06系列江苏省工程建设标准设计图集

室　外　工　程

苏 J08-2006

江苏省工程建设标准站 编

中国建筑工业出版社

江 苏 省 建 设 厅 公 告

第 8 号

江苏省建设厅关于发布江苏省工程建设标准设计图集《平屋面建筑构造》、《室外工程》的公告

现批准《平屋面建筑构造》、《室外工程》为江苏省工程建设标准设计图集，编号分别为苏J03-2006、苏J08-2006，自2007年12月1日起实行。原《屋面建筑构造》苏J9503、《室外工程》苏J9508同时废止。

该图集由江苏省工程建设标准站组织发行。

江苏省建设厅

二〇〇七年十一月二日

印发：各省辖市建设局（委），厅有关业务处室，省工程建设标准定额总站，省建设工程设计施工图审核中心，省建设工程质量监督总站。

室 外 工 程

批准部门：江苏省建设厅　　主编单位：江苏东方建筑设计有限公司

图 集 号：苏J08-2006　　组织单位：江苏省工程建设标准站

实行日期：2007年12月1日　　修订替代：苏J9508

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设 计 负 责 人：

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图 集 说 明

(一)编制依据

本图集主要参考1995年江苏省建筑配件通用图集《室外工程》(苏J9508)及2002年中国建筑标准设计研究所图集《室外工程》(02J003),等通用图集编制。

1.《房屋建筑制图统一标准》GB/T50001-2001

2.《建筑制图标准》GB/T50104-2001

3.《民用建筑设计通则》GB50352-2005

4.《建筑地面设计规范》GB/T50104-2001

(二)适用范围

适用于一般标准的工业与民用建筑,适当兼顾部分较高标准建筑的需要。

(三)设计原则

适应当前建筑领域的需要,满足绿色环保的要求,采用美观大方的式样,力求有所创新。

本图集中各类混凝土,石材,砌块外饰做法,可采用清水面或其它装饰面.设计人员可根据具体情况自行设计或按施工说明图集做法选用。

(四)施工要求

1. 各部位做法均应符合我国现行各单项施工操作规程及施工质量验收规范的各项有关规定。

2. 本图集除注明外,所有砌筑的用水泥砂浆强度等级不应低于M2.5,现浇混凝土构件须选用不低于C15的混凝土,预制混凝土构件须选用不低于C20的混凝土。

3. 砌体:

砌体在选用时应根据国家有关要求及地方法规的要求选用环保的产品。可根据具体情况选用混凝土砌块,各类烧结空心或实心砌块,各类蒸压空心或实心砌块,替代粘土实心砖的承重砌块宜选用烧结实心砌块。

用于基础及承重的砌块不得使用轻骨料混凝土砌块,凡上述各部位使用的砌块,设计人应根据具体材料的要求认真选择。

4. 各类金属件

材料:圆钢,方钢,钢管,型钢,钢板采用Q235-A.F钢,钢筋采用Ⅰ级钢,不锈钢材应符合国家有关标准,钢和不锈钢之间的焊接采用不锈钢焊条.焊接及焊接材料应符合《建筑钢结构焊接规范》JGJ81-91的有关技术规定。焊缝应满焊并保持焊缝均匀,不得有裂缝,过烧现象,外露处应挫平,磨光。焊条用E43系列,焊缝高度6mm。各金属构件表面应光滑,平直,无毛刺。钢板制作的装饰件应保持边角整齐,切割部位须挫平磨光,不得留有切割痕迹和毛刺。各种机加工件,要求尺寸精确,表面光洁。

5. 钢构件表面装饰及防腐处理

各种钢构件在油漆前应彻底除锈,除锈等级不低于st3或sa2级.均刷防锈漆二道(安装前一道).

钢构件表面油漆做法可根据装修标准和设计要求,按照设计人设计做法选用,当采用其它方法时,应在工程设计图中注明。

(五)本图集尺寸标注除注明者外,均以毫米(mm)为单位,未注明的尺寸按工程设计确定。

(六)本图集索引方法:

本图集代号 $\frac{\text{详图编号}}{\text{详图所在页数}}$ 例:苏J08-2006 $\frac{3}{8}$

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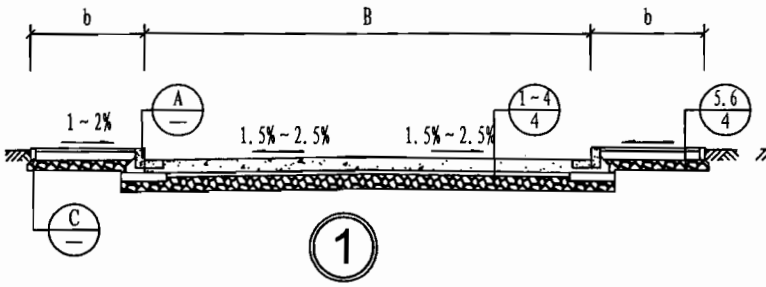
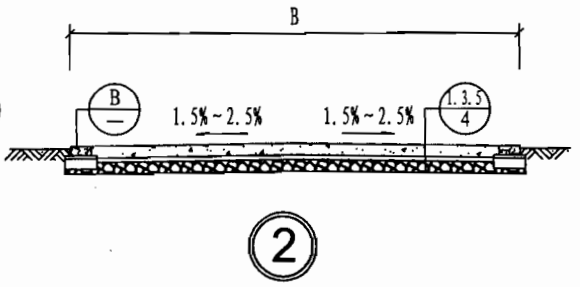
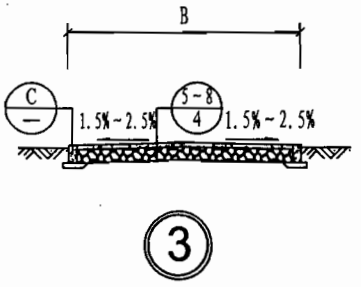
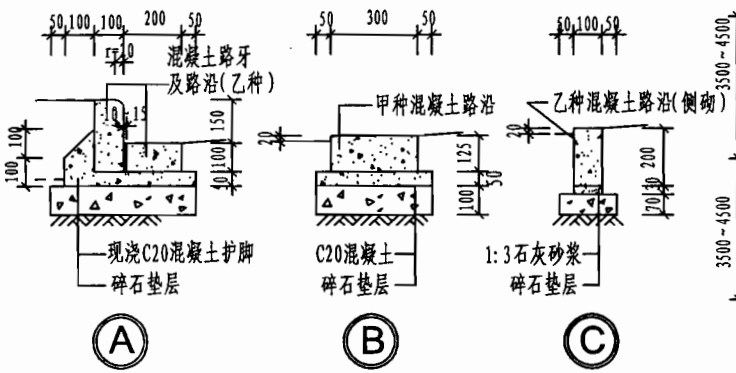
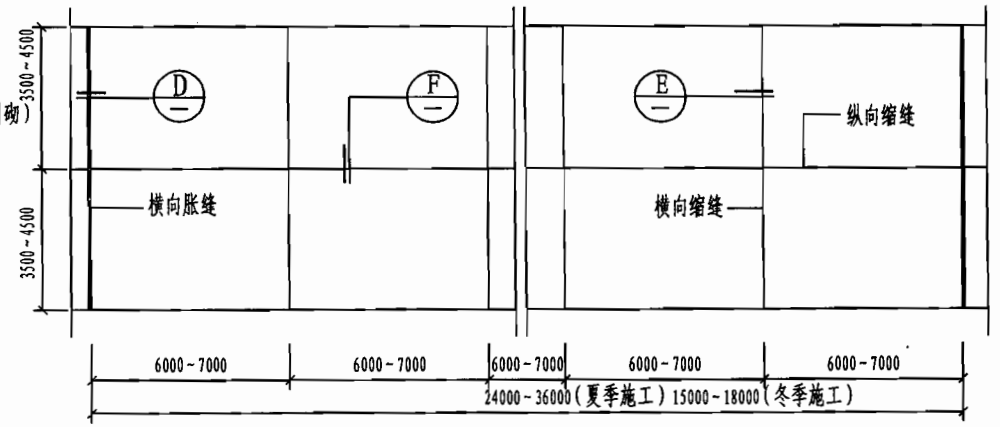
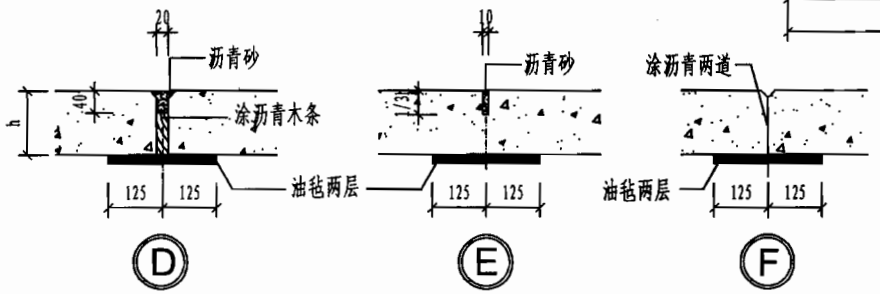












混凝土整体路面胀缩缝

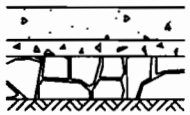
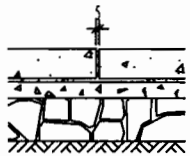
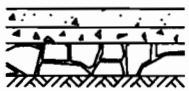
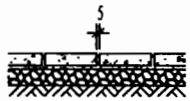
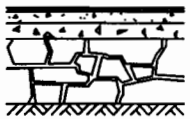
(路面宽度<7000时可不设纵向缩缝)

注：甲、乙种路牙均长495，C25混凝土预制，1:3石灰砂浆座砌，1:2水泥砂浆勾缝。
与沥青混凝土路面相接时，须刷沥青一道。混凝土整体路面的人行道平路沿可不设。

道路坡度要求：

道路纵坡：机动车最大纵坡≤8%.，坡长≤200m，最小纵坡≥0.2%，非机动车最小纵坡为≥0.2.%，最大纵坡≤3%.坡长≤50m。
步行道的最小纵向坡度≥0.2%，最大纵向坡度≤8%，基地地面坡度>8%时宜采用台地式，台地连接处应设挡墙或护坡。

道路横坡：机动车横坡为1.5%~2.5%。人行道横坡为1.0%~2.0%。

① 水泥混凝土整体路面 	1. 120～220厚C30混凝土面层 2. 70厚级配碎石(25～40)或 (200厚级配二灰碎石 粒径25～40) 3. 200厚块石(100～200)或 (200厚石灰土 含灰10%) 4. 路基碾压	150厚适用于小区道路 220厚适用于居住区道路 面层伸缩缝详5页 车行道面层厚度选择: 120厚:小卧车 行车荷载<5T 180厚:卡车 行车荷载< 8T 220厚:大客车 行车荷载<13T	⑤ 水泥混凝土预制块路面 	100厚C25混凝土预制块面层 25厚M5混合砂浆 70厚级配碎石(25～40) 200厚块石(100～200) 路基碾压	适于停车场和小型广场 面层厚度选择: 60厚C20混凝土预制块面层 适于小区步行道
② 水泥混凝土整体路面 	60厚C25混凝土面层分块捣制 50厚级配碎石(25～40) 150厚块石(100～200) 路基碾压	适用于组团路、宅间路和居住区、小区道路的人行道 面层伸缩缝详1页	⑥ 水泥方砖路面 	50厚C25细石混凝土块面层 30厚米砂 70厚级配碎石(25～40) 路基碾压	适用于人行道
③ 沥青混凝土路面 	15厚沥青砂面层 50厚中粒式沥青混凝土 100厚级配碎石(50～80) 300厚块石(200～600) 路基碾压	适用于小区、居住区车行道路 停车场 回车场	⑦ 卵石路面 	100-120厚卵石灌浆面层 25厚M10水泥砂浆 70厚级配碎石(25～40) 路基碾压	适用于公园小路
④ 沥青表面处治路面 	30厚沥青表面处治(双层式) 70厚级配碎石(25～40) 200厚块石(100～200) 路基碾压	适用于临时性道路和居住区、小区道的人行道	⑧ 侧砌砖路面 	120厚侧砌砖路面层 25厚M5水泥砂浆 70厚级配碎石(25～40) 路基碾压	适用于小庭院

注：1. 承载路面混凝土标号不低于C30,非承载道路混凝土标号不低于C20。括号内数字示粒径范围。

2. 路基碾压:压实系数>0.93(环刀取样),回弹模量不应小于80MPa。

3. 二灰碎石的基料为石灰.粉煤灰.碎石.一般配比为10:20:70或8:12:80。灰土基层一般配比为2:8或3:7。

道路路面结构

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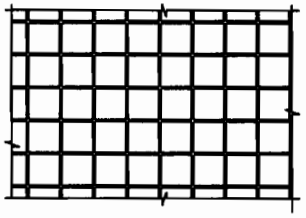
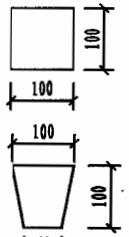
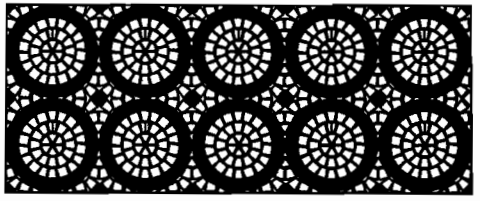
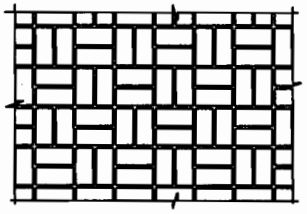
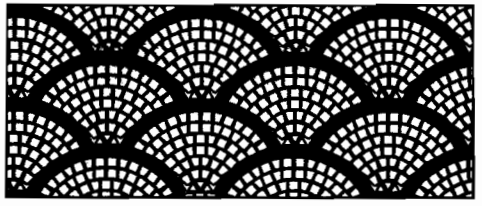
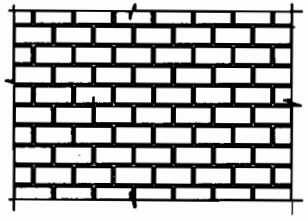
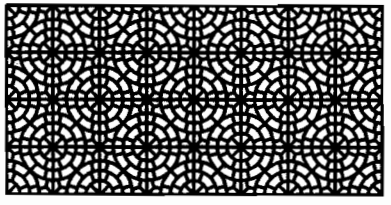
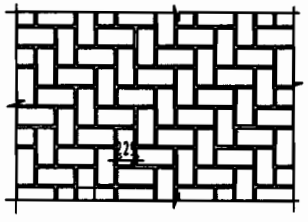
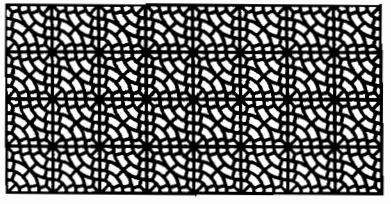
编号	铺地装饰做法	铺地拼花形式	编号	铺地块材	铺地拼花形式
①	8~10厚地砖,素水泥浆擦缝 (间缝为5~10) 撒素水泥面(洒适量清水) 20厚1:2干硬性水泥砂浆 (或建筑胶水泥砂浆)粘结层 刷素水泥浆(或界面剂)一道 100厚C15混凝土基层 150厚碎石或二灰碎石垫层 素土夯实  仿石陶瓷地砖 此类铺地适合于广场		⑤	 	
②			⑥		
③			⑦	 50~100厚彩色混凝土砖 砂扫缝,缝宽5~9) (彩色表面层20厚) 30厚粗砂 100厚碎石 素土夯实  彩色混凝土砖路 此类铺地适合于道路及广场	
④			⑧		

仿石陶瓷砖 陶制地砖铺装平面形式

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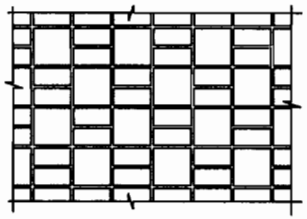
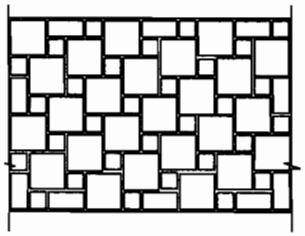
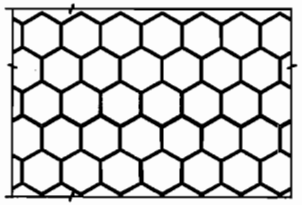
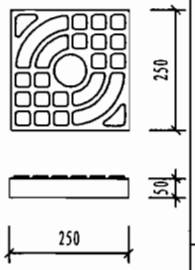
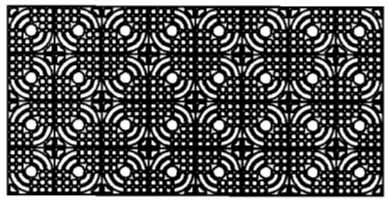
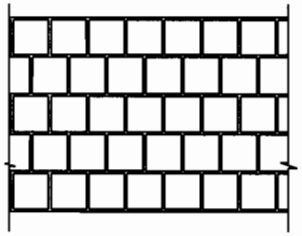
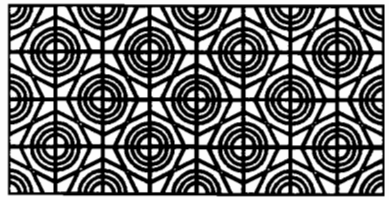
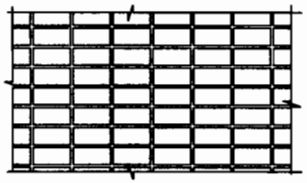
编号	铺地装饰做法	铺地拼花形式	编号	铺地块材	铺地拼花形式
①	50厚预制彩色行道砖面层 30厚1:3干硬性水泥砂浆，面上撒2厚素水泥（洒适量清水） 素水泥浆结合层一道； 100厚C15素混凝土 150厚碎石 素土夯实		⑤		
②	正六边形 40厚 边长为200 250×250×40		⑥	 C20混凝土予制块 250×250×40 250×120×40 120×120×40	
③	C20混凝土予制块 250×250×40 250×120×40 120×120×40		⑦		
④					适用于人行道

混凝土地砖铺装平面形式	图集号	苏J08-2006
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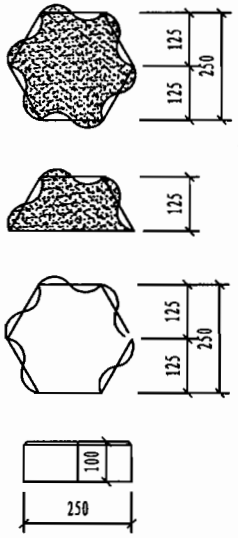
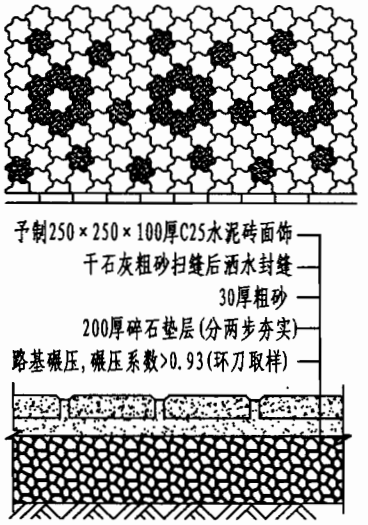
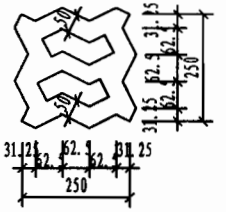
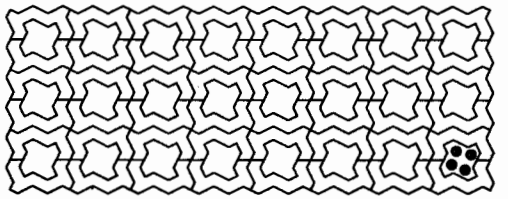
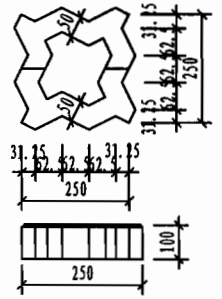
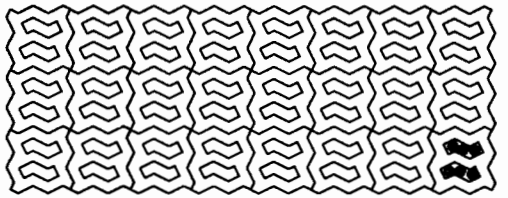
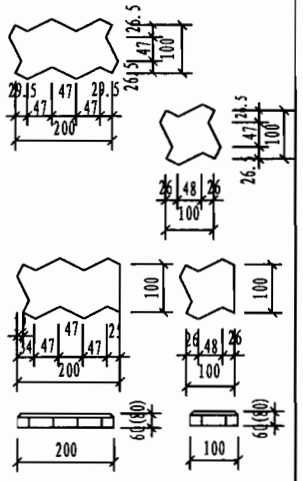
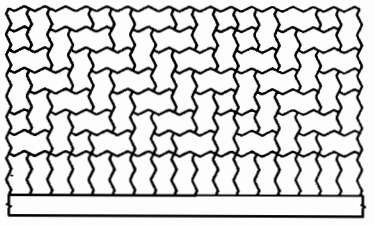
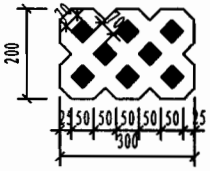
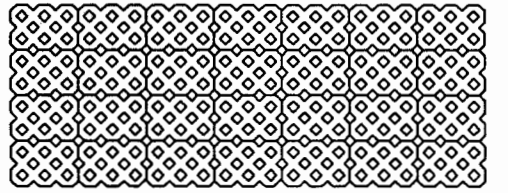
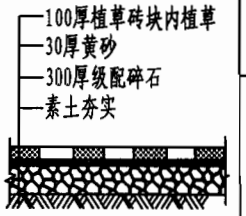
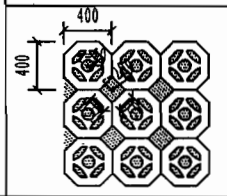
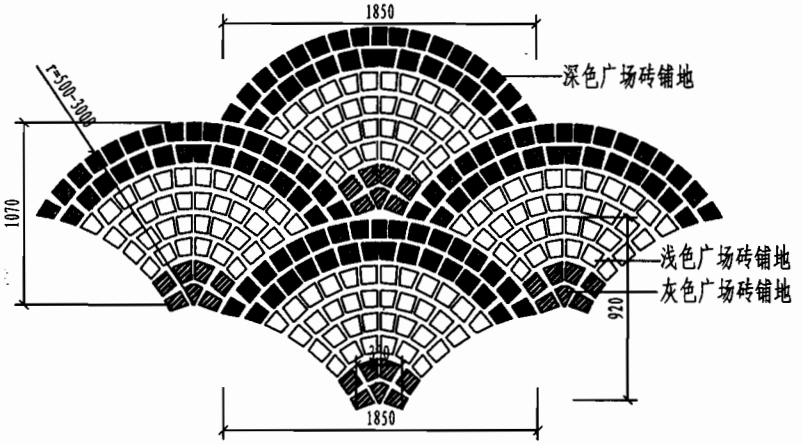
编号	铺地块材	铺地拼花形式	编号	铺地块材	铺地拼花形式
①		 予制250×250×100厚C25水泥砖面饰 干石灰粗砂扫缝后洒水封缝 30厚粗砂 200厚碎石垫层(分两步夯实) 路基碾压,碾压系数>0.93(环刀取样)	③		
			④		
②	 舒布洛克铺地砖(达科型)	 地面砖面层(砂缝1.6~3.2)细砂填缝 用高频小振幅板夯在铺面上走2~3趟 30厚中砂垫层 200~300厚碎石垫层 素土夯实(密实度达95%)	⑤		 植草砖平面组合形式 适用于停车场
			⑥	 100厚植草砖块内植草 30厚黄砂 300厚级配碎石 素土夯实 植草砖铺装块大样	  50厚植草砖 嵌草皮 30厚砂垫层 200厚二灰碎石 素土夯实 植草砖做法详图 适用于人行道

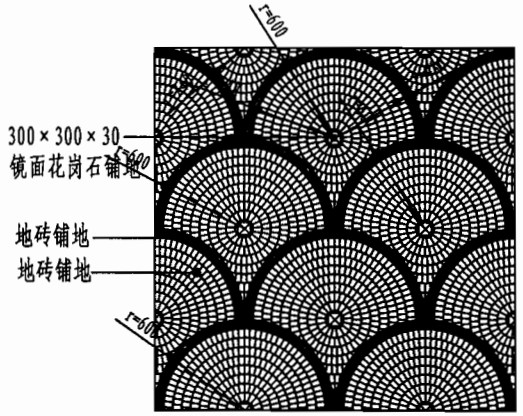
砖厚50适用于人行道
砖厚80~100适用于车行道

广场 停车场路面铺装平面形式

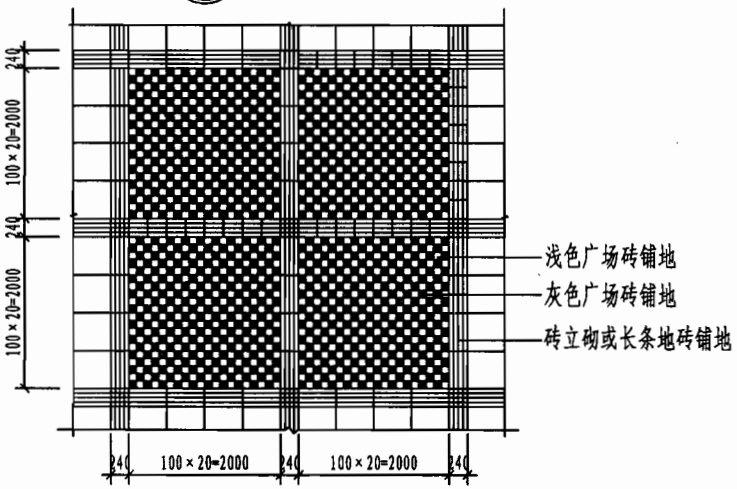
图集号	苏J08-2006
页 次	7



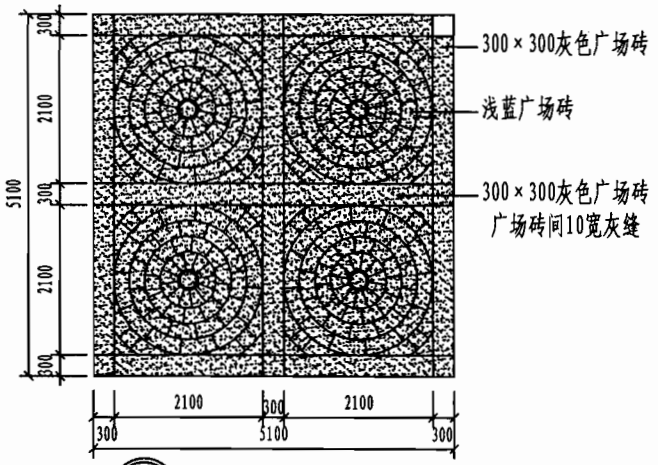
① 广场砖铺装



② 广场砖铺装



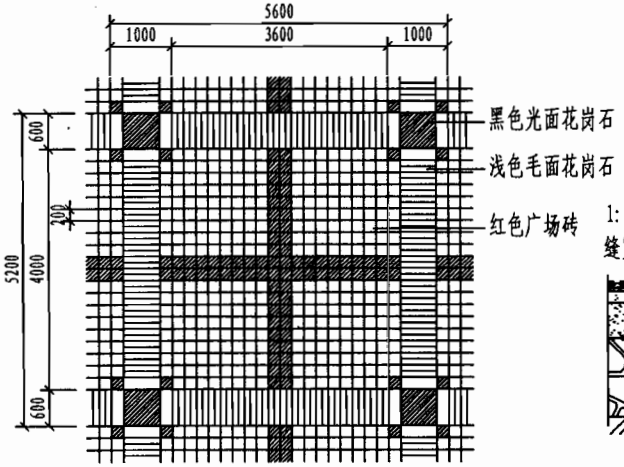
③ 广场砖铺装



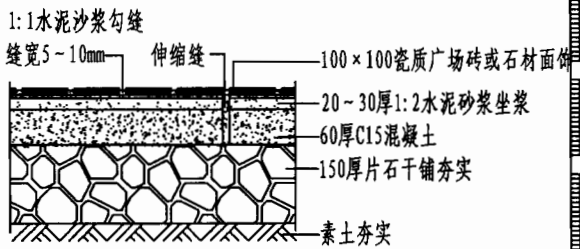
④ 广场砖.石铺装平面

注:
铺装与搭接做法见11.12.13页

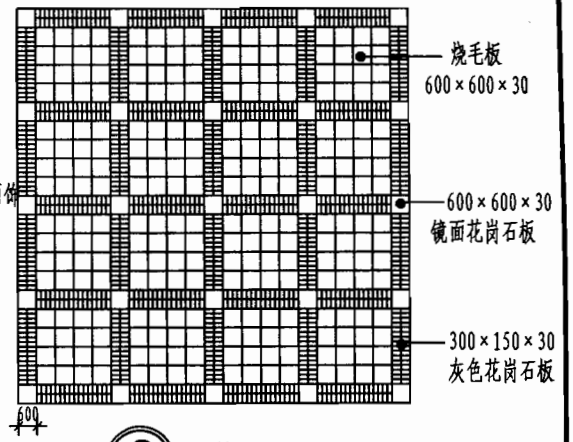
广场铺装形式(一)	图集号	苏J08-2006
	页 次	8



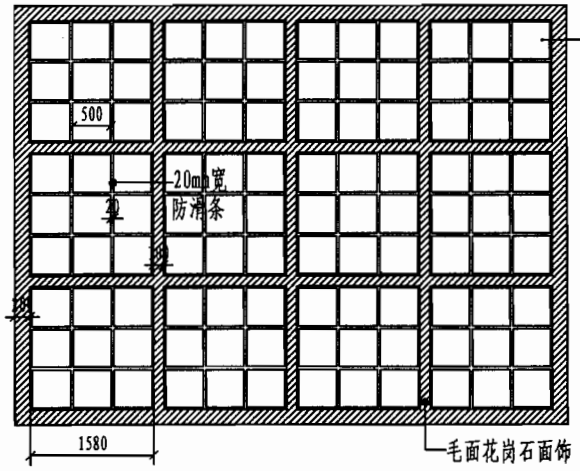
① 铺装平面



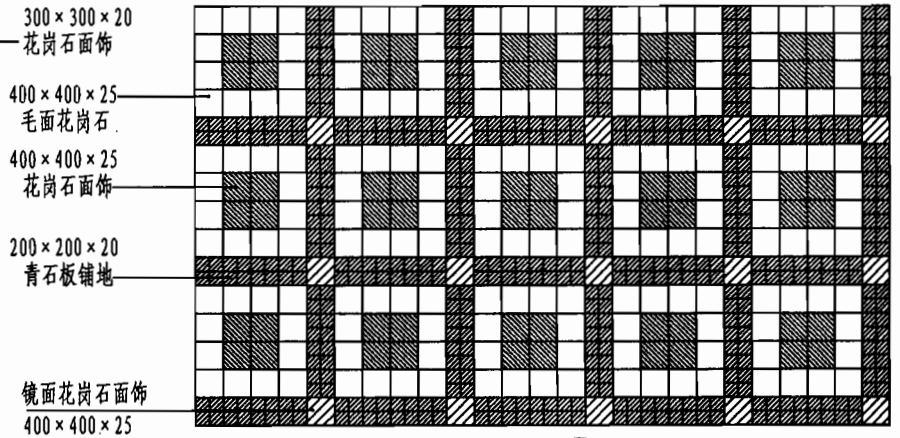
广场铺石.砖剖面图



② 铺装平面



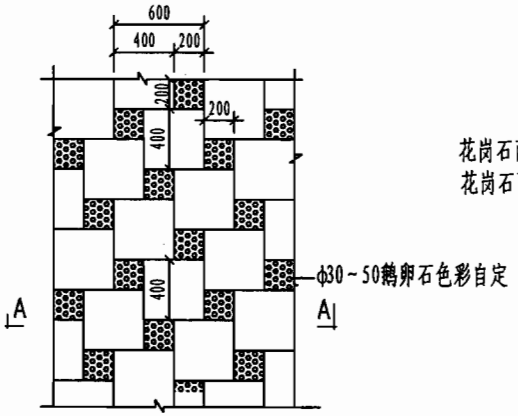
③ 铺装平面



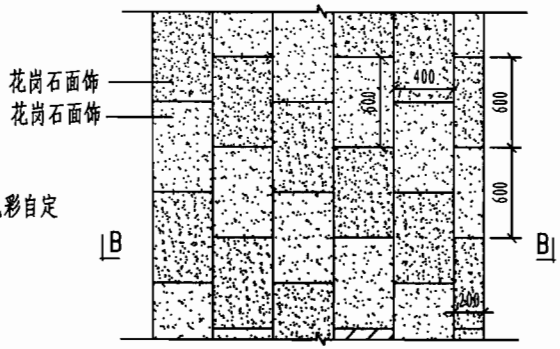
④ 铺装平面

注:
铺装与搭接做法见11.12.13页

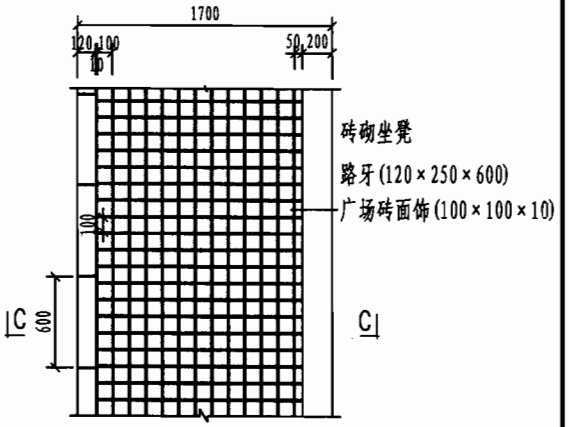
广场铺装形式(二)	图集号	苏J08-2006
	页 次	9



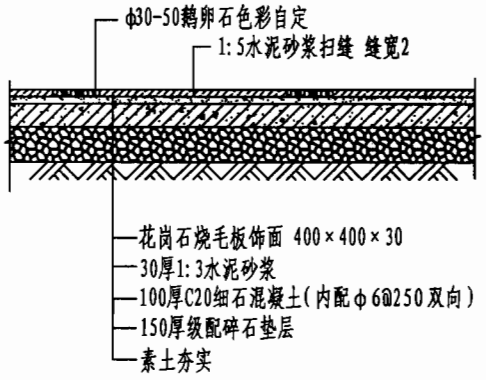
① 广场铺地平面图



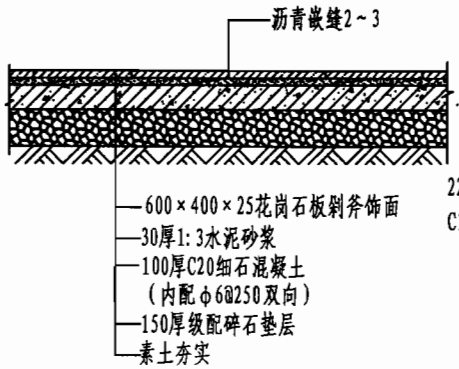
② 广场铺地平面图



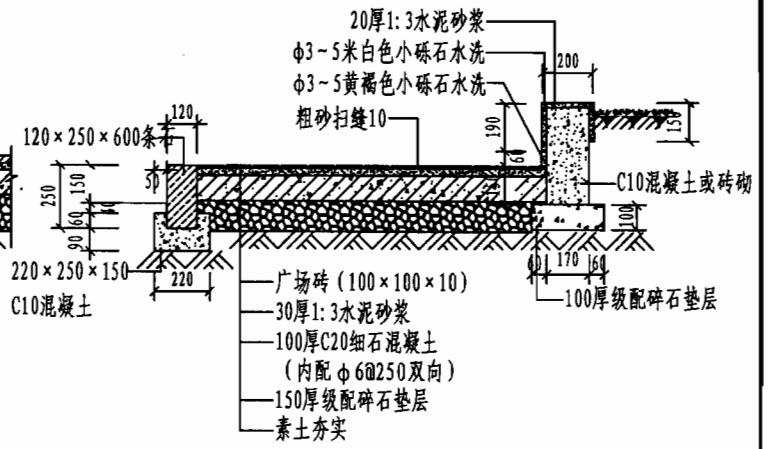
③ 人行道铺地平面图



A--A剖面图



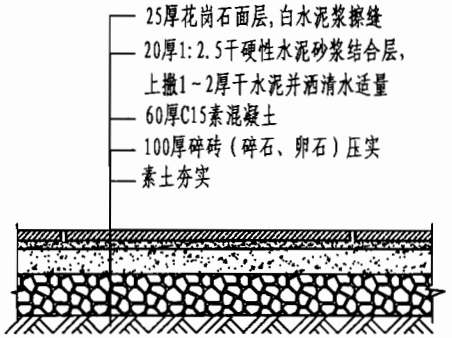
B--B剖面图



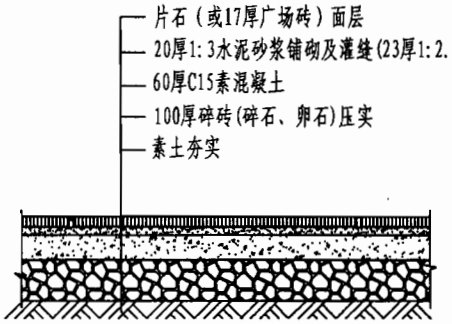
C--C剖面图

注:
铺装与搭接做法见11.12.13页

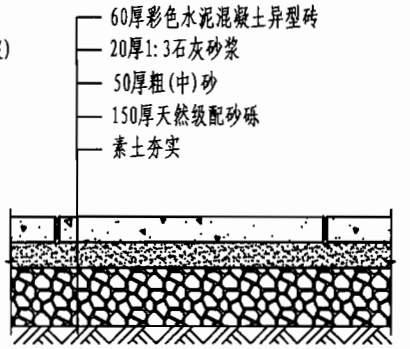
广场铺装形式(三)	图集号	苏J08-2006
	页 次	10



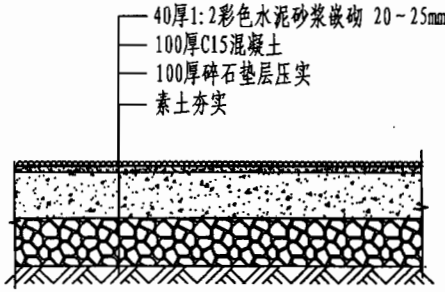
① 花岗石铺地做法



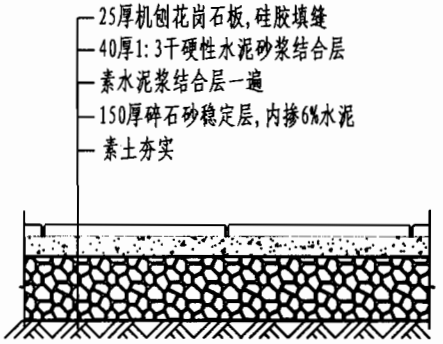
② 广场砖铺地做法



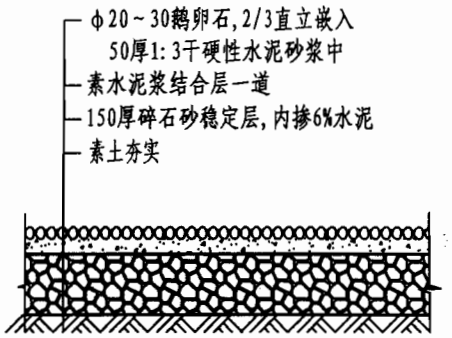
③ 透水性路面



④ 水洗石铺地做法

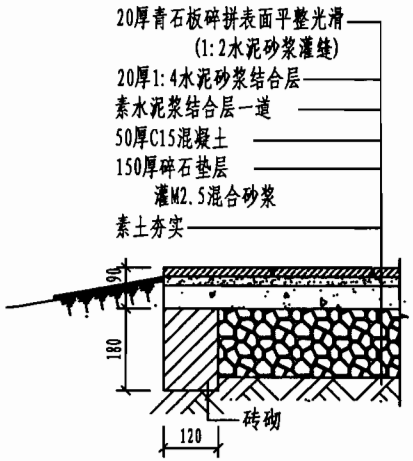


⑤ 机刨花岗石做法
火烧板铺装做法

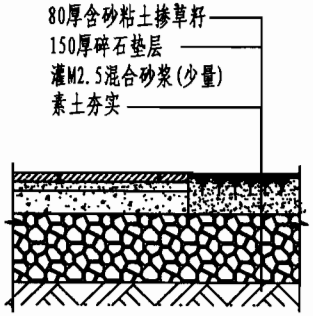


⑥ 卵石铺装做法

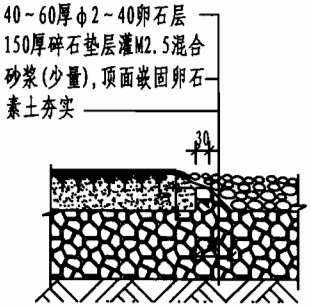
地面铺装做法	图集号	苏J08-2006
	页 次	11



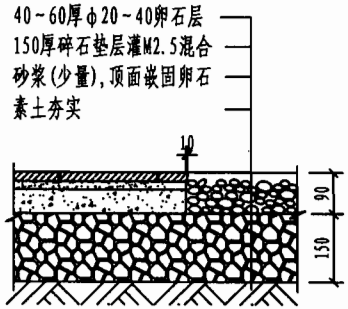
①



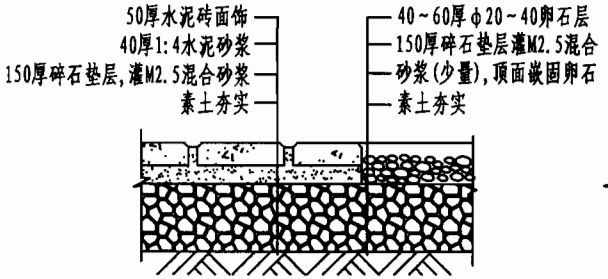
②



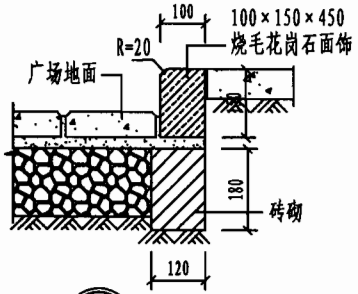
③



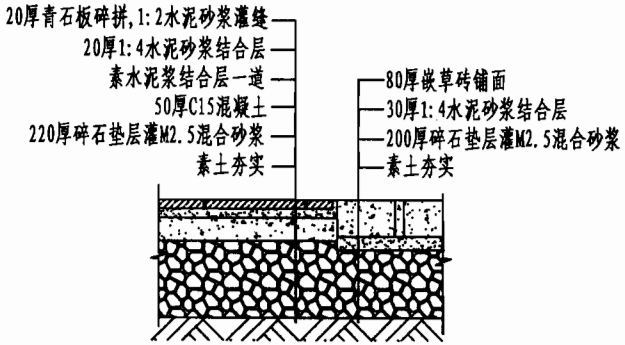
④



⑤



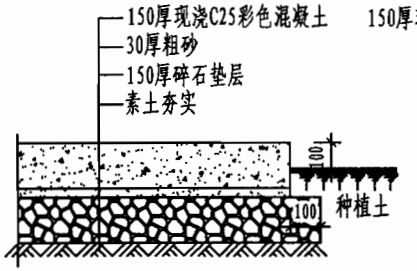
⑥



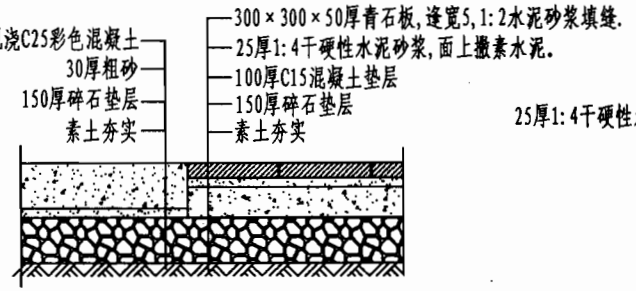
⑦

铺地的搭接形式(一)

