----------|----------|-----------|
| 1200         |  |          |          |           |
|              |  | ZMY-8412 | ZMY-9612 | ZMY-10812 |
| 1500         |  |          |          |           |
|              |  | ZMY-8415 | ZMY-9615 | ZMY-10815 |
| 1800         |  |          |          |           |
|              |  | ZMY-8418 | ZMY-9618 | ZMY-10818 |
| 2100         |  |          |          |           |
|              |  | ZMY-8421 | ZMY-9621 | ZMY-10821 |
| 剖面 \ 立面 \ 平面 |  |          |          |           |

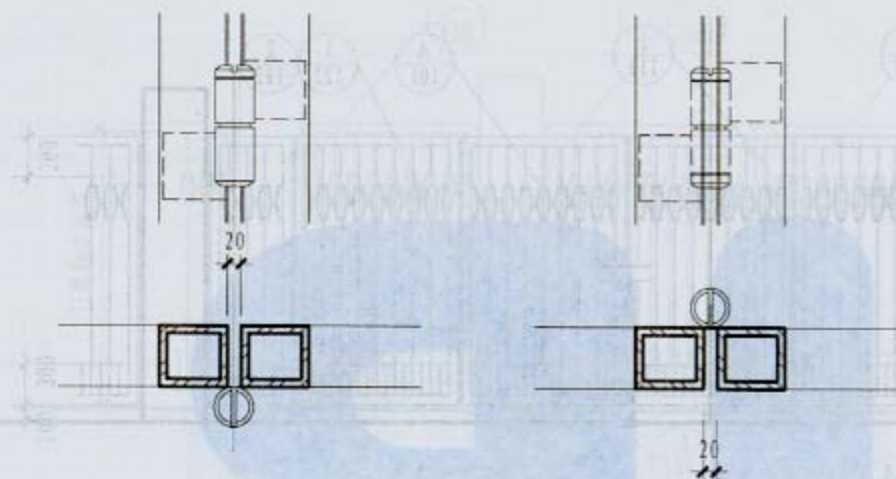


内立面图



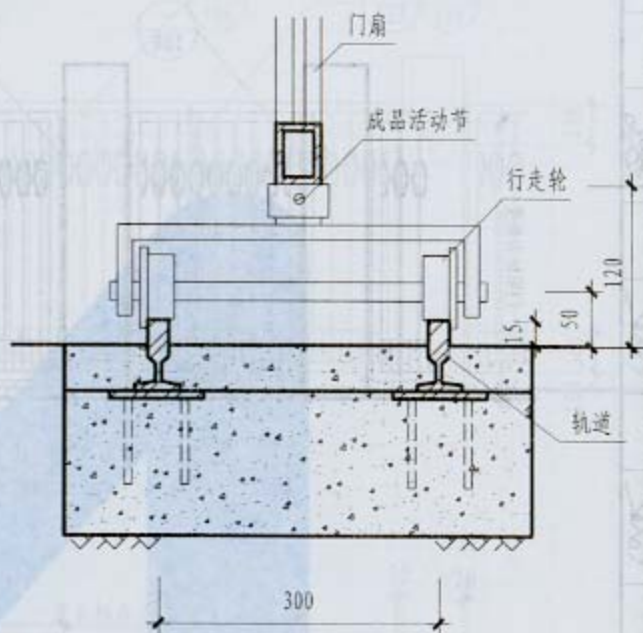
平面图



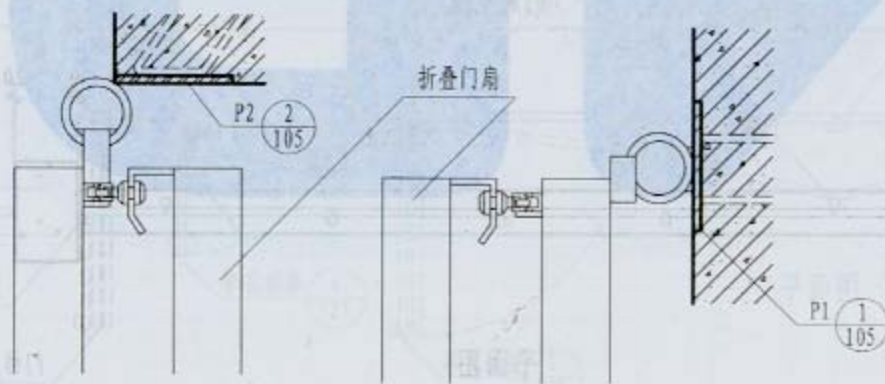


① 门轴

② 门轴

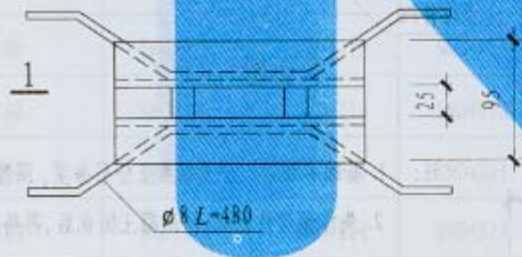
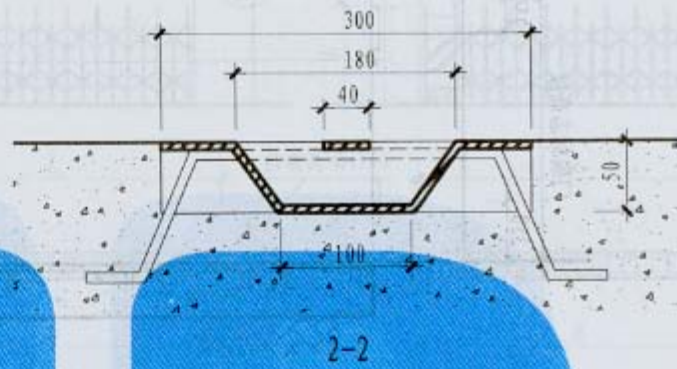
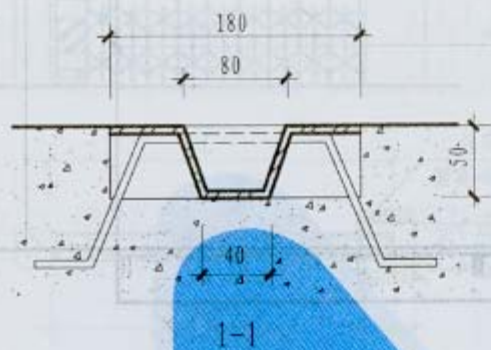


⑤ 行走轮



③ 门档

④ 门档



1



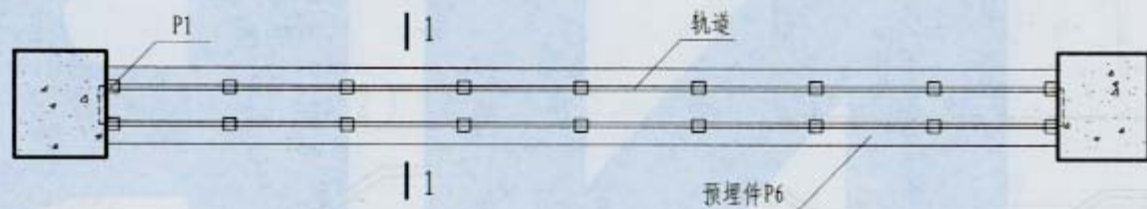
2

$\phi 8 L=480$

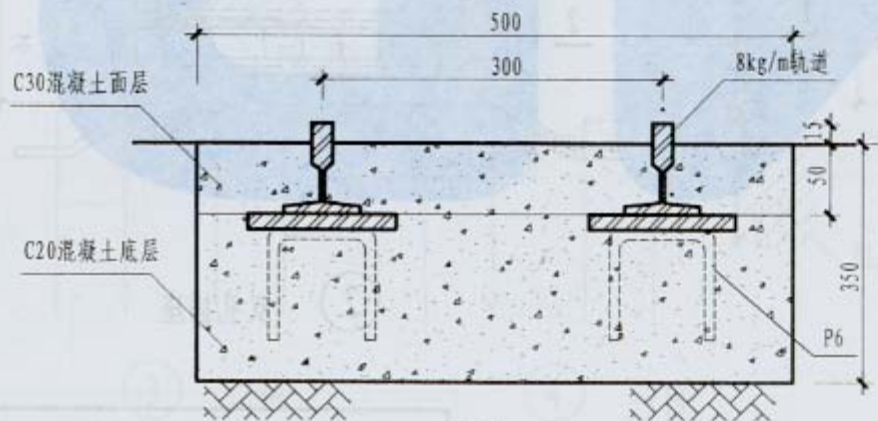
$\phi 8 L=600$

① 单孔插座

② 双孔插座

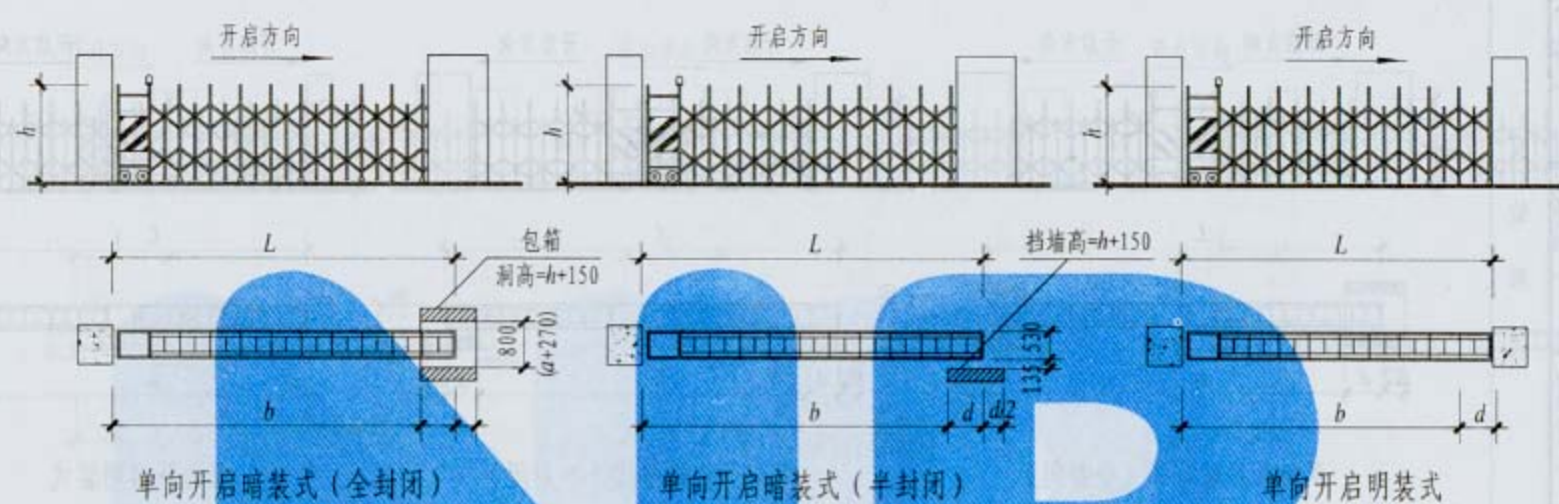


平面图



- 注: 1. 基础下部填三合土或素土分层夯实, 深度应大于冻结深度;  
2. 先作预埋件基础, 待混凝土固化后, 再将轨道与预埋件焊接, 水平度 $<0.5\%$ , 不直度全长 $<5\text{mm}$ , 轨道顶距地面偏差 $< \pm 2\text{mm}$ ;  
3. 轨道与预埋件焊好后, 用C30混凝土与地面抹平。

安  
装  
形  
式



门  
型  
选  
用  
表

| 门洞宽 $b$<br>门体高 $h$ | 3600    | 4200    | 4800    | 5400    | 6000    | 7500    | 9000    | 10500    | 12000    | 15000    |
|--------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| 1200               | SMD3612 | SMD4212 | SMD4812 | SMD5412 | SMD6012 | SMD7512 | SMD9012 | SMD10512 | SMD12012 | SMD15012 |
| 1500               | SMD3615 | SMD4215 | SMD4815 | SMD5415 | SMD6015 | SMD7515 | SMD9015 | SMD10515 | SMD12015 | SMD15015 |
| 1800               | SMD3618 | SMD4218 | SMD4818 | SMD5418 | SMD6018 | SMD7518 | SMD9018 | SMD10518 | SMD12018 | SMD15018 |
| 2100               | SMD3621 | SMD4221 | SMD4821 | SMD5421 | SMD6021 | SMD7521 | SMD9021 | SMD10521 | SMD12021 | SMD15021 |
| 2400               | SMD3624 | SMD4224 | SMD4824 | SMD5424 | SMD6024 | SMD7524 | SMD9024 | SMD10524 | SMD12024 | SMD15024 |
| 缩合长度 $d$           | 1050    | 1110    | 1230    | 1350    | 1470    | 1710    | 1950    | 2190     | 2490     | 2970     |

注：1.  $L$ -门体展开后总长度； $d$ -门体缩合后长度； $h$ -门体高度；

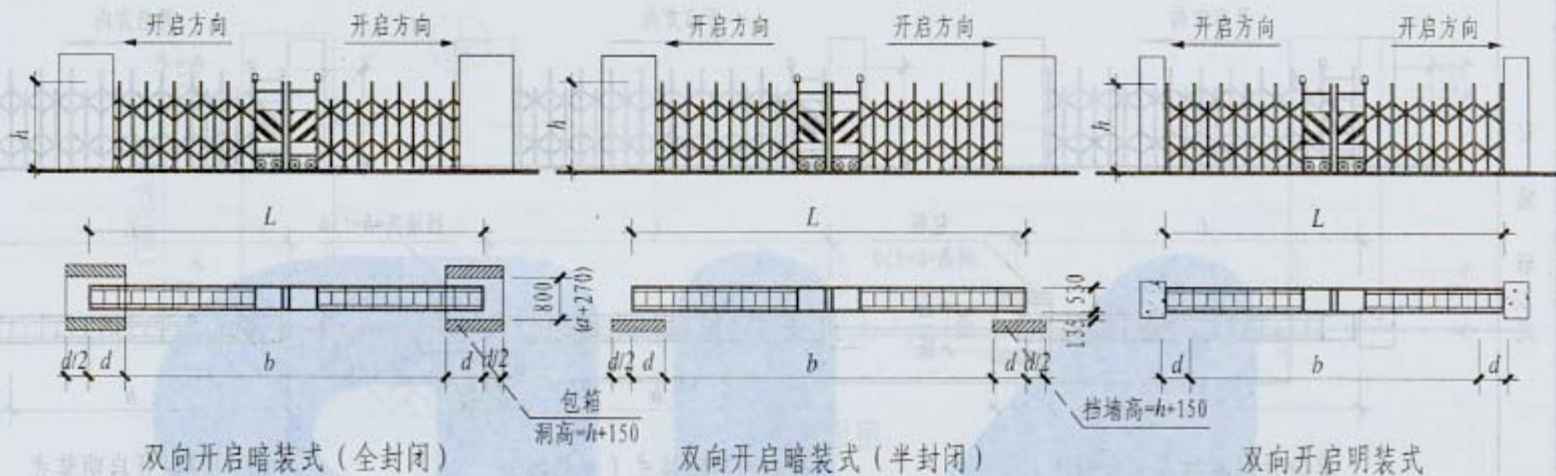
$n$ -伸缩节数，计算时遇小数向整数位进一；

2.  $L=390+410n$   $d=390+60n$   $b=L-d-350n$ ；

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单向伸缩围墙大门选用图

|     |        |
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| 页次  | 125    |



双向开启暗装式 (全封闭)

双向开启暗装式 (半封闭)

双向开启明装式

| 门<br>型<br>选<br>用<br>表 | 门洞宽 $b$<br>门体高 $h$ | 7200    | 8400    | 9600    | 10800    | 12000    | 15000    | 18000    | 21000    | 24000    | 30000    |
|-----------------------|--------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
|                       | 1200               | SMS7212 | SMS8412 | SMS9612 | SMS10812 | SMS12012 | SMS15012 | SMS18012 | SMS21012 | SMS24012 | SMS30012 |
|                       | 1500               | SMS7215 | SMS8415 | SMS9615 | SMS10815 | SMS12015 | SMS15015 | SMS18015 | SMS21015 | SMS24015 | SMS30015 |
|                       | 1800               | SMS7218 | SMS8418 | SMS9618 | SMS10818 | SMS12018 | SMS15018 | SMS18018 | SMS21018 | SMS24018 | SMS30018 |
|                       | 2100               | SMS7221 | SMS8421 | SMS9621 | SMS10821 | SMS12021 | SMS15021 | SMS18021 | SMS21021 | SMS24021 | SMS30021 |
|                       | 2400               | SMS7224 | SMS8424 | SMS9624 | SMS10824 | SMS12024 | SMS15024 | SMS18024 | SMS21024 | SMS24024 | SMS30024 |
|                       | 缩合长度 $d$           | 1050    | 1110    | 1230    | 1350     | 1470     | 1710     | 1950     | 2190     | 2490     | 2970     |

注: 1.  $L$ -门体展开后总长度; $d$ -门体缩合后长度; $h$ -门体高度;

$n$ -伸缩节数, 计算时遇小数向整数位进一;

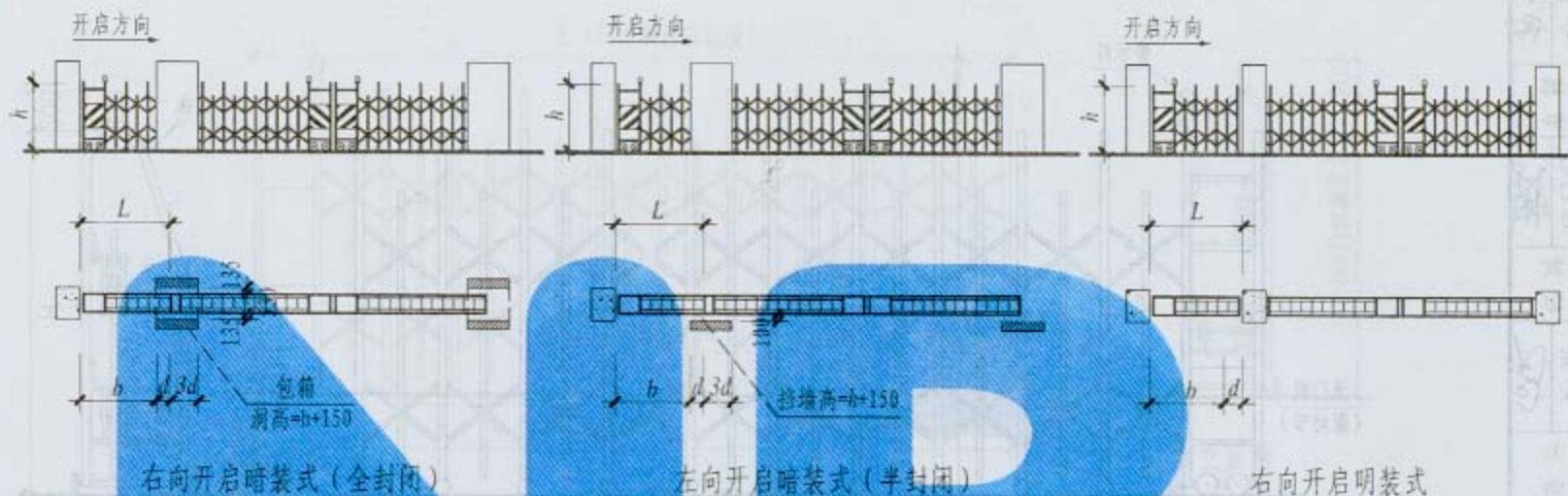
2.  $L=390+410n$   $d=390+60n$   $b=L-d=350n$ ;

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双向伸缩围墙大门选用图

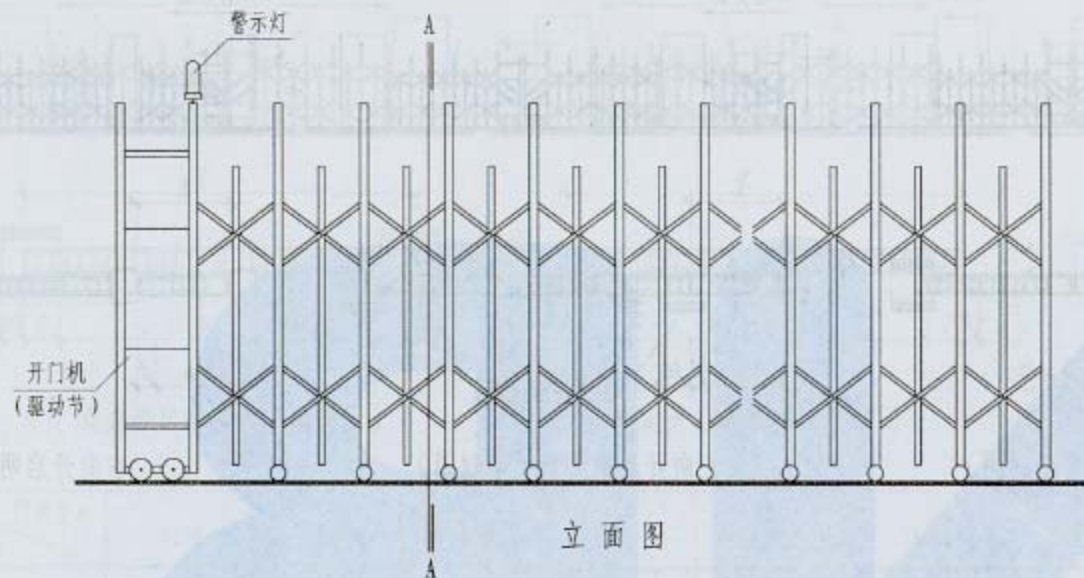
图集号 05J9-1

页次 126

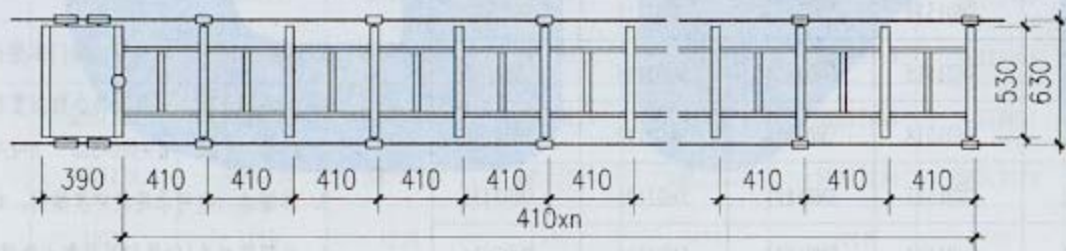


| 门洞宽 $b$  | 1200    | 1500    | 1800    | 2100    | 2400    |
|----------|---------|---------|---------|---------|---------|
| 门体高 $h$  |         |         |         |         |         |
| 1200     | SMD1212 | SMD1512 | SMD1812 | SMD2112 | SMD2412 |
| 1500     | SMD1215 | SMD1515 | SMD1815 | SMD2115 | SMD2415 |
| 1800     | SMD1218 | SMD1518 | SMD1818 | SMD2118 | SMD2418 |
| 2100     | SMD1221 | SMD1521 | SMD1821 | SMD2121 | SMD2421 |
| 2400     | SMD1224 | SMD1524 | SMD1824 | SMD2124 | SMD2424 |
| 缩合长度 $d$ | 630     | 690     | 750     | 750     | 810     |

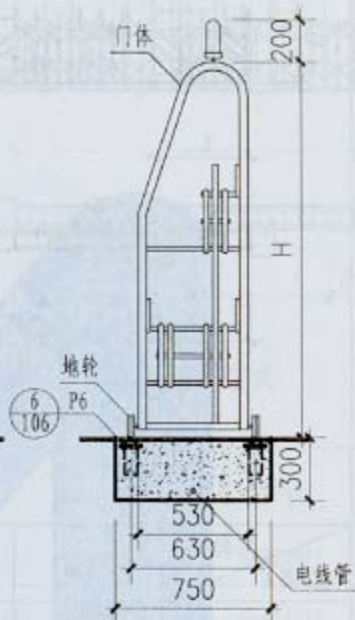
- 注: 1.  $L$ -门体展开后总长度;  $d$ -门体缩合后长度;  $h$ -门体高度;  
 $n$ -伸缩节数, 计算时遇小数向整数位进一;  
 2.  $L=390+410n$   $d=390+60n$   $h=L-d-350n$ ;  
 3. 伸缩边门也可采用其它类型门, 如平开门;  
 4. 包箱壁材为150厚钢筋混凝土浇筑; 挡墙为240非黏土砖砌。