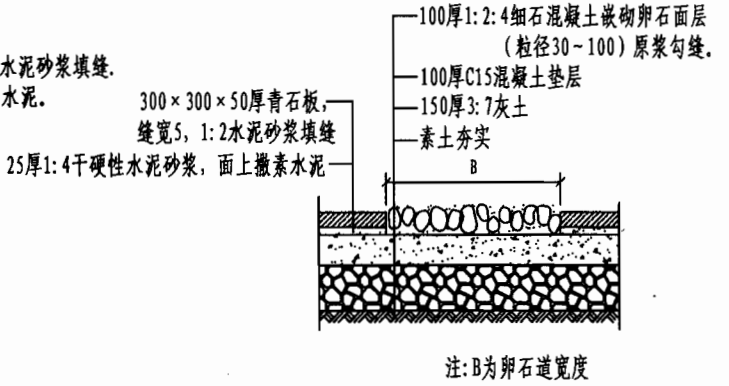
图集号	苏J08-2006
页 次	12



① 混凝土铺地

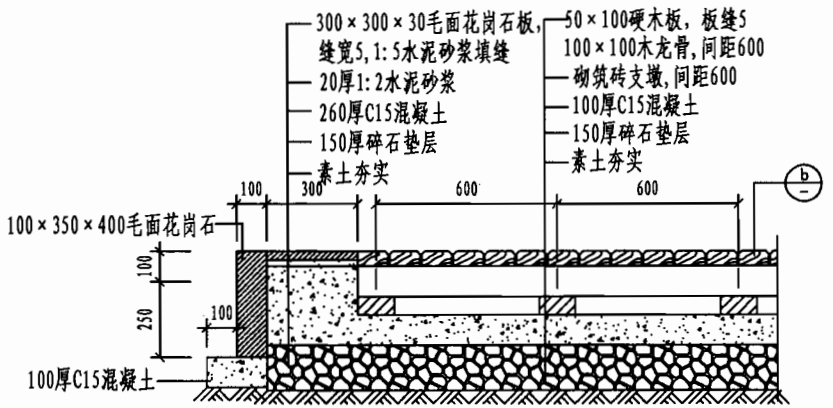


② 石材铺地与混凝土铺地相接做法

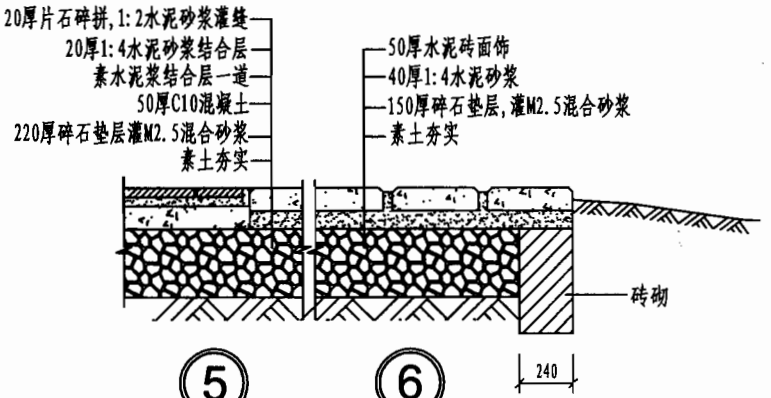


注：B为卵石道宽度

③



④ 石材铺地与木板铺地相接做法



⑤ ⑥

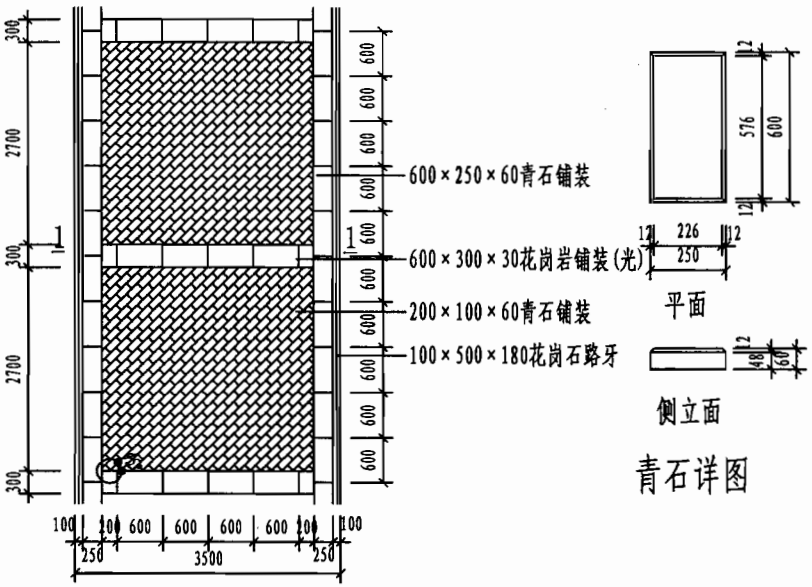
铺地的搭接形式（二）

图集号	苏J08-2006
页　次	13

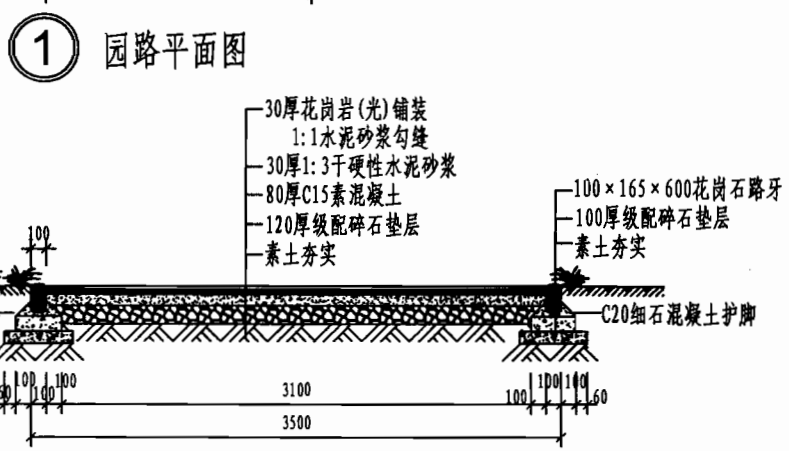
编号	铺地装饰做法	铺地拼花形式	编号	铺地装饰做法	铺地拼花形式
①	60厚1:2水泥砂浆嵌卵石 60厚C15混凝土 100厚块碎石垫层 素土夯实 卵石路面做法 适用于庭园路	青砖立铺 黄石 220 220 220 220	⑤	50厚青石板 （或100厚方头弹石） 50厚石屑 150厚碎砖或碎石 素土夯实 石板弹石路	r=400 青石卵 黄石卵
②		缸片 青卵石 180 240 180 600	⑥		卵石 缸片 青石 400
③	70厚预制混凝土嵌卵石 50厚1:2混合砂浆 二灰碎石 素土夯实 卵石嵌花路	卵石 青砖 缸片 150 150 380 150 680	⑦	青灰瓦型瓦片或缸片 20厚1:3水泥砂浆 40厚C10混凝土 100厚碎石垫层 加7%水泥压实 素土夯实 鹅卵石密贴	砖 瓦 卵石
④	40厚1:2.5彩色水泥砂浆嵌砌夹色卵石 100厚C15混凝土 100厚碎石垫层压实 素土夯实 卵石路面做法	青砖 卵石 300	⑧		350 700 青石 黄石

庭园路铺装形式选用

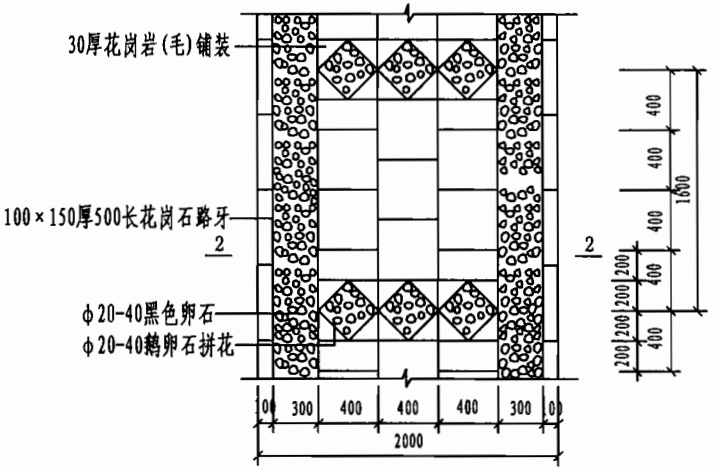
图集号	苏J08-2006
页　次	14



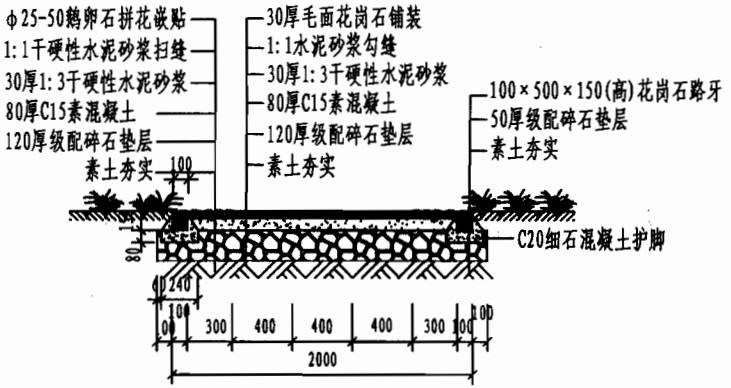
青石详图



1-1剖面图



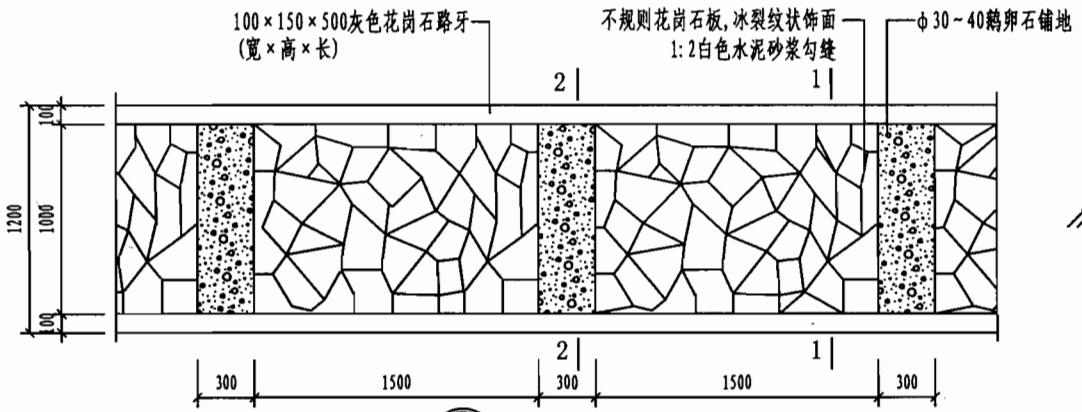
② 园路平面图



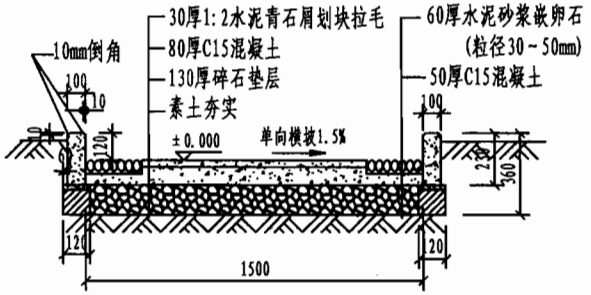
2-2剖面图

① 园路平面图

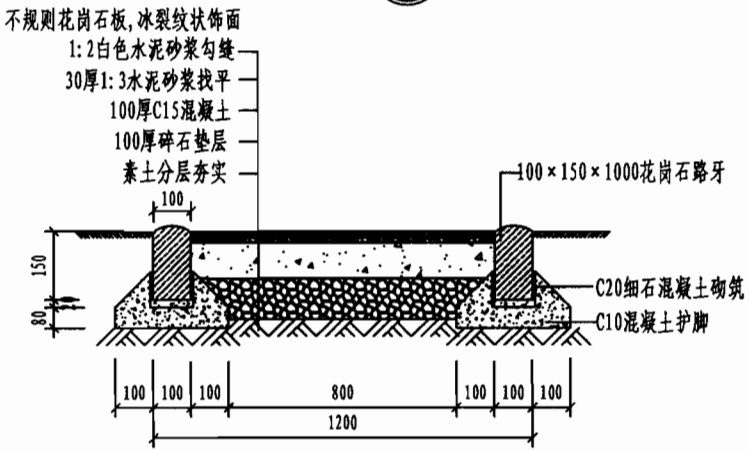
园 路 (一)	图集号	苏J08-2006
	页 次	15



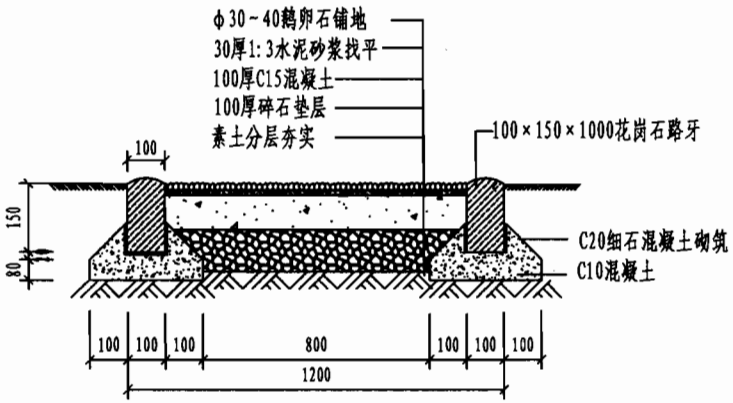
① 园路平面图



园路剖面大样

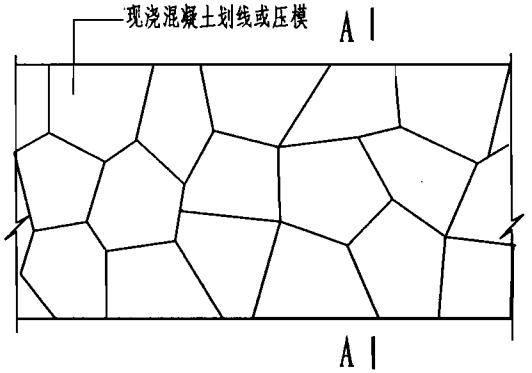


1-1剖面图

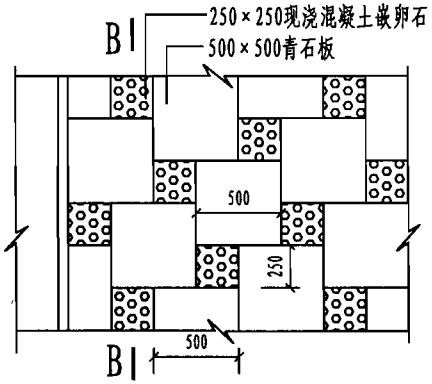


2-2剖面图

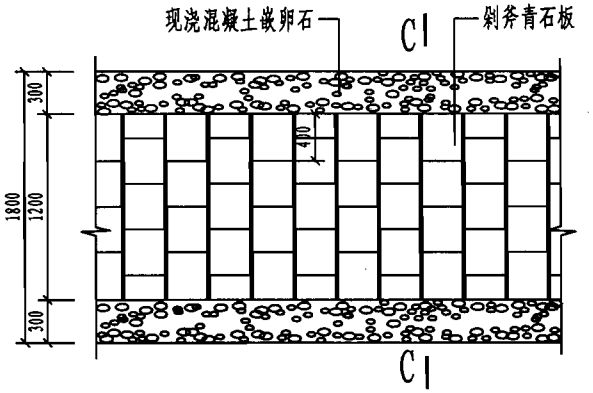
园 路 (二)	图集号	苏J08-2006
	页 次	16



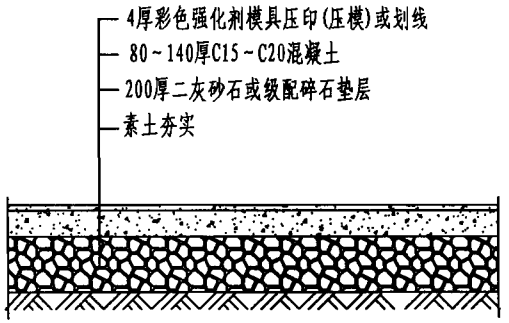
① 混凝土模压路



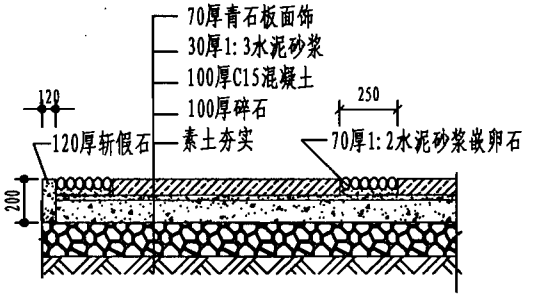
② 青石板卵石路



③ 园路铺装详图

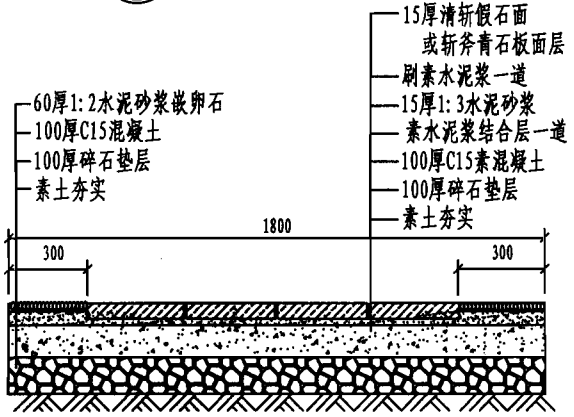


A-A剖面图



B-B剖面图

注: 卵石要求圆滑,粒径4~7cm.



C-C剖面图

注: 1. 米石子粒径为2~4,也可掺20%石屑.
2. 分格条宽度一般为8~12,位置详见单项设计.
3. 如采用白水泥或彩色米石子,由单项设计中注明.

园 路 (三)	图集号	苏J08-2006
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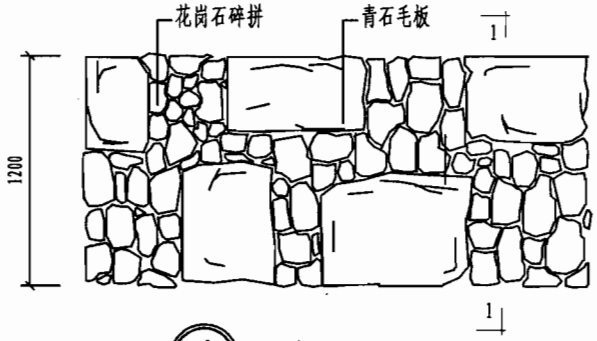
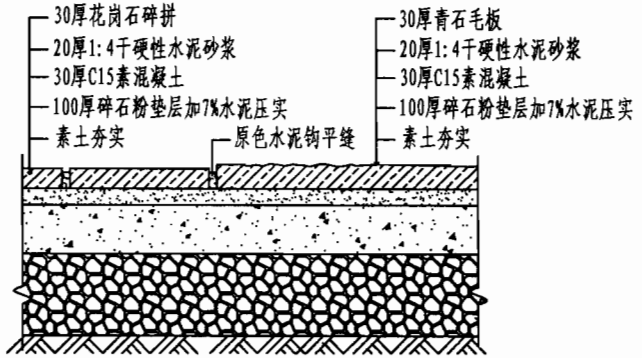
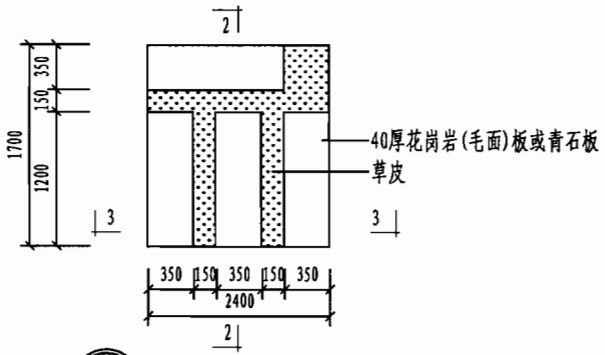


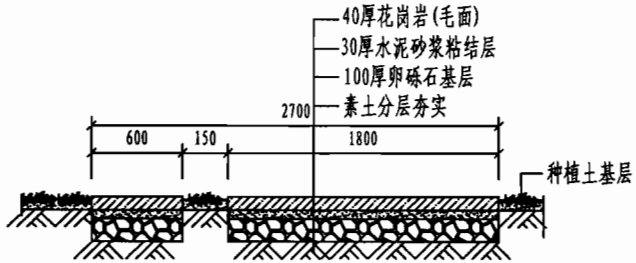
① 园路平面图



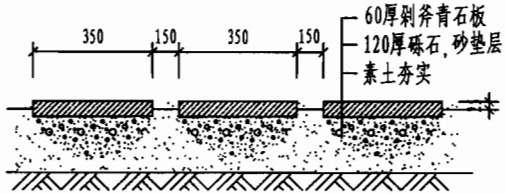
园路1-1剖面图



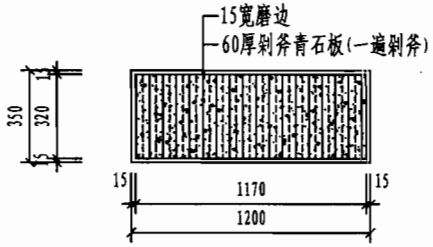
② 步石平面图



步石2-2剖面图



步石做法



青石板大样

园 路 (四)	图集号	苏J08-2006
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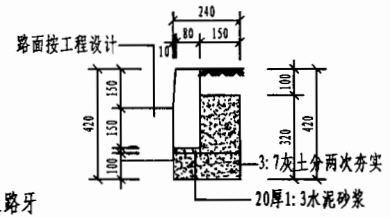
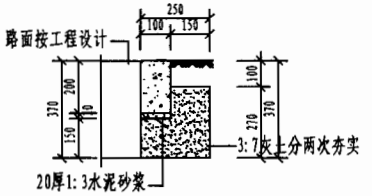
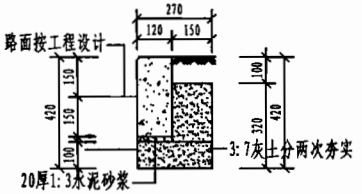
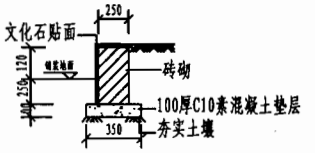
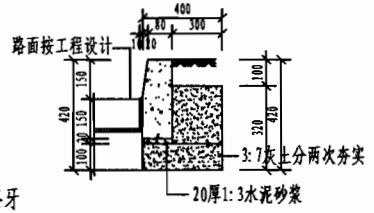
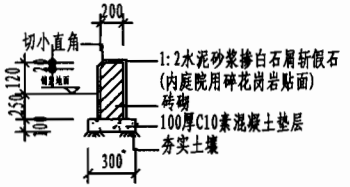
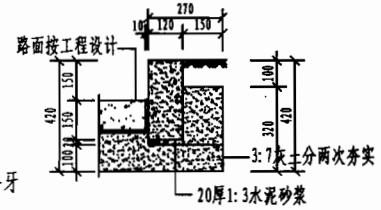
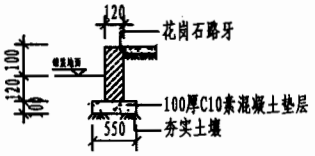
① 预制混凝土成品立路牙		适用于块料路面	⑤ 预制混凝土平路牙		适用于步道
② 预制混凝土成品立路牙		适用于整体路面	⑥ 砖砌路牙		适用于人行道
③ 预制混凝土成品立路牙		适用于块料路面	⑦ 砖砌路牙		适用于公园小路
④ 预制混凝土成品立路牙		适用于块料路面	⑧ 石材路牙		适用于公园小路

注：混凝土路牙标号为C25. 路牙长度一般为495, 路牙之间用1:3水泥砂浆勾缝, 缝宽5
路牙与路面整体面层留缝10, 路牙背面及下面用3:7灰土夯实.

路 牙

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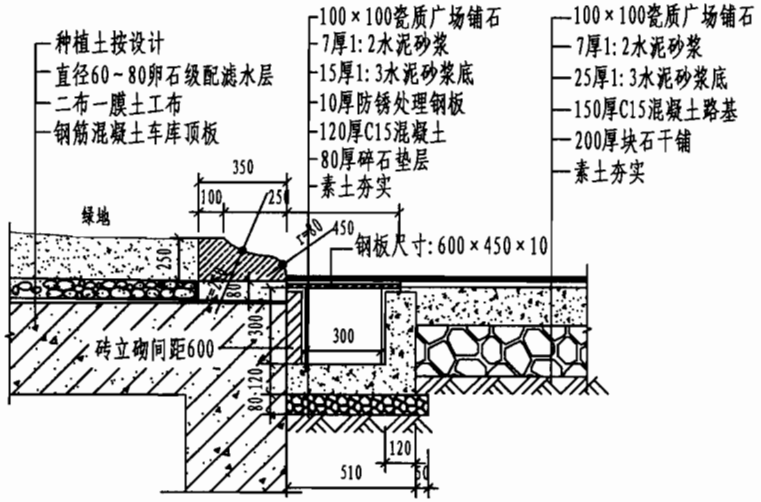
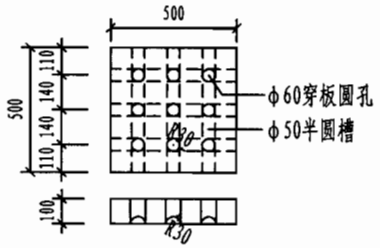
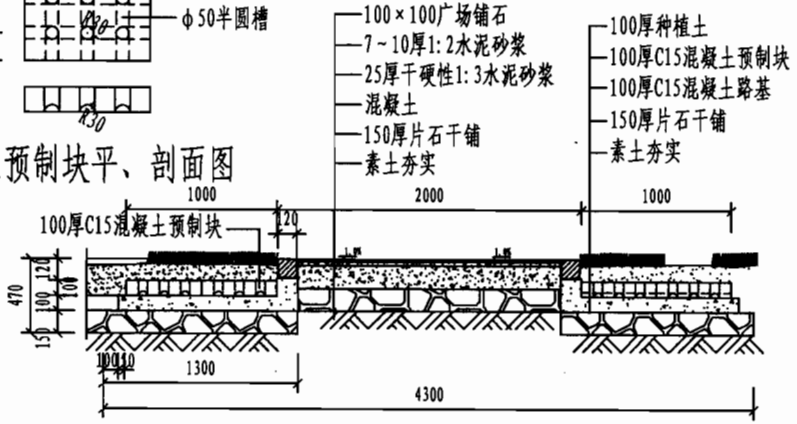


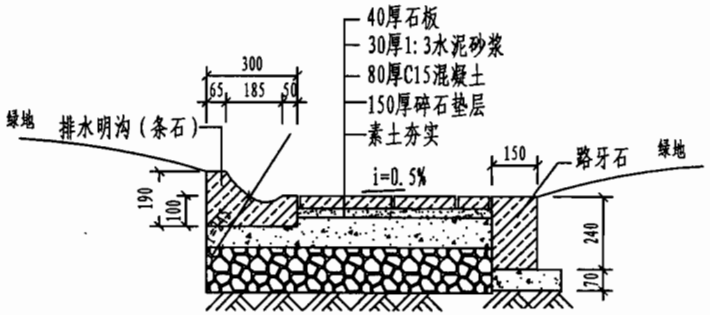
① 园路路牙剖面



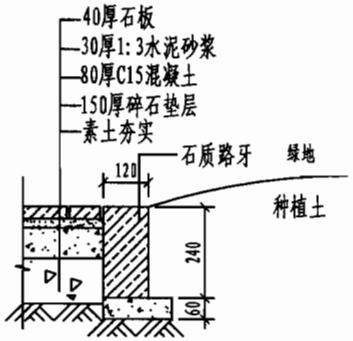
混凝土预制块平、剖面图



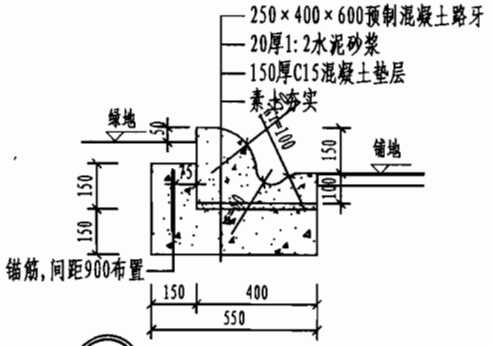
② 园路及路牙铺装平面图



③



④ 平路牙剖面



⑤ 路牙石做法

(注:本做法适用于停车场边缘及与公路相接处)

园路路牙铺装做法	图集号	苏J08-2006
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运动场地说明

一. 编制依据:

1. 《体育建筑设计规范》 JGJ31-2003
2. 《建筑设计资料集》第7集 体育场章节
3. 《塑胶跑道》 GB/T14833-93

二. 适用范围:

适用于中小学与非专业性运动场地。

三. 场地布置:

1. 跑道区: 场地直道长度（80.0米）和内直径（37.898米）, 跑道宽度1.22米, 主直道长165.9米;
2. 场地中布置105.0m×70.0m的标准足球场, 及铅球、跳高、跳远区;
3. 跑道内外均可设单、双杠器械运动区。

四. 场地做法:

1. 跑道: 场地挖至垫层标高夯实, 铺设200厚级配砂石, 130厚粒径20-40碎石垫层, 再分层铺75厚C25沥青混凝土层, 找平后面层罩13厚塑胶面层; (完成后的地面标高与边线面标高相同)
2. 跳高 跳远及其他运动场地: 场地挖至垫层标高夯实, 铺设200厚级配砂石, 130厚粒径20-40碎石垫层, 再分层铺75厚C25沥青混凝土层, 找平后罩铺25厚塑胶面层; (完成后的地面标高与周边面标高相同)
3. 足球运动区场地: 见本篇22页
4. 篮球场: 场地平整后素土夯实, 填150厚砂石和100厚碎石垫层压实, 再分层铺70厚C20粗 细沥青混凝土, 面层罩3-5厚聚胺酯塑胶面层。

五. 给排水工程:

1. 场地应有良好的排水和渗水性能, 在粘性土壤地区的场地, 应设置地下排水暗管。
2. 跑道横向坡度应采用不应大于1%的坡度, 由内侧低外侧高坡向排水沟, 跑道的纵向坡度不应大于0.1%的坡度由跑进方向高低倾斜, 跑道中间场地采用0.4%的坡度龟背式坡向排水沟, 其余场地均采用0.4%的坡度。

六. 施工要点:

1. 场地基础外沿应留有宽20mm深40mm的缝槽, 以便塑胶面饰铺设时包边.
2. 沥青混凝土面层表面要求平整无裂缝、无麻面、无沉降, 符合塑胶铺设要求, 基础垫层压实, 素土密实度达95%以上.
3. 基础施工除了按照体育设施建设的工艺要求外, 其他可参考市政道路路面施工及验收规范执行.

说明: 1、按标准田径场塑胶层局部加厚到25厚。

2、局部加厚区指: 跑道内的起跑处; 跳高、跳远、三级跳远的起跳处; 标枪的起掷处等。

运动场地施工说明	图集号	苏J08-2006
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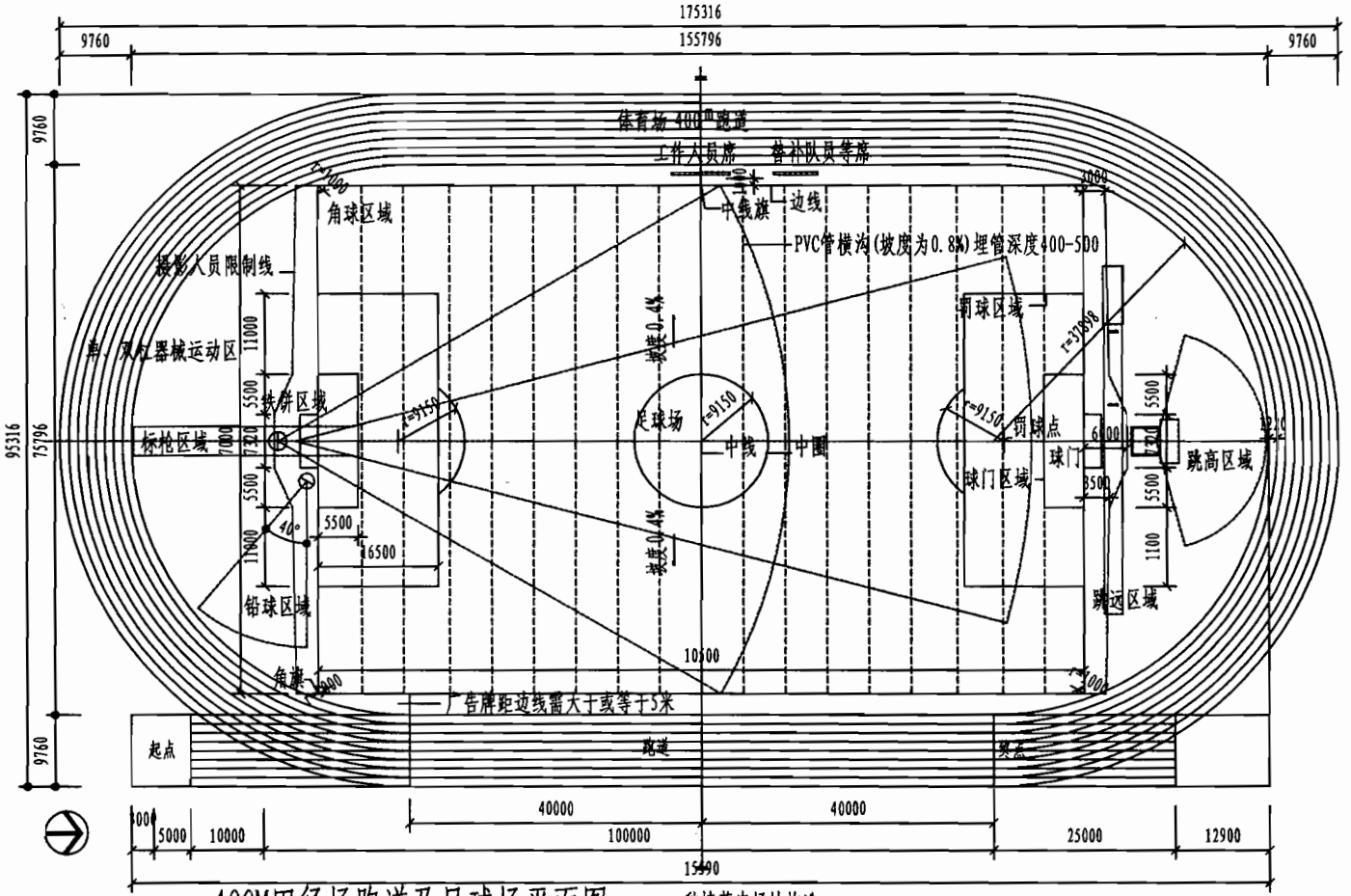
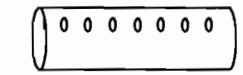
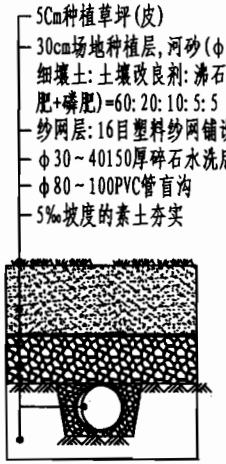


400M田径场跑道及足球场平面图



PVC管渗水示意图

(坡度为0.8%)埋管深度400～500
PVC管横沟截面图



PVC管横沟剖面图

人工草皮场地构造:

人工草皮及弹性排水层坡度0.4%,画线
30厚细沥青混凝土,空隙率7～12%
40厚粗粒沥青混凝土层,空隙率15～22%
250厚级配砂石
土工布一层,200g/m2
级配砂石盲沟及排水管φ80～100PVC
上部打孔,纵坡0.3%
素土夯实

说明:

一、每隔5米,埋设一条φ80～100PVC管,坡度为0.8%.场地表面距地下水位应≥1米.

二、PVC管面向草根的那一面,每隔80mm钻一个φ15的渗水孔.

三、PVC管埋在泥土下400mm深,回填时先用一层碎石覆盖渗水孔.
PVC管出水口接到外排水系统.

四、足球场种植天然草坪,草应发育快,耐践踏.
草皮场地范围应超出边界线1.0米以外

种植草皮场地构造:

50厚种植草皮(移栽)及弹性排水层坡度0.4%,画线
80厚草碳土混合砂性土(1:3)
120厚砂性土,(密实度87%)
100厚粗砂(φ0.5～2)洒水沉实再碾压).
100厚砾石(φ5～32)
150～250厚卵石(φ50～70)
50厚砾石(φ5～32)
素土碾实

种植草种:

冷季型有:
高羊茅,早熟禾
暖季型有:
狗牙根,马尼拉.

足球 田径场跑道平面大样图 足球场盲沟分布图 剖面图	图集号	苏J08-2006
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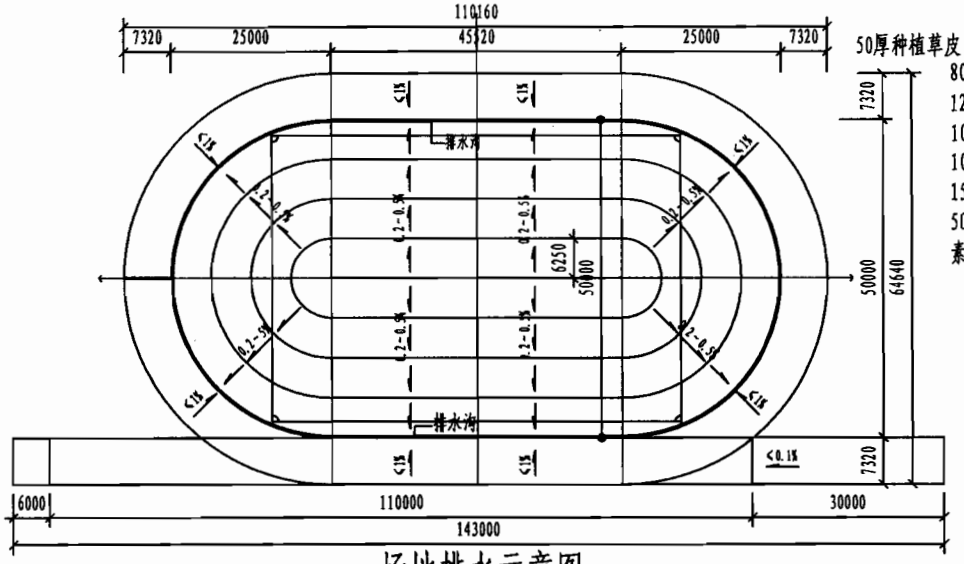
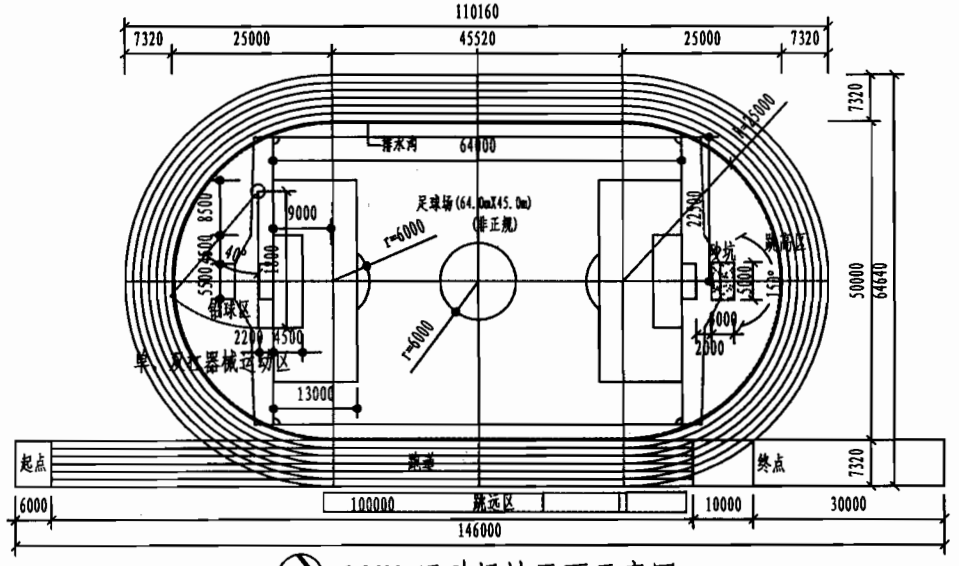
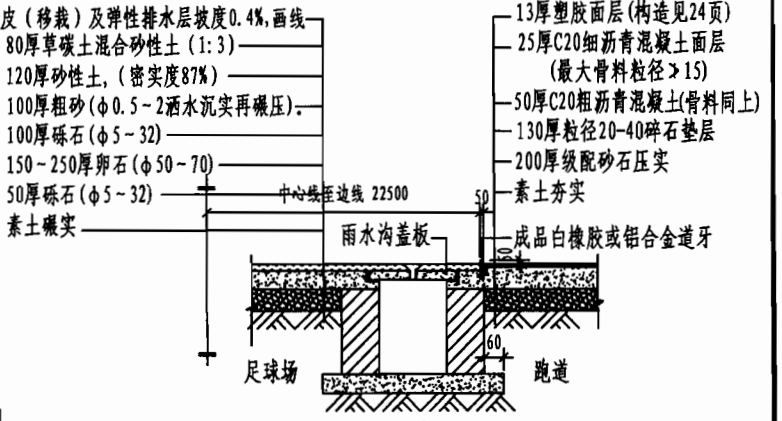


场地排水示意图

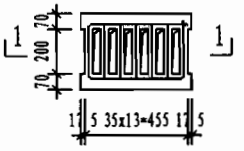


250M 运动场地平面示意图

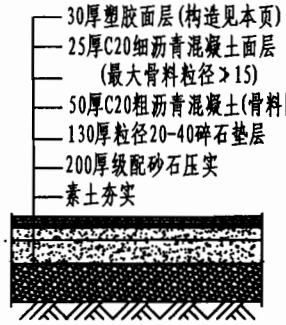


足球场结构剖面

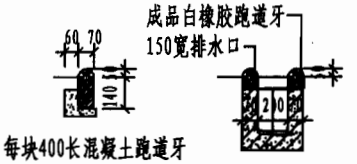
1-1剖面



蓖子平面



单、双杆区基础剖面图



塑胶跑道排水示意

注：采用场地现浇聚胺酯塑胶面层构造：

1. 聚胺酯颗粒的摩擦面
2. 5厚聚胺酯低硬度弹性体
3. 25厚废轮胎橡胶粒垫层
(其中有60%废轮胎橡胶粒.
27%聚胺酯及13%其它成份组成.)