立面图

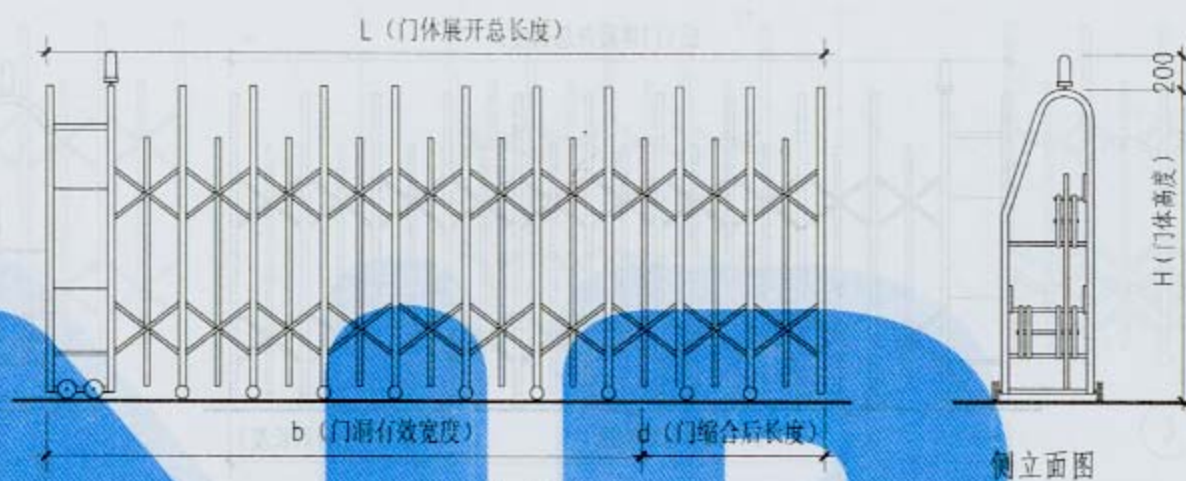


平面图



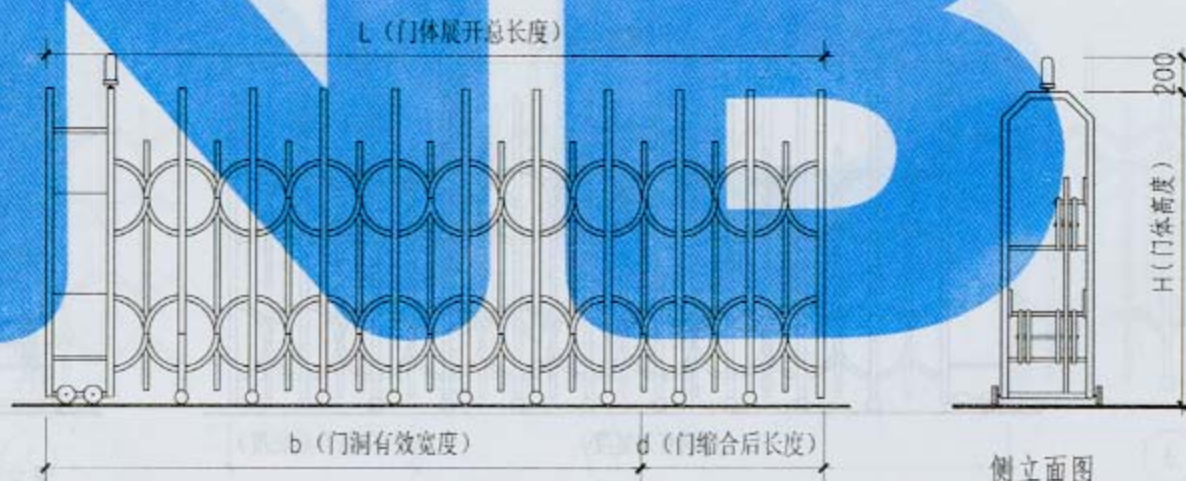
A - A

1. 伸缩节每节最大展开长度为410  
每节缩合后最小长度为60;
2. 不安装电动开门机及电控装置  
则为手动伸缩门。



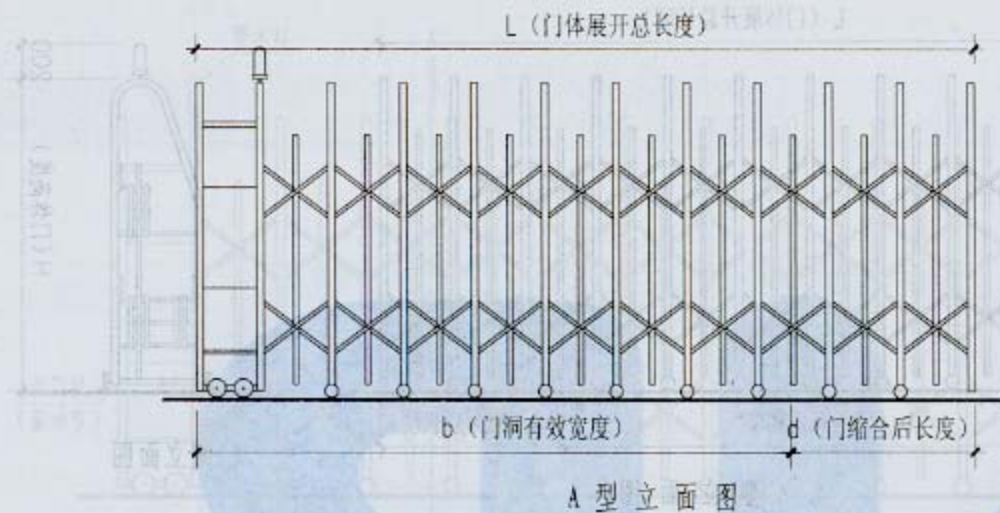
A 型 立 面 图

侧立面图



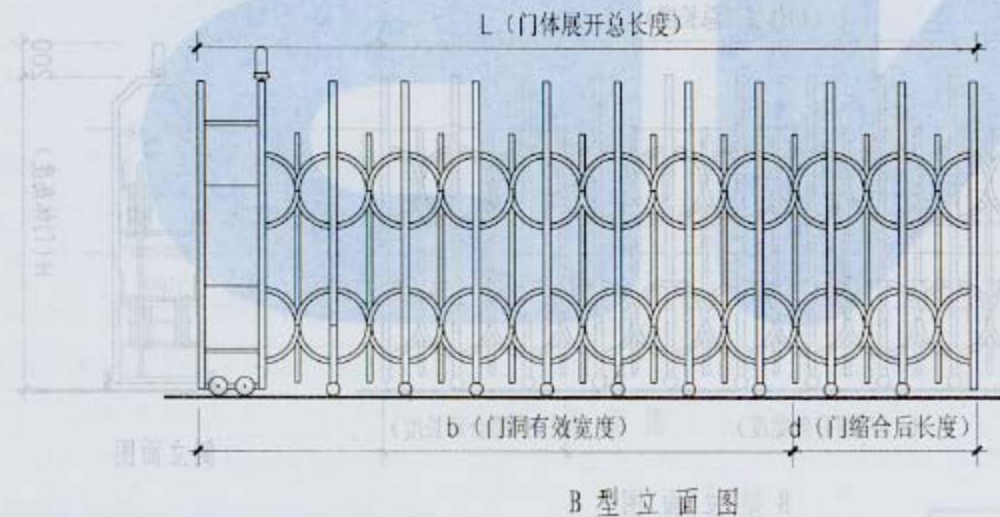
B 型 立 面 图

侧立面图



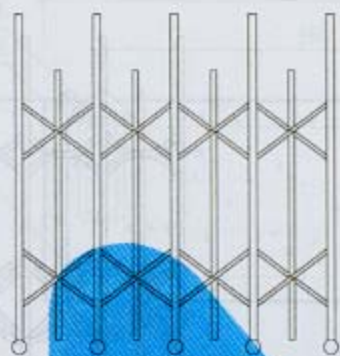
A 型 立 面 图

侧立面图

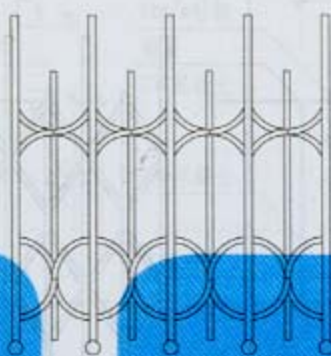


B 型 立 面 图

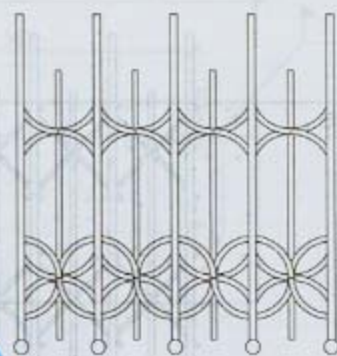
侧立面图



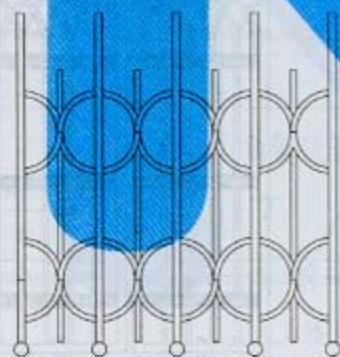
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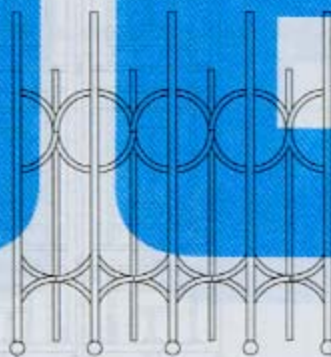
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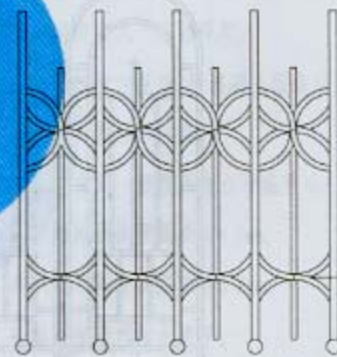
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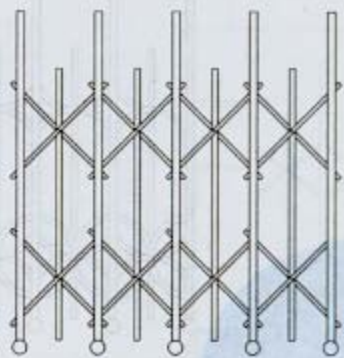
④



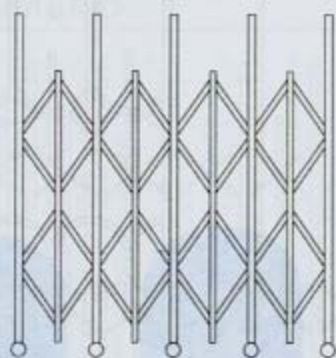
⑤



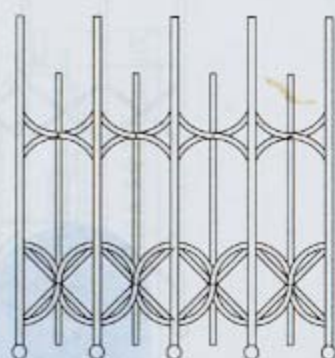
⑥



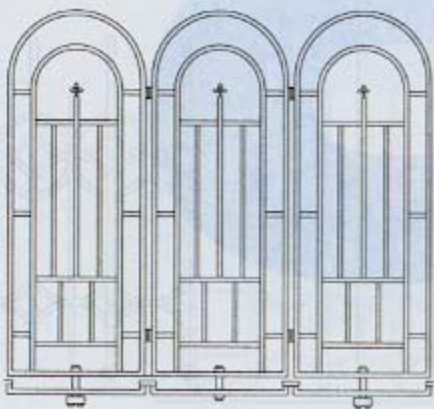
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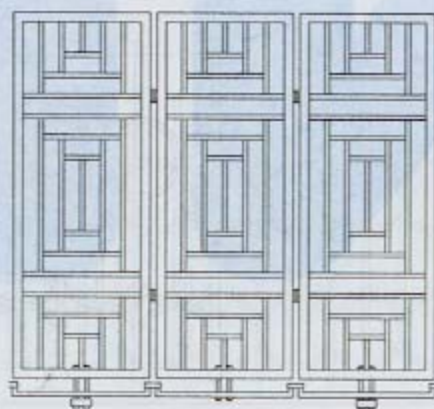
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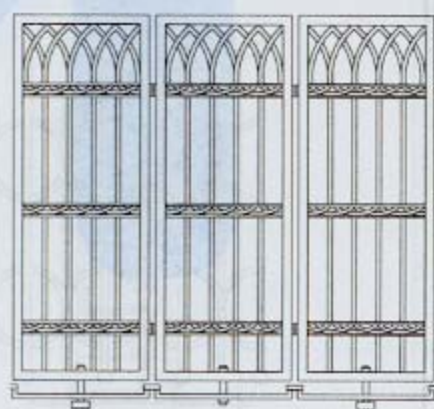
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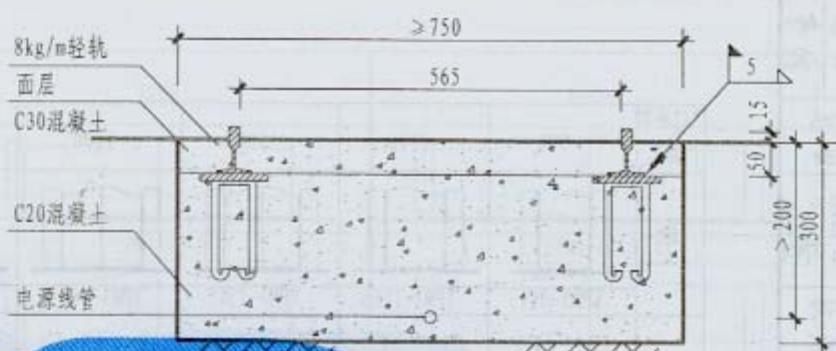
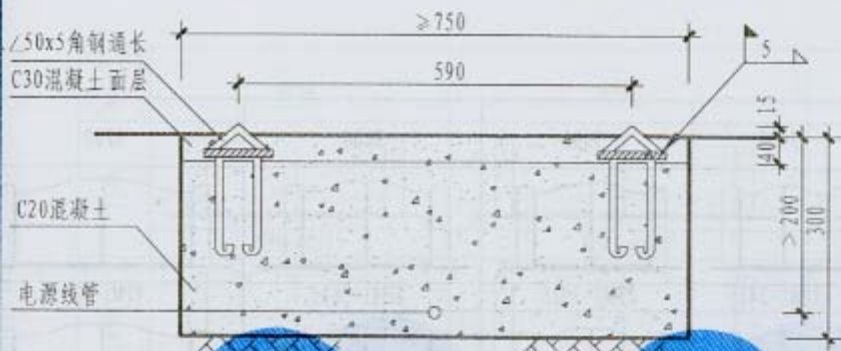
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11

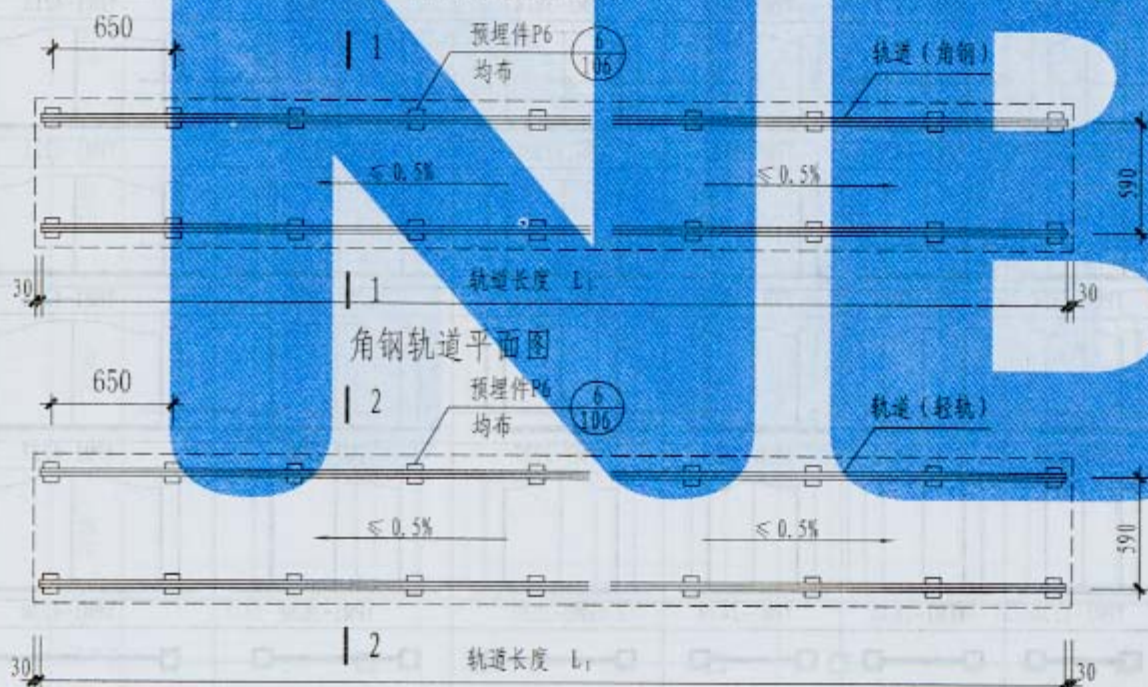


12



1-1 角钢轨道剖面图

2-2 轻轨轨道剖面图

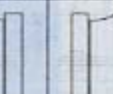
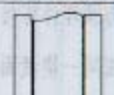
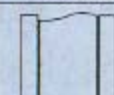
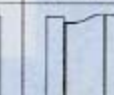
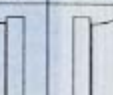
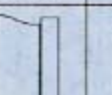
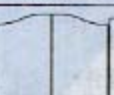
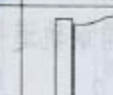
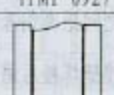
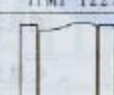
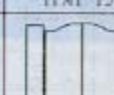
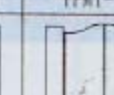
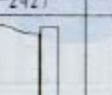
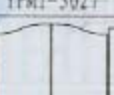
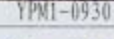
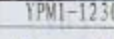
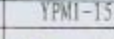
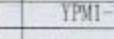
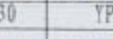
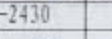
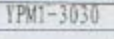
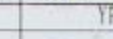


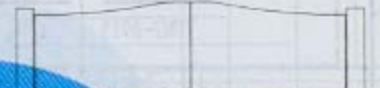
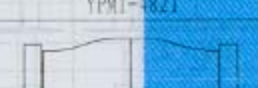
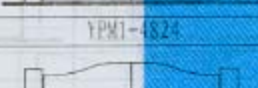
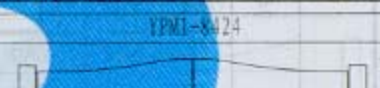
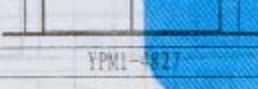
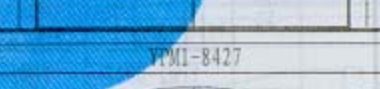
注: 1. 基础下部填三合土或素土夯实, 填土夯实深度应大于冻结深度;

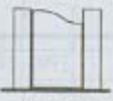
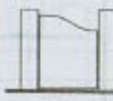
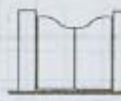
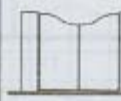
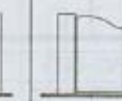
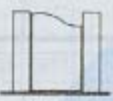
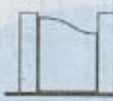
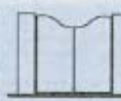
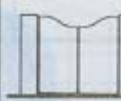
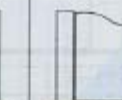
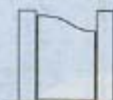
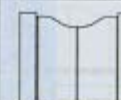
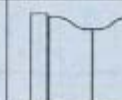
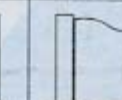
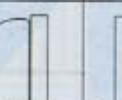
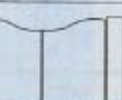
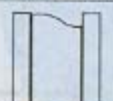
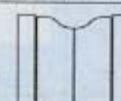
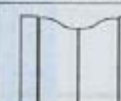
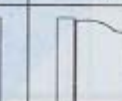
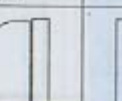
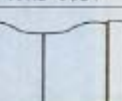
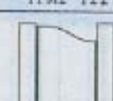
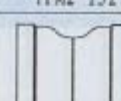
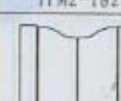
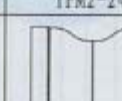
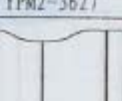
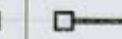
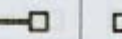
2. 先作预埋件基础, 待混凝土固化后再将轨道与预埋件焊接;

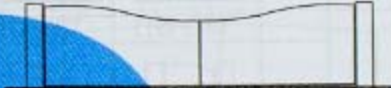
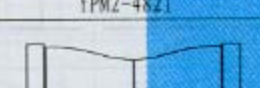
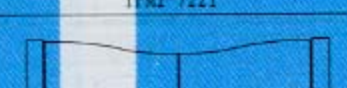
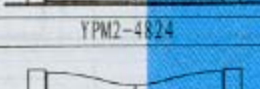
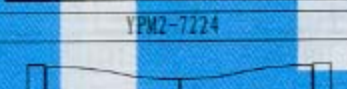
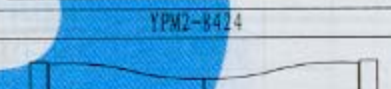
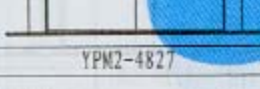
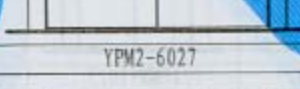
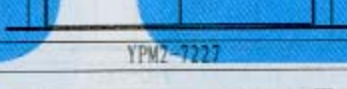
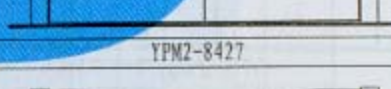
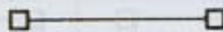
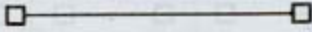
3. 轨道在同一横截面内水平偏差 $\leq \pm 2\text{mm}$ , 轨顶距地面高度偏差 $\leq \pm 2\text{mm}$ , 两轨道之间距离偏差 $\leq \pm 2\text{mm}$ ;

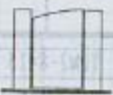
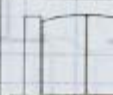
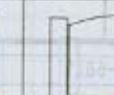
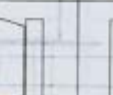
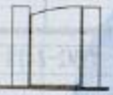
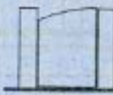
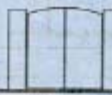
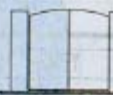
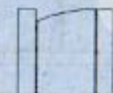
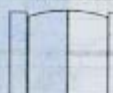
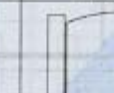
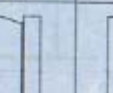
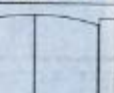
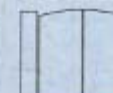
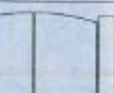
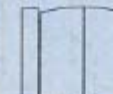
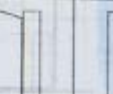
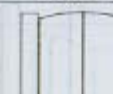
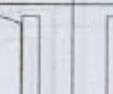
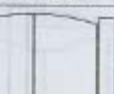
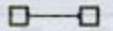
4. 轨道接缝焊接后磨平。