田径场跑道平面大样图

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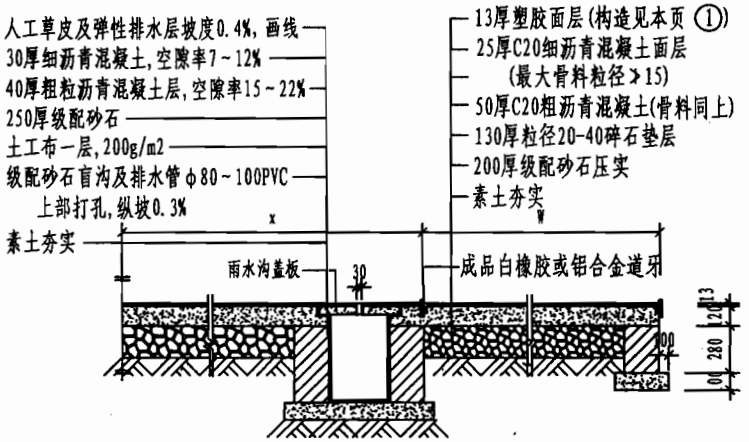
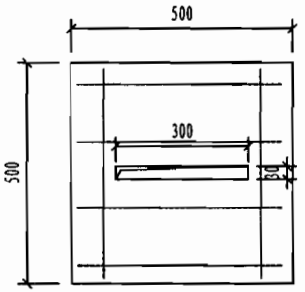
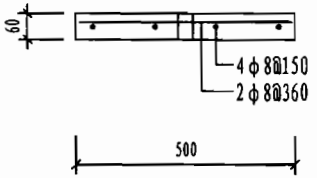


运动场与跑道结构剖面

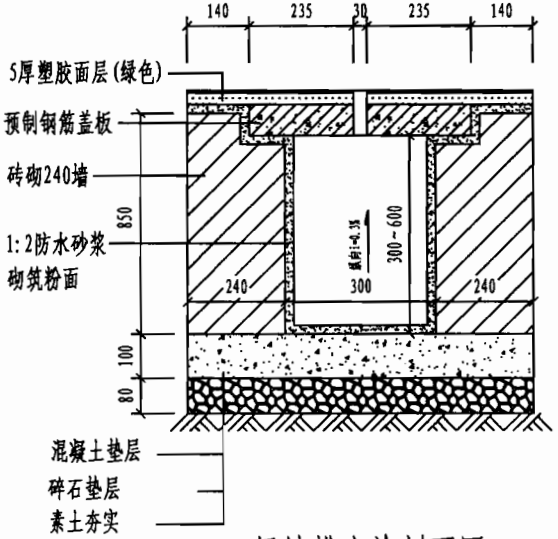


排水沟盖板

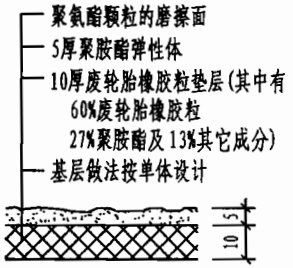
500×500×60



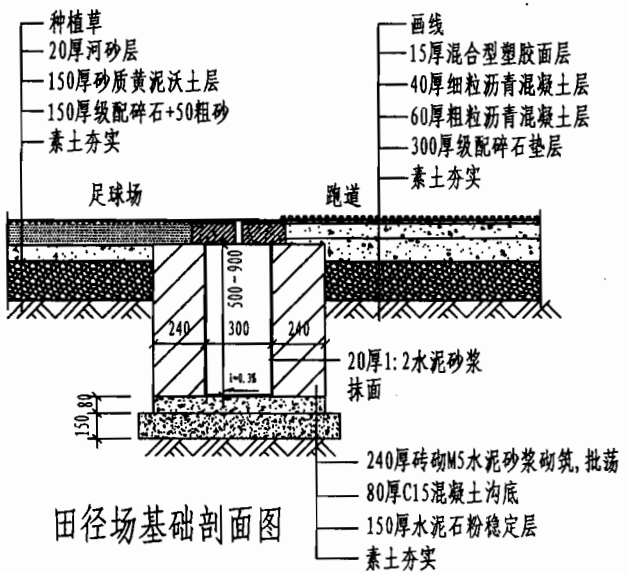
盖板剖面图



场地排水沟剖面图



聚氨酯塑胶面层



田径场基础剖面图

运动场和跑道及结构剖面 场地排水沟剖面	图集号	苏J08-2006
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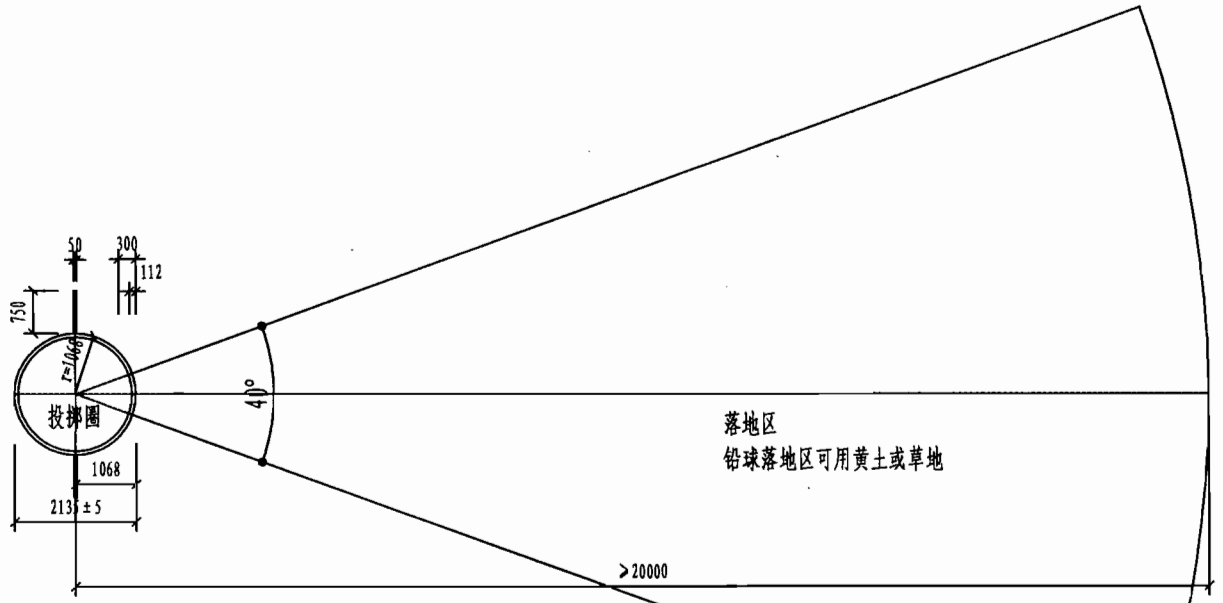
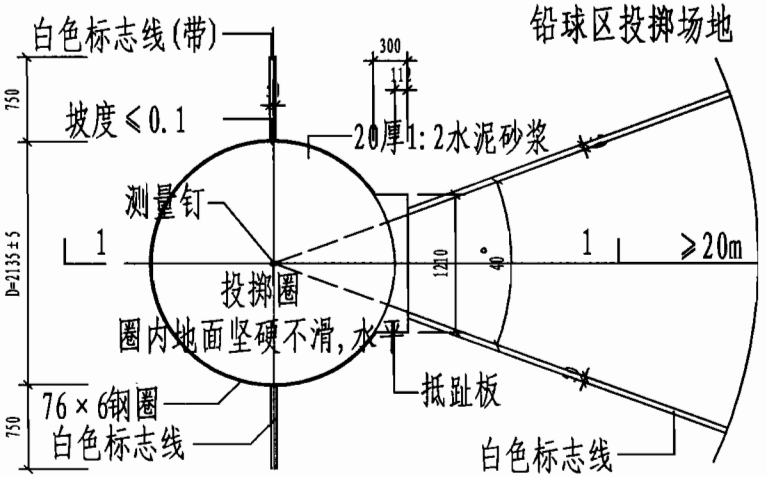
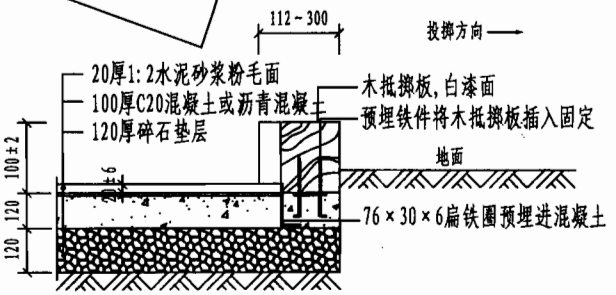


铅球区投掷场地



铅球投掷场地



铅球场地地面结构

铅球地面结构图	图集号	苏J08-2006
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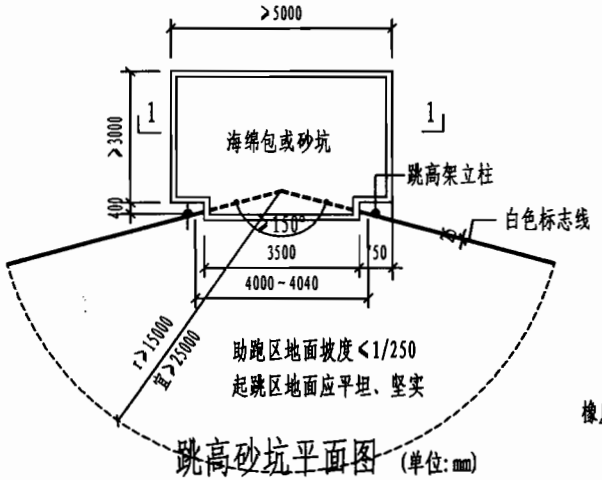
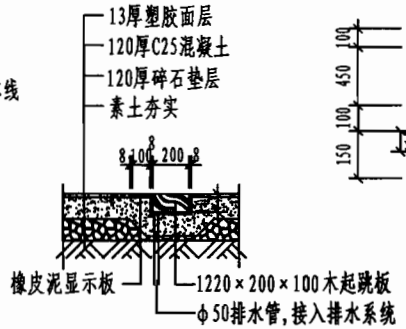
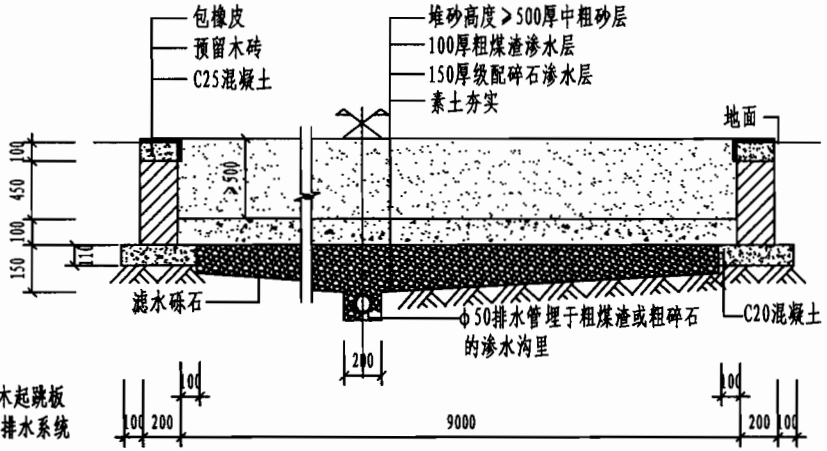


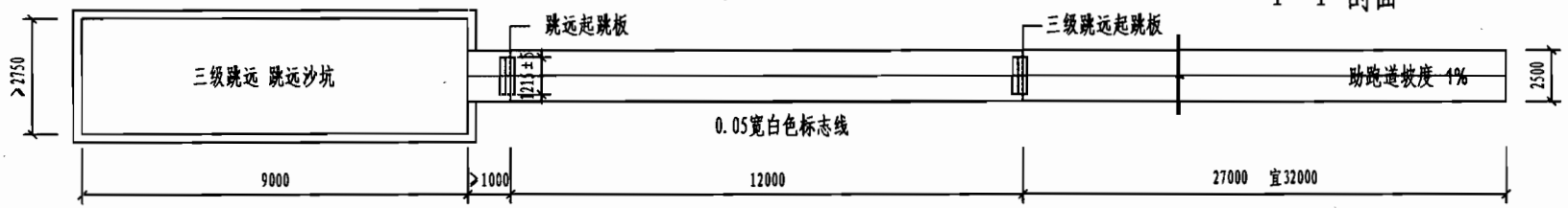
跳高砂坑平面图 (单位:mm)



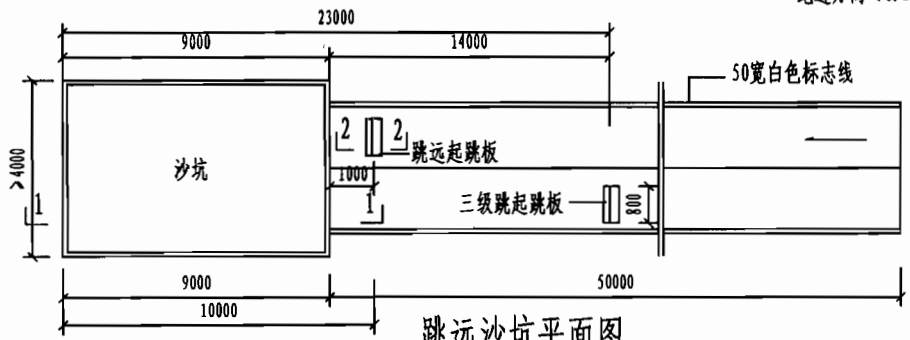
2－2 剖面



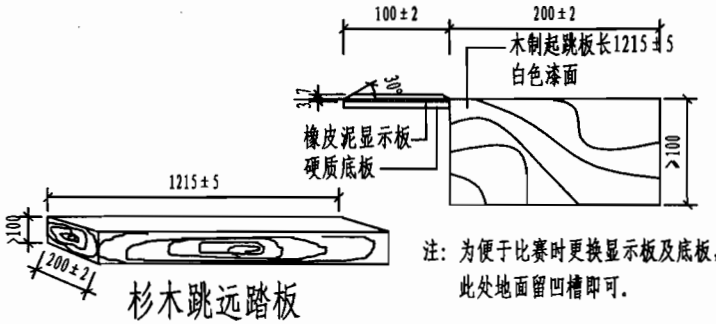
1－1 剖面



三级跳远沙坑平面图 助跑道坡度:左右≤1%
跑进方向≤0.1%



跳远沙坑平面图



杉木跳远踏板

注:为便于比赛时更换显示板及底板,此处地面留凹槽即可.

跳远、跳高场地详图

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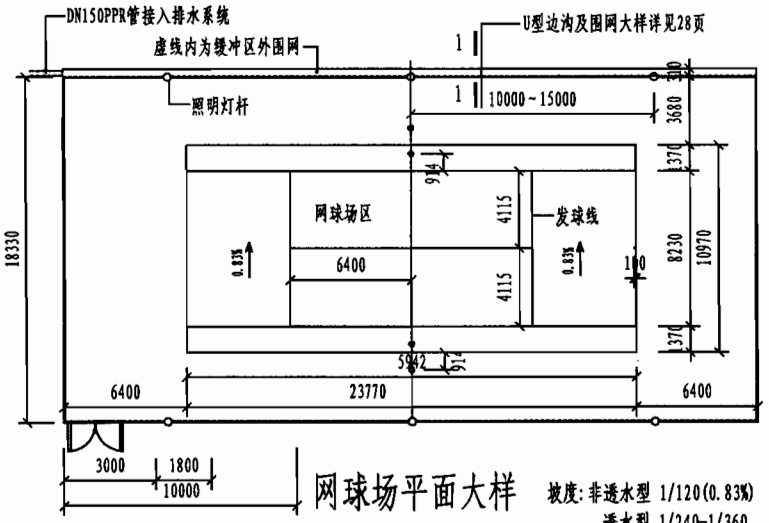
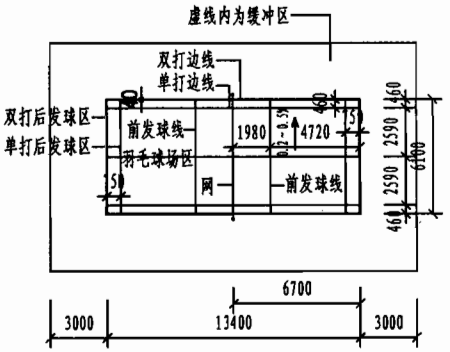
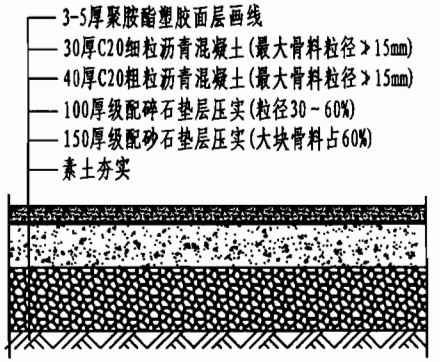


网球场平面大样

坡度：非透水型 1/120(0.83%)
透水型 1/240-1/360
(0.42-0.28%)

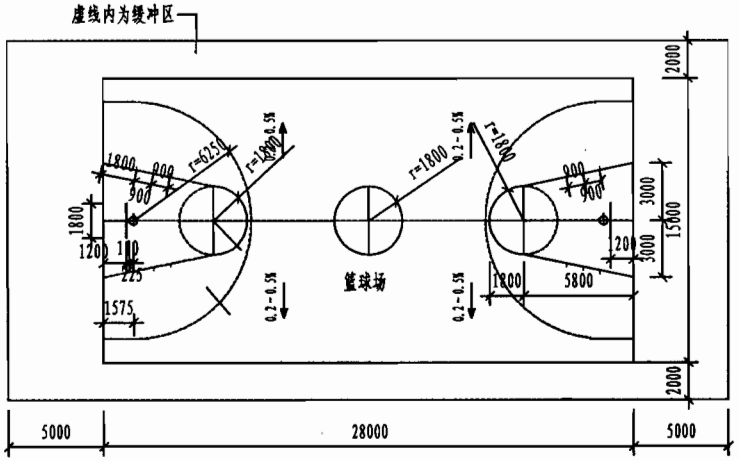


羽毛球场平面大样图

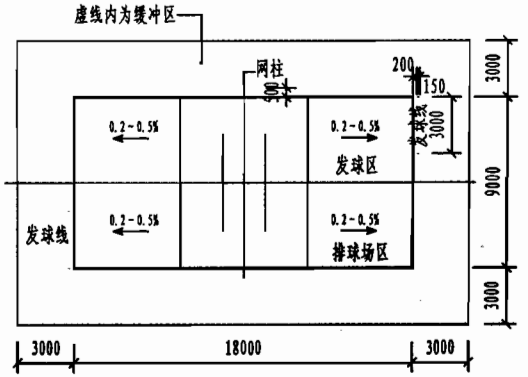


① 塑胶面层场地

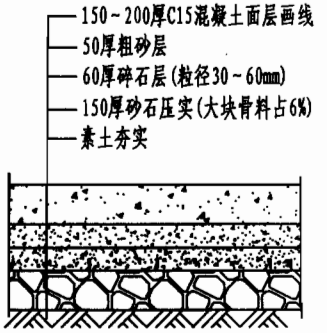
(适合篮.排.网.羽毛球场)



篮球场平面大样图



排球场平面大样图



② 混凝土面层场地

(适合篮.排.网.羽毛球场)

N 注：长轴基本为南北向，偏角宜＜20°

篮 排 网 羽球场地平面及构造	图集号	苏J08-2006
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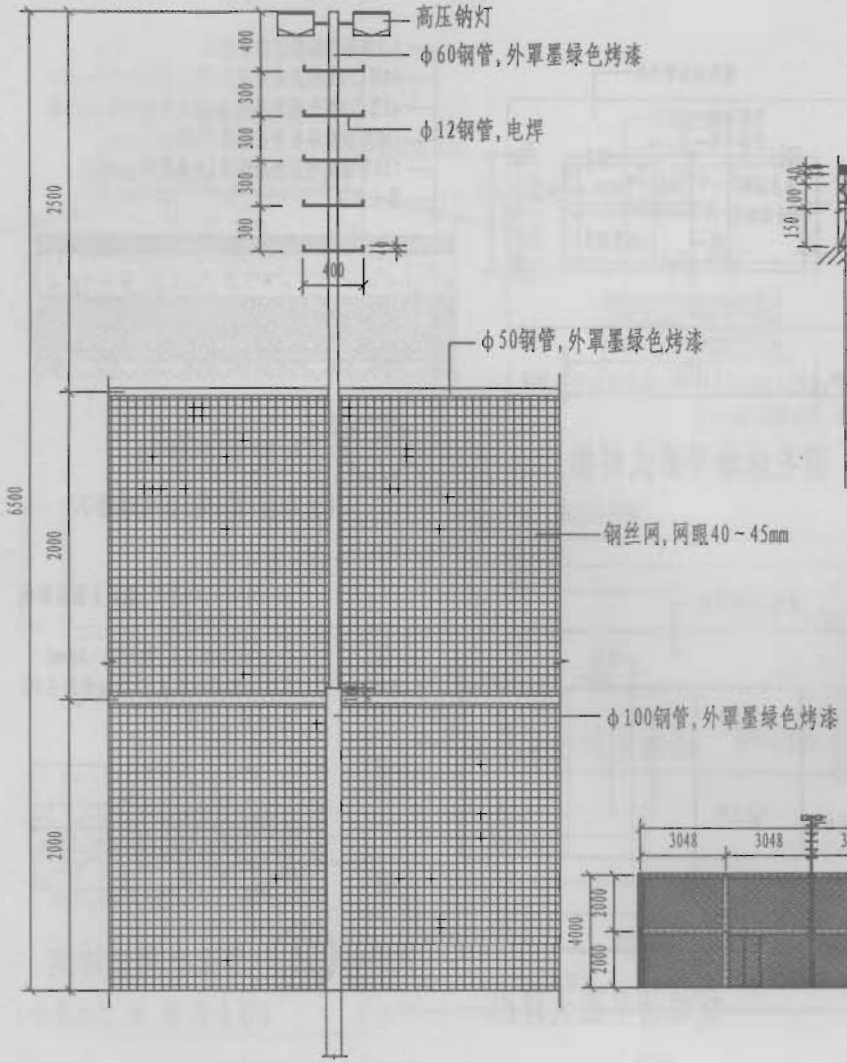
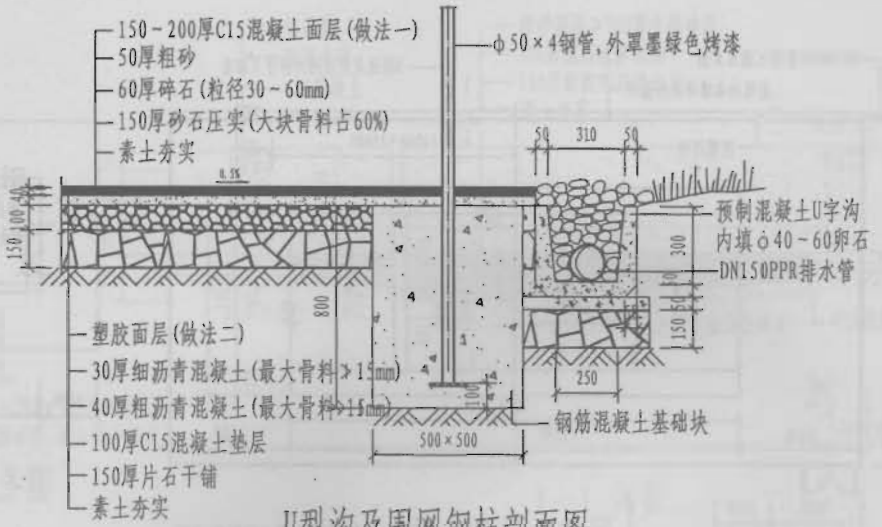
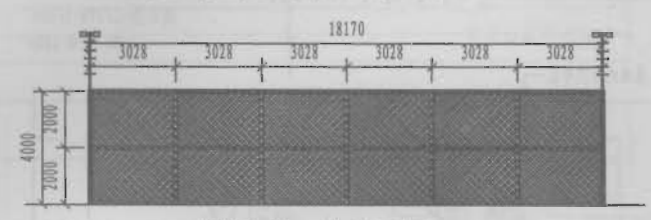


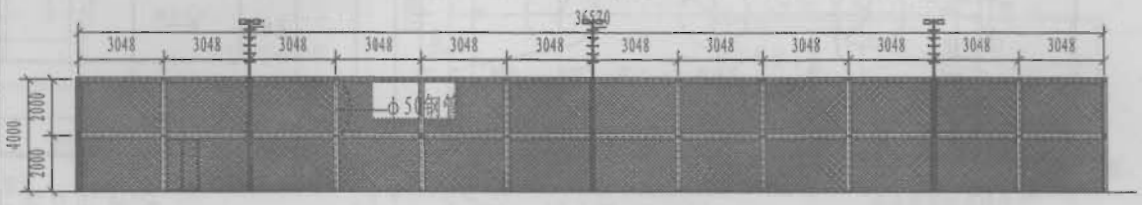
照明灯杆立面图



U型沟及围网钢柱剖面图



围网南、北立面图



围网东、西立面图

U型沟及围网钢柱剖面图 网球围网立面图	图集号	苏J08-2006
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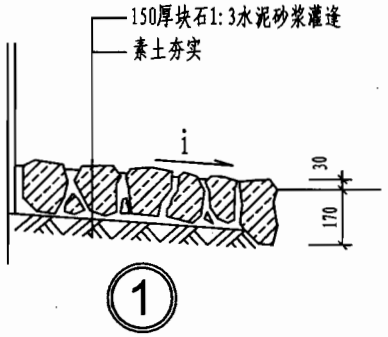
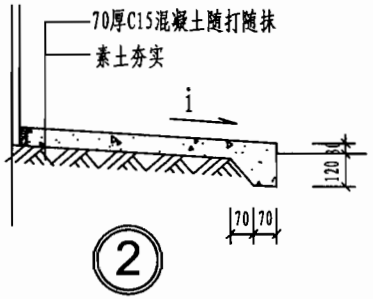
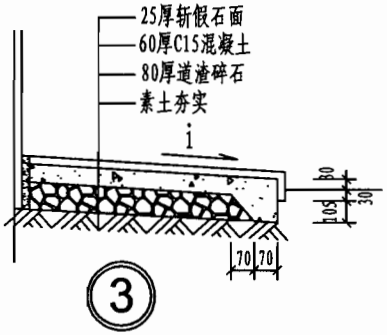


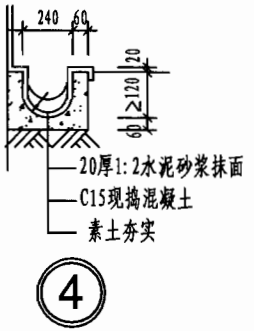
①



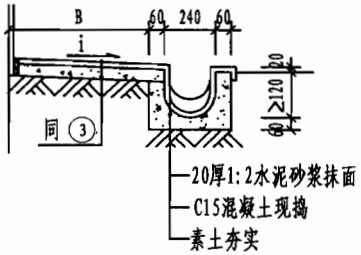
②



③



④



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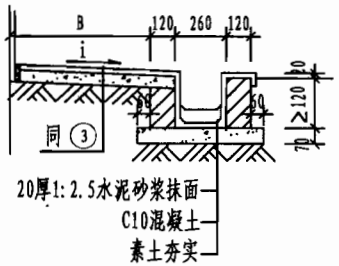
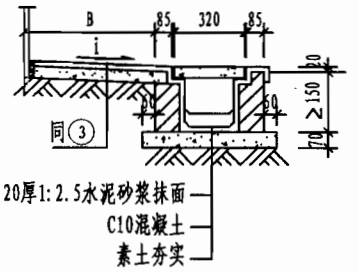
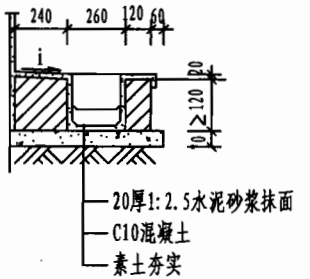


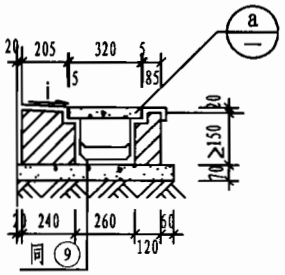
⑥



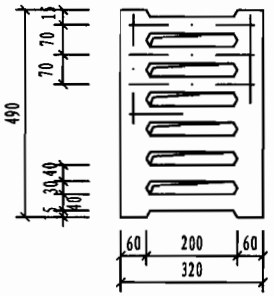
⑦



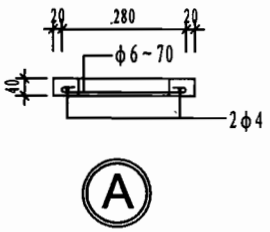
⑧



⑨



明沟盖板



Ⓐ

注:

1、散水宽度或至明沟边的宽度（B）宜大于500. 如上有挑檐，应大于檐深加200. B值由设计人标出. 混凝土散水和明沟应设伸缩缝，间距6-12M. 与勒脚墙间也应留通长缝，均宽20，填以粗砂或米石，灌30厚热沥青或填沥青砂. 散水应向外找坡（i=5%），明沟纵坡应大于1%.

2、砖砌明沟用M5水泥砂浆砌. 明沟盖板为C20细石混凝土预制，一次成活不再抹面.

3、明暗沟每隔30-40M设伸缩缝，缝宽30灌以沥青上盖粗砂. 沟内坡度为0.5%~1%.

散水　明沟	图集号	苏J08-2006
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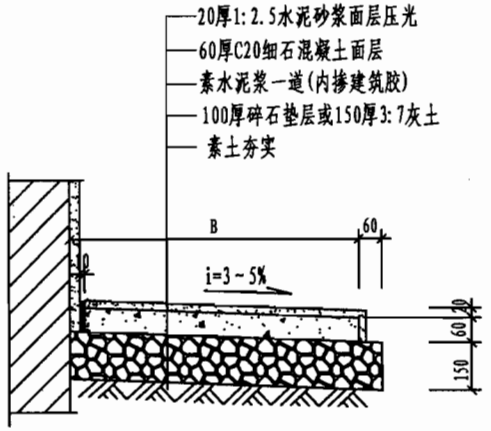
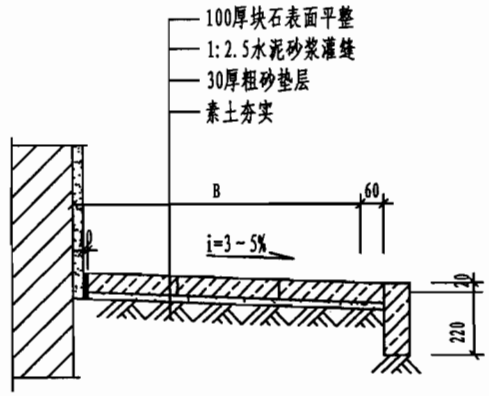
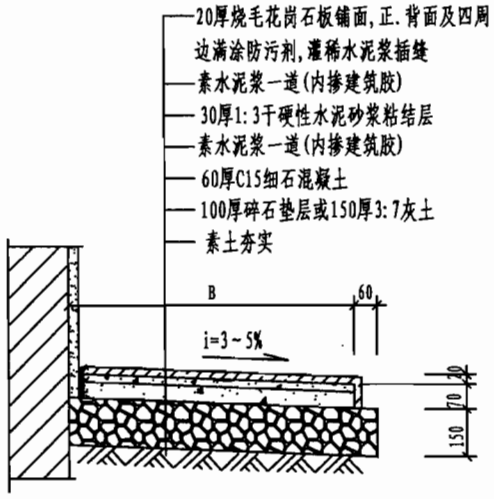


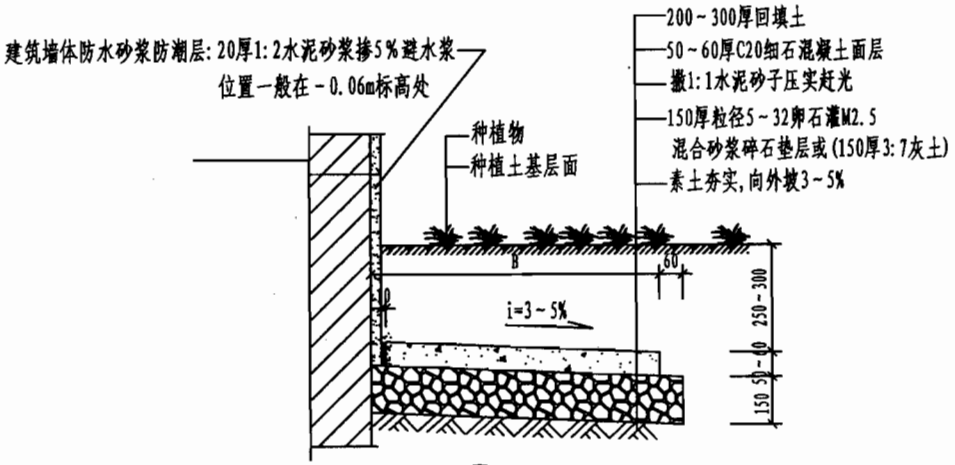
1



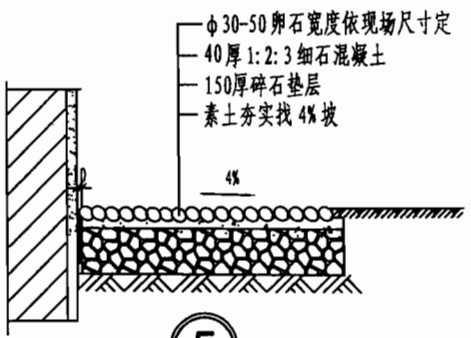
2



3



4



5

散 水	图集号	苏J08-2006
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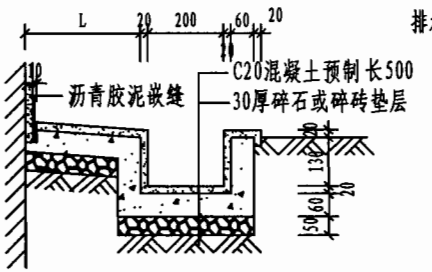
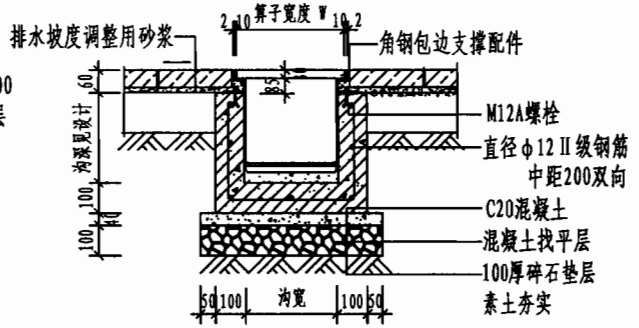
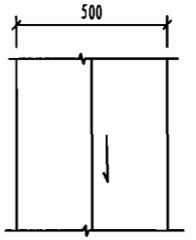


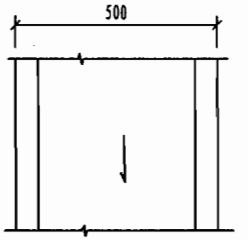
① 明沟断面



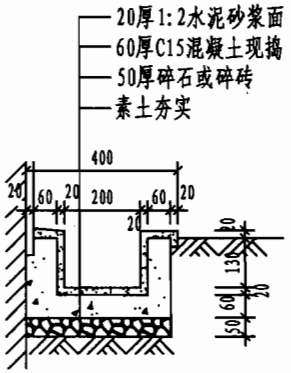
② 现场浇筑U字沟剖面详图



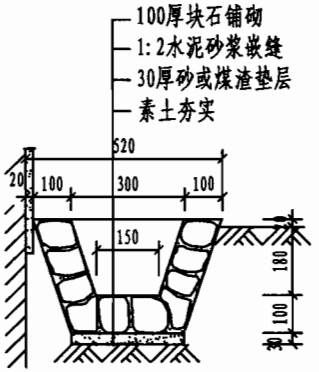
边沟平面图



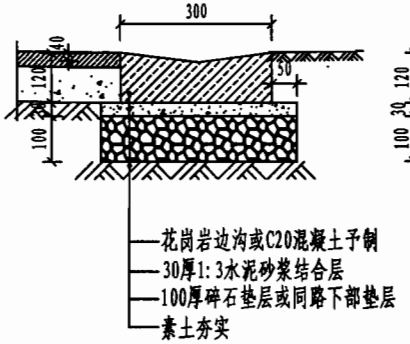
碟形边沟平面



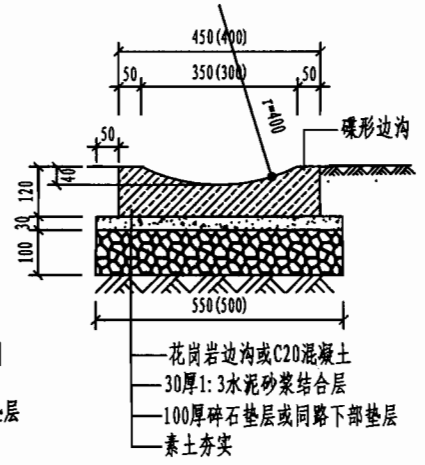
③ 明沟断面



④ 明沟断面



边沟剖面图



碟形边沟剖面

明沟　边沟	图集号	苏J08-2006
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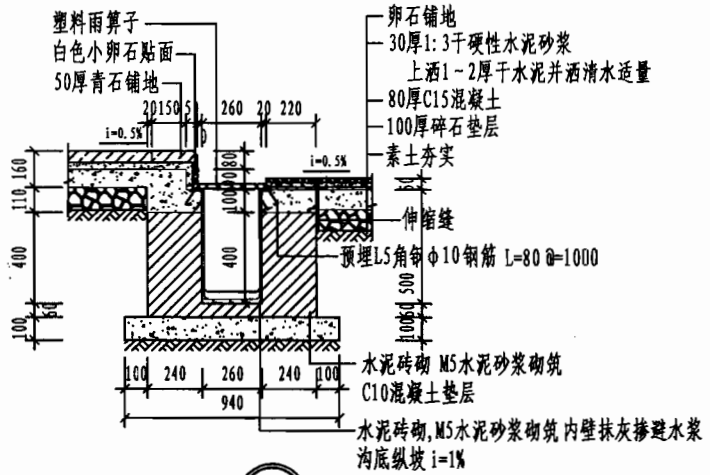
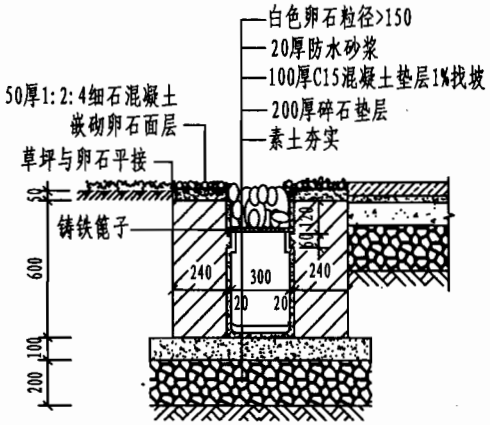
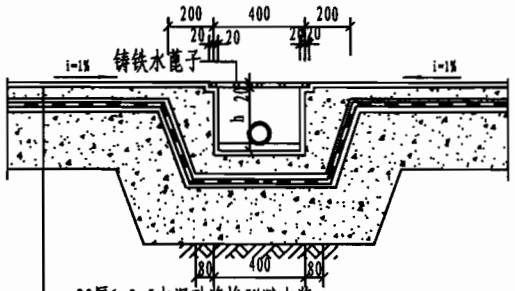


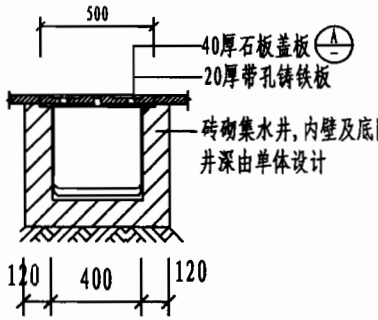
① 排水沟剖面图



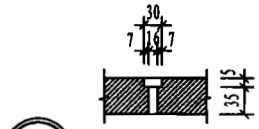
②



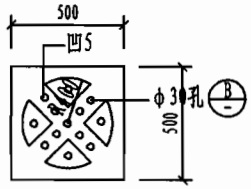
③ 排水沟剖面图



④ 排水沟剖面图



Ⓑ 盖板孔眼图



Ⓐ 排水沟盖板图

井壁及底板混凝土为C20, Ⅱ级钢筋12@200, 混凝土保护层35, M5水泥砂浆砌筑
MU10水泥砖砌, M7.5水泥砂浆, 1:2防水水泥砂浆抹面, 厚20

排水沟	图集号	苏J08-2006
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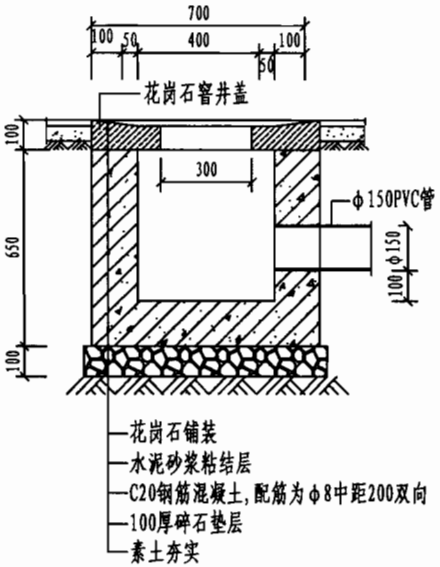
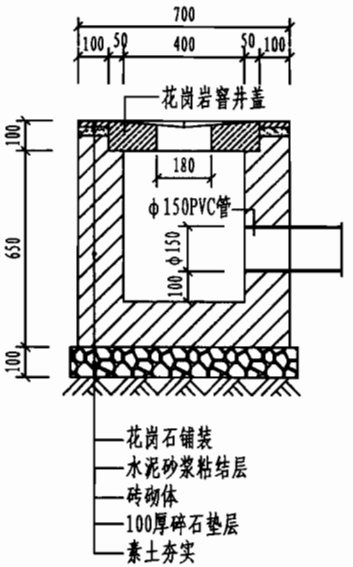
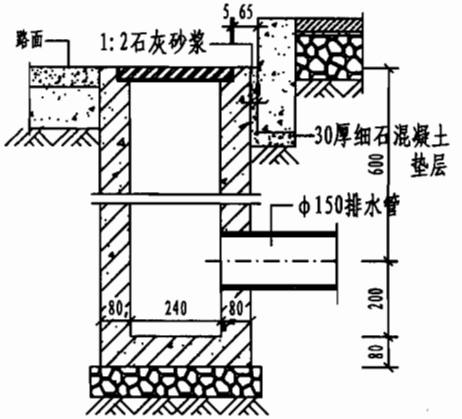


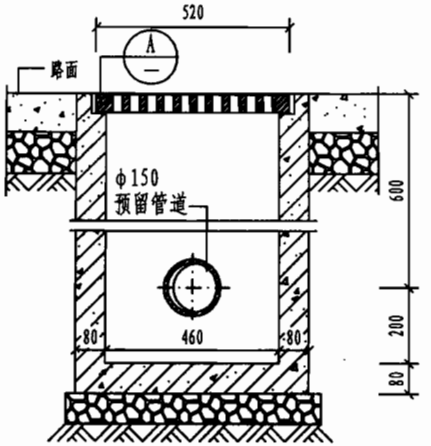
A窨井剖面图



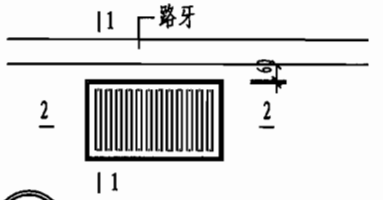
B窨井剖面图



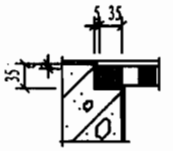
1-1



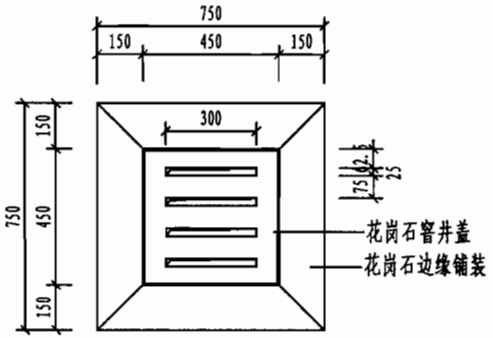
2-2



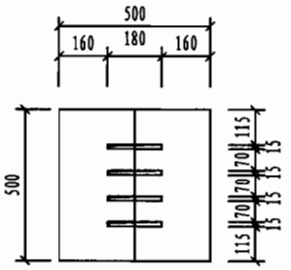
3 排水口平面



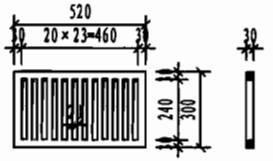
A



1 A窨井平面图



2 B窨井平面图



铸铁篦子

说明:

1. 路面排水口间距小于50米
2. 排水井采用C20细石混凝土预制或砖砌内配φ8钢筋双向中距200
3. 排水管定位后与水井缝隙用1:1水泥砂浆勾缝

窨井 排水井	图集号	苏J08-2006
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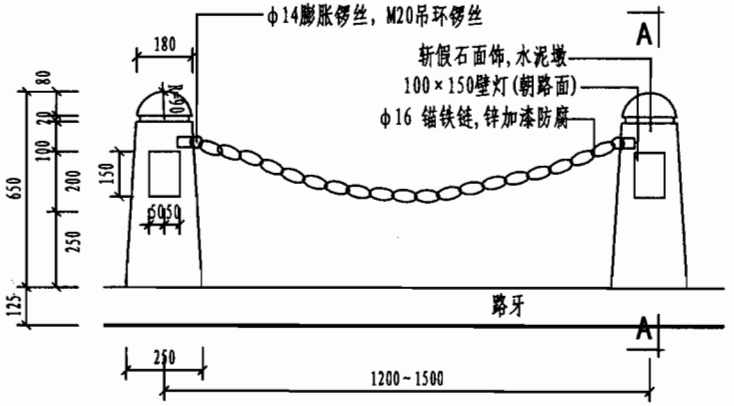
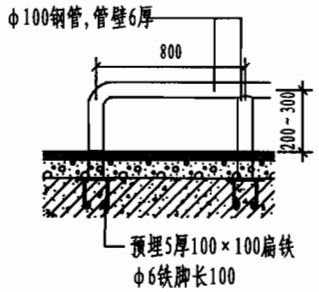
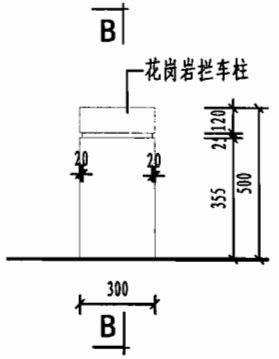


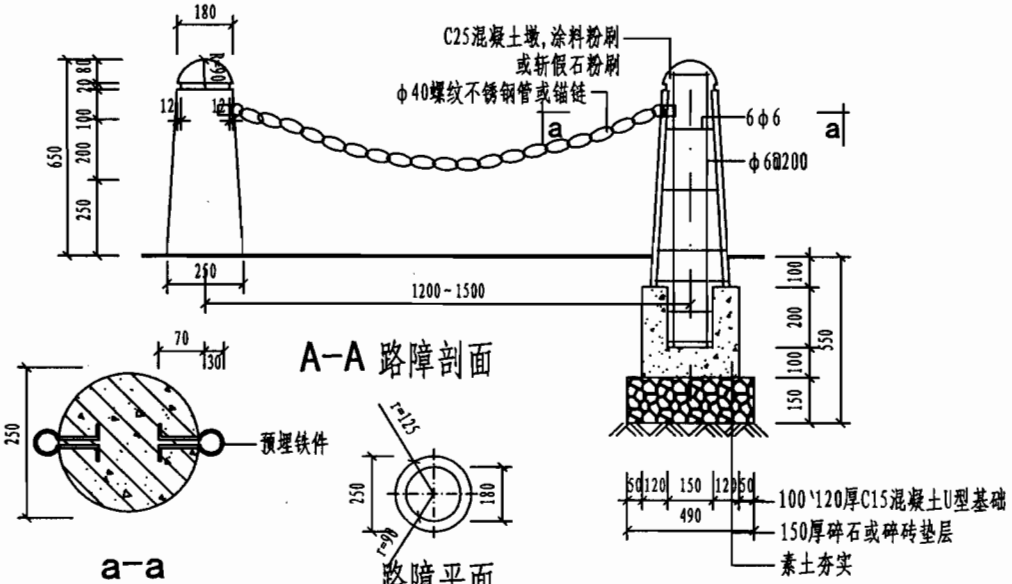
① 路障立面



② 车挡详图



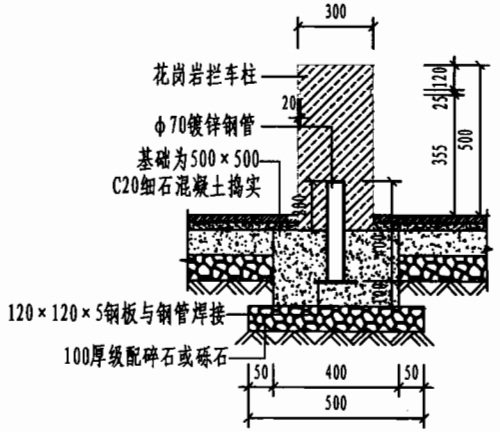
③ 路障立面



A-A 路障剖面

a-a

路障平面



B-B路障剖面

路障 车挡	图集号	苏J08-2006
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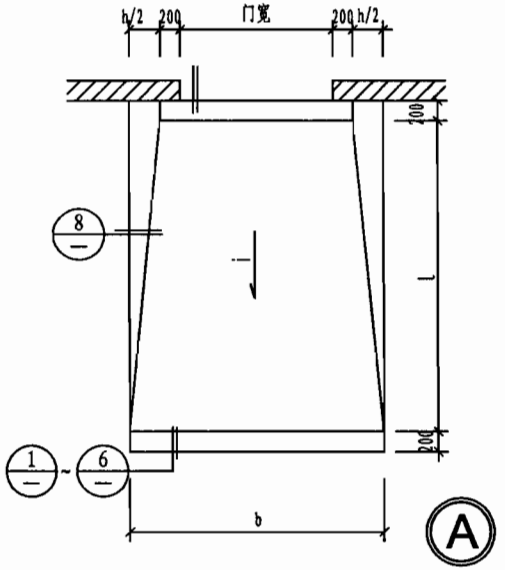
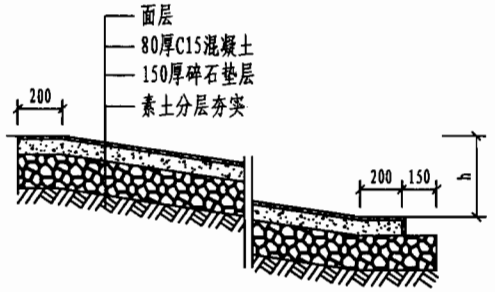
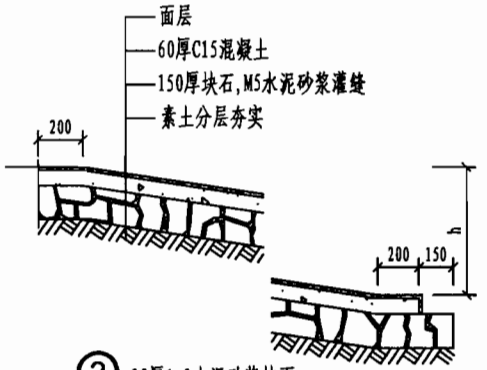




① 20厚1:2水泥砂浆抹面

③ 25厚斩假石面

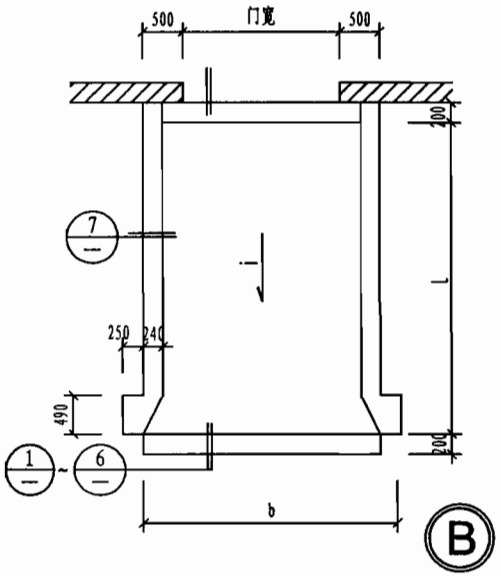
⑤ 25厚1:2水泥砂浆做礓磋

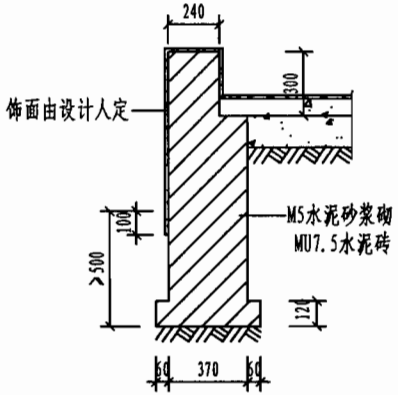


② 20厚1:2水泥砂浆抹面

④ 25厚斩假石面

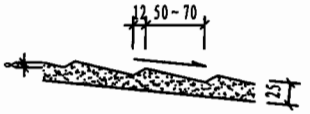
⑥ 25厚1:2水泥砂浆做礓磋





⑦

⑧



礓磋剖面大样

注:

坡道长宽高(L×b×h)应由单体设计的底层平面及室内外高差示出. L=h/i; b=门宽+h+400(A)或门宽+1000(B). 坡度i: 光滑表面应不大于1/12,粗糙表面应不大于1/6,礓磋面应不大于1/4. 残疾人轮椅: h/L/i应不大于350/2800/(1/8),600/6000/(1/10),750/9000/(1/12).(表面不限).

入口坡道	图集号	苏J08-2006
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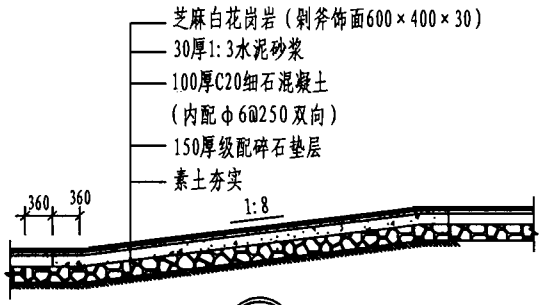
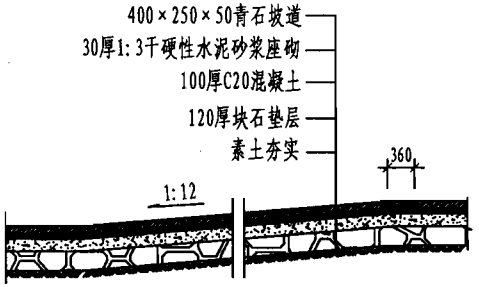
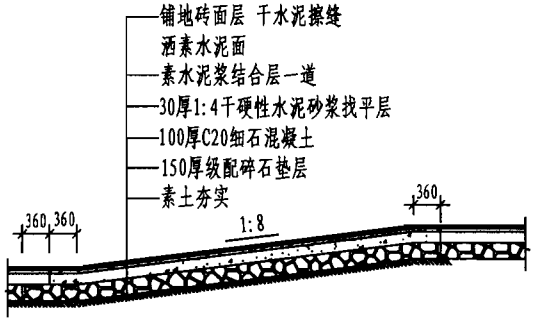


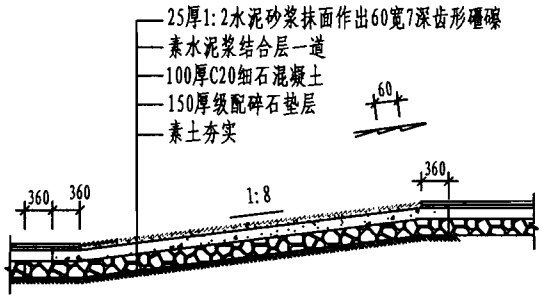
①



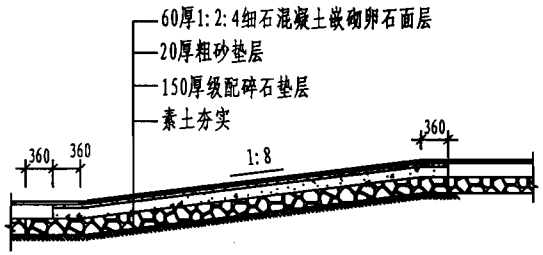
②



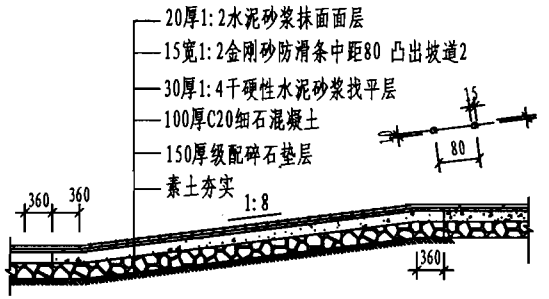
③



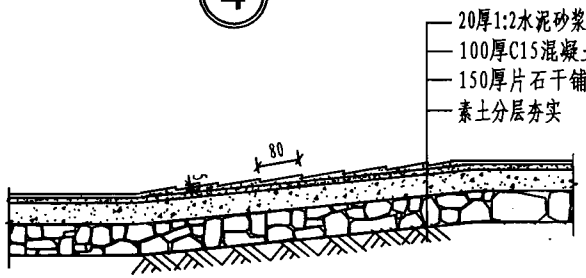
④



⑤

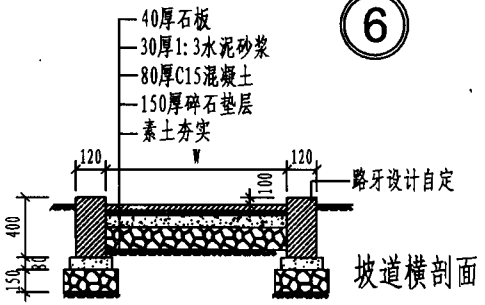


⑥



⑦ 礓磋剖面大样

注：
坡道坡度宜在10%～17%之间，室内外高差坡度>15%宜用礓磋路面.



坡道横剖面

坡道做法

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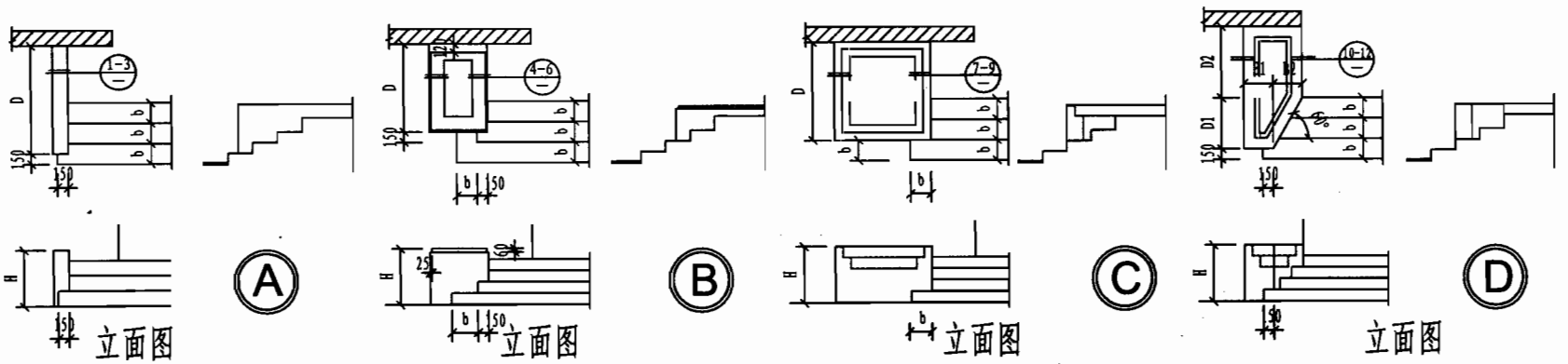

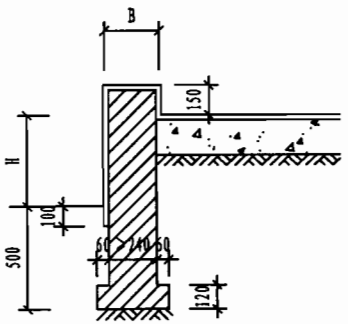

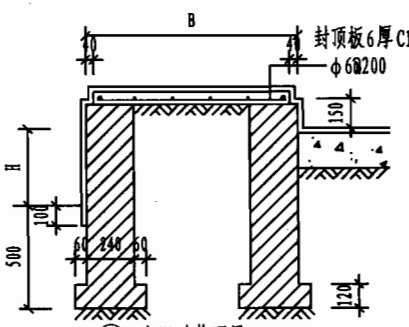

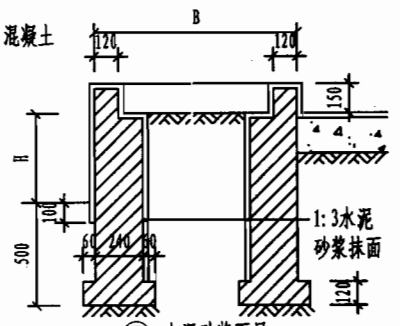

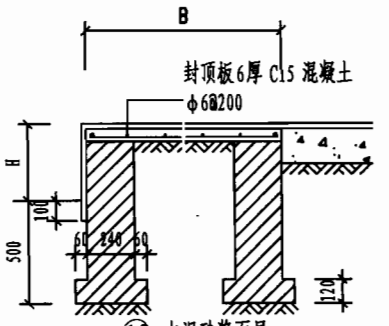

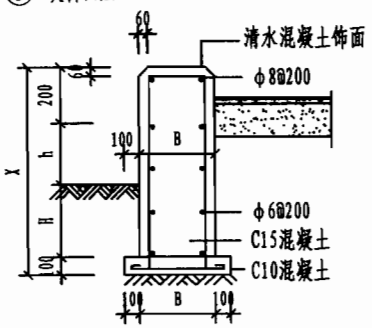

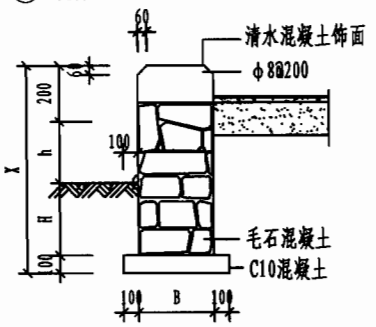

注：挡墙尺寸（B、D、H）由单体设定。块料面层有缸砖、面砖、地砖、马赛克、小块大理石、花岗石板（≯300×300）等，由设计人定。索引符号如 (A-2/37)。砖砌体M5水泥砂浆砌。封顶板为50厚钢筋混凝土预制或现浇，内配 ϕ6@≤200 双向钢筋网。

踏步挡墙

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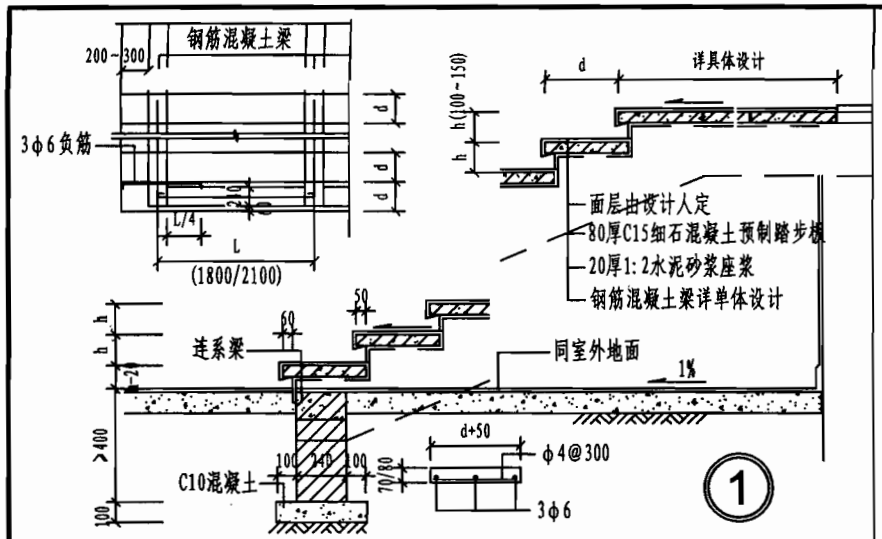

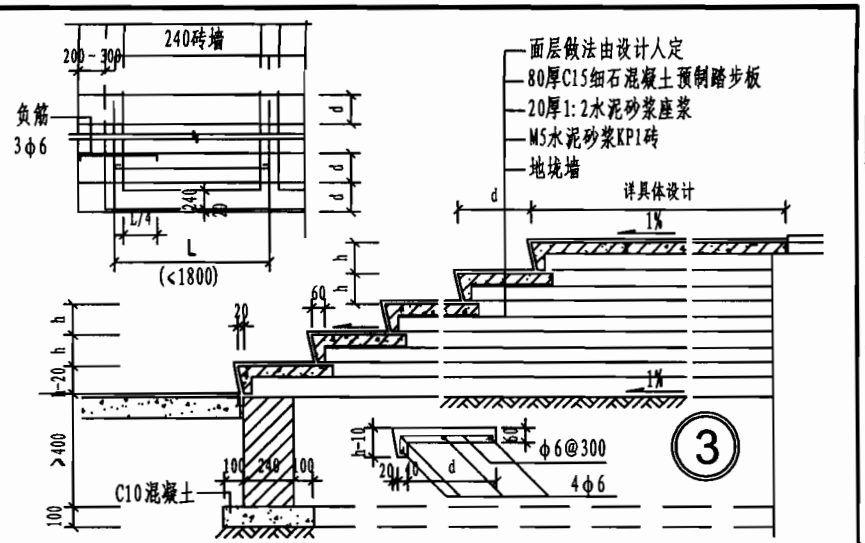

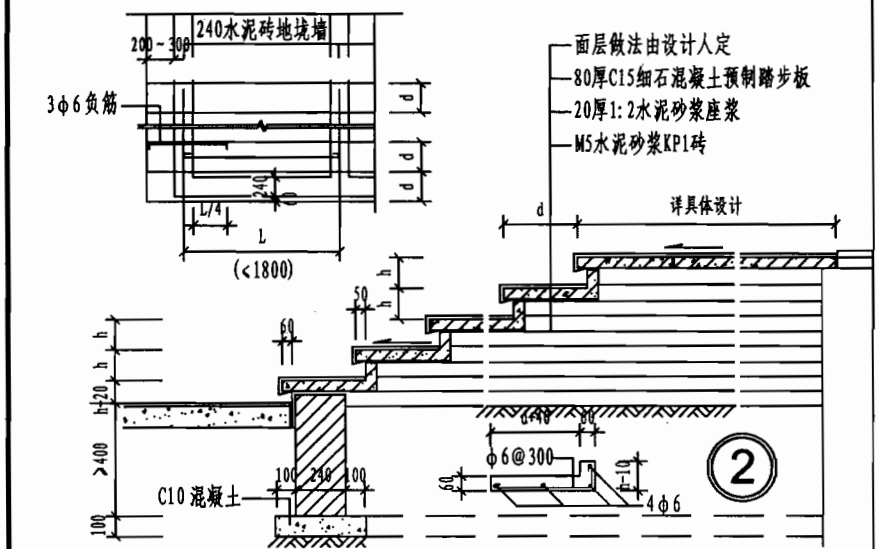

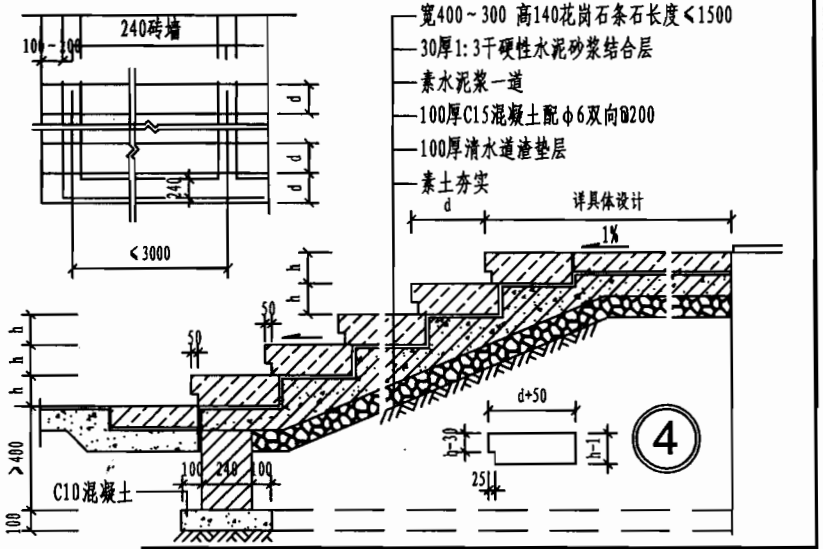

注：预制踏步板均为C20细石混凝土预制。长度按L-20。边跨挑出部应加负筋如图示。台阶步数、平台尺寸应由建筑平面图示出。并标明面层做法。宽×高(d×h)=(300-400)×(100-150)室外台阶步宽宜为350左右，按高宽比不大于1:2.5定。地坑墙材料、宽度由设计人员定。

台 阶

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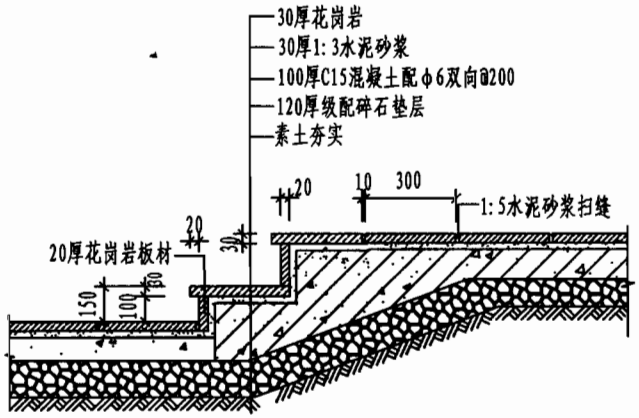
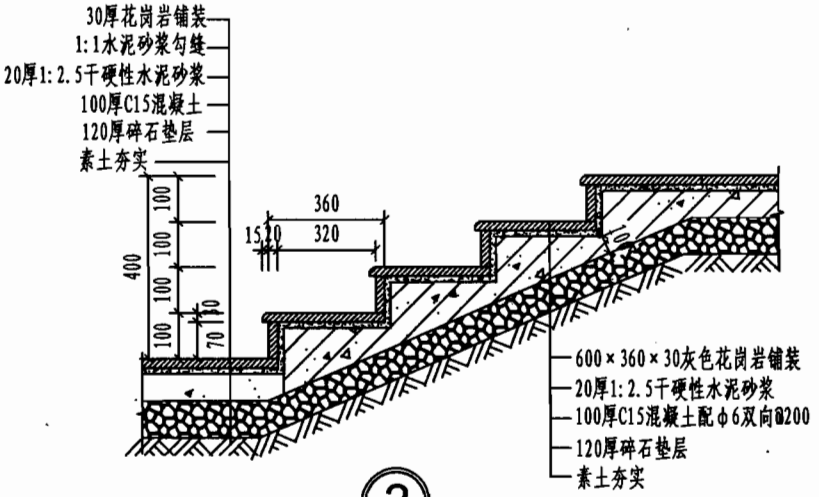
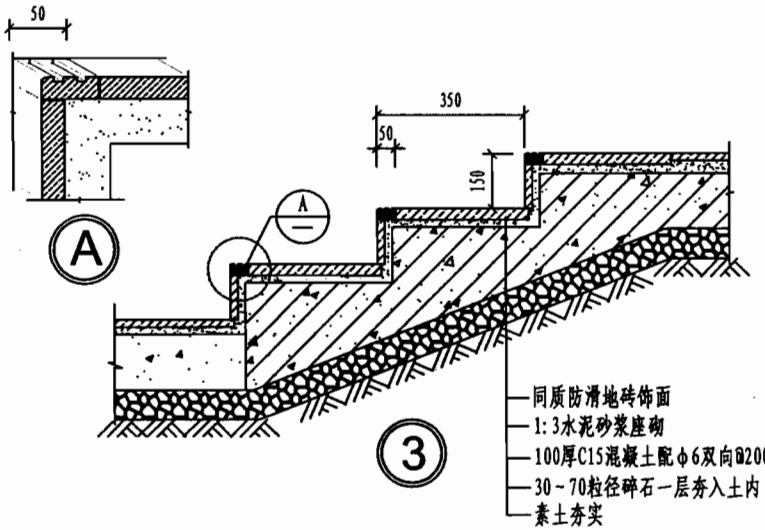


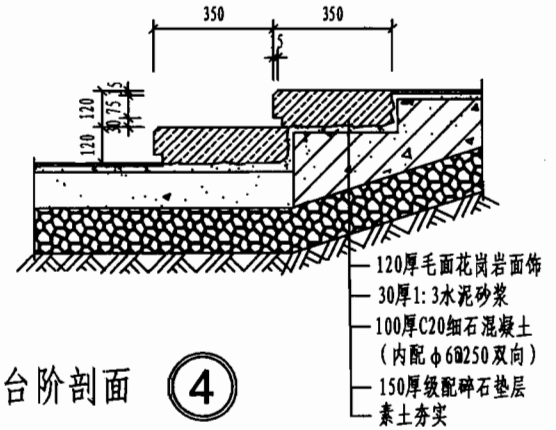
① 台阶



②



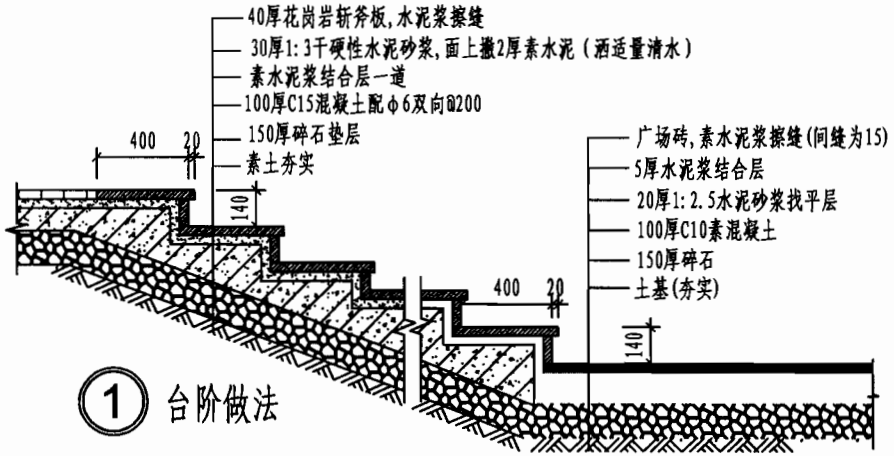
③



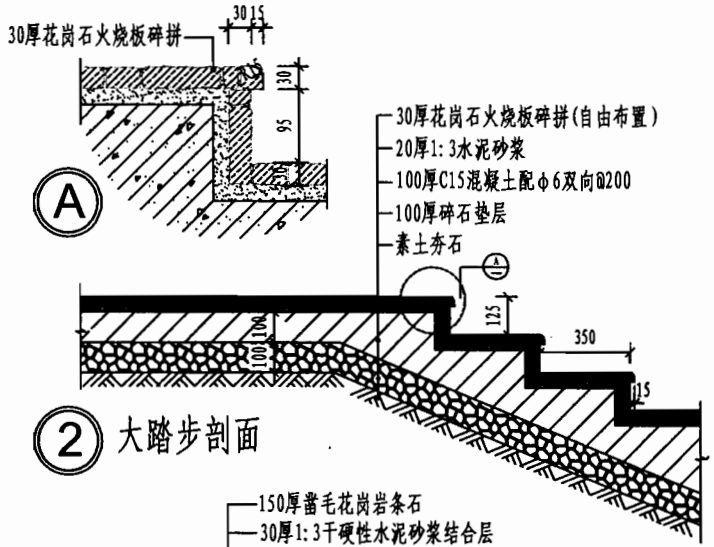
台阶剖面 ④

注：1. 花岗岩板材的规格、品种、颜色由设计人确定。

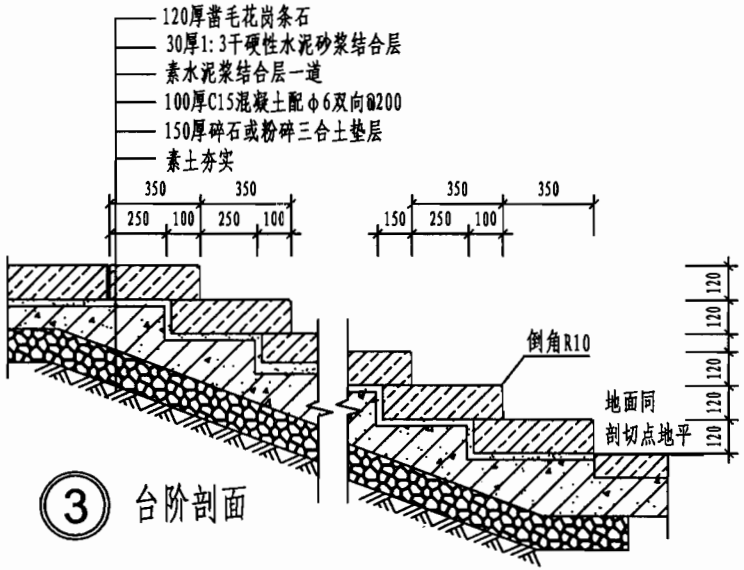
台 阶 （一）	图集号	苏J08-2006
	页 次	39



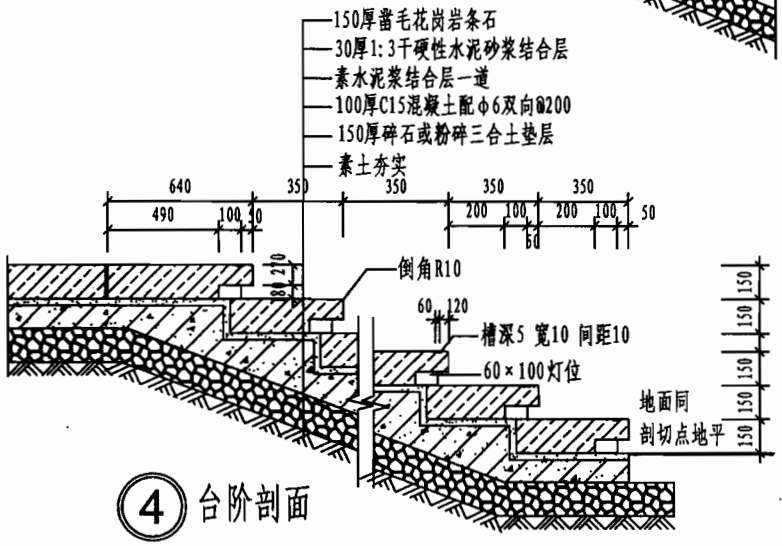
① 台阶做法



② 大踏步剖面

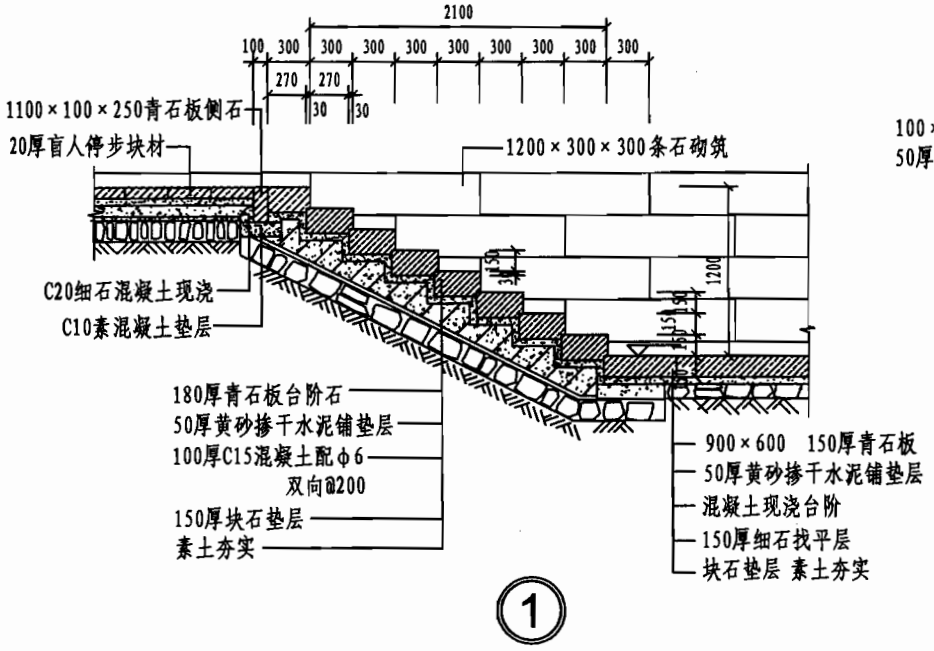


③ 台阶剖面

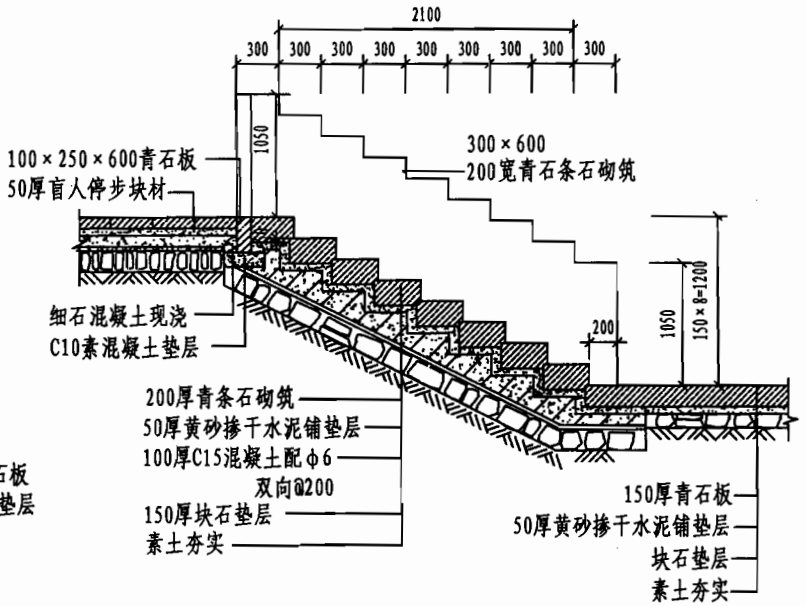


④ 台阶剖面

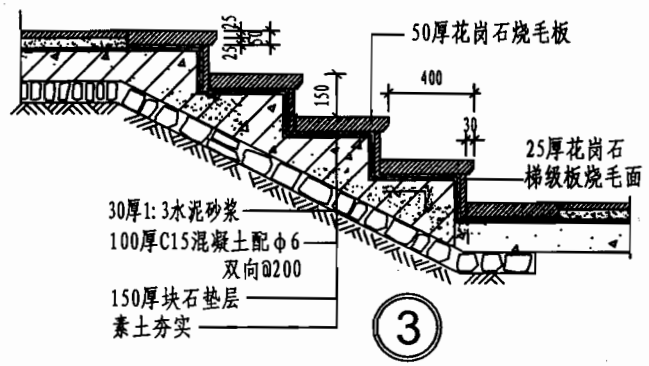
台阶(二)	图集号	苏J08-2006
	页次	40



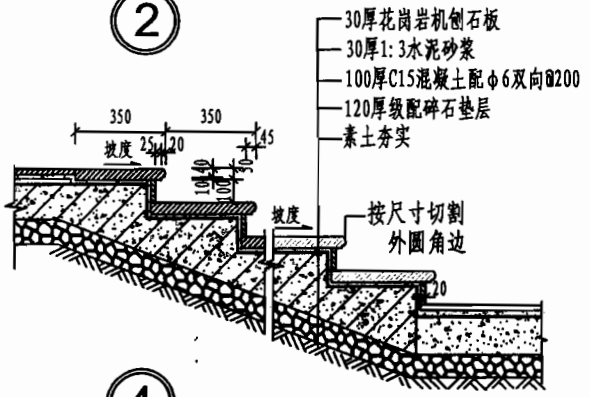
1



2



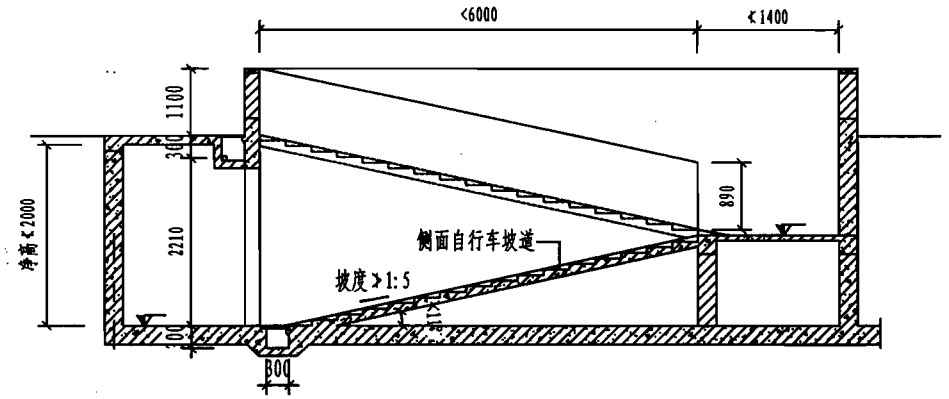
3



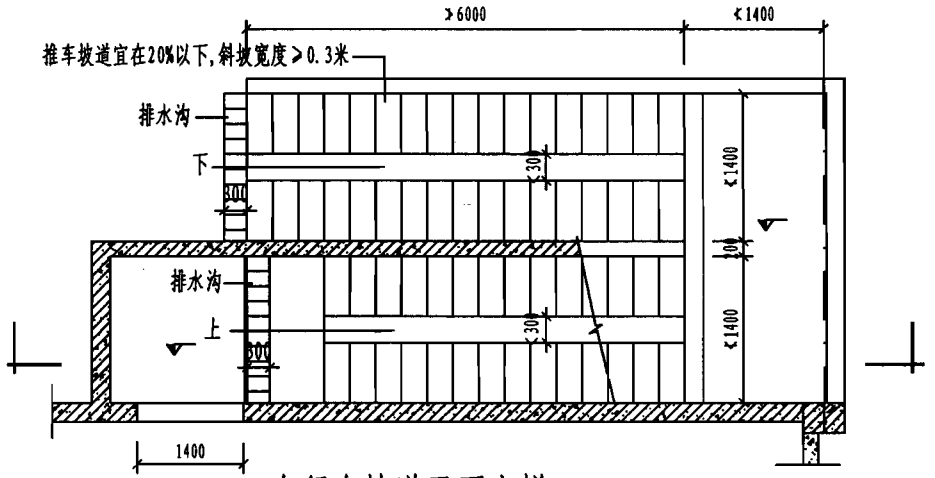
4

台 阶 (三)