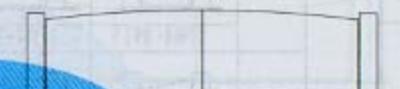
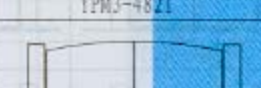
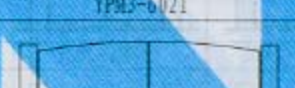
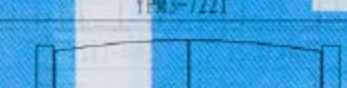
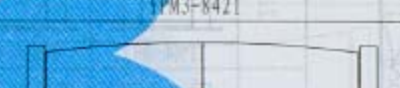
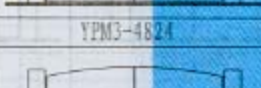
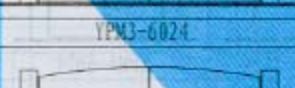
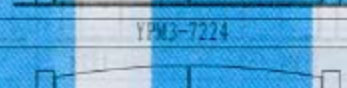
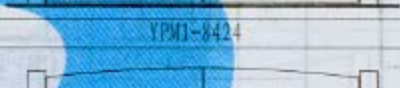
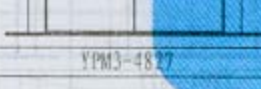
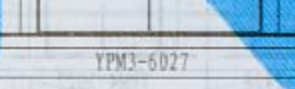
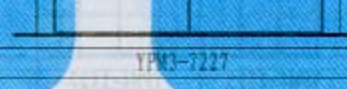
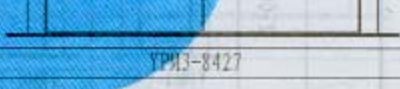
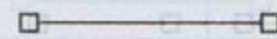
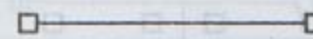
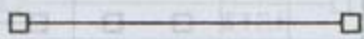
| 门洞宽<br>门高 | 900                                                                                             | 1200                                                                                            | 1500                                                                                            | 1800                                                                                            | 2400                                                                                            | 3000                                                                                            | 3600                                                                                              | 4200                                                                                              |
|-----------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1500      | <br>YPM1-0915  | <br>YPM1-1215  | <br>YPM1-1515  | <br>YPM1-1815  | <br>YPM1-2415  | <br>YPM1-3015  | <br>YPM1-3615  | <br>YPM1-4215  |
| 1800      | <br>YPM1-0918  | <br>YPM1-1218  | <br>YPM1-1518  | <br>YPM1-1818  | <br>YPM1-2418  | <br>YPM1-3018  | <br>YPM1-3618  | <br>YPM1-4218  |
| 2100      | <br>YPM1-0921  | <br>YPM1-1221  | <br>YPM1-1521  | <br>YPM1-1821  | <br>YPM1-2421  | <br>YPM1-3021  | <br>YPM1-3621  | <br>YPM1-4221  |
| 2400      | <br>YPM1-0924  | <br>YPM1-1224  | <br>YPM1-1524  | <br>YPM1-1824  | <br>YPM1-2424  | <br>YPM1-3024  | <br>YPM1-3624  | <br>YPM1-4224  |
| 2700      | <br>YPM1-0927  | <br>YPM1-1227  | <br>YPM1-1527  | <br>YPM1-1827  | <br>YPM1-2427  | <br>YPM1-3027  | <br>YPM1-3627  | <br>YPM1-4227  |
| 3000      | <br>YPM1-0930 | <br>YPM1-1230 | <br>YPM1-1530 | <br>YPM1-1830 | <br>YPM1-2430 | <br>YPM1-3030 | <br>YPM1-3630 | <br>YPM1-4230 |
| 大门平开      |              |              |              |              |              |              |              |              |

| 门洞宽<br>门高 | 4800                                                                                           | 6000                                                                                           | 7200                                                                                            | 8400                                                                                             |
|-----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500      | <br>YPM1-4815 | <br>YPM1-6015 | <br>YPM1-7215 | <br>YPM1-8415 |
| 1800      | <br>YPM1-4818 | <br>YPM1-6018 | <br>YPM1-7218 | <br>YPM1-8418 |
| 2100      | <br>YPM1-4821 | <br>YPM1-6021 | <br>YPM1-7221 | <br>YPM1-8421 |
| 2400      | <br>YPM1-4824 | <br>YPM1-6024 | <br>YPM1-7224 | <br>YPM1-8424 |
| 2700      | <br>YPM1-4827 | <br>YPM1-6027 | <br>YPM1-7227 | <br>YPM1-8427 |
| 3000      | <br>YPM1-4830 | <br>YPM1-6030 | <br>YPM1-7230 | <br>YPM1-8430 |
| 大门详图      |             |             |             |             |

| 门洞宽<br>门高 | 900                                                                                             | 1200                                                                                            | 1500                                                                                            | 1800                                                                                            | 2400                                                                                            | 3000                                                                                             | 3600                                                                                              | 4200                                                                                              |
|-----------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1500      | <br>YPM2-0915  | <br>YPM2-1215  | <br>YPM2-1515  | <br>YPM2-1815  | <br>YPM2-2415  | <br>YPM2-3015  | <br>YPM2-3615  | <br>YPM2-4215  |
| 1800      | <br>YPM2-0918  | <br>YPM2-1218  | <br>YPM2-1518  | <br>YPM2-1818  | <br>YPM2-2418  | <br>YPM2-3018  | <br>YPM2-3618  | <br>YPM2-4218  |
| 2100      | <br>YPM2-0921  | <br>YPM2-1221  | <br>YPM2-1521  | <br>YPM2-1821  | <br>YPM2-2421  | <br>YPM2-3021  | <br>YPM2-3621  | <br>YPM2-4221  |
| 2400      | <br>YPM2-0924  | <br>YPM2-1224  | <br>YPM2-1524  | <br>YPM2-1824  | <br>YPM2-2424  | <br>YPM2-3024  | <br>YPM2-3624  | <br>YPM2-4224  |
| 2700      | <br>YPM2-0927  | <br>YPM2-1227  | <br>YPM2-1527  | <br>YPM2-1827  | <br>YPM2-2427  | <br>YPM2-3027  | <br>YPM2-3627  | <br>YPM2-4227  |
| 3000      | <br>YPM2-0930 | <br>YPM2-1230 | <br>YPM2-1530 | <br>YPM2-1830 | <br>YPM2-2430 | <br>YPM2-3030 | <br>YPM2-3630 | <br>YPM2-4230 |
| 大门平面      |              |              |              |              |              |              |              |              |

| 门洞宽<br>门高 | 4800                                                                                           | 6000                                                                                           | 7200                                                                                            | 8400                                                                                             |
|-----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500      | <br>YPM2-4815 | <br>YPM2-6015 | <br>YPM2-7215 | <br>YPM2-8415 |
| 1800      | <br>YPM2-4818 | <br>YPM2-6018 | <br>YPM2-7218 | <br>YPM2-8418 |
| 2100      | <br>YPM2-4821 | <br>YPM2-6021 | <br>YPM2-7221 | <br>YPM2-8421 |
| 2400      | <br>YPM2-4824 | <br>YPM2-6024 | <br>YPM2-7224 | <br>YPM2-8424 |
| 2700      | <br>YPM2-4827 | <br>YPM2-6027 | <br>YPM2-7227 | <br>YPM2-8427 |
| 3000      | <br>YPM2-4830 | <br>YPM2-6030 | <br>YPM2-7230 | <br>YPM2-8430 |
| 大门平面      |             |             |             |             |

| 门高   | 900                                                                                             | 1200                                                                                            | 1500                                                                                            | 1800                                                                                            | 2400                                                                                            | 3000                                                                                             | 3600                                                                                              | 4200                                                                                              |
|------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1500 | <br>YPM3-0915  | <br>YPM3-1215  | <br>YPM3-1515  | <br>YPM3-1815  | <br>YPM3-2415  | <br>YPM3-3015  | <br>YPM3-3615  | <br>YPM3-4215  |
| 1800 | <br>YPM3-0918  | <br>YPM3-1218  | <br>YPM3-1518  | <br>YPM3-1818  | <br>YPM3-2418  | <br>YPM3-3018  | <br>YPM3-3618  | <br>YPM3-4218  |
| 2100 | <br>YPM3-0921  | <br>YPM3-1221  | <br>YPM3-1521  | <br>YPM3-1821  | <br>YPM3-2421  | <br>YPM3-3021  | <br>YPM3-3621  | <br>YPM3-4221  |
| 2400 | <br>YPM3-0924  | <br>YPM3-1224  | <br>YPM3-1524  | <br>YPM3-1824  | <br>YPM3-2424  | <br>YPM3-3024  | <br>YPM3-3624  | <br>YPM3-4224  |
| 2700 | <br>YPM3-0927  | <br>YPM3-1227  | <br>YPM3-1527  | <br>YPM3-1827  | <br>YPM3-2427  | <br>YPM3-3027  | <br>YPM3-3627  | <br>YPM3-4227  |
| 3000 | <br>YPM3-0930 | <br>YPM3-1230 | <br>YPM3-1530 | <br>YPM3-1830 | <br>YPM3-2430 | <br>YPM3-3030 | <br>YPM3-3630 | <br>YPM3-4230 |
| 大门平面 |              |              |              |              |              |              |              |              |

| 门宽<br>门高 | 4800                                                                                           | 6000                                                                                           | 7200                                                                                            | 8400                                                                                             |
|----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500     | <br>YPM3-4815 | <br>YPM3-6015 | <br>YPM3-7215 | <br>YPM3-8415 |
| 1800     | <br>YPM3-4818 | <br>YPM3-6018 | <br>YPM3-7218 | <br>YPM3-8418 |
| 2100     | <br>YPM3-4821 | <br>YPM3-6021 | <br>YPM3-7221 | <br>YPM3-8421 |
| 2400     | <br>YPM3-4824 | <br>YPM3-6024 | <br>YPM3-7224 | <br>YPM3-8424 |
| 2700     | <br>YPM3-4827 | <br>YPM3-6027 | <br>YPM3-7227 | <br>YPM3-8427 |
| 3000     | <br>YPM3-4830 | <br>YPM3-6030 | <br>YPM3-7230 | <br>YPM3-8430 |
| 大门平面     |             |             |             |             |

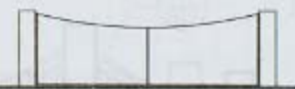
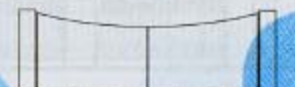
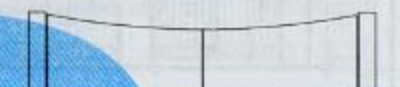
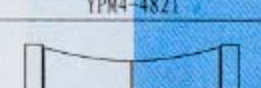
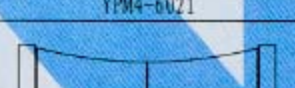
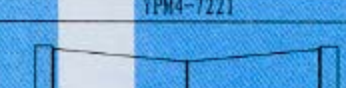
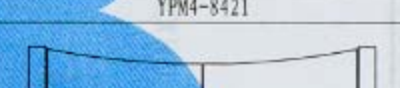
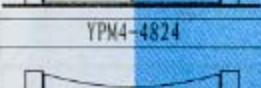
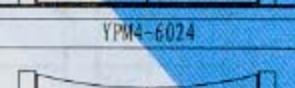
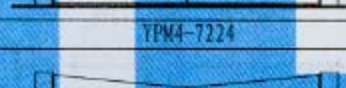
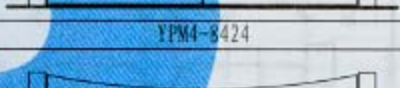
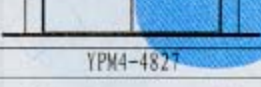
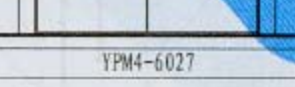
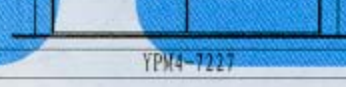
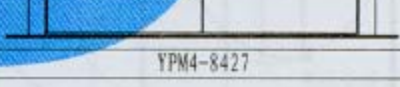
| 门宽<br>门高 | 900       | 1200      | 1500      | 1800      | 2400      | 3000      | 3600      | 4200      |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1500     |           |           |           |           |           |           |           |           |
|          | YPM4-0915 | YPM4-1215 | YPM4-1515 | YPM4-1815 | YPM4-2415 | YPM4-3015 | YPM4-3615 | YPM4-4215 |
| 1800     |           |           |           |           |           |           |           |           |
|          | YPM4-0918 | YPM4-1218 | YPM4-1518 | YPM4-1818 | YPM4-2418 | YPM4-3018 | YPM4-3618 | YPM4-4218 |
| 2100     |           |           |           |           |           |           |           |           |
|          | YPM4-0921 | YPM4-1221 | YPM4-1521 | YPM4-1821 | YPM4-2421 | YPM4-3021 | YPM4-3621 | YPM4-4221 |
| 2400     |           |           |           |           |           |           |           |           |
|          | YPM4-0924 | YPM4-1224 | YPM4-1524 | YPM4-1824 | YPM4-2424 | YPM4-3024 | YPM4-3624 | YPM4-4224 |
| 2700     |           |           |           |           |           |           |           |           |
|          | YPM4-0927 | YPM4-1227 | YPM4-1527 | YPM4-1827 | YPM4-2427 | YPM4-3027 | YPM4-3627 | YPM4-4227 |
| 3000     |           |           |           |           |           |           |           |           |
|          | YPM4-0930 | YPM4-1230 | YPM4-1530 | YPM4-1830 | YPM4-2430 | YPM4-3030 | YPM4-3630 | YPM4-4230 |
| 大门平面     |           |           |           |           |           |           |           |           |

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铁艺YPM4型平开围墙大门选用图(-)

图集号 05J9-1

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| 门楣<br>门高 | 4800                                                                                           | 6000                                                                                           | 7200                                                                                            | 8400                                                                                             |
|----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500     | <br>YPM4-4815 | <br>YPM4-6015 | <br>YPM4-7215 | <br>YPM4-8415 |
| 1800     | <br>YPM4-4818 | <br>YPM4-6018 | <br>YPM4-7218 | <br>YPM4-8418 |
| 2100     | <br>YPM4-4821 | <br>YPM4-6021 | <br>YPM4-7221 | <br>YPM4-8421 |
| 2400     | <br>YPM4-4824 | <br>YPM4-6024 | <br>YPM4-7224 | <br>YPM4-8424 |
| 2700     | <br>YPM4-4827 | <br>YPM4-6027 | <br>YPM4-7227 | <br>YPM4-8427 |
| 3000     | <br>YPM4-4830 | <br>YPM4-6030 | <br>YPM4-7230 | <br>YPM4-8430 |
| 大门平面     |             |             |             |             |

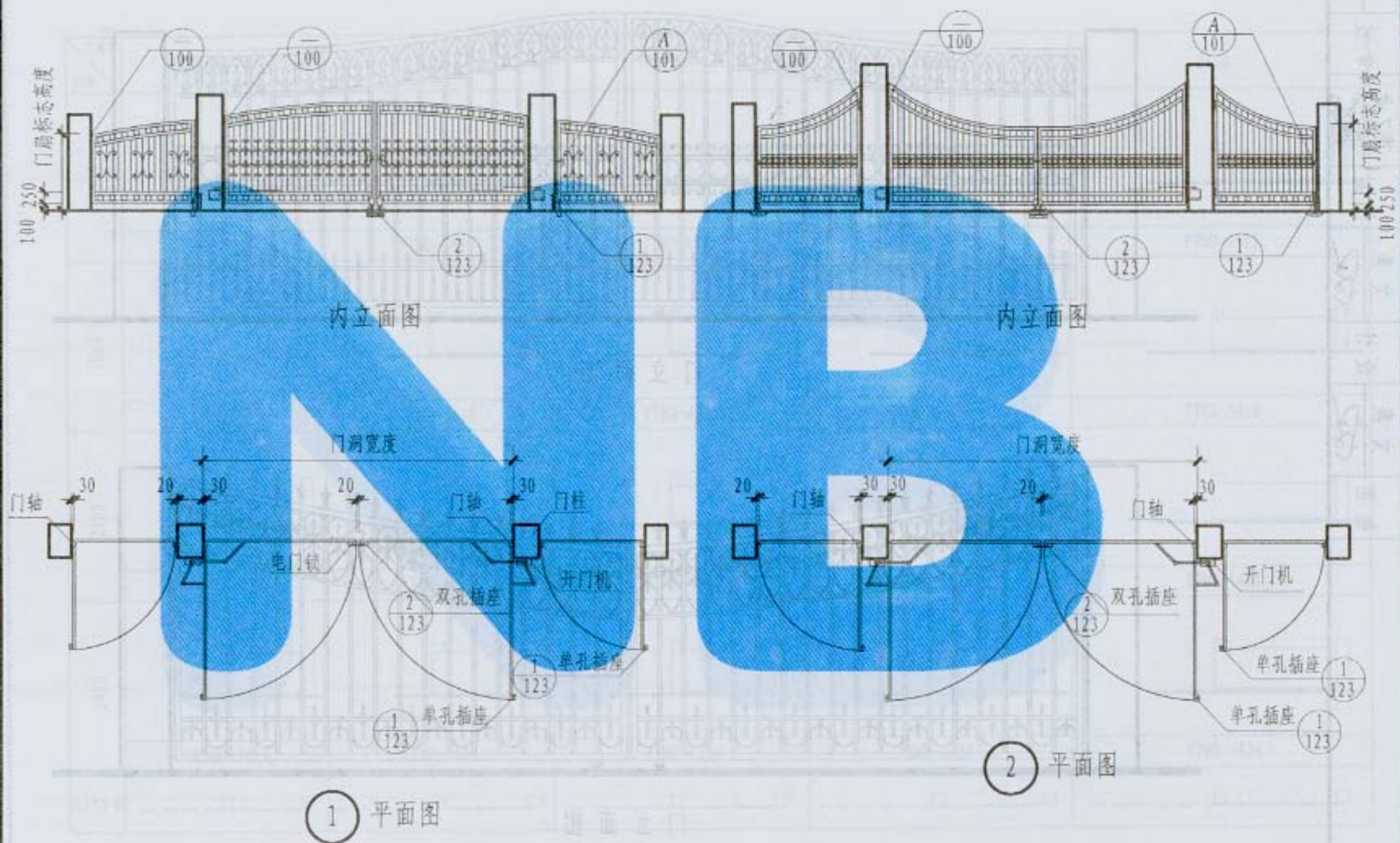
跟多资料加微信公众号jianzhu118

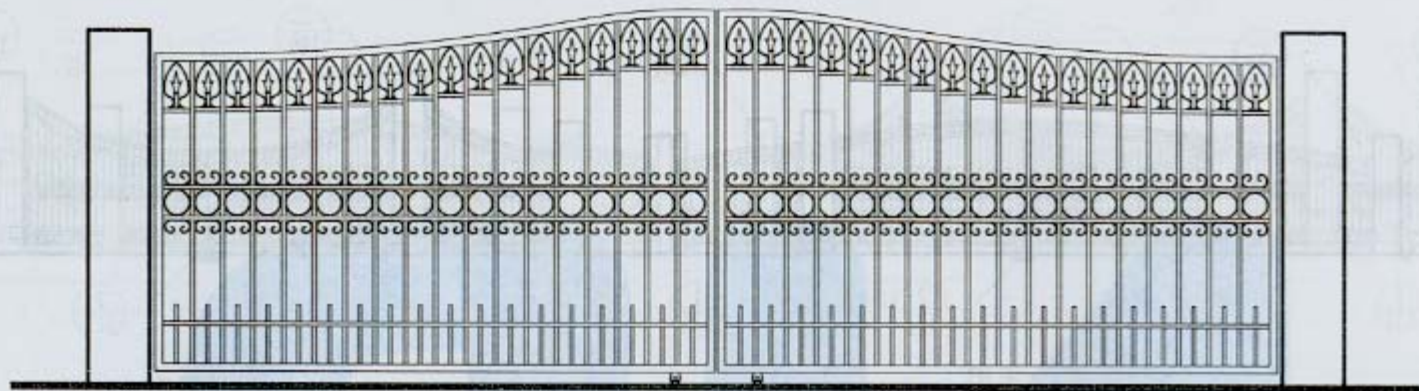
铁艺YPM4型平开围墙大门选用图(二)

图集号 05J9-1

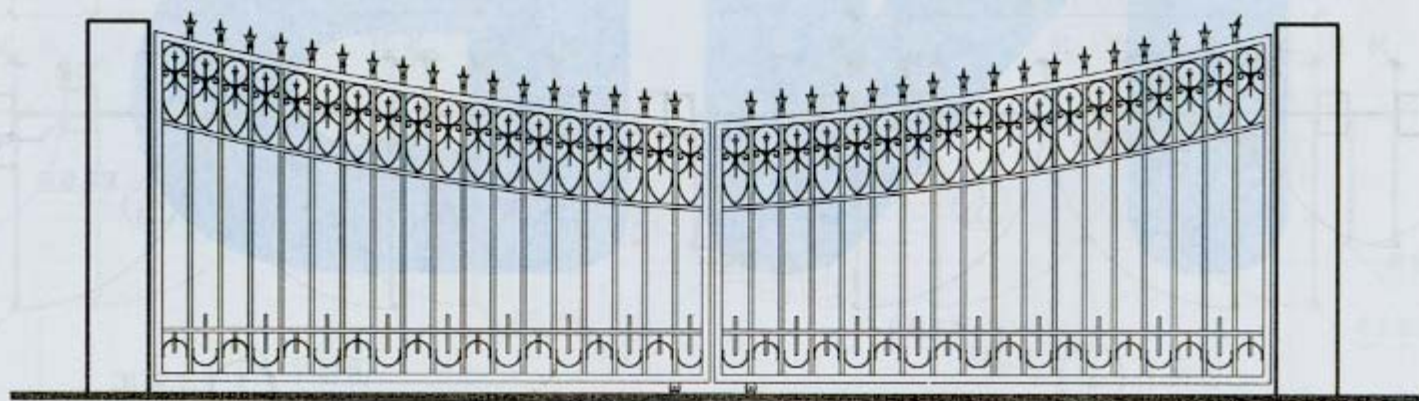
页次 141



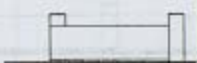
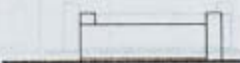
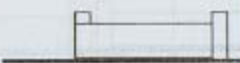
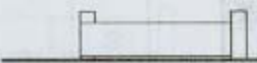
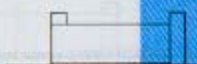
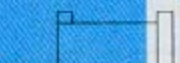
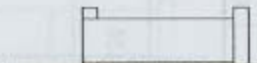
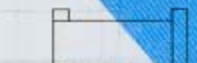
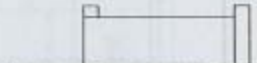
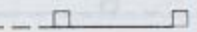
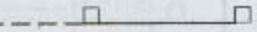


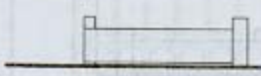
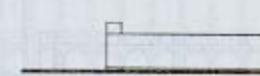
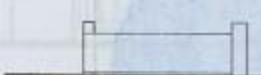
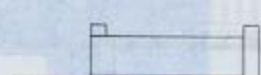
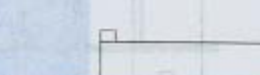
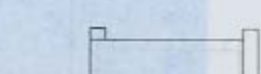
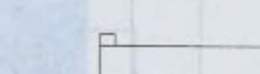
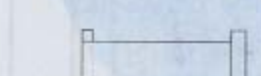
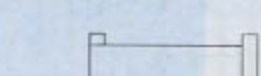
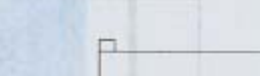
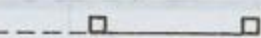
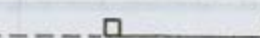
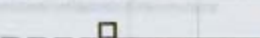