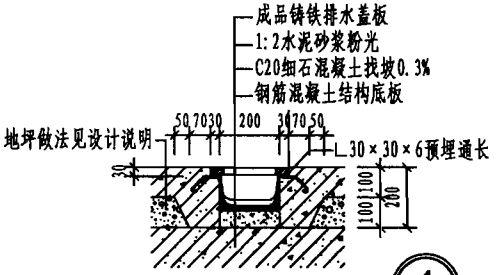
图集号	苏J08-2006
页 次	41



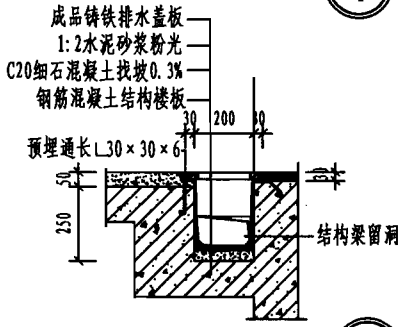
自行车坡道剖面大样　面层由设计人员自定
排水沟见本页



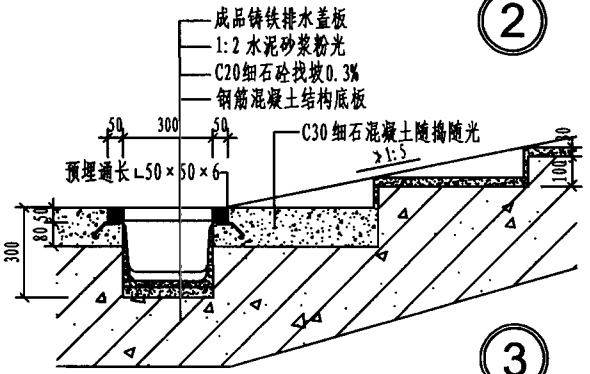
自行车坡道平面大样
(中间踏步两边坡道平面)



1

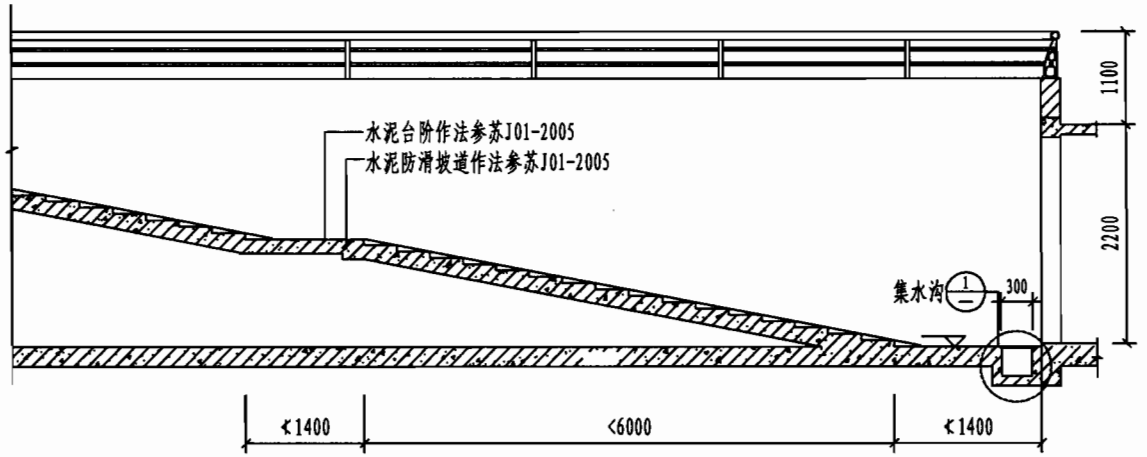


2

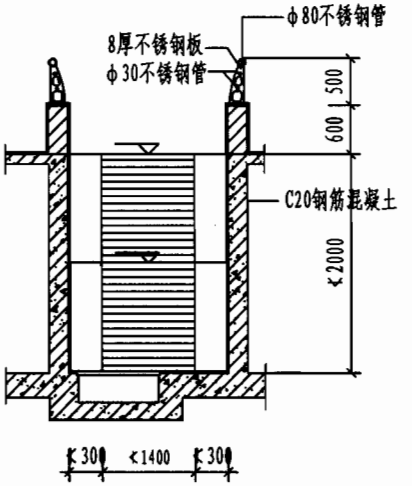


3

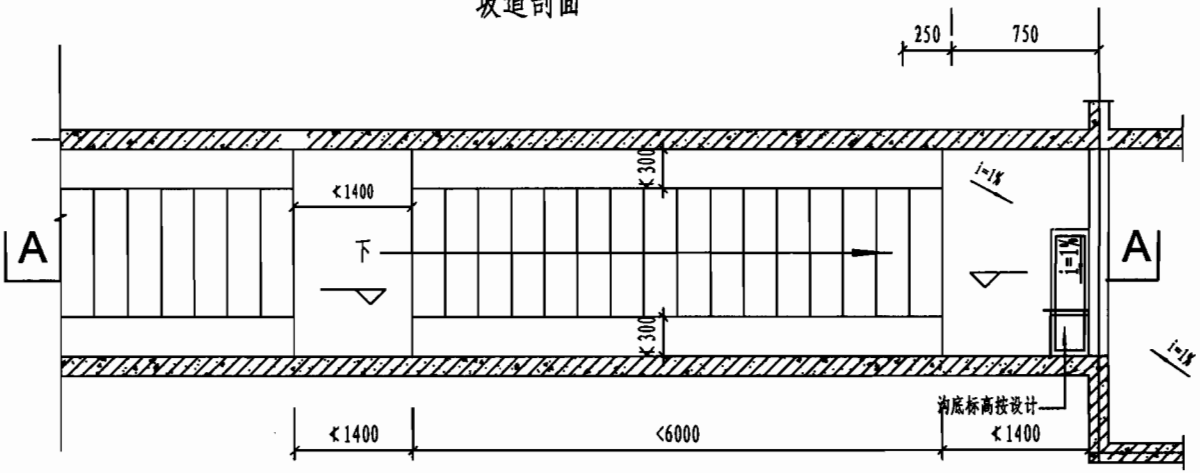
自行车坡道及踏步(一)	图集号	苏J08-2006
	页　次	42



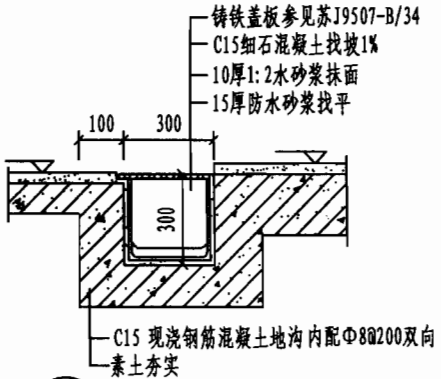
坡道剖面



坡道立面

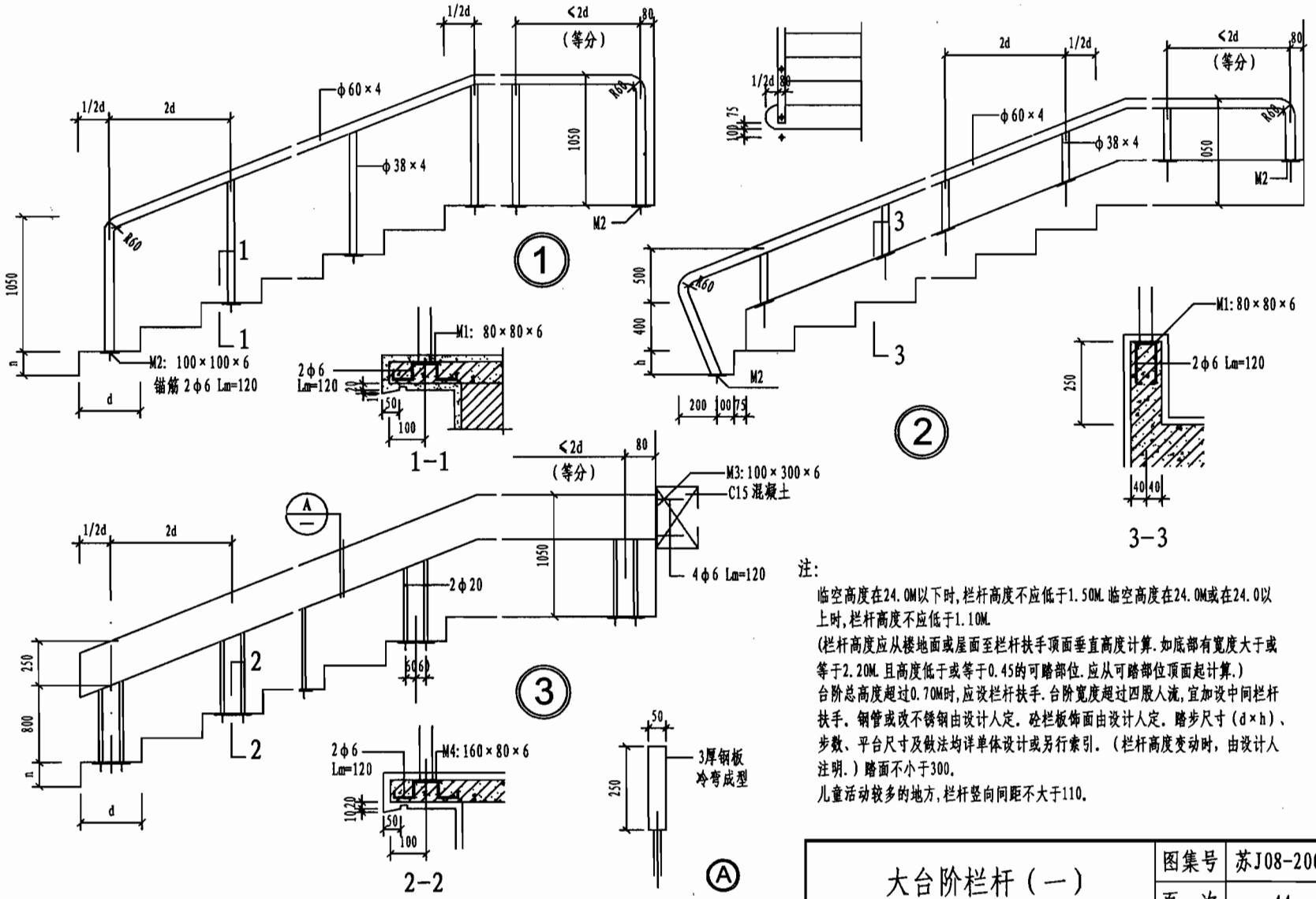


坡道平面 (中间踏步两边坡道平面)



① 集水沟剖面

自行车坡道及踏步(二)	图集号	苏J08-2006
	页 次	43



注：

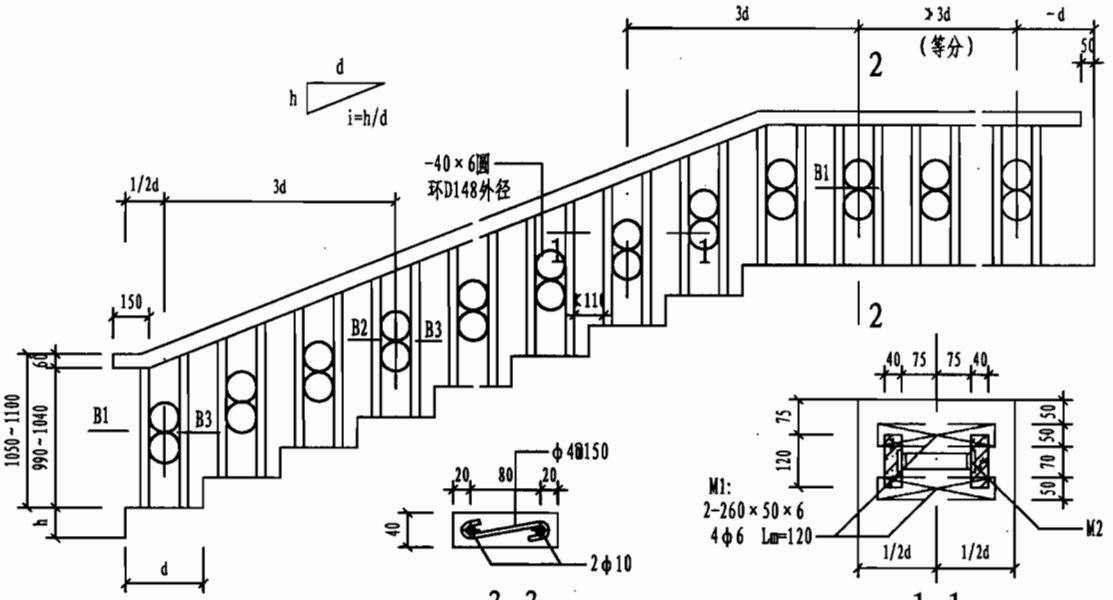
临空高度在24.0M以下时，栏杆高度不应低于1.50M.临空高度在24.0M或在24.0以上时，栏杆高度不应低于1.10M.

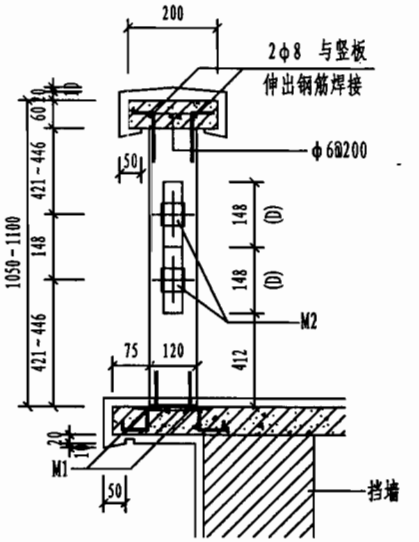
(栏杆高度应从楼地面或屋面至栏杆扶手顶面垂直高度计算.如底部有宽度大于或等于2.20M.且高度低于或等于0.45的可踏部位.应从可踏部位顶面起计算.)

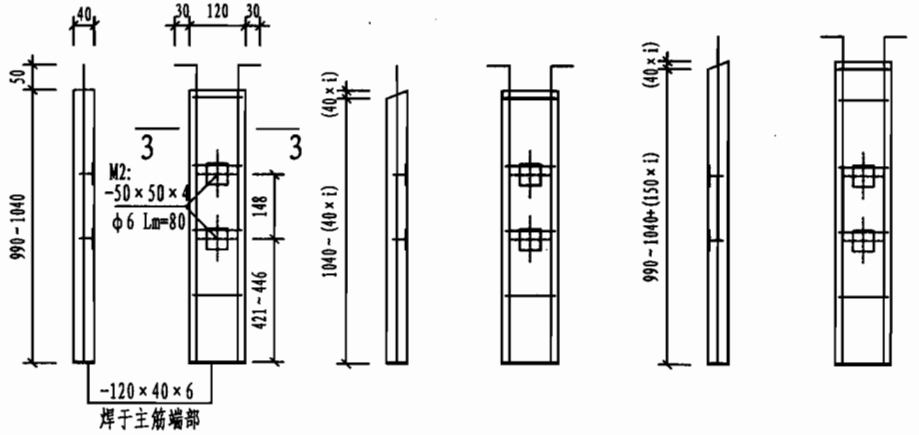
台阶总高度超过0.70M时，应设栏杆扶手.台阶宽度超过四股人流，宜加设中间栏杆扶手.钢管或改不锈钢由设计人定.砼栏板饰面由设计人定.踏步尺寸（d×h）、步数、平台尺寸及做法均详单体设计或另行索引.（栏杆高度变动时，由设计人注明.）踏面不小于300.

儿童活动较多的地方，栏杆竖向间距不大于110.

大台阶栏杆（一）	图集号	苏J08-2006
	页　次	44



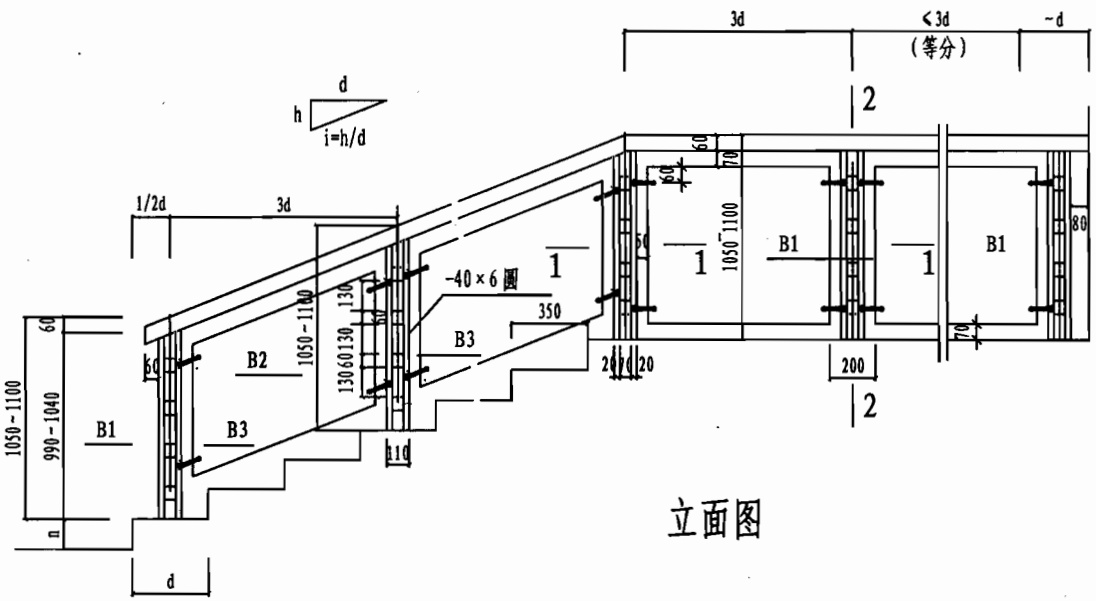




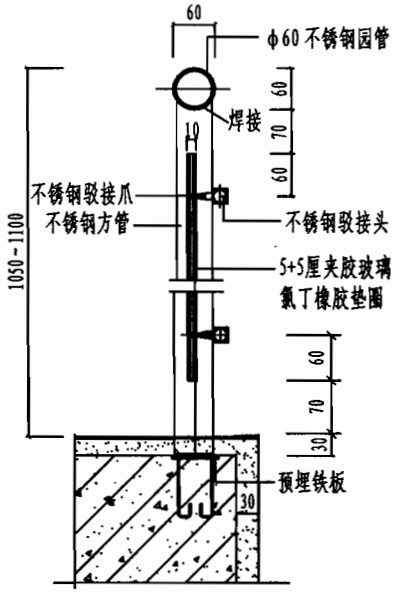
注:

栏杆竖板B1~B3为C20细石混凝土预制.要求一次成活.饰面刷外墙涂料两道,颜色由设计人定,否则为白色.压顶扶手为C20细石混凝土现制,饰面如无规定为白色斩假石,分格缝@同竖板中距.踏步尺寸、步数、平台尺寸及做法均详单体设计或另加索引.(栏杆高度变动时,由设计人注明.)

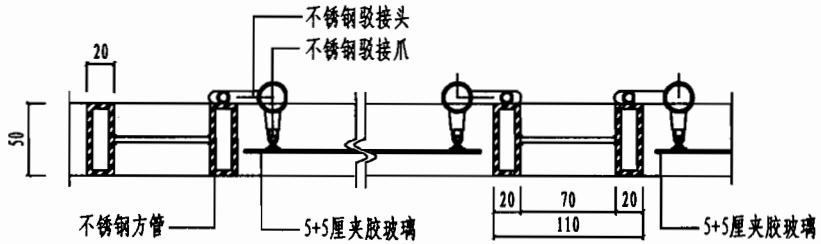
大台阶栏杆(二)	图集号	苏J08-2006
	页 次	45



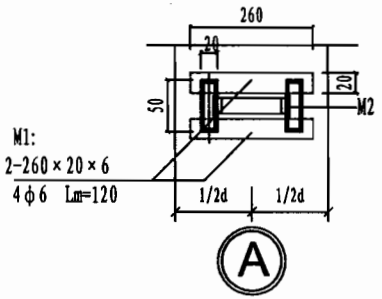
立面图



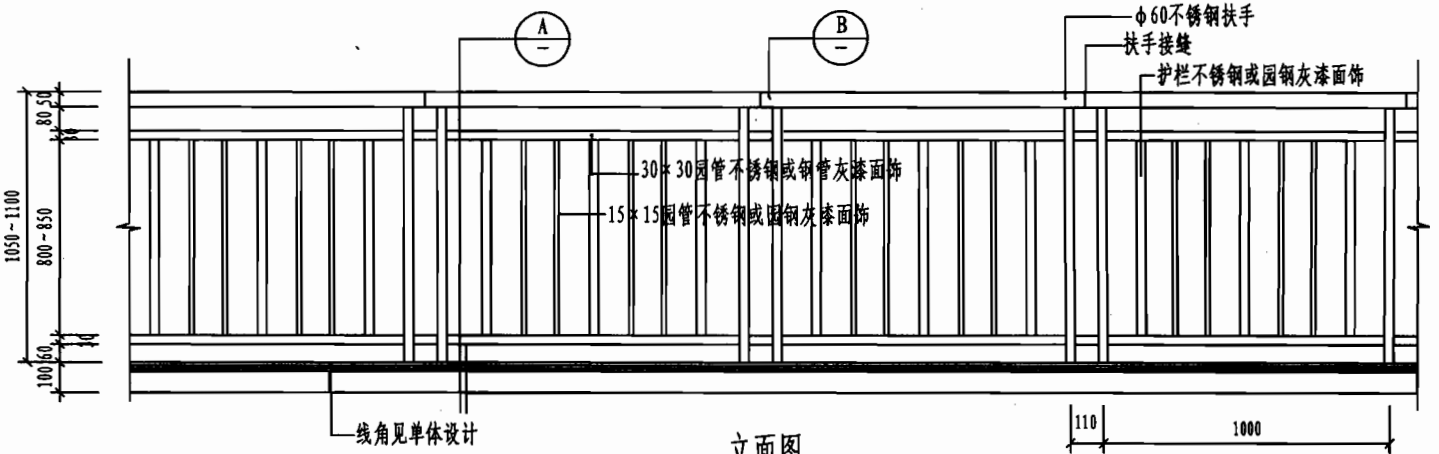
2-2



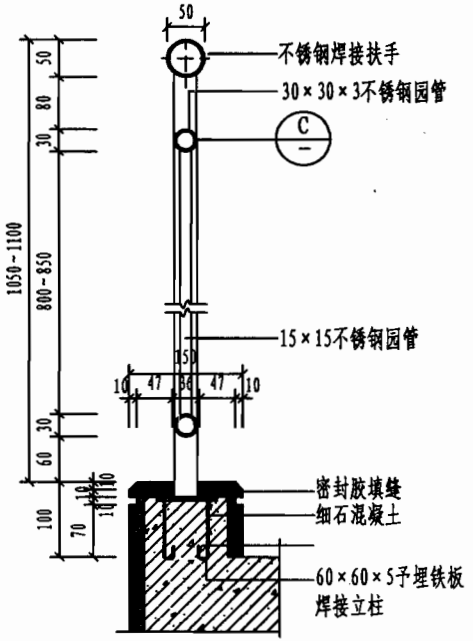
1-1



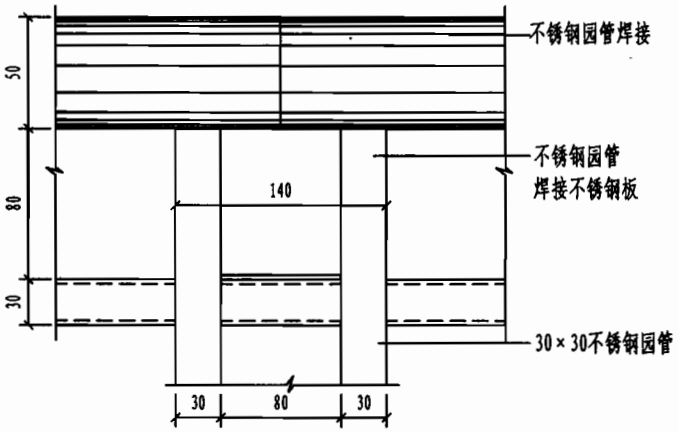
大台阶栏杆（三）	图集号	苏J08-2006
	页 次	46



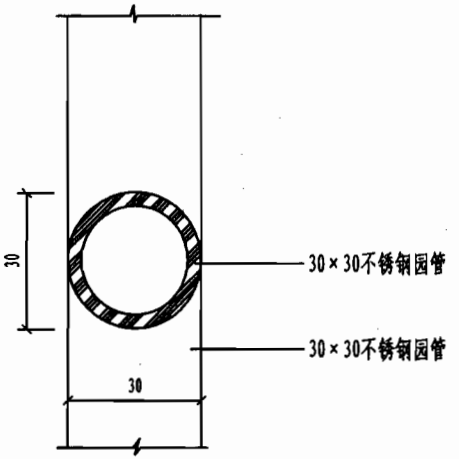
立面图



A 剖面图



B

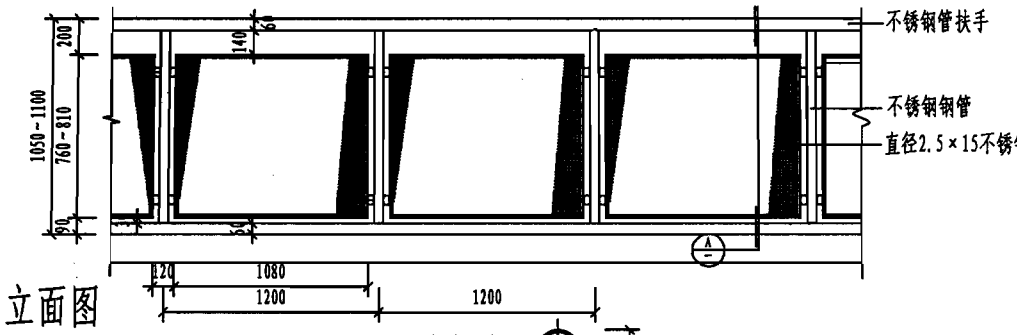


C

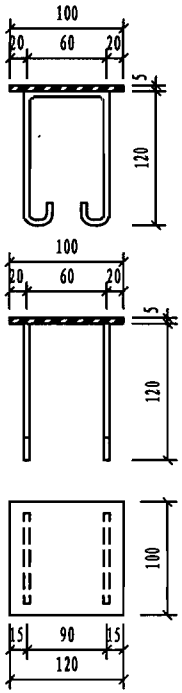
注:
1. 预埋件扁钢均为5厚，锚筋均为φ6 长度120
2. 锚筋与扁钢为连续贴角焊缝，焊缝高度5mm

室外平台栏杆（一）

图集号	苏J08-2006
页 次	47

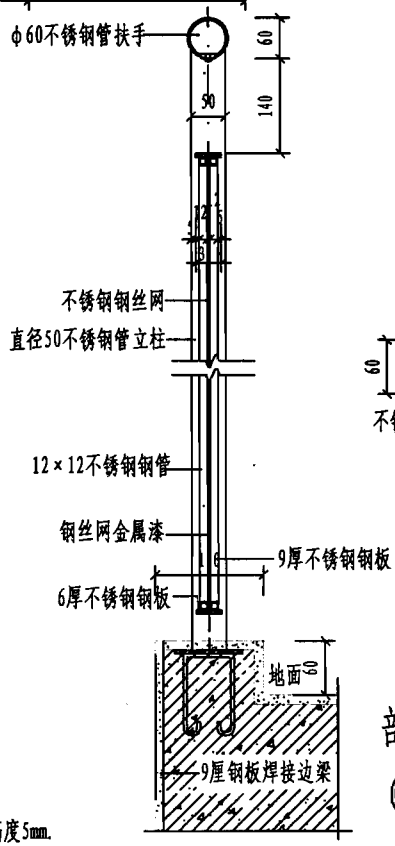


立面图

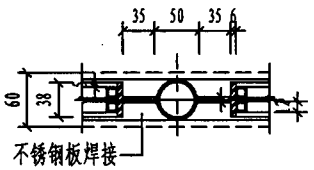


C 预埋铁板大样

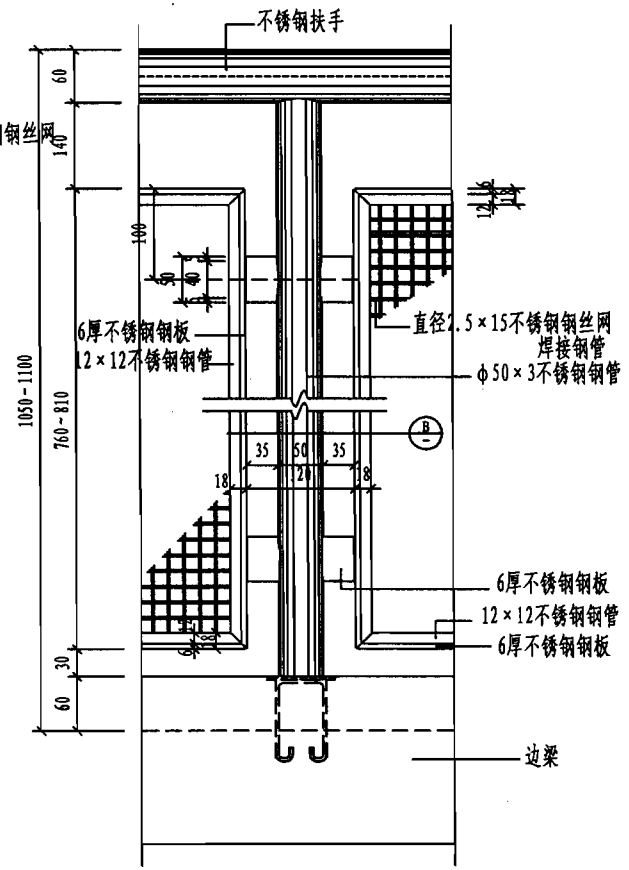
注：1.预埋件扁钢均为5厚，锚筋均为φ6
2.锚筋与扁钢为连续贴角焊缝，焊缝高度5mm.



剖面图 A



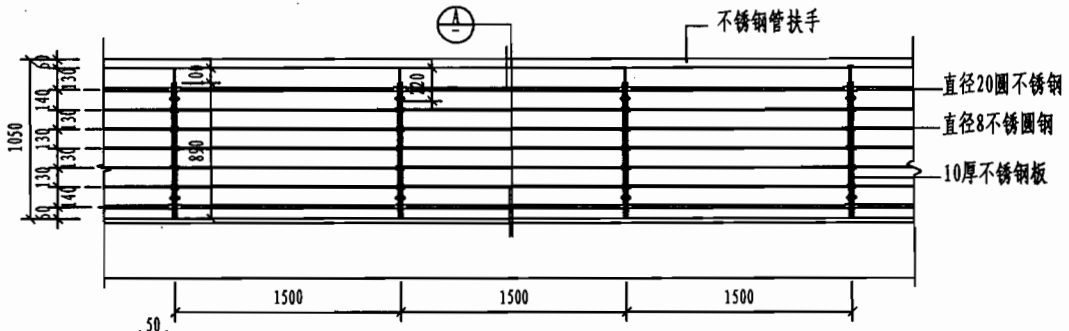
B



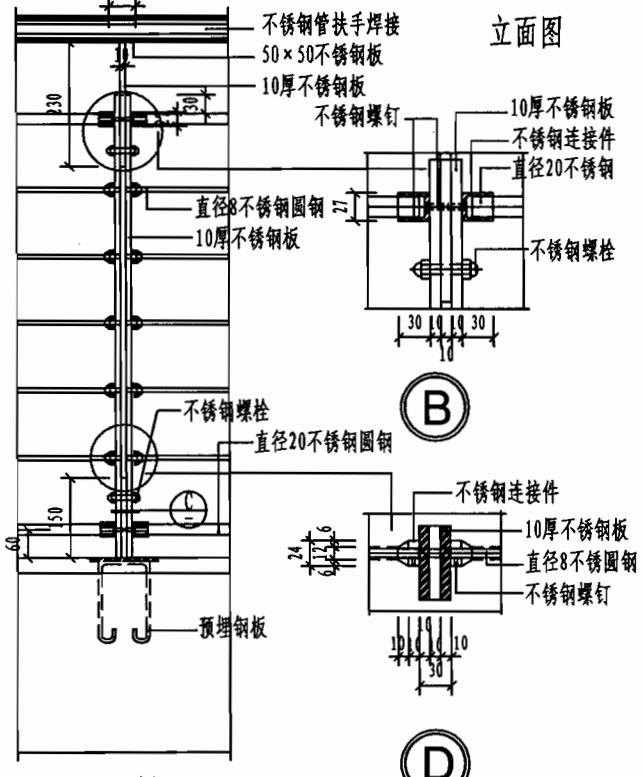
局部立面大样图

注：
1. 预埋件扁钢均为5厚，锚筋均为φ6 长度120
2. 锚筋与扁钢为连续贴角焊缝，焊缝高度 5mm

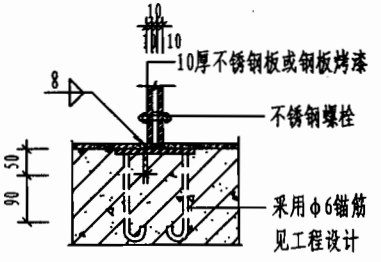
室外平台栏杆（二）	图集号	苏J08-2006
	页 次	48

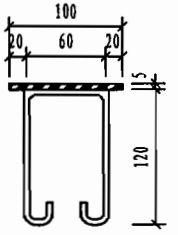


立面图

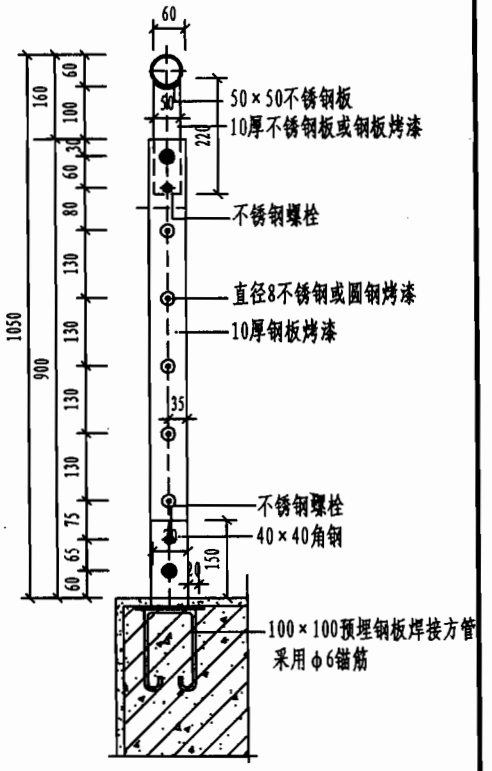


立面大样图





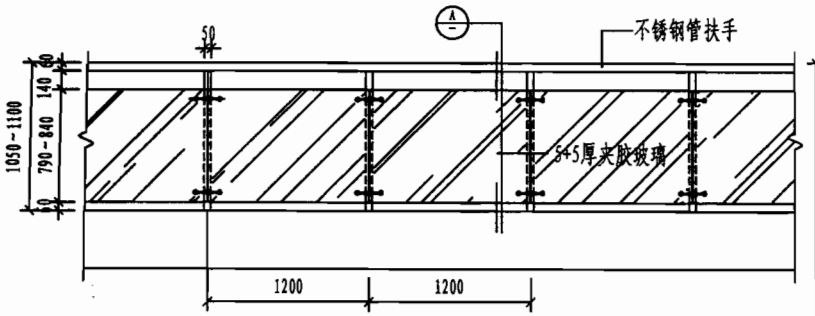
预埋铁板大样



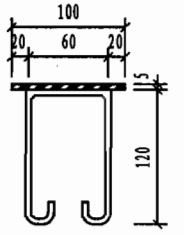
剖面图

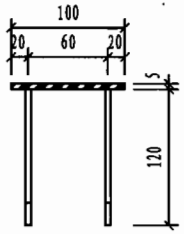
注：
1. 有儿童活动处不宜用此种栏杆形式.
2. 预埋件扁钢均为5厚，锚筋均为φ6
3. 锚筋与扁钢为连续贴角焊缝，焊缝高度5mm.

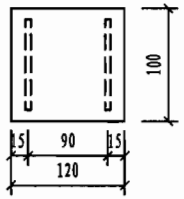
室外平台栏杆（三）	图集号	苏J08-2006
	页　次	49



立面图

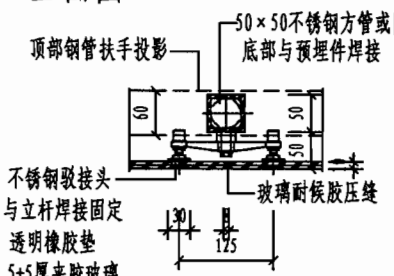


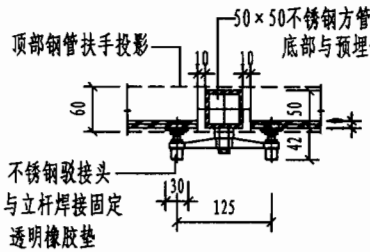


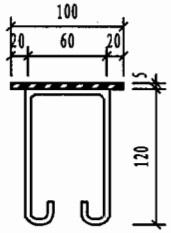


预埋铁板大样

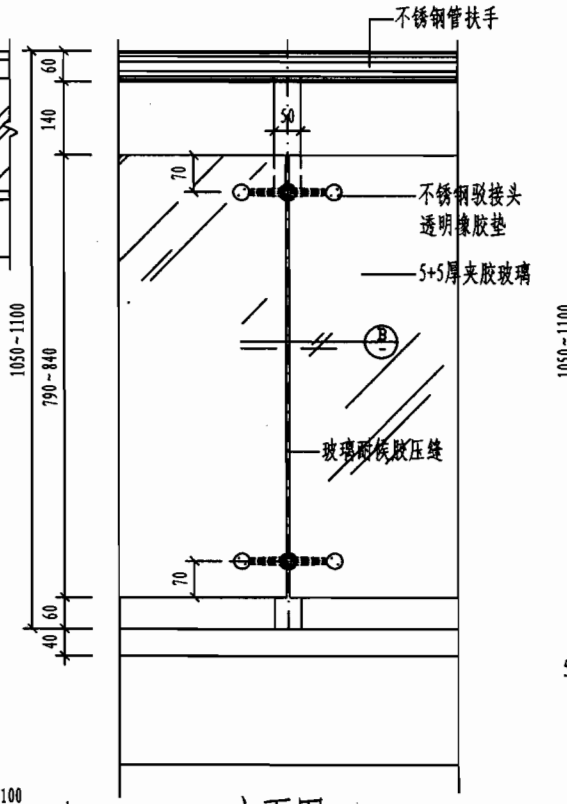
注：1.预埋件扁钢均为5厚，锚筋均为φ6
2.锚筋与扁钢为连续贴角焊缝，焊缝高度5mm.



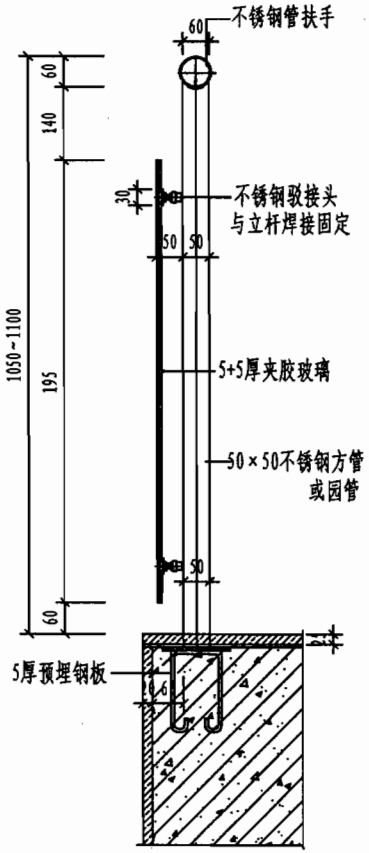




预埋铁板大样



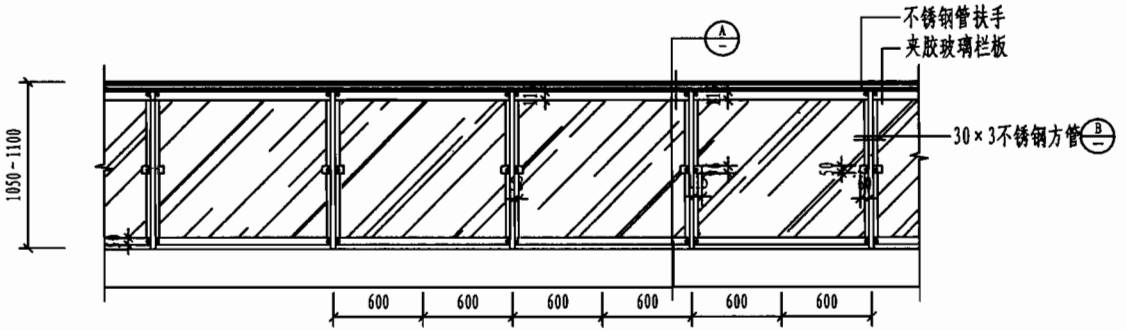
立面图



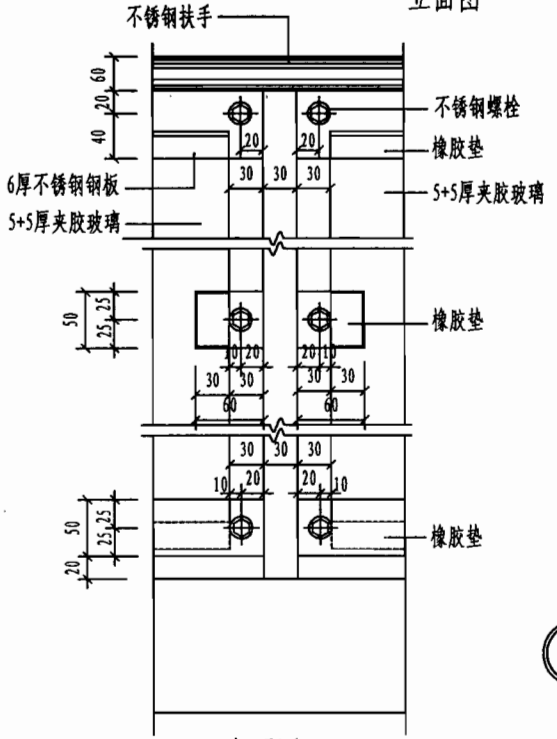
A 剖面图

注：
1. 有儿童活动处不宜用此种栏杆形式.
2. 预埋件扁钢均为5厚，锚筋均为φ6
3. 锚筋与扁钢为连续贴角焊缝，焊缝高度5mm.

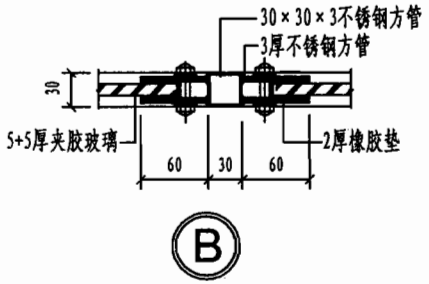
室外平台栏杆（四）	图集号	苏J08-2006
	页　次	50



立面图



立面图



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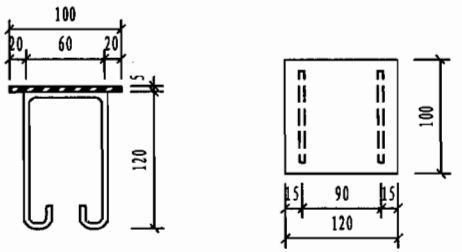
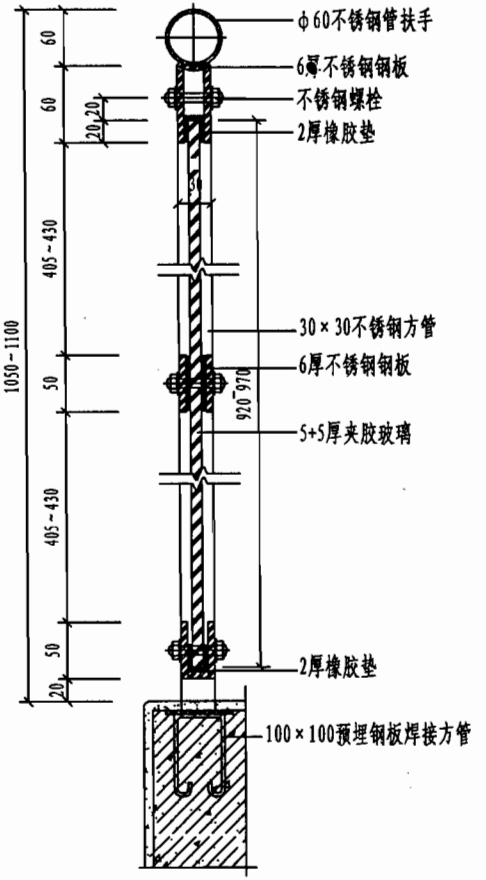


C 预埋铁板大样

注：1.预埋件扁钢均为5厚，锚筋均为φ6
2.锚筋与扁钢为连续贴角焊缝，焊缝高度5mm.



A 剖面图

室外平台栏杆（五）

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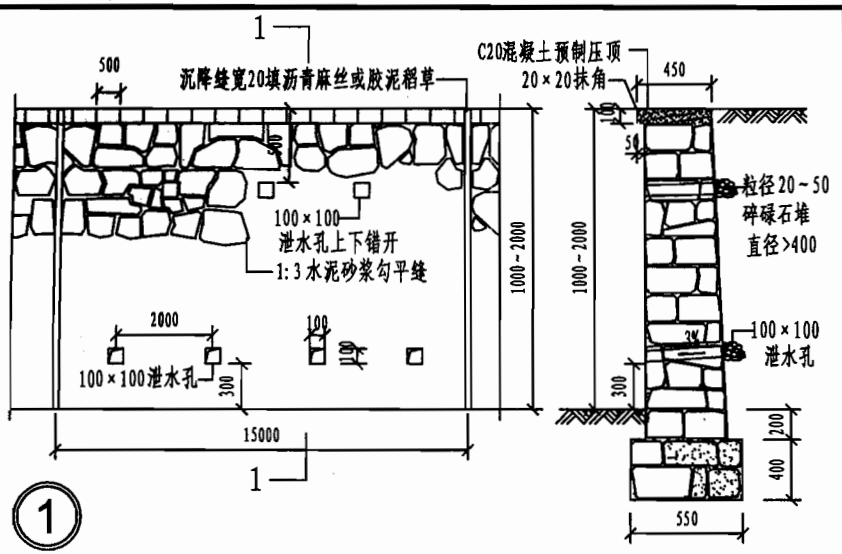

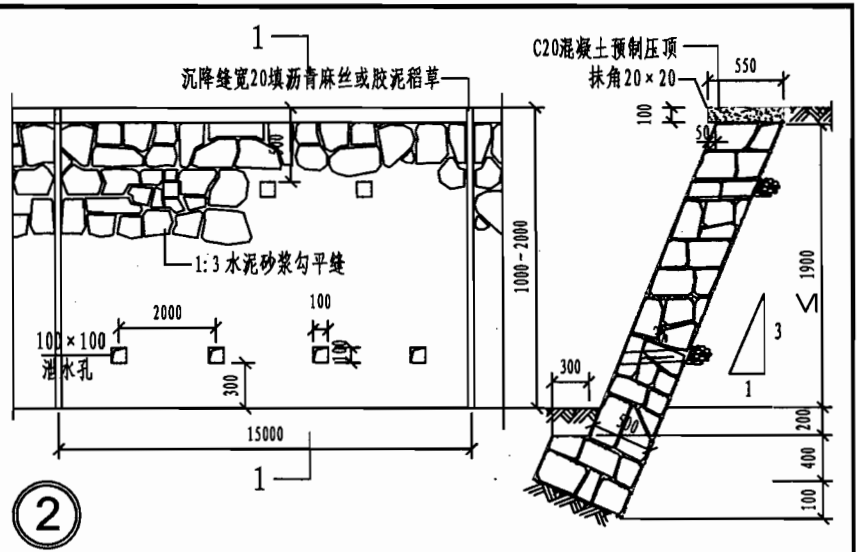

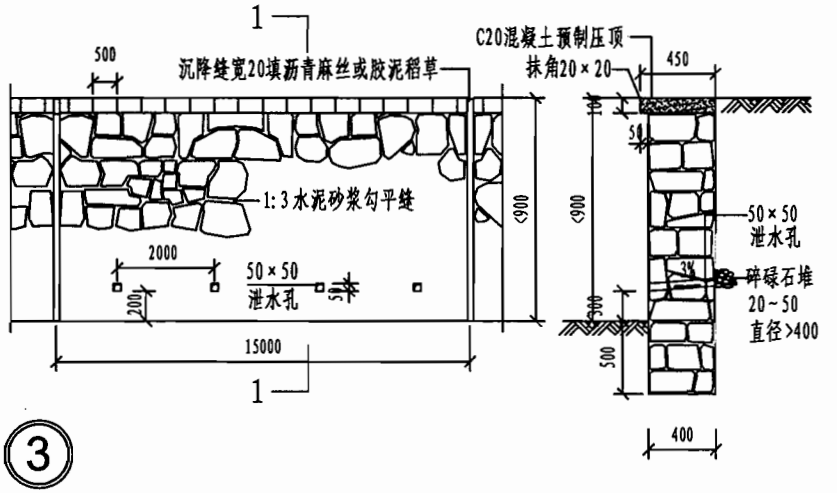

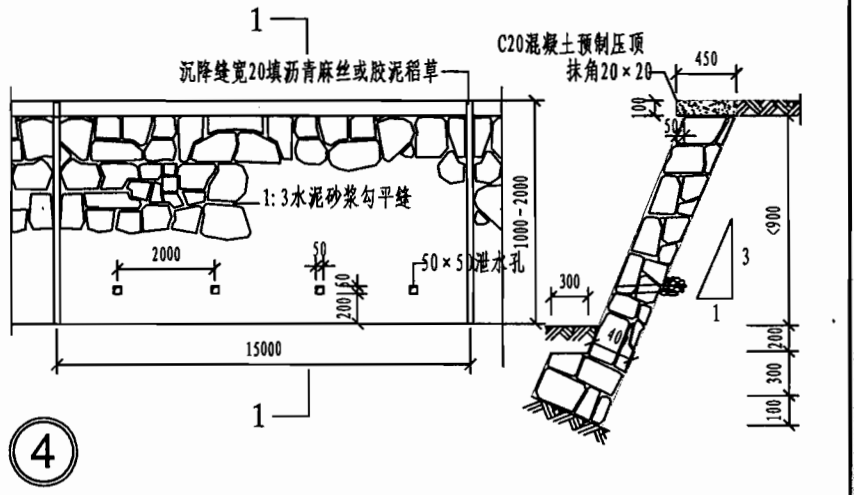

毛石挡土墙砌筑材料采用不低于MU30毛石，M2.5或M5水泥砂浆砌筑.用于外墙的石面要求平整.

本图适用于挡土墙高度H≤2000时选用，当高度H>2000,应另行设计.挡土墙高度 H>700 时应设置护栏.

不设置护栏时，挡土墙顶应设置压顶.

石砌挡土墙

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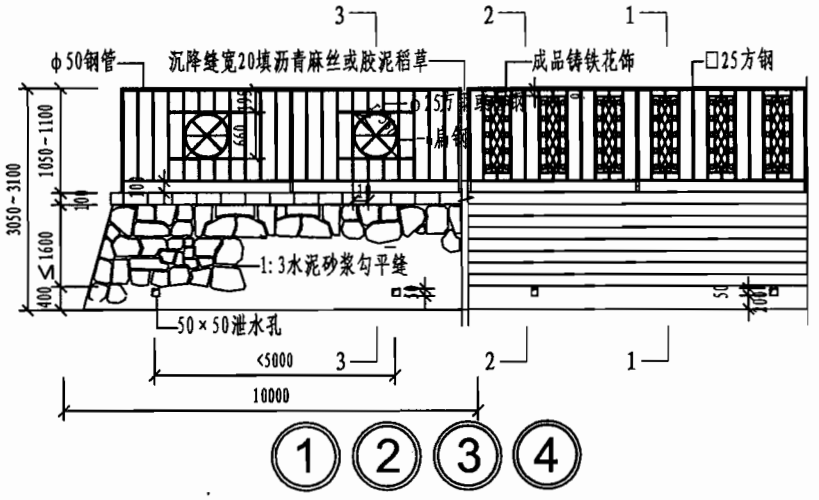
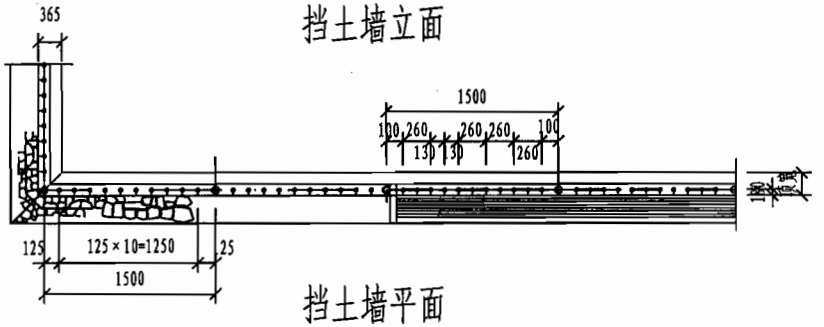
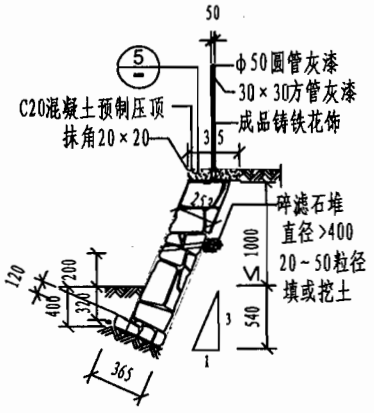


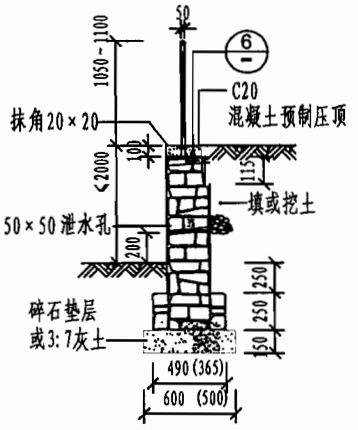
挡土墙立面



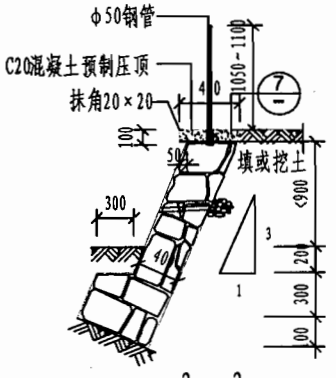
挡土墙平面



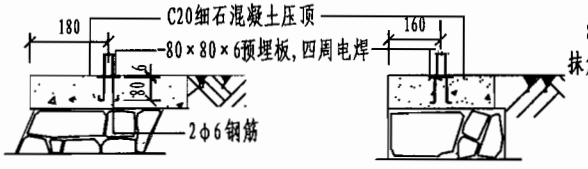
1 - 1



2 - 2



3 - 3



5　6　7

注:

本图为用于人行道小挡土墙上的钢管拦杆.

①砌体斜挡墙　②石砌斜挡墙.　③砌体直挡墙　④石砌直挡墙

人行道旁档土墙墙顶做法按本图.斜墙一般用于距建筑物较近地点.

所有露明铁件表面处理做法由设计人员定.

石砌直挡墙设置钢管栏杆,墙顶做法参照 3 - 3剖面

挡土墙	图集号	苏J08-2006
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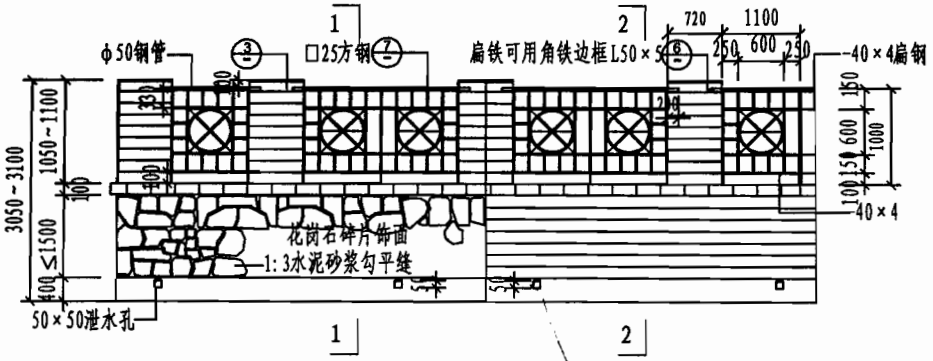
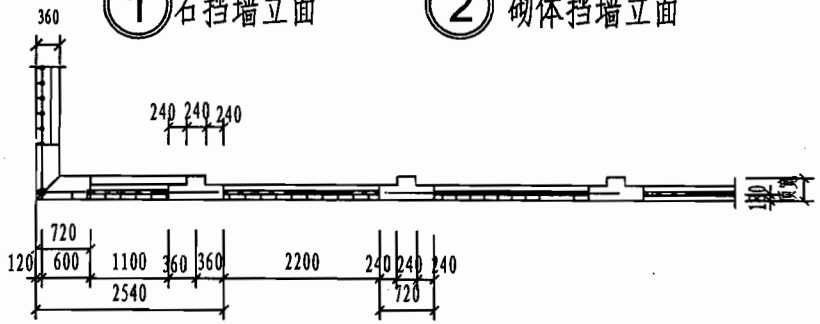
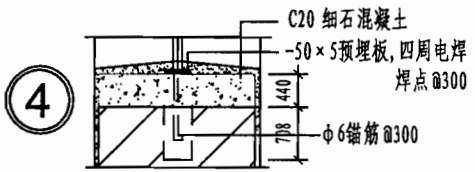


1 石挡墙立面　　2 砌体挡墙立面



挡墙平面

3



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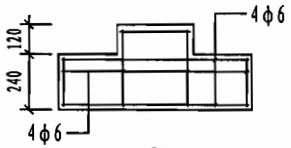
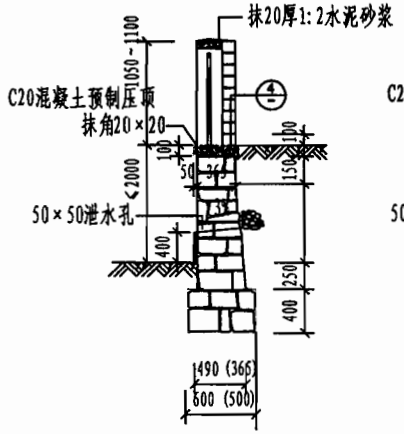
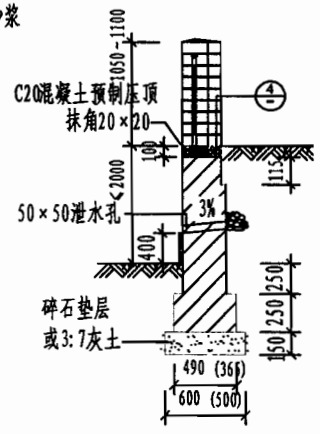


5

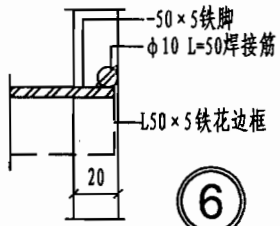
60厚C20细石混凝土压顶板



1 - 1



2 - 2



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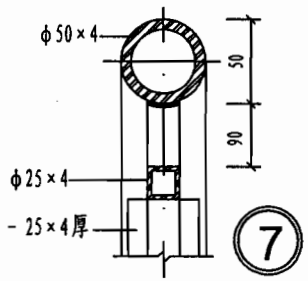

7

注:

1. 本图所用砌体为烧结空心砖. 材料为页岩, 煤矸石或粉煤灰. 也可采用其它砌体并根据材料特点对尺寸及结构进行相应改动.
2. 本图为砌块垛铁栅挡土墙. 采用不低于M5水泥砂浆. MU7.5砌块1:3水泥砂浆勾缝. 流水洞均为两开间设一个. 洞内壁抹20厚1:3水泥砂浆掺3% 防水粉.
3. 挡土墙. 勒脚饰面材料由设计人员定. 或采用20厚1:2.5水泥砂浆抹面分格
4. 沉降缝及伸缩缝设置砖砌体每隔10米, 石砌体每隔15米. 沉降缝宽20, 填沥青麻丝
5. 所有露明铁件表面处理做法由设计人员定. 也可采用不锈钢或热镀锌钢等材料.

挡土墙	图集号	苏J08-2006
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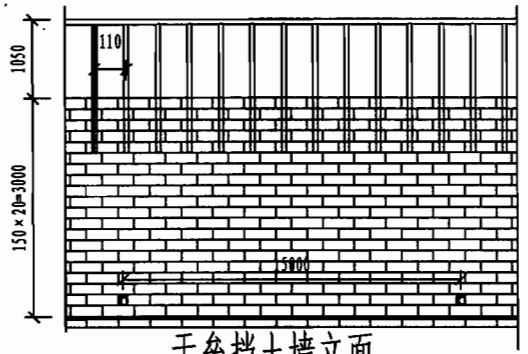
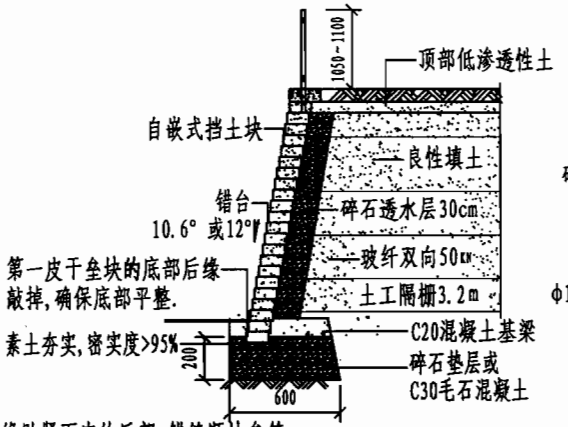
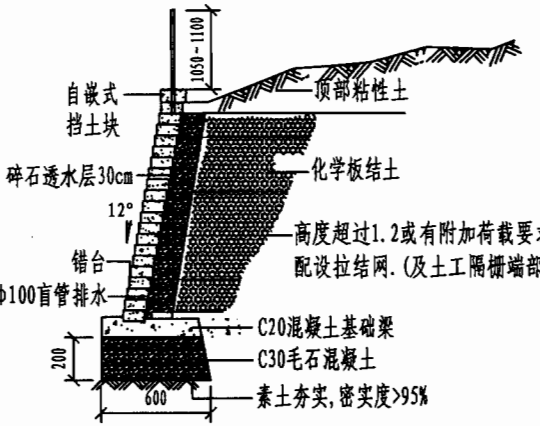


干垒挡土墙立面

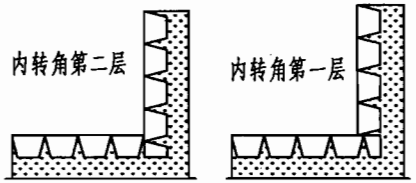


干垒挡土墙剖面

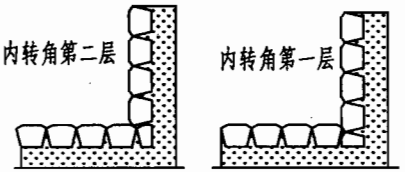


干垒挡土墙剖面

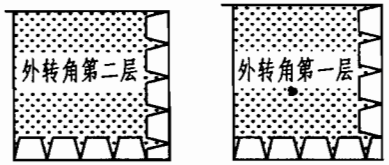
第一皮干垒块的底部后缘敲掉后置于碎石基础上,确保稳定.
墙体每皮块体上表面清除干净后,方可垒筑下一皮,上层干垒后块后缘贴紧下皮的后部,错缝顺块垒筑.
墙体每垒筑完两皮垒块后,上层干垒后,进行排水骨料和回填土的回填.回填厚度不大于300mm.密实度大于95%



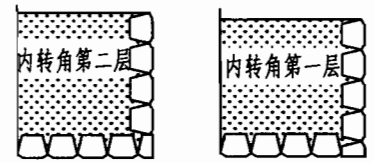
直面型内转角90° 平面组合



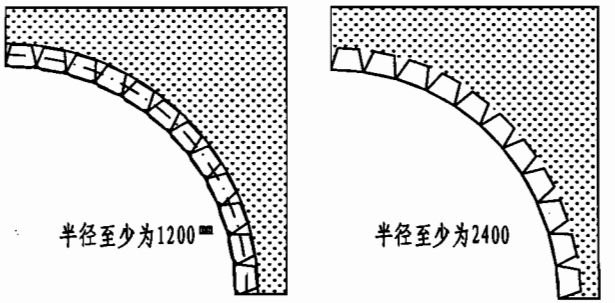
曲面型内转角90° 平面组合



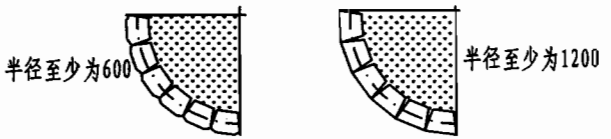
直面型外转角90° 平面组合



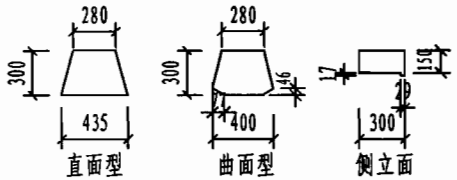
曲面型外转角90° 平面组合



内弧线型平面组合



外弧线型平面组合



干垒块外型尺寸

舒布洛克砖为高强度及高密度的预制混凝土干垒块.
干垒挡土墙每退台高度0.3-9m,安装时无需砂浆砌筑和锚固.
排水骨料:级配碎石填充于干垒块墙体和回填土之间.级配如下表

筛孔尺寸(mm)	25	19	3	0.3
通过每个筛孔的质量(%)	100	90-100	0-10	0-5

基础:采用200mm厚压实碎石,基础下素土夯实,密实度大于95%.

自嵌式挡土墙	图集号	苏J08-2006
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1、 结构的组成

自嵌式景观挡土墙设计施工的主要组成部分包括地基土、垫层、自嵌式块体、挡土区、排水骨料和拉接网片(加筋土自嵌式挡土墙)。

地基土：垫层和加筋土挡土墙以下的土体。

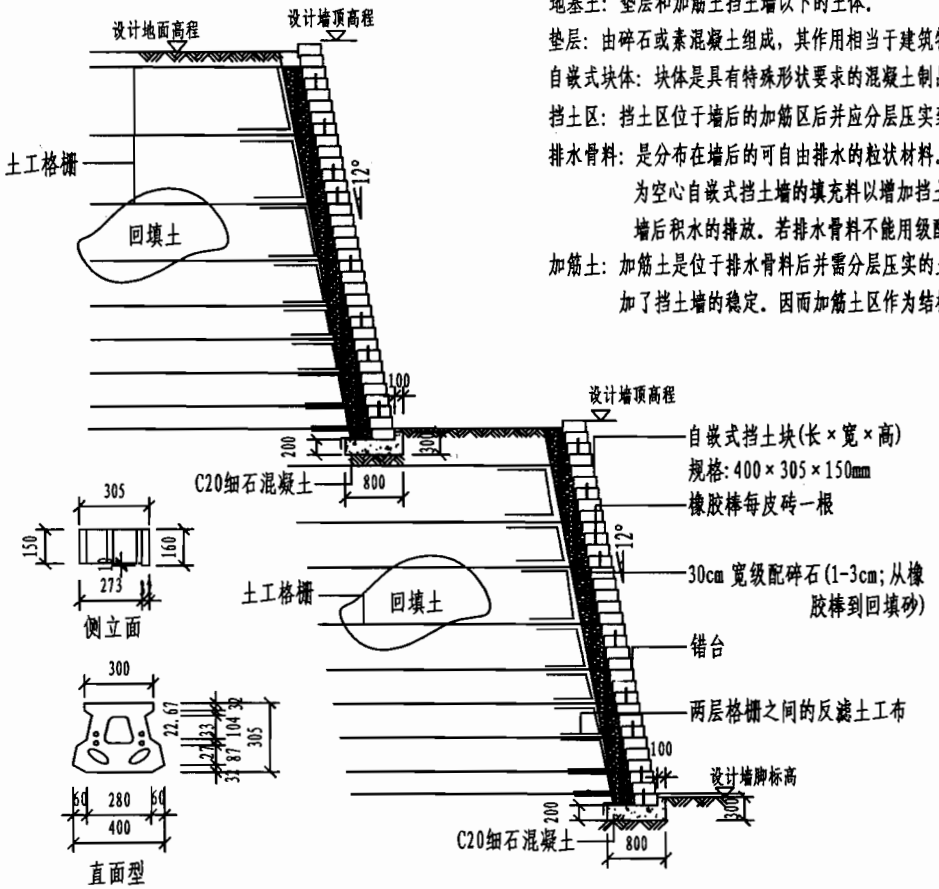
垫层：由碎石或素混凝土组成，其作用相当于建筑物扩大基础，将自嵌式景观的重量扩散到地基中较大区域从而提高地基承载力。

自嵌式块体：块体是具有特殊形状要求的混凝土制品，其作用是提供结构的稳定重量和具有花岗岩的质感。

挡土区：挡土区位于墙后的加筋区后并应分层压实到90%的压实度；加筋土区的土体需分层压实到93%的压实度。

排水骨料：是分布在墙后的可自由排水的粒状材料。其作用是排出墙后积水，及时消除墙后水压力。与其相同的材料有时用来作为空心自嵌式挡土墙的填充料以增加挡土墙的自重和抗剪能力。自嵌式挡土墙的施工方法允许水从墙面排出从而协助墙后积水的排放。若排水骨料不能用级配碎石,需要在排水骨料与其土体间设置反滤土工织物,防止土料与排水骨料掺混。

加筋土：加筋土是位于排水骨料后并需分层压实的土体。需按设计要求布置拉接网片作为加筋层，加筋层提高土体的整体性并增加了挡土墙的稳定。因而加筋土区作为结构的组成部分。



新型干垒块外型尺寸　　退台式干垒挡土墙剖面

2. 自嵌式挡土墙相关材料一览表

自嵌式挡土块：C30高强度混凝土，400×305×150mm

橡胶棒：高分子聚酯材料，长20cm，直径8-10mm，小孔中插入橡胶棒，每砖两根。

加筋网片：土工格栅材料、抗拉能力双向50KN、使用年限超过50年

反滤土工布：250g/m2，两层土工格栅之间设置土工布，上下埋入回填土各40cm.

级配碎石：1～3cm

基础：C20素混凝土、800宽×200厚

施工间距：土工格栅设置长度为墙体垂直高度的0.6～0.8，回填土密实度≥92%

自嵌式挡土墙	图集号	苏J08-2006
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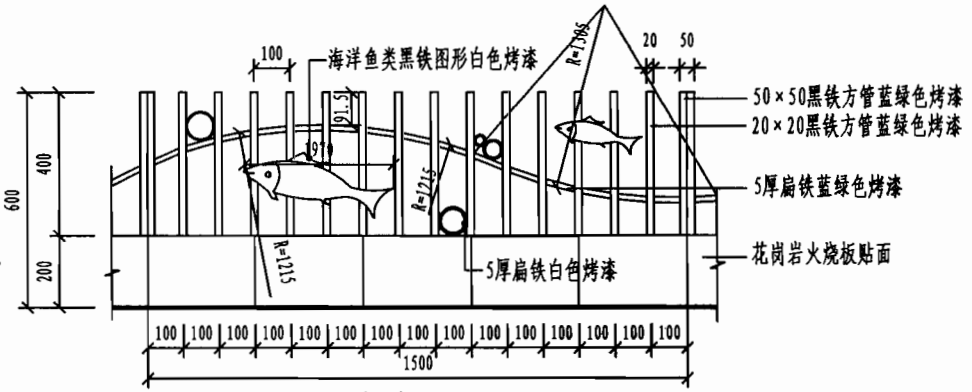
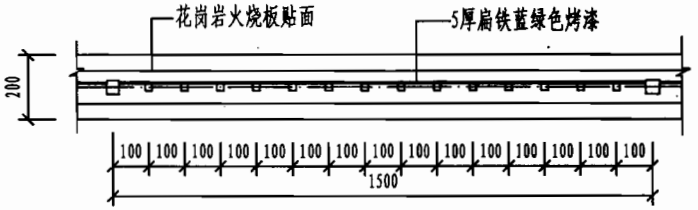
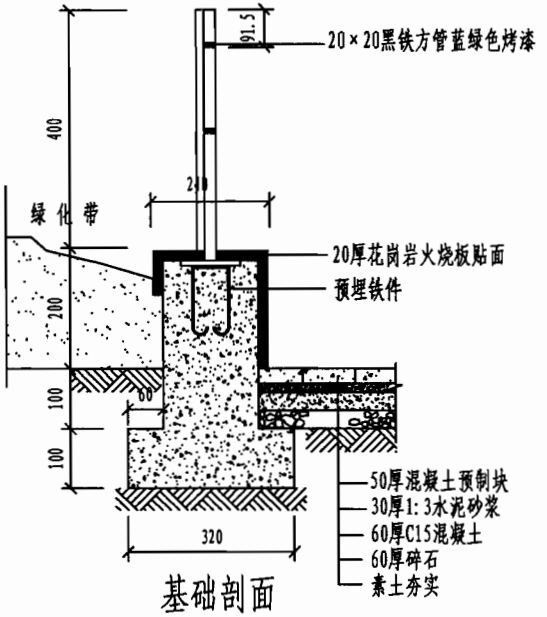


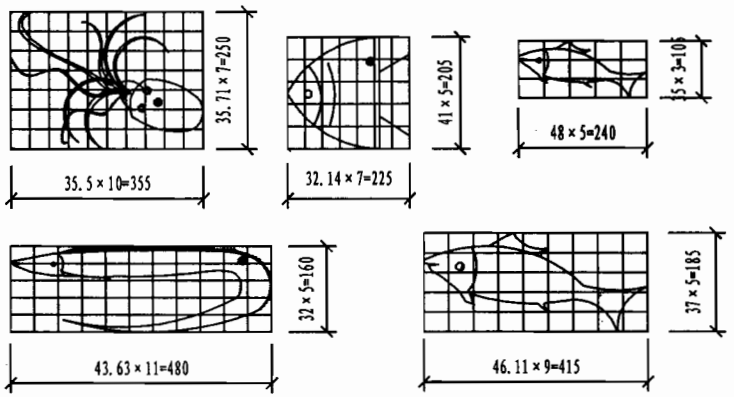
围栏立面图



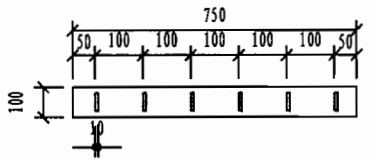
围栏平面图



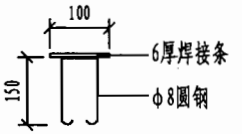
基础剖面



围栏黑铁画饰大样



预埋铁件平面图



预埋铁件大样

围 栏 (一)

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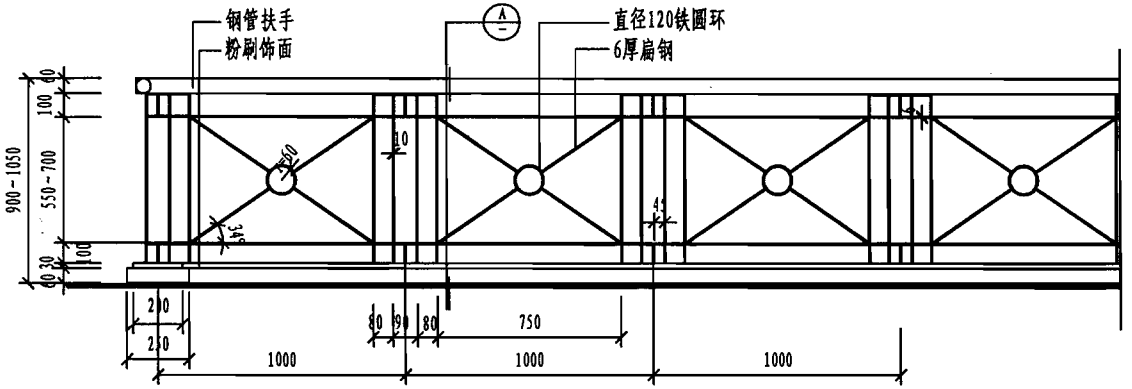
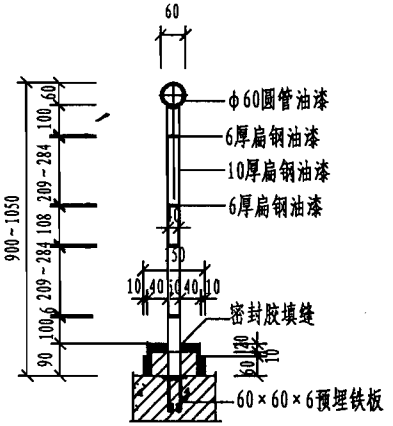
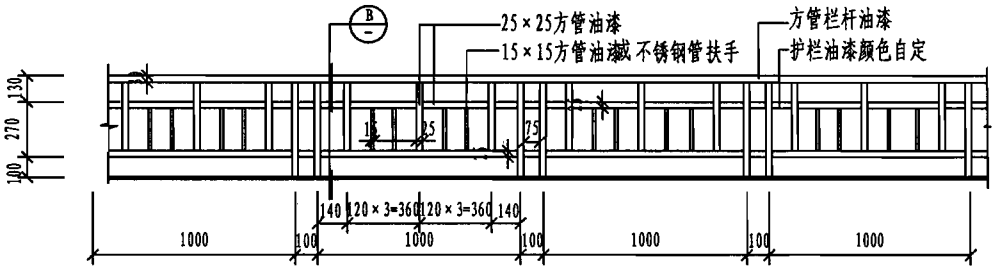