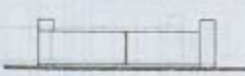
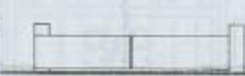
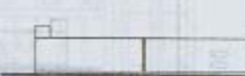
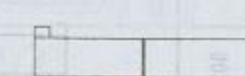
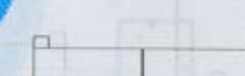
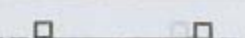
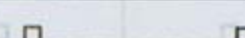
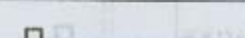
门立面图

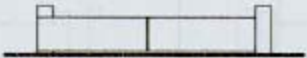
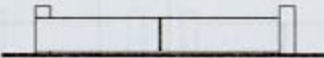
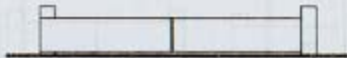
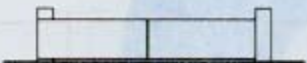
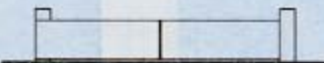
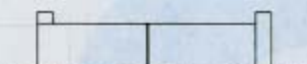
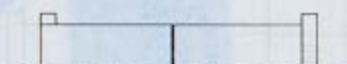
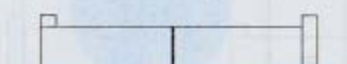
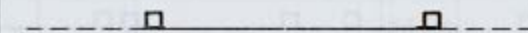


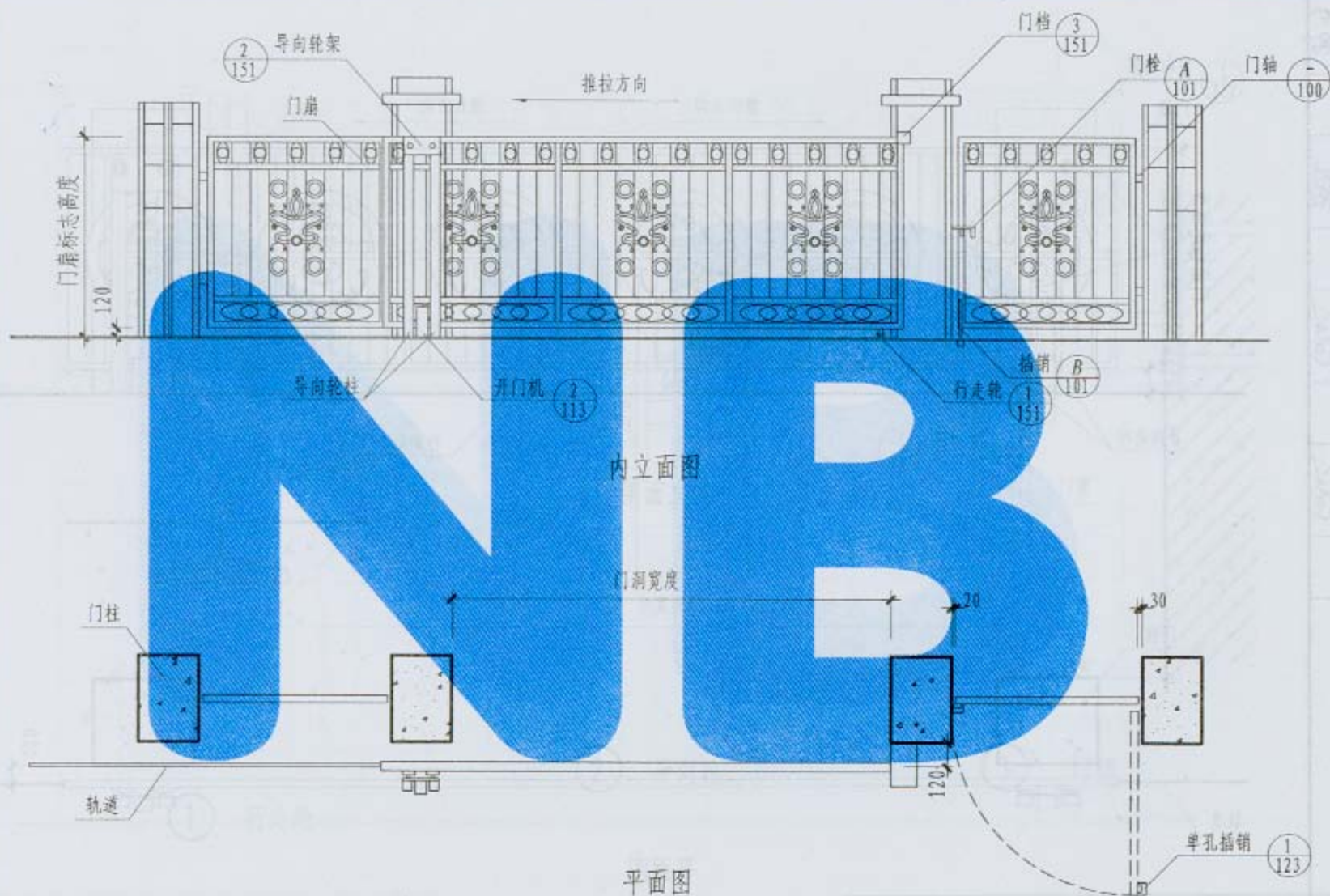
门立面图

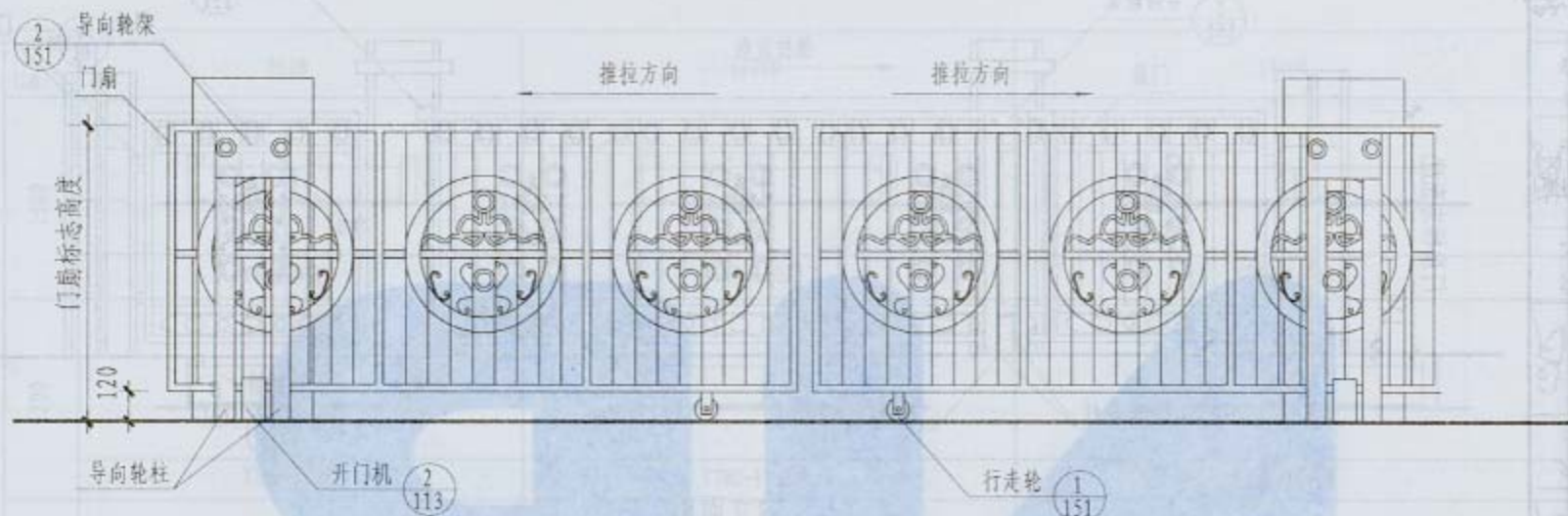
| 门洞宽<br>门高 | 3000                                                                                           | 3600                                                                                           | 4200                                                                                           | 4800                                                                                             | 5400                                                                                             |
|-----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500      | <br>YTMD-3015 | <br>YTMD-3615 | <br>YTMD-4215 | <br>YTMD-4815 | <br>YTMD-5415 |
| 1800      | <br>YTMD-3018 | <br>YTMD-3618 | <br>YTMD-4218 | <br>YTMD-4818 | <br>YTMD-5418 |
| 2100      | <br>YTMD-3021 | <br>YTMD-3621 | <br>YTMD-4221 | <br>YTMD-4821 | <br>YTMD-5421 |
| 2400      | <br>YTMD-3024 | <br>YTMD-3624 | <br>YTMD-4224 | <br>YTMD-4824 | <br>YTMD-5424 |
| 大门平画      |             |             |             |             |             |

| 门洞宽<br>门标注 | 6000                                                                                | 6600                                                                                | 7200                                                                                 | 8400                                                                                  |
|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1500       |    |    |    |    |
|            | YTMD-6015                                                                           | YTMD-6615                                                                           | YTMD-7215                                                                            | YTMD-8415                                                                             |
| 1800       |    |    |    |    |
|            | YTMD-6018                                                                           | YTMD-6618                                                                           | YTMD-7218                                                                            | YTMD-8418                                                                             |
| 2100       |    |    |    |    |
|            | YTMD-6021                                                                           | YTMD-6621                                                                           | YTMD-7221                                                                            | YTMD-8421                                                                             |
| 2400       |    |    |    |    |
|            | YTMD-6024                                                                           | YTMD-6624                                                                           | YTMD-7224                                                                            | YTMD-8424                                                                             |
| 大门平面       |  |  |  |  |

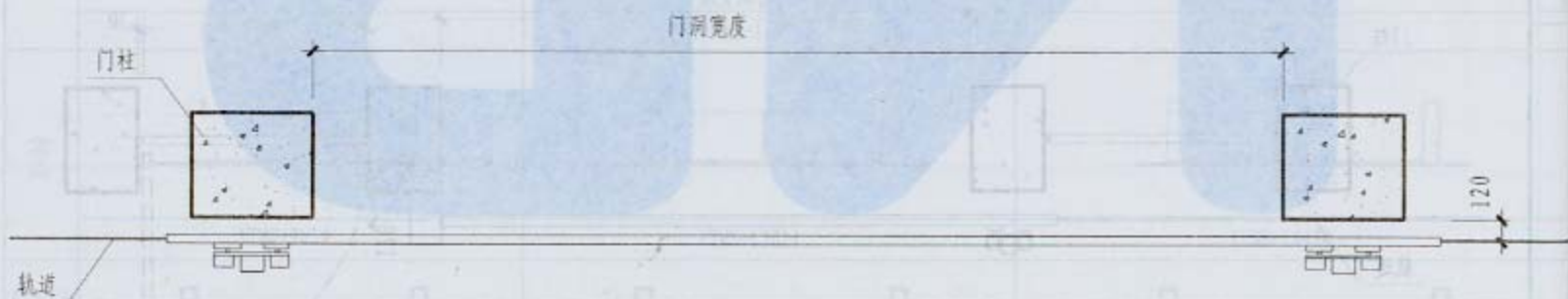
| 门洞宽<br>门高 | 6000                                                                                           | 6600                                                                                           | 7200                                                                                            | 8400                                                                                             |
|-----------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1500      | <br>YTMS-6015 | <br>YTMS-6615 | <br>YTMS-7215 | <br>YTMS-8415 |
| 1800      | <br>YTMS-6018 | <br>YTMS-6618 | <br>YTMS-7218 | <br>YTMS-8418 |
| 2100      | <br>YTMS-6021 | <br>YTMS-6621 | <br>YTMS-7221 | <br>YTMS-8421 |
| 2400      | <br>YTMS-6024 | <br>YTMS-6624 | <br>YTMS-7224 | <br>YTMS-8424 |
| 大门平面      |             |             |             |             |

| 门洞宽<br>门高 | 9600                                                                                | 12000                                                                                | 14400                                                                                 |
|-----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1500      |    |    |    |
|           | YTMS-9615                                                                           | YTMS-12015                                                                           | YTMS-14415                                                                            |
| 1800      |    |    |    |
|           | YTMS-9618                                                                           | YTMS-12018                                                                           | YTMS-14418                                                                            |
| 2100      |    |    |    |
|           | YTMS-9621                                                                           | YTMS-12021                                                                           | YTMS-14421                                                                            |
| 2400      |    |    |    |
|           | YTMS-9624                                                                           | YTMS-12024                                                                           | YTMS-14424                                                                            |
| 大门平面      |  |  |  |