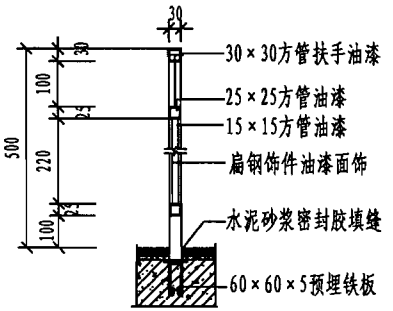
立面图



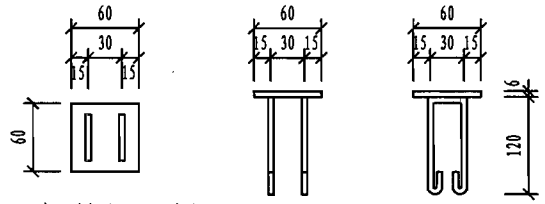
A 剖面图



绿篱护栏立面图

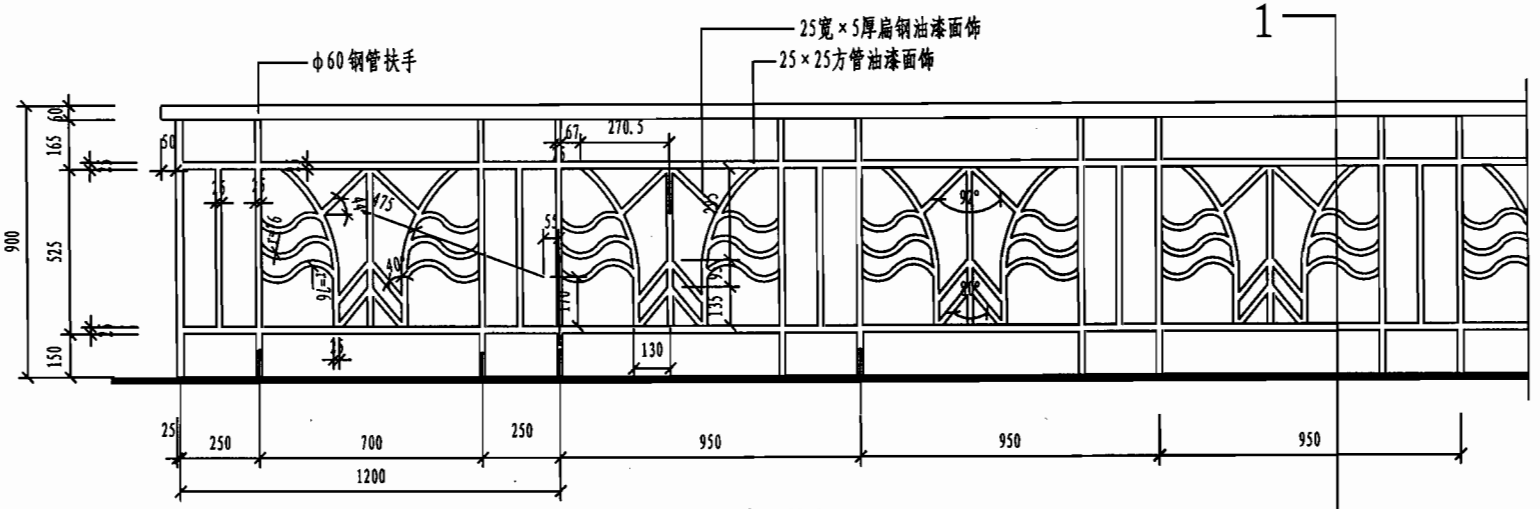


B 剖面图

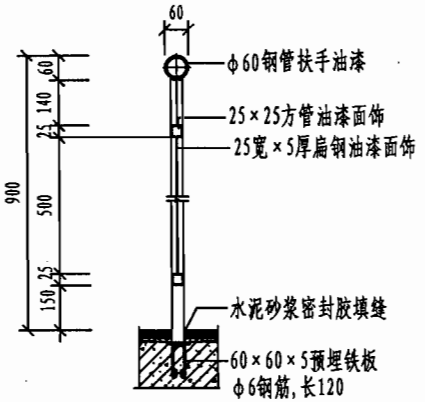


予埋铁板大样

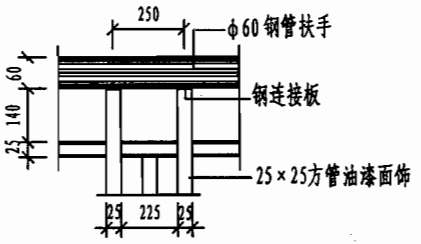
围 栏 （二）	图集号	苏J08-2006
	页 次	58



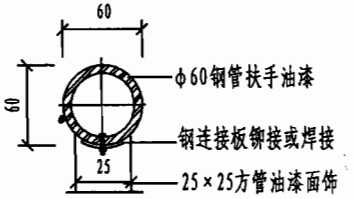
立面图



1-1

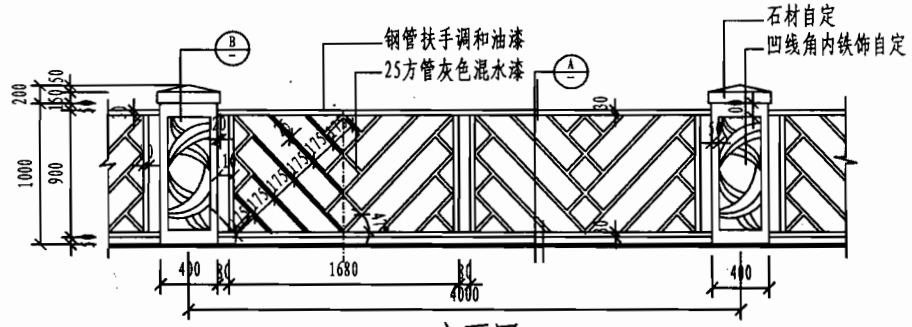


A 大样图

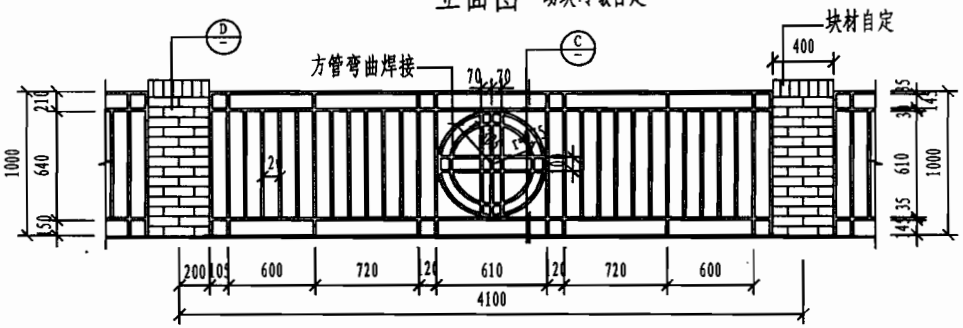


B 大样图

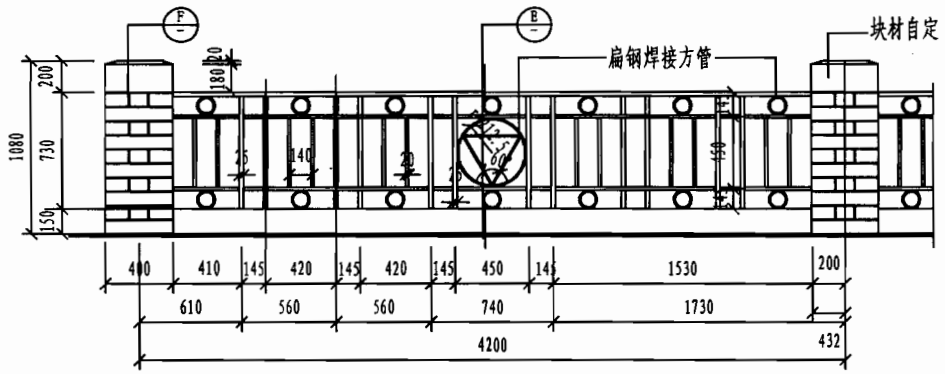
围 栏（三）	图集号	苏J08-2006
	页 次	59



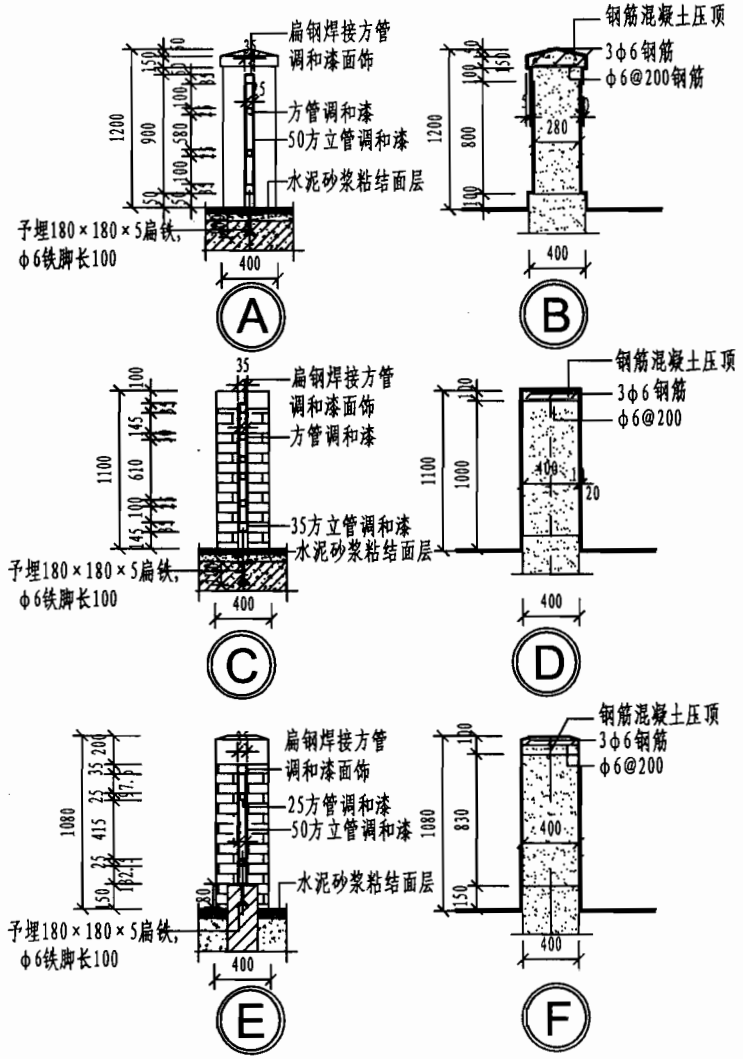
立面图 砌块砖墩自定



立面图 砌块砖墩自定

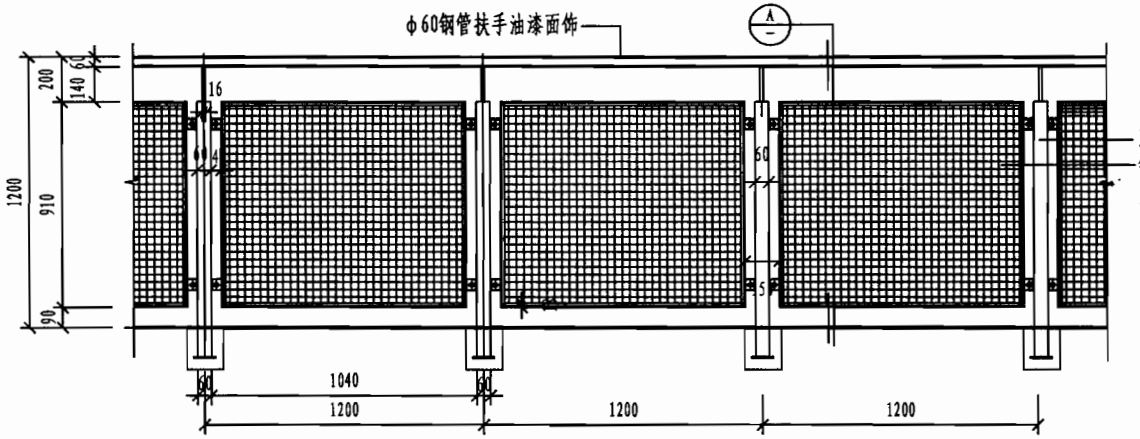


立面图 砌块砖墩自定

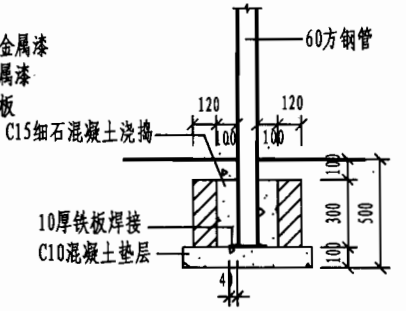


围 栏（四）

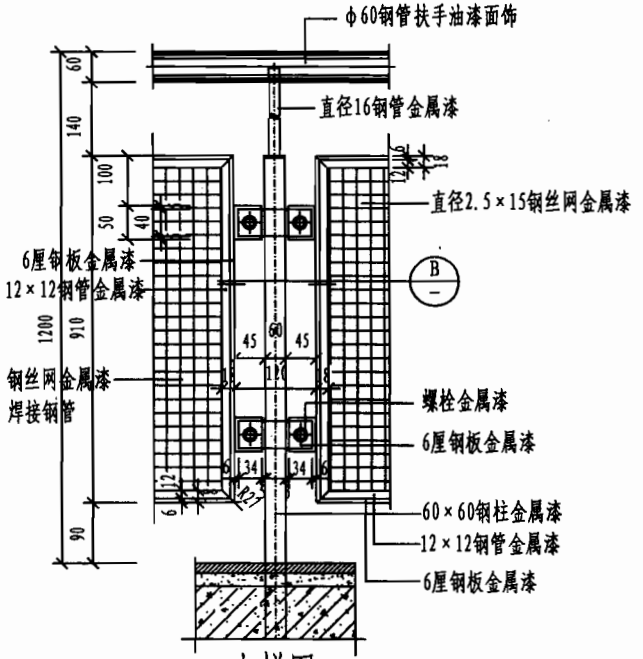
图集号	苏J08-2006
页 次	60



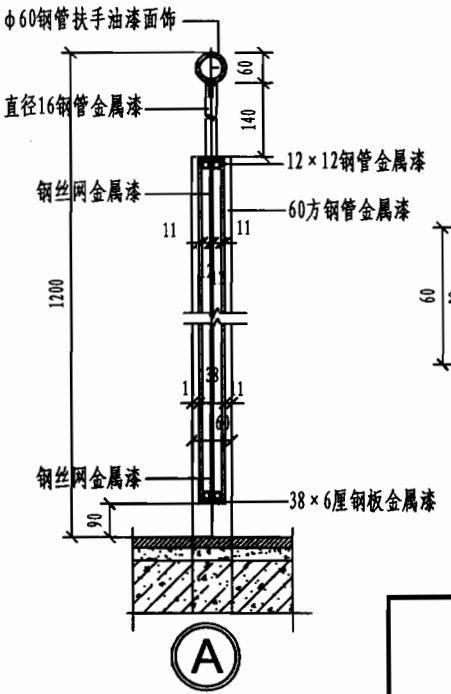
立面图

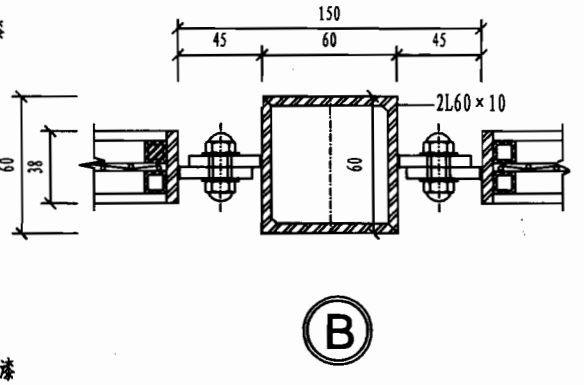


钢柱基础



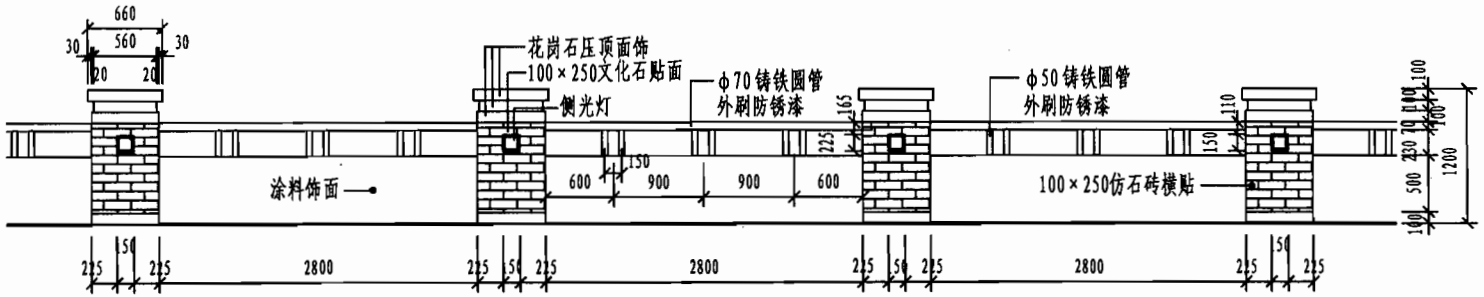
大样图



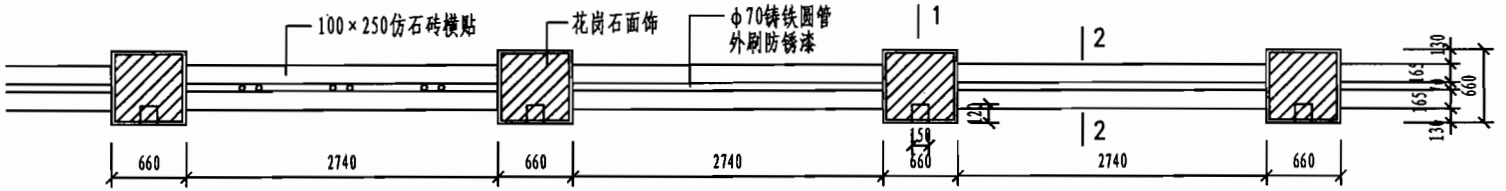


围 栏（五）

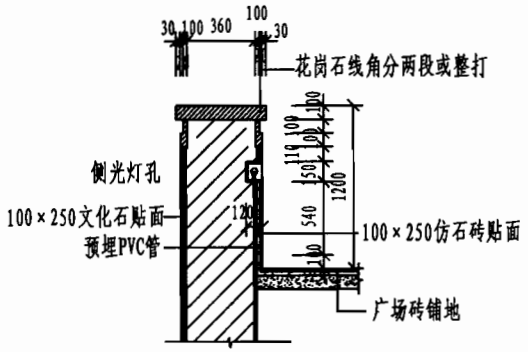
图集号	苏J08-2006
页 次	61



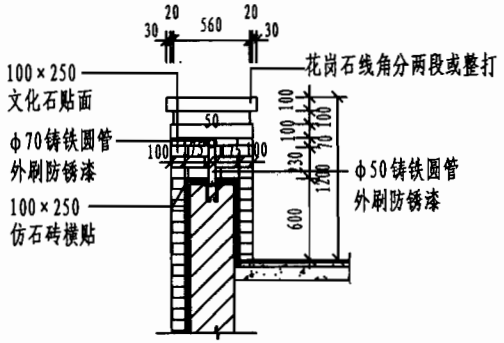
景观栏杆立面图



景观栏杆平面图

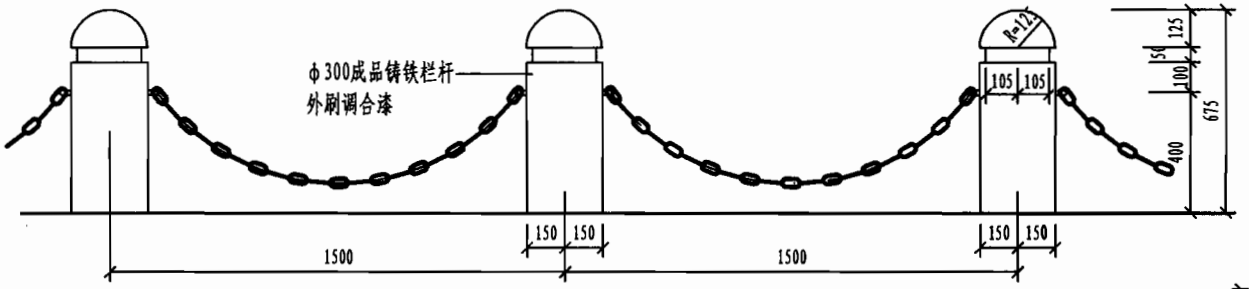


1-1剖面图

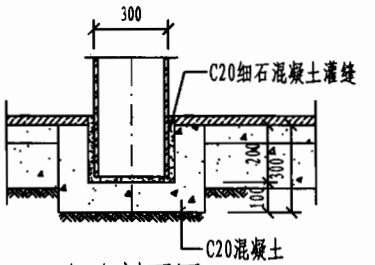


2-2剖面图

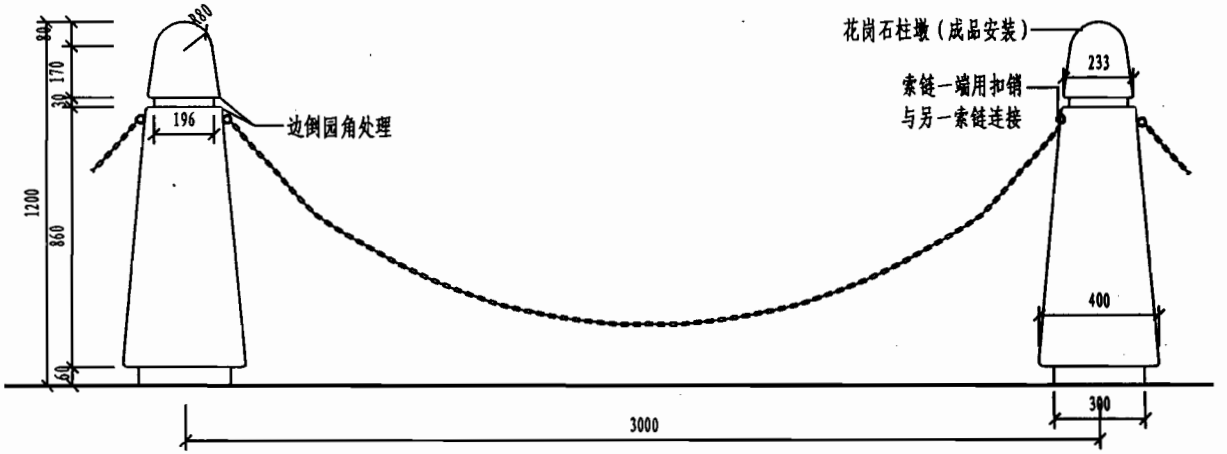
围 栏 (六)	图集号	苏J08-2006
	页 次	62



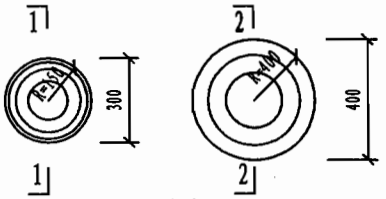
围栏立面图1



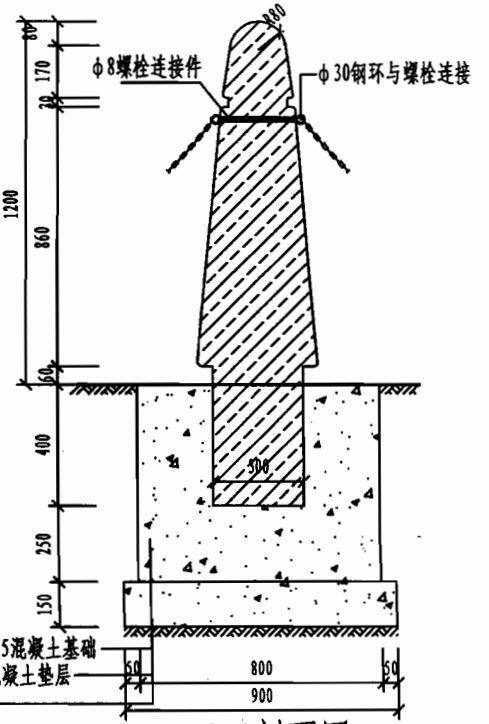
1-1剖面图



围栏立面2



平面图



2-2剖面图

注：露明铁件刷防锈漆二道，刷黑色调和漆二道。

围 栏（七）	图集号	苏J08-2006
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围墙大门设计说明

1. 本图集适用地基为一般粘性土或经过处理人工地基.围墙限制高度,适用于基本风压0.4kn/m地区.如用于0.8kn/m地区时,围墙的埋地部分厚度应不小于350,基底宽度不小于700,并用M10水泥砂浆砌筑;地上部分的KP砖墙达1800以下时须用M5.0混合砂浆砌,至2100时用M7.5混合砂浆:否则可采用370厚勒脚加高,或采用壁柱加强.其横截面大小,中距,砂浆标号等,应经计算或验算确定.
2. 替代粘土实心砖可改用水泥砖,灰砂砖,陶粒砖等.承重砌体宜选用烧结实心砌块. 用于基础及承重的砌块不得使用轻骨料混凝土砌块,使用的砌块,设计人应根据具体材料的要求选择.砖砌体的强度等级≥MU10,水泥砂浆的强度等级M2.5:砌筑毛石砌体的水泥砂浆强度等级为M5.
3. 当采用240(250)厚混凝土空心小砌块时宜采M10砂浆砌筑,限高分别为2000(0.4kn/m)和1400(0.8kn/m),可供参考.

   围墙材料(地上,地下)采用混凝土空心小砌块,局部现浇混凝土,砌块强度等级不得低于MU5.室外地坪以下应采用不低于M10的水泥砂浆砌筑,砌块孔洞用混凝土灌实至地上200;室外地坪以上的砌体一般采用混合砂浆砌筑,砂浆强度等级不得低于M5.围墙外装饰材料,油漆品种及颜色均由具体设计确定.

   砌块围墙伸缩缝间距宜为3倍围墙高度,且不应大于15米.其他砖砌围墙长度超过50米应在砖垛部位设置伸缩缝,复杂地形时应设变形缝.

   基础埋深由设计人员根据持力层情况确定.

   基础垫层做法:可在150厚1:2:4的碎石三合土层上做C15素混凝土垫层.
4. 围墙宜设防潮层,做法为20厚1:3水泥砂浆掺3%防水粉.泄水孔一般每开间或每3~4m设一个.
5. 本图集钢筋混凝土构件,如不注明:现浇为C15,预制为C20混凝土,钢筋均为I级(φ),钢材均为3号钢,焊接均用T42焊条,焊缝高度h_f≥4, 边缘贴角焊缝$h_f=\delta$(边缘厚度)焊缝长度I_f=50或$8h_f$,通长焊缝可采用间断焊,每段I_f≥8h 间距应≤30δ(较薄焊件厚度).现浇素混凝土如不注明,为C10细石混凝土.

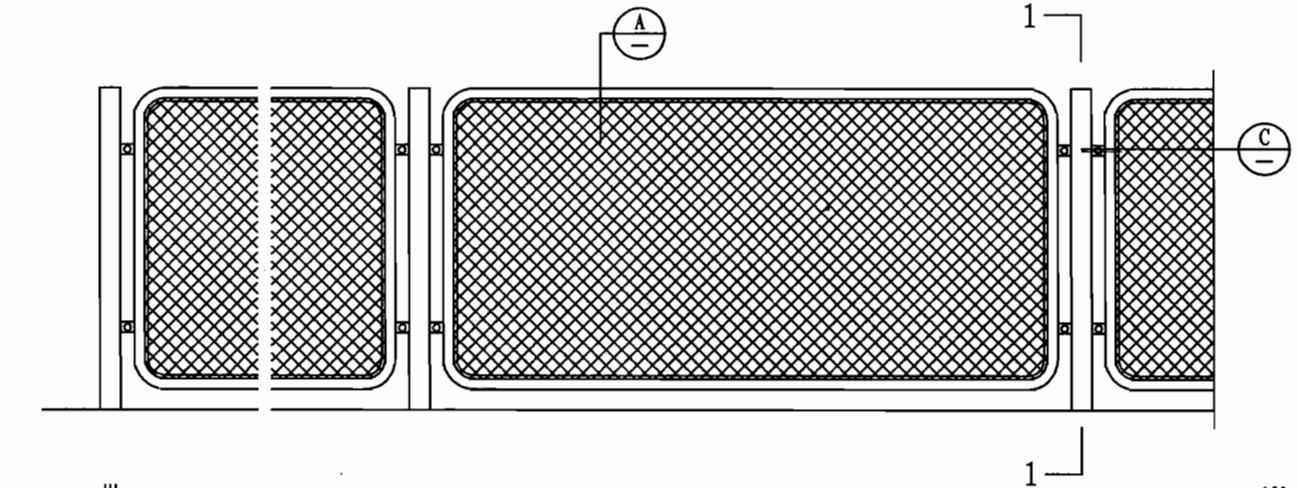
   外露钢材宜采用热镀锌处理钢材,预埋铁件均应进行防锈处理,具体做法由设计人定.
6. 为防止围墙顶部开裂及围墙安全,均采用钢筋混凝土压顶(60厚,200厚),侧边临空时采用在砌块孔洞中插入φ12钢筋及灌满C15混凝土,60厚压顶厚度均不包括在总高度内.
7. 柱与墙,墙与墙交接处凡出现通缝时,均应采用长1000,2φ6@400钢筋拉结.

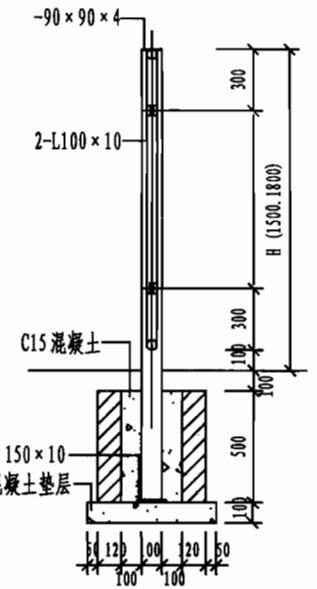
   围墙每隔一皮砌块在水平灰缝内配主筋2φ4焊接钢筋网片,分布筋间距400.

   本图集适宜于一般土质,基础必须落在老土上,如遇暗浜和填土应另行设计.
8. 采用的铸铁花饰及墙灯均为示意,具体大小,样式及电气线路敷设,灯具的安装均由单体设计人员确定.

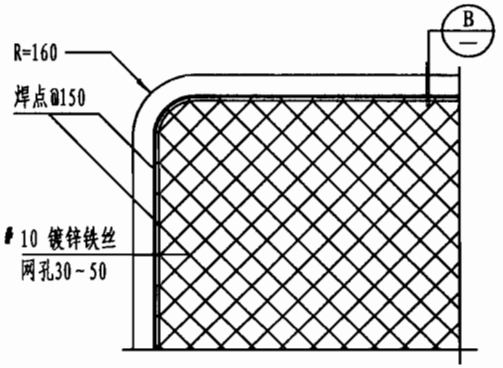
   围墙外装饰材料,油漆品种及颜色均由具体设计确定.

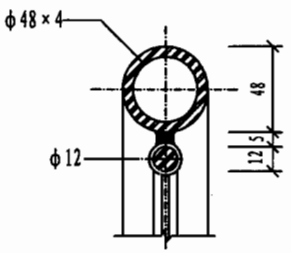
围墙说明	图集号	苏J08-2006
	页 次	64





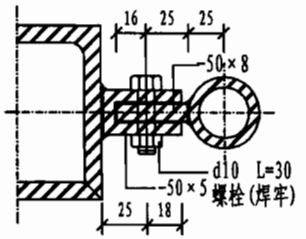
1—1





选用表

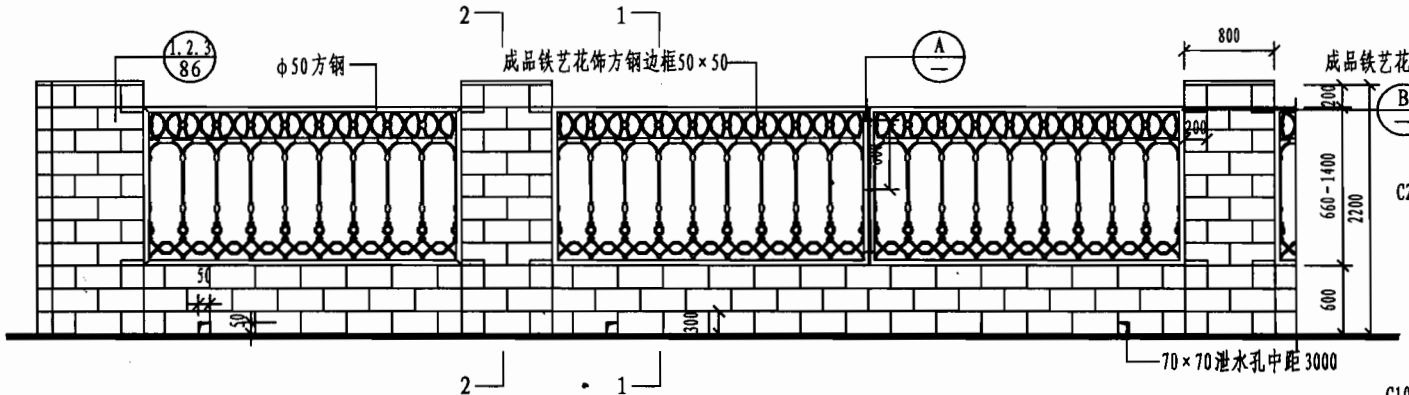
编号	H
①	1500
②	1800

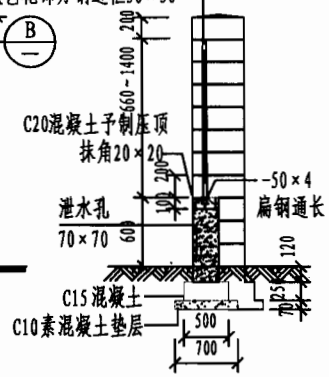


A　B　C

钢丝网围墙

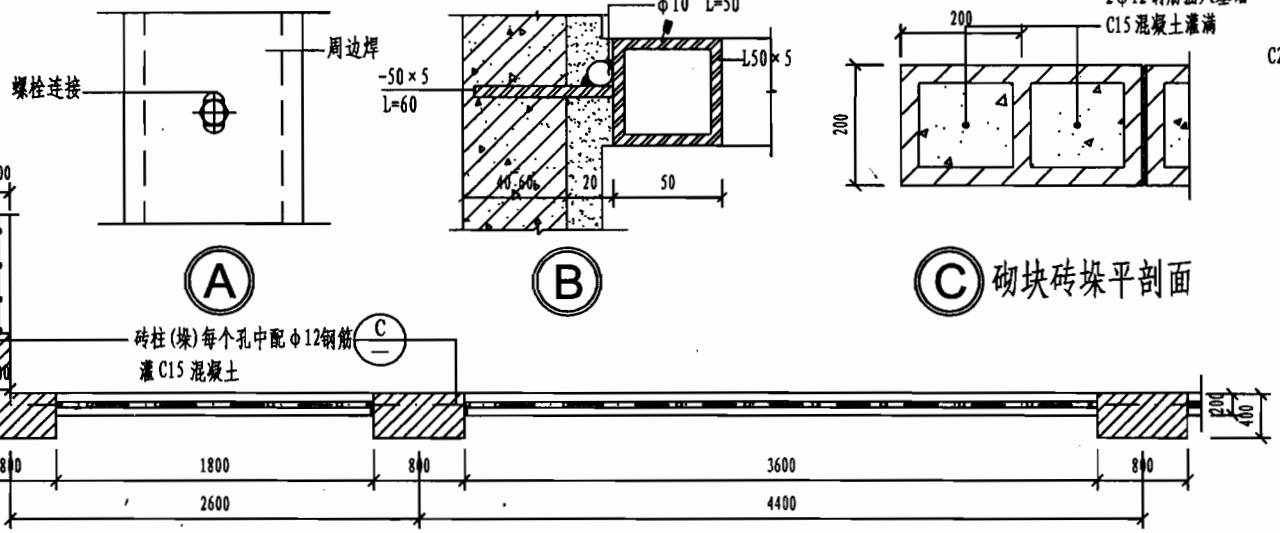
图集号	苏J08-2006
页　次	65

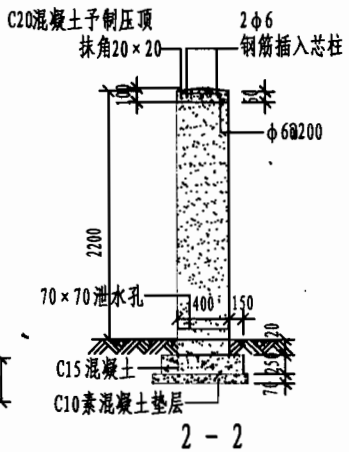




1 粉刷墙立面　2 块材墙立面

1－1





围墙基础根据材料选用见85 86页.

注:
1. 基础外面采用清水墙面用1:1水泥砂浆勾缝.
2. 基础埋深由设计人员定.
3. 成品铁饰选型见70页,围墙铁饰底脚高度由设计人员根据型号再定.

围墙平面

铸铁花饰围墙(一)	图集号	苏J08-2006
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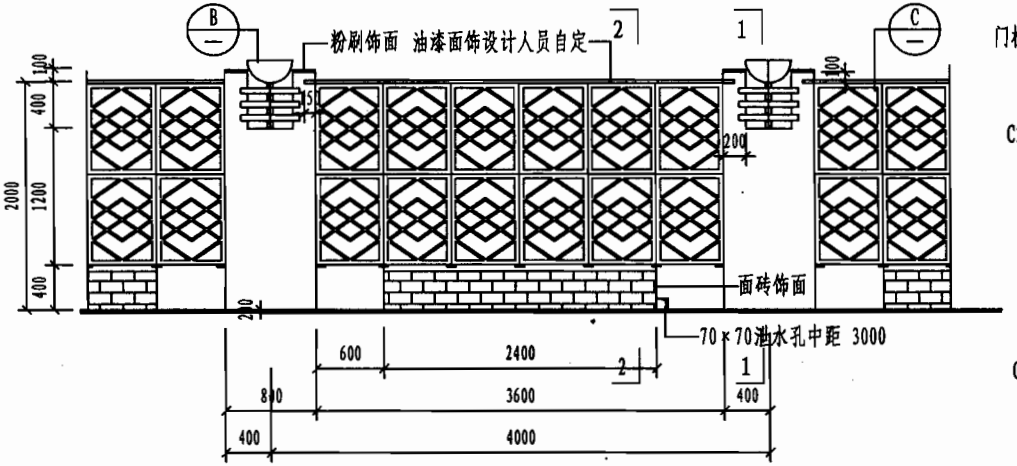
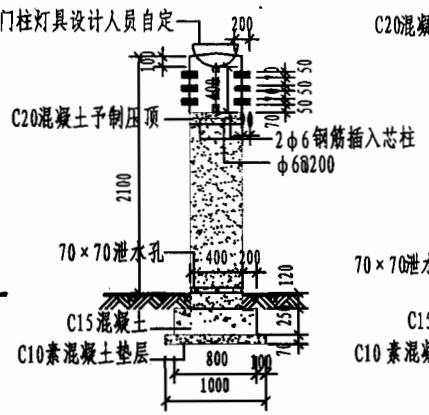
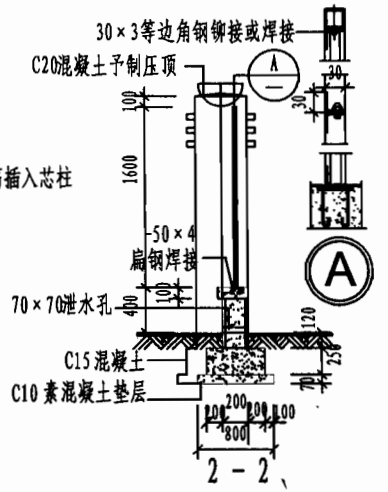
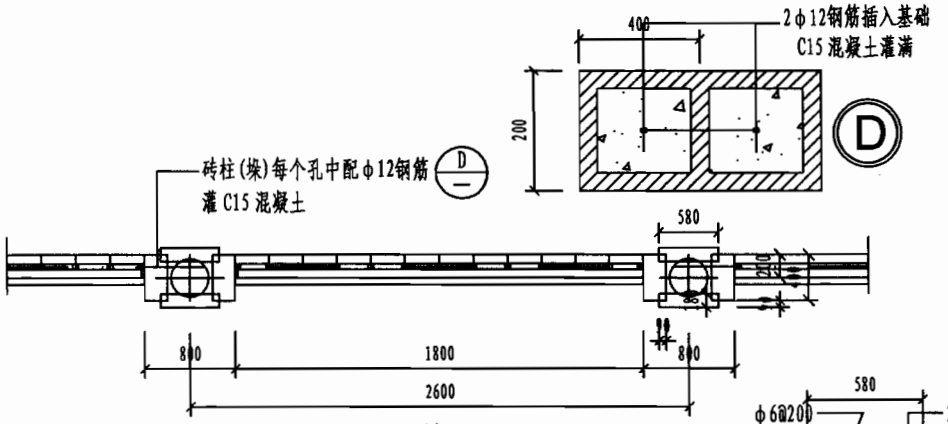


1 粉刷墙立面

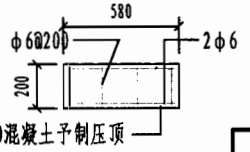




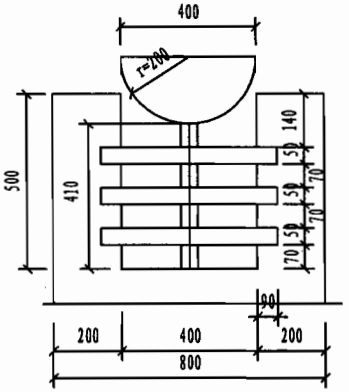
2 块材墙立面



围墙平面

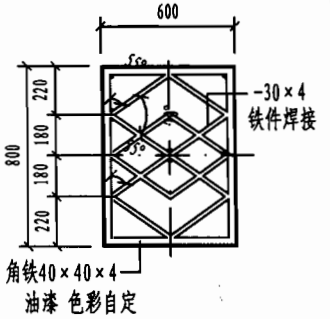


格栅板平面大样



砖垛装饰立面大样

B



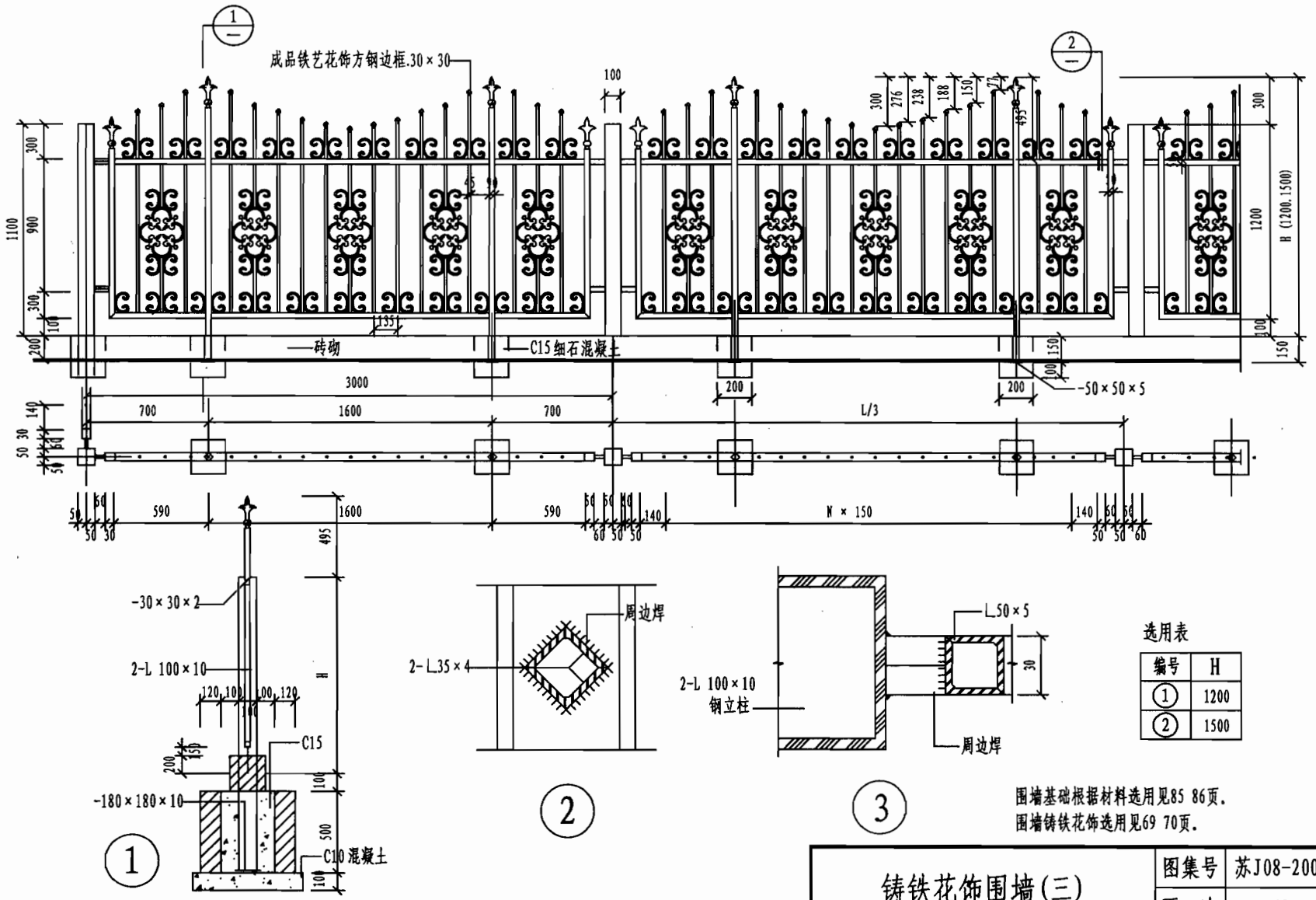
墙铁饰立面大样

C

注:

1. 基础外面采用清水墙面用1:1水泥砂浆勾缝.
2. 基础埋深由设计人员定.
3. 围墙基础根据材料选用见85 86页.

铸铁花饰围墙(二)	图集号	苏J08-2006
	页 次	67



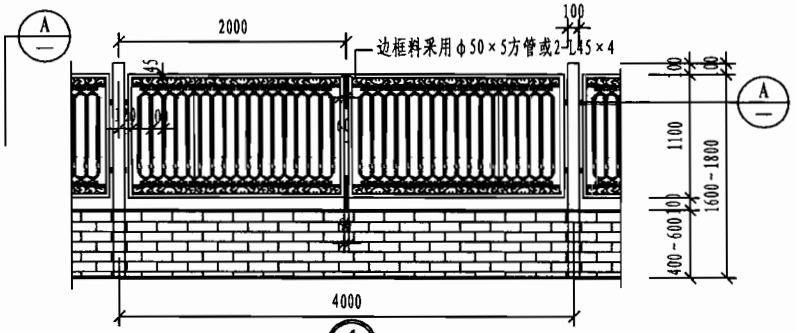
选用表

编号	H
①	1200
②	1500

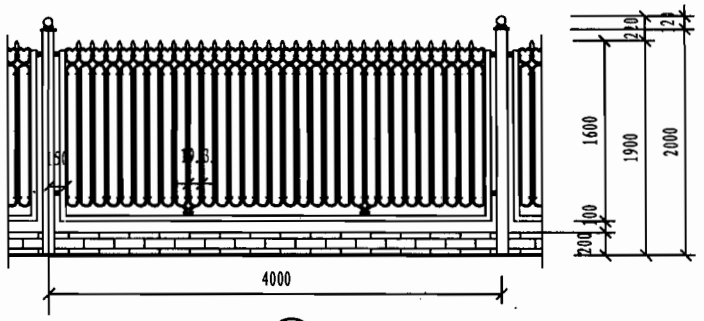
围墙基础根据材料选用见85 86页.
围墙铸铁花饰选用见69 70页.