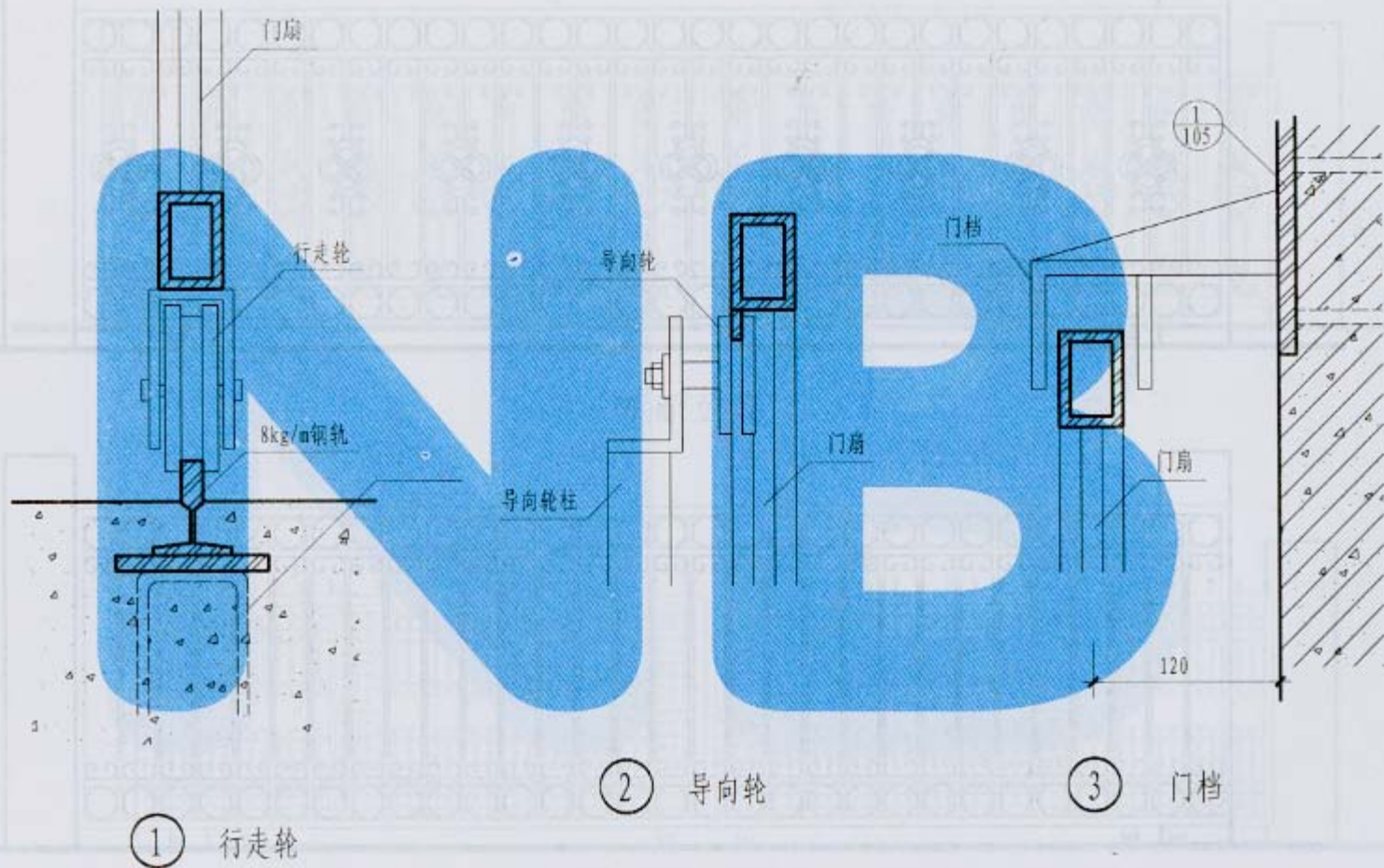


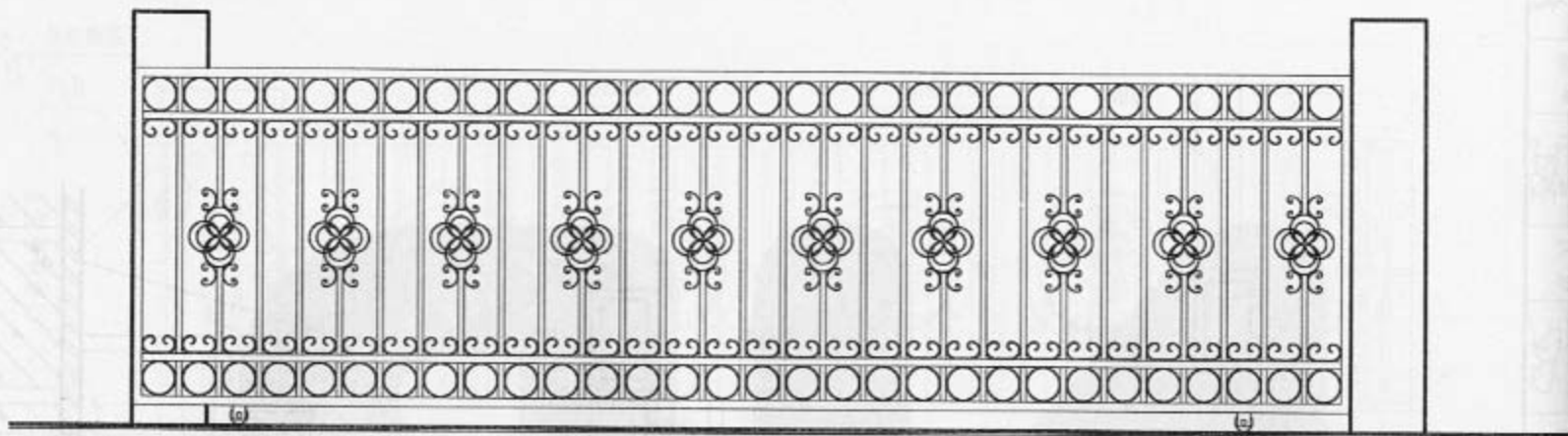


内立面图

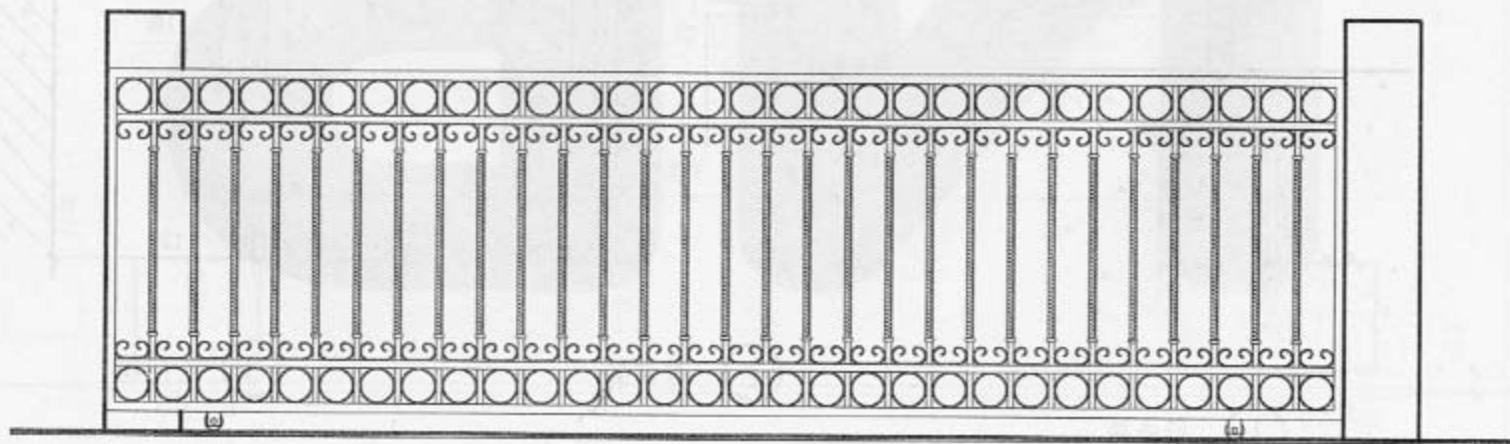


平面图

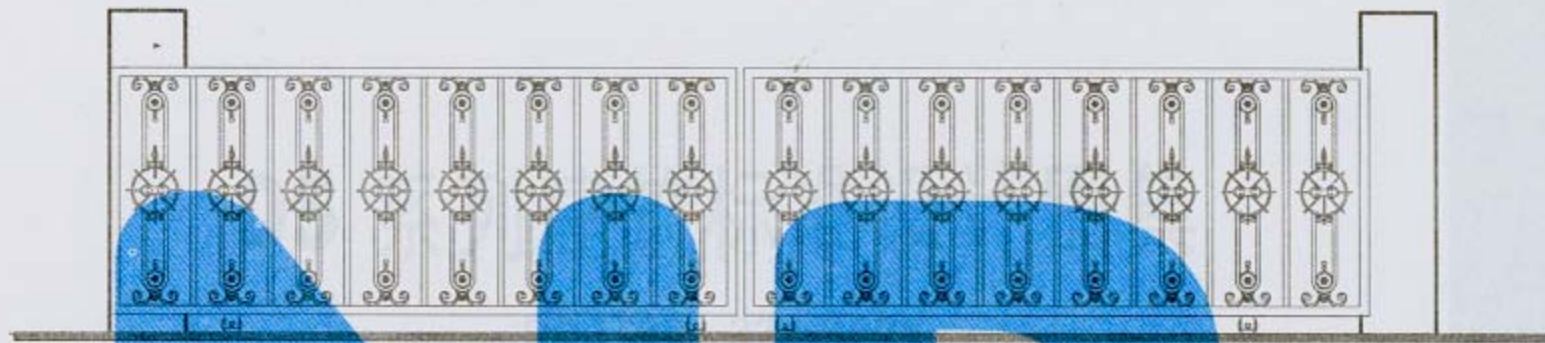




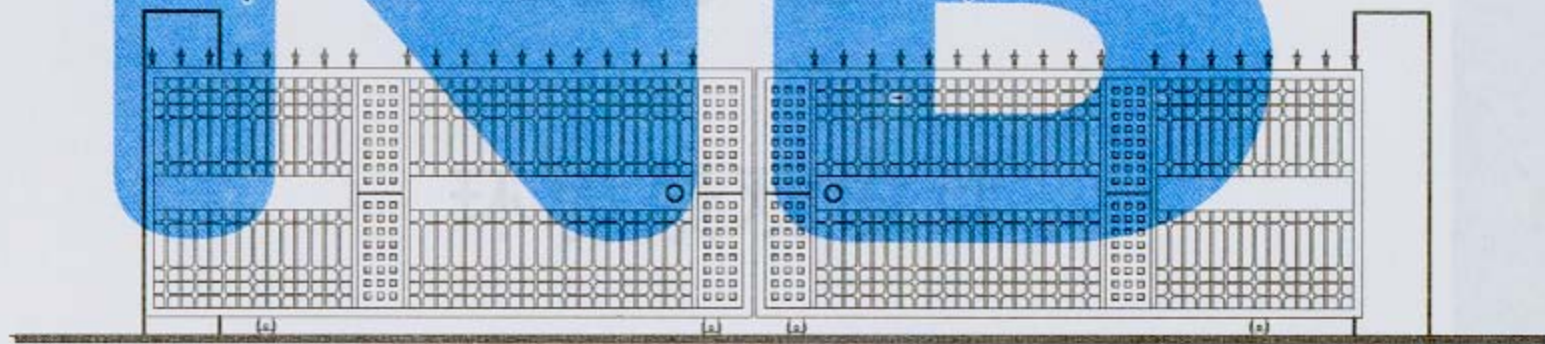
门立面图



门立面图



门立面图



门立面图