铸铁花饰围墙(三)

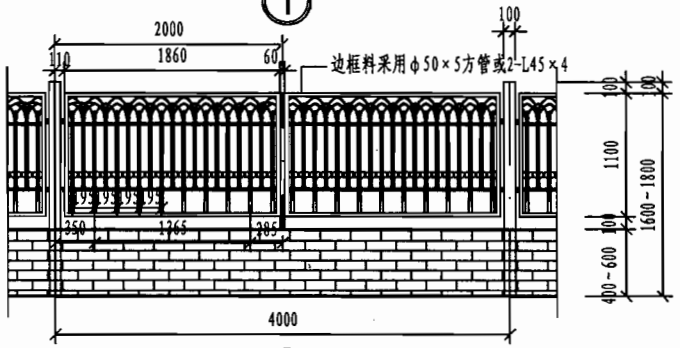
图集号	苏J08-2006
页 次	68



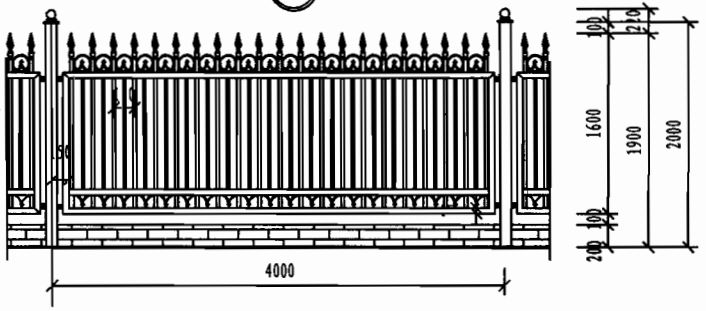
①



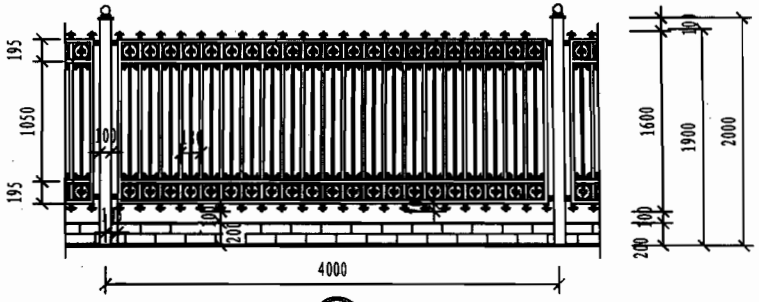
②



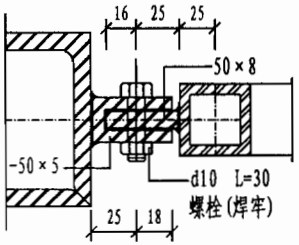
③



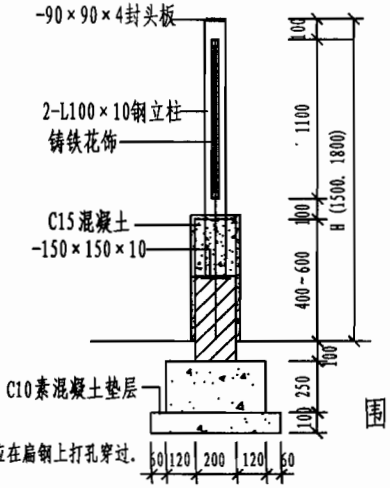
④



⑤



Ⓐ

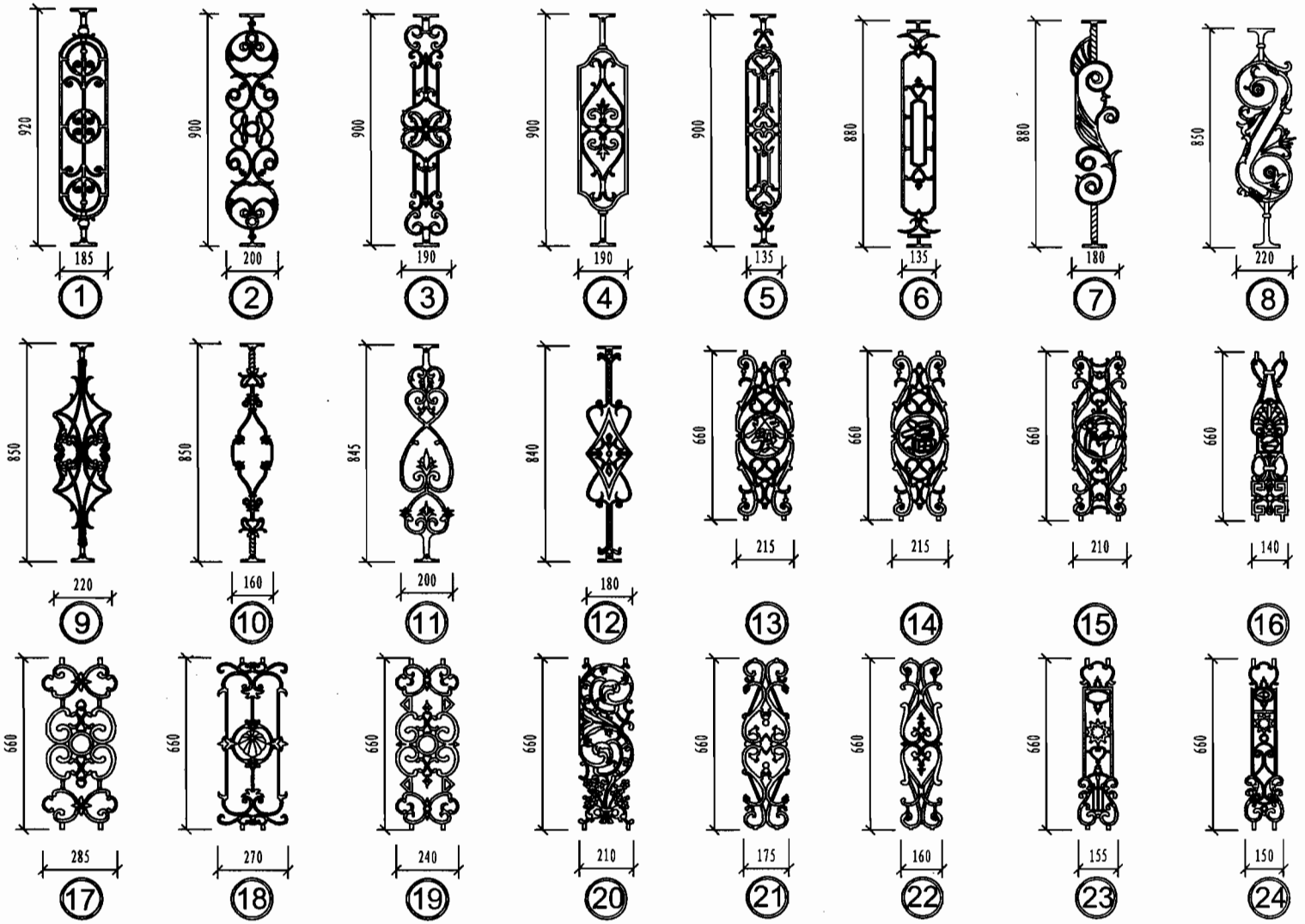


围墙剖面

注：钢立柱采用φ100，边框料采用2-L45×4，油漆色彩由设计人确定。
铁件联结均为焊接。边框宜转角平接且为剖口焊。立杆穿过扁钢花饰时，应在扁钢上打孔穿过。

铸铁花饰围墙(四)

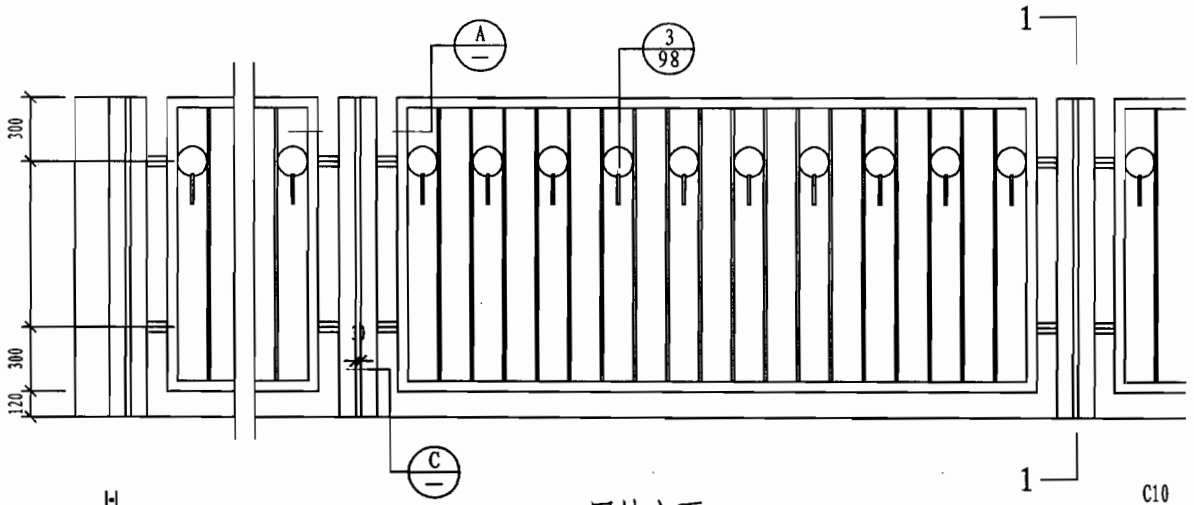
图集号	苏J08-2006
页 次	69



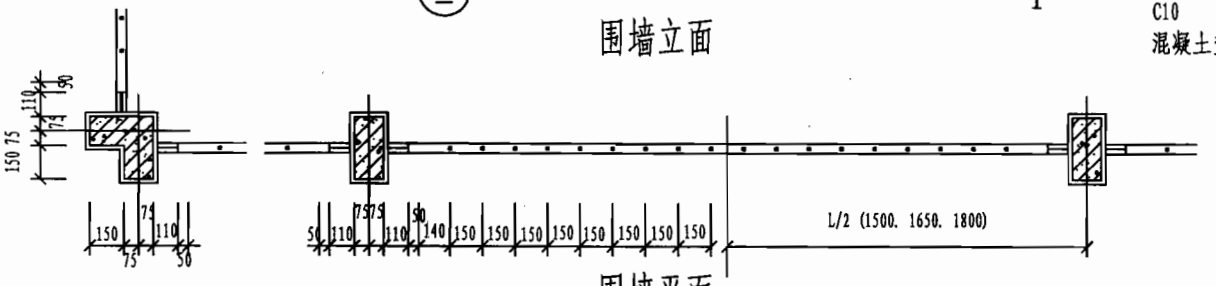
注：铸铁花饰可根据宽度和高度方便选择性拼接使用.油漆根据设计施工.
铁件联结均为焊接，边框宜转角平接且为斜口焊，立杆穿过扁钢花饰时，应在扁钢上打孔穿过.

铸铁花饰大样

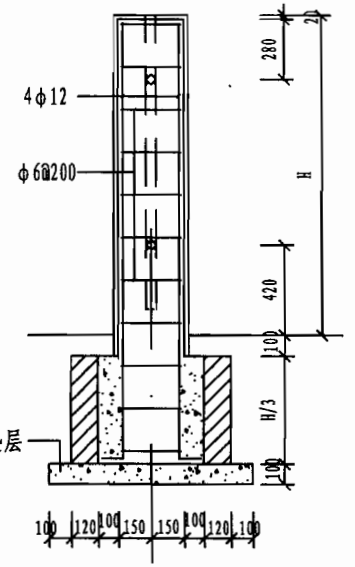
图集号	苏J08-2006
页　次	70



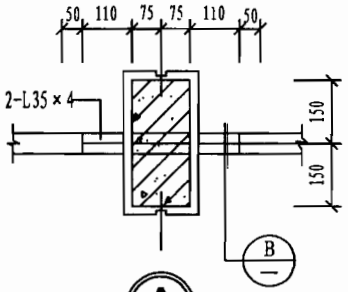
围墙立面



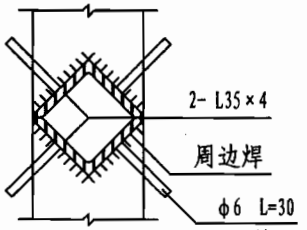
围墙平面



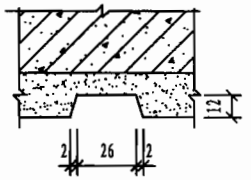
1-1



A



B



C

选用表

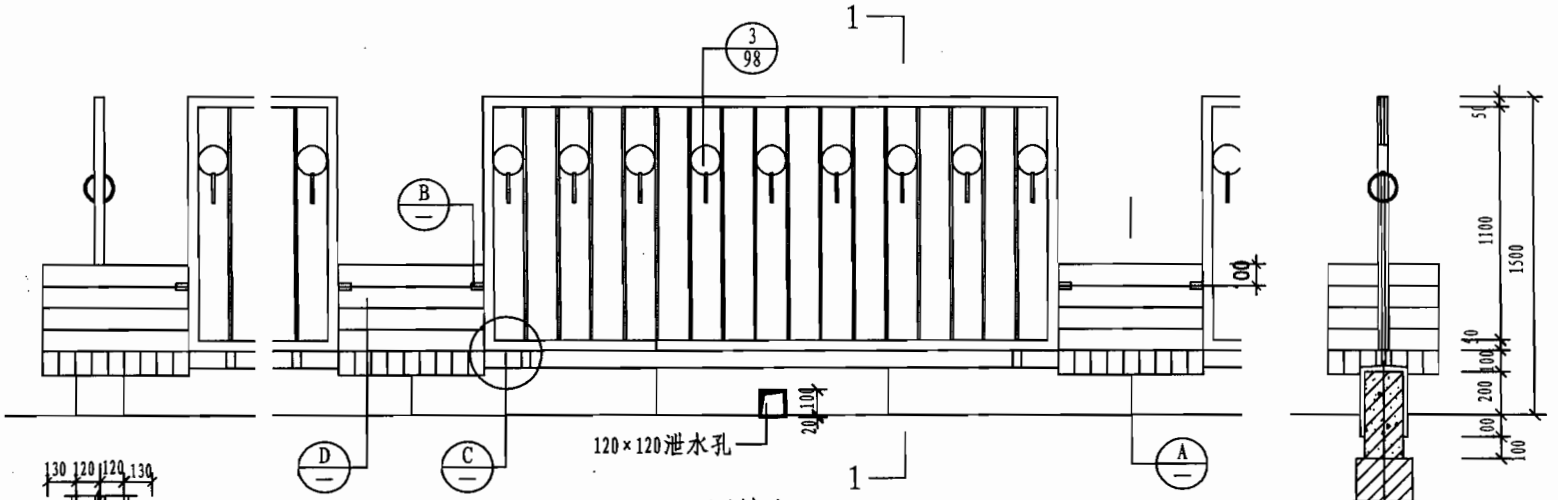
编号	H
①	1500
②	1800

注：

混凝土饰面由设计人定。

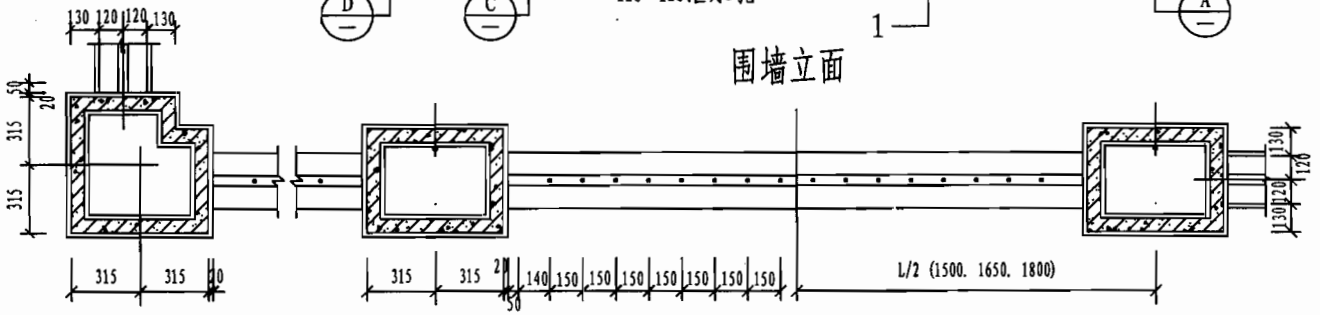
围墙基础根据材料选用见85 86页。

铁栅围墙(一)	图集号	苏J08-2006
	页 次	71

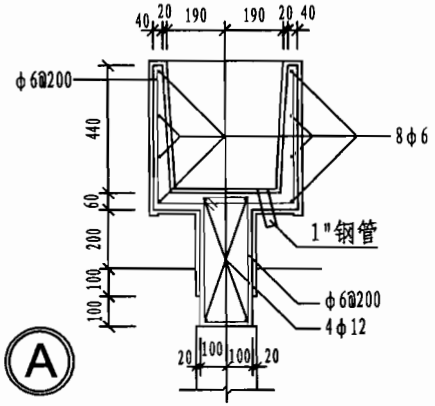


围墙立面

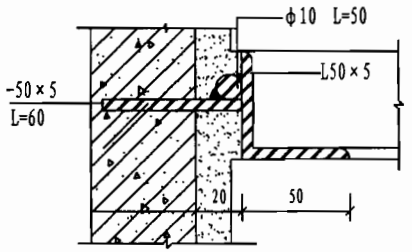
1-1



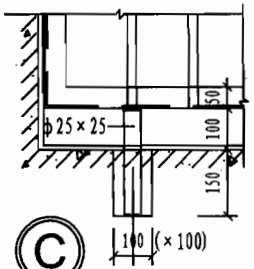
围墙平面



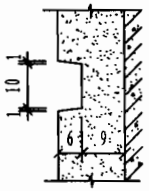
A



B



C



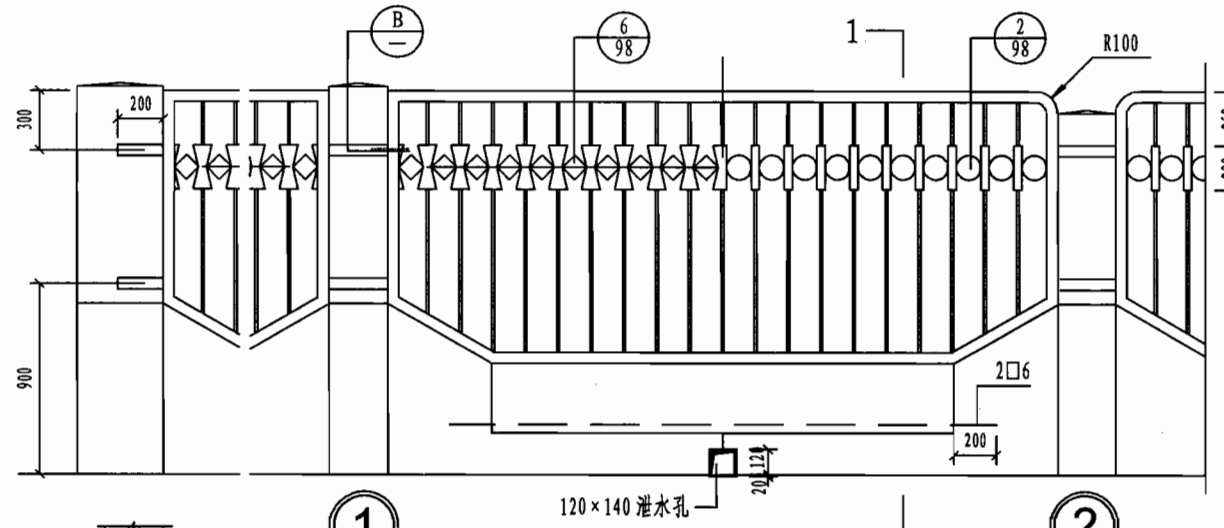
D

注：

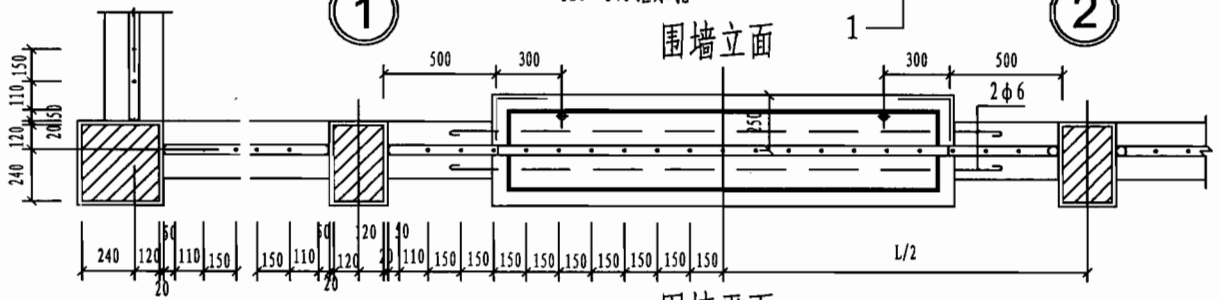
混凝土饰面由设计人定。

围墙基础根据材料选用见85 86页。

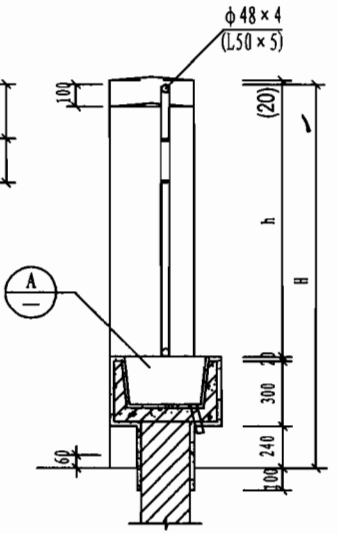
铁栅围墙(二)	图集号	苏J08-2006
	页 次	72



围墙立面

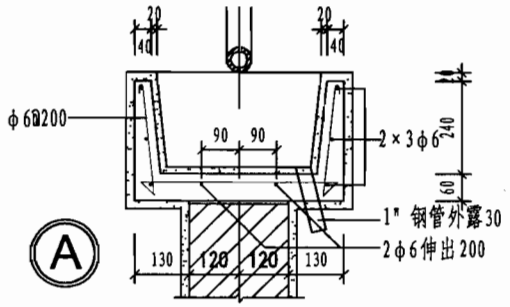


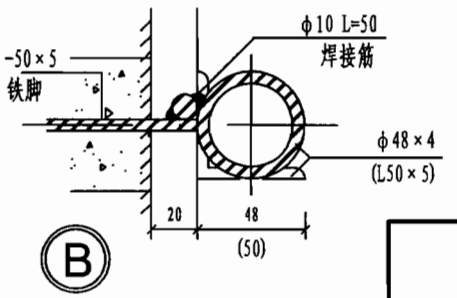
围墙平面



选用表

编号	L	H	h
1a 2a	3300	1800	1240
1b 2b	3600	2000	1440



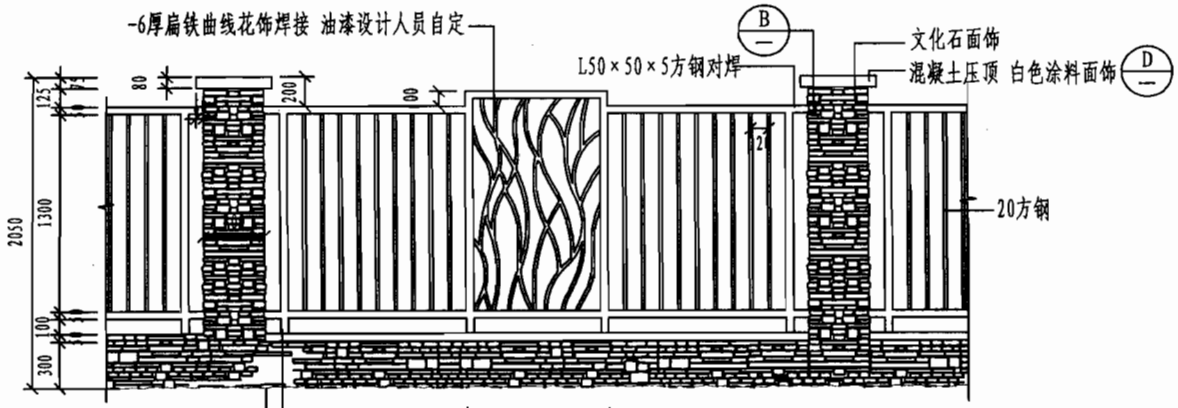


注：

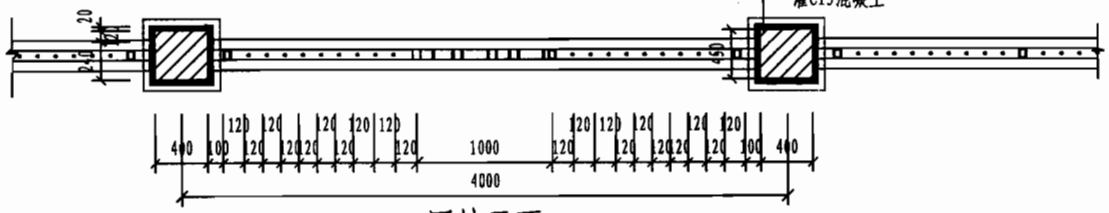
混水墙饰面由设计人定。扁钢铁脚应预留孔洞以C15细石混凝土埋牢，不得后戳后凿。花池内表面1:3水泥砂浆抹面15厚。砌筑砂浆：上部M5，下部M2.5。1×示选左半立面，2×选右半立面（带圆弧）。

围墙基础根据材料选用见85 86页。

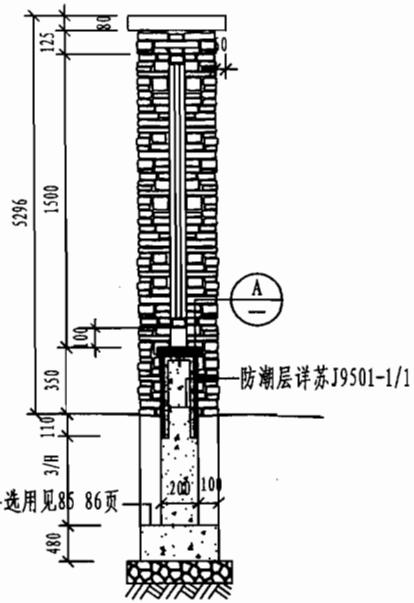
铁栅围墙(三)	图集号	苏J08-2006
	页 次	73



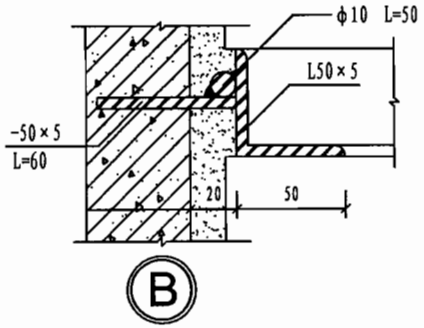
围墙立面



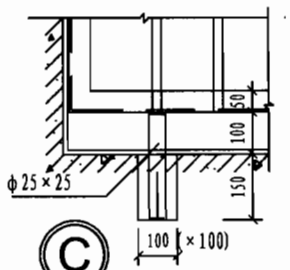
围墙平面



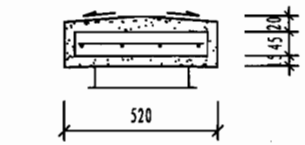
围墙剖面



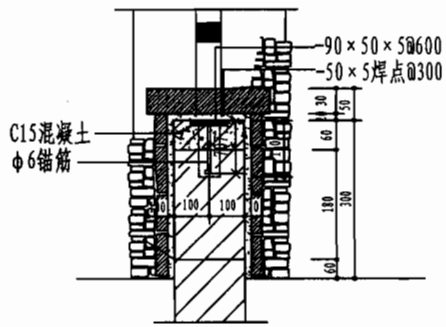
B



C

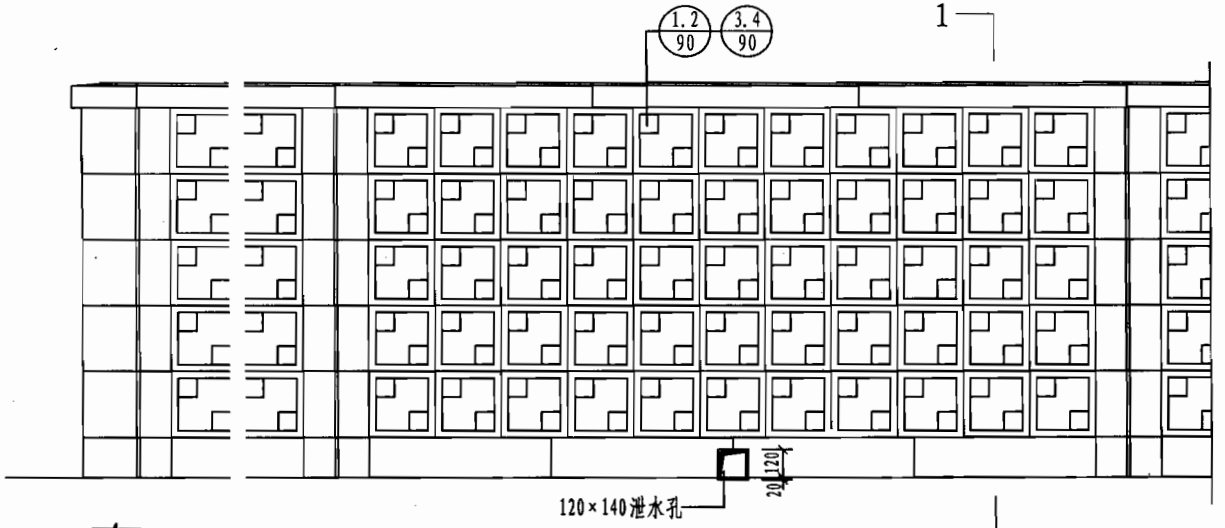


D 压顶剖面

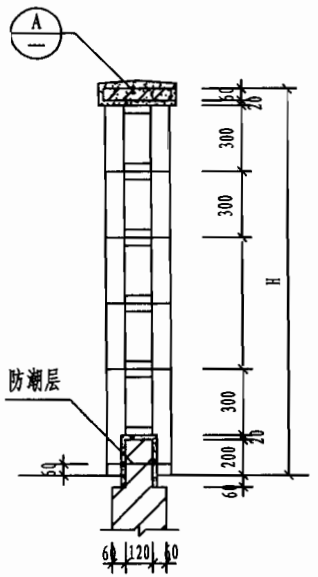


A 围墙节点

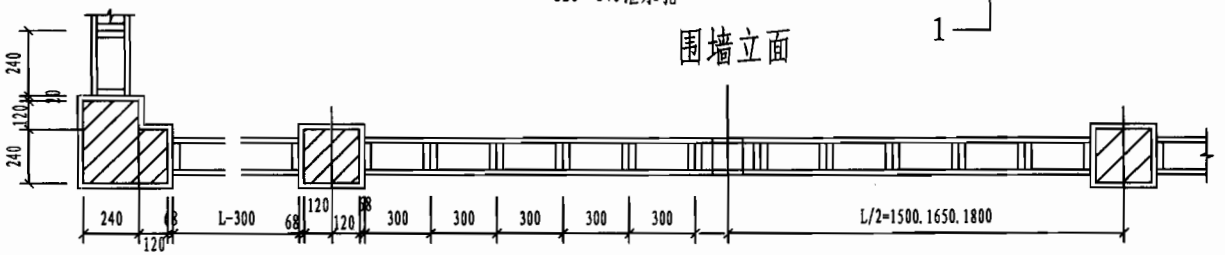
铁栅围墙(四)	图集号	苏J08-2006
	页 次	74



围墙立面



1-1



围墙平面

选用表

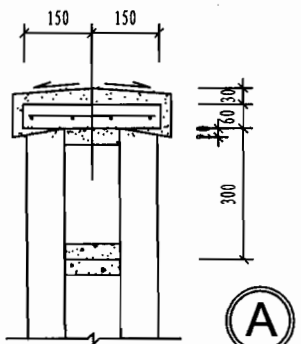
编号	H	砂浆标号
①	1800	M5.0
②	2100	M7.5

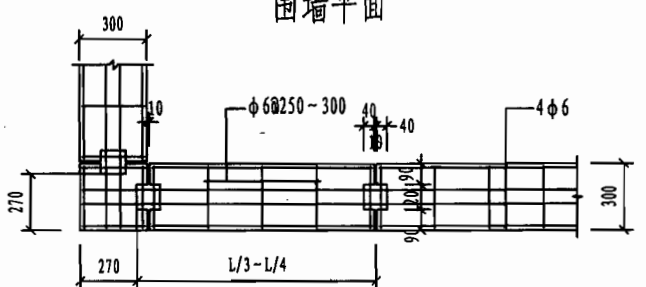
注：

饰面为斩假石或贴面砖，由设计人定。混凝土花格联结详90页A、B。

围墙基础根据材料选用见85 86页。

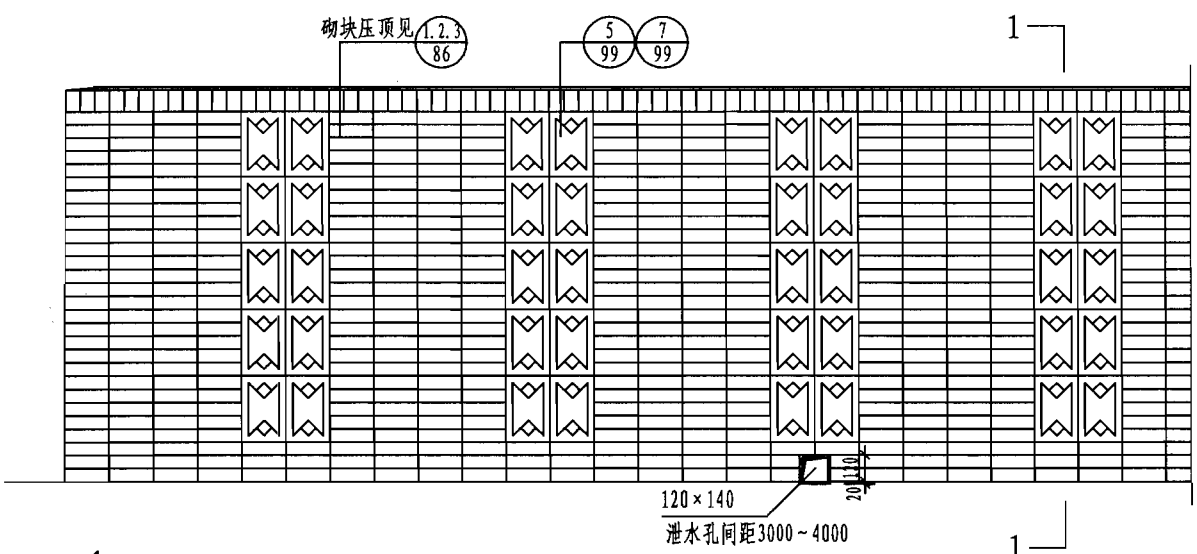
砌块围墙见77页说明。



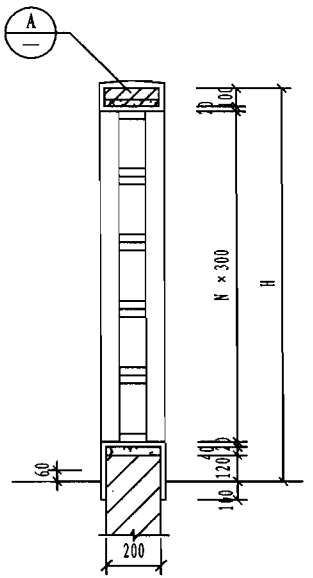


预制混凝土压顶板

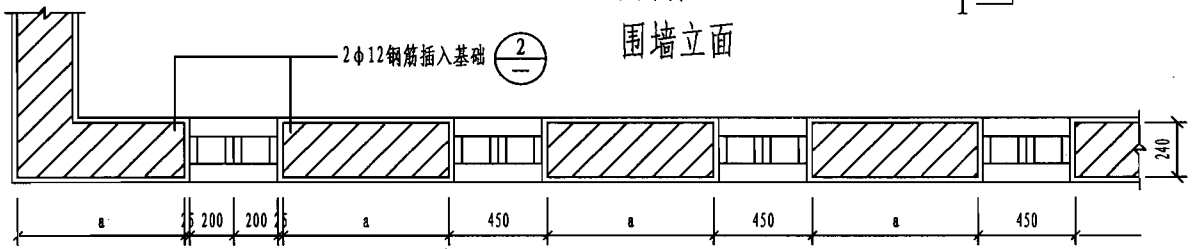
砖围墙（一）	图集号	苏J08-2006
	页次	75



围墙立面



1-1



围墙平面

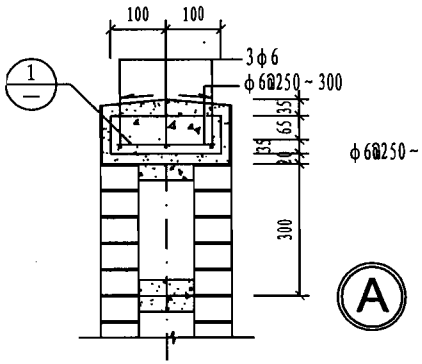
选用表

编号	H	a	砂浆标号
①	1800	750	M5.0
②	2100	750	M5.0
③	2400	950	M7.5

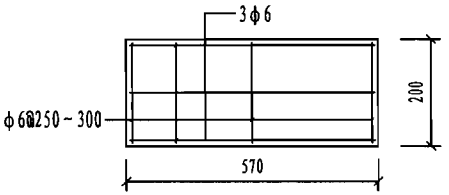
注：

饰面为墙面砖，颜色由设计人定。混凝土花格联结详93页A、B。

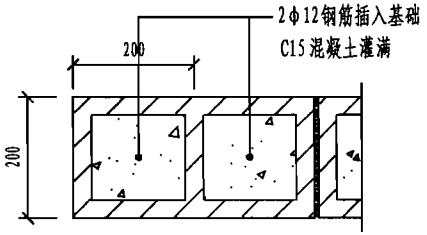
围墙基础根据材料选用见85 86页。



A

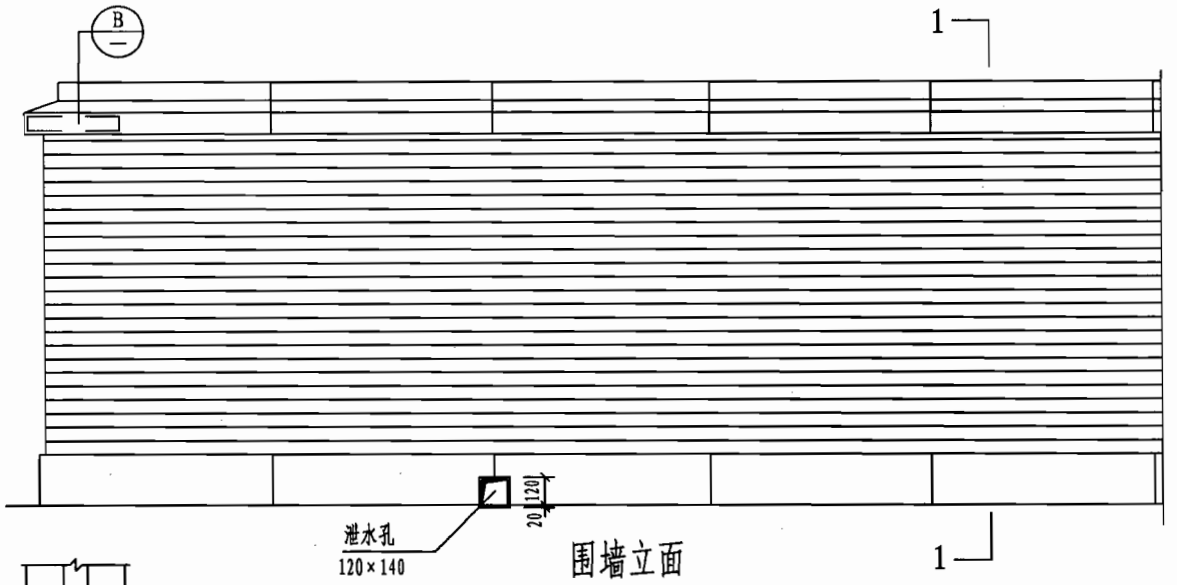


① (厚35)

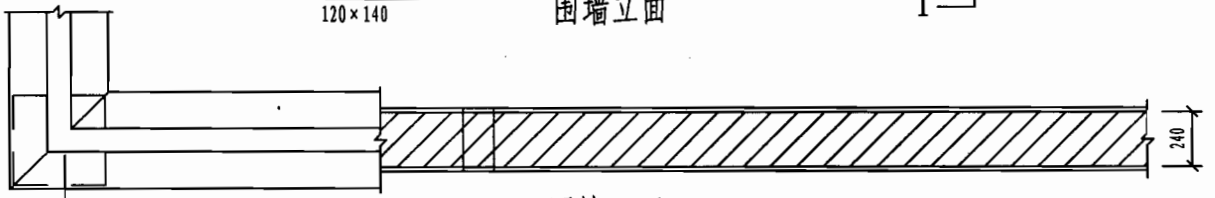


② 砌块砖墩平剖面

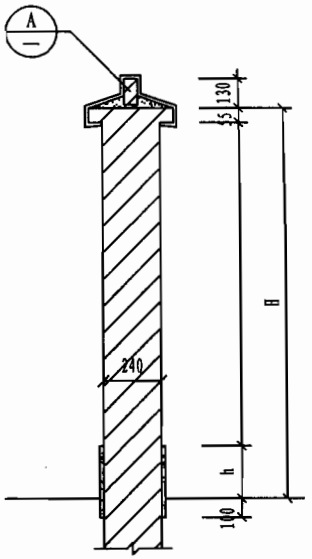
砖围墙(二)	图集号	苏J08-2006
	页次	76



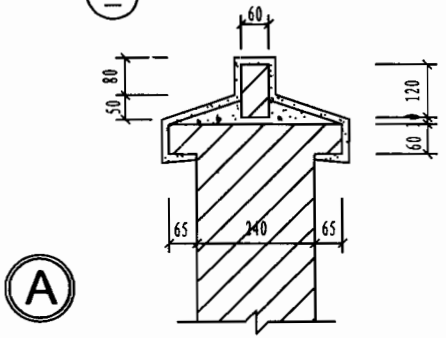
围墙立面



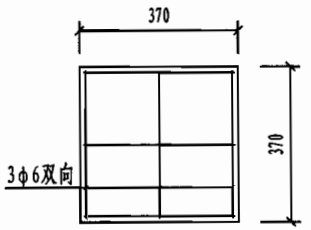
围墙平面



1-1



A



B (厚55)

选用表

编号	H	h	砂浆标号
①	1800	240	M5.0
②	2100	300	M5.0
③	2400	300	M7.5

注：

勒脚及墙顶为水泥砂浆粉刷，分格缝@1000～1500；墙身为清水墙。改混水墙时为混合砂浆粉刷，分格@2000～3000。如加刷涂料及色彩由设计人定。

围墙基础根据材料选用见85 86页。

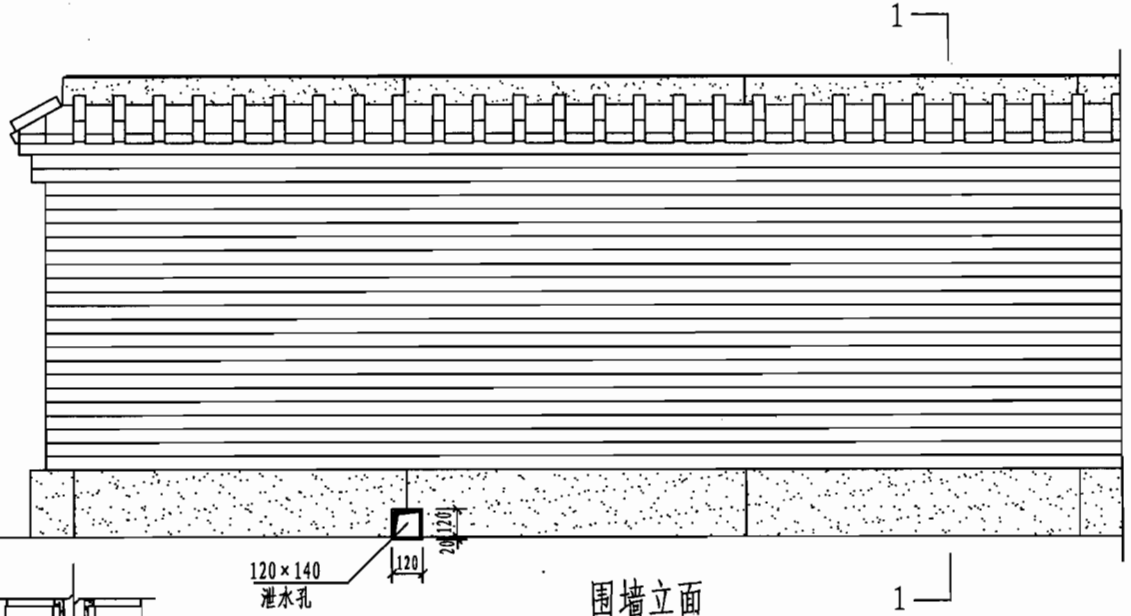
砌块围墙每隔3000～4000设一砖垛或设一构造柱。砌块砖垛内每孔插一根φ12钢筋，灌C15混凝土。

砌块围墙面饰横贴青色劈离砖规格：240×59

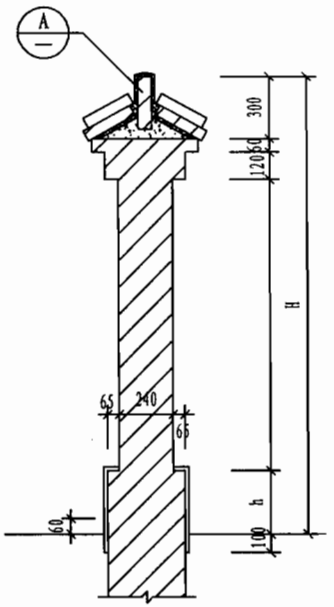
砖围墙（三）

图集号 苏J08-2006

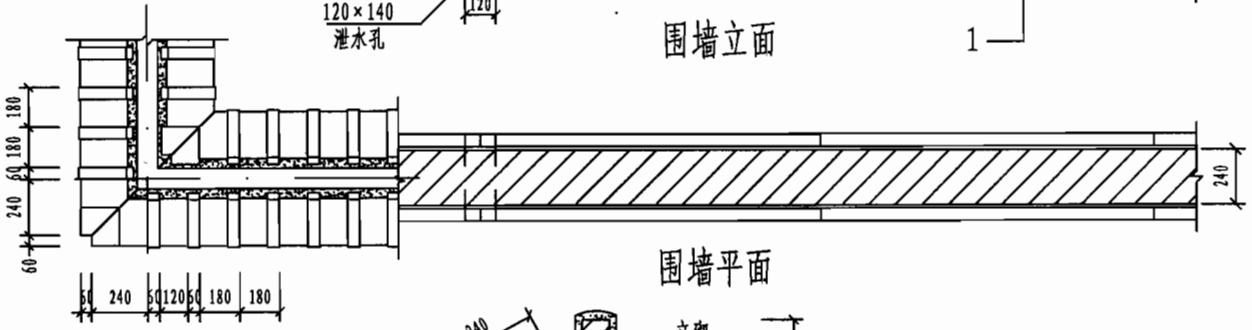
页 次 77



围墙立面



1-1



围墙平面

选用表

编号	H	h	砂浆标号
①	2400	300	M7.5
②	2700	360	M7.5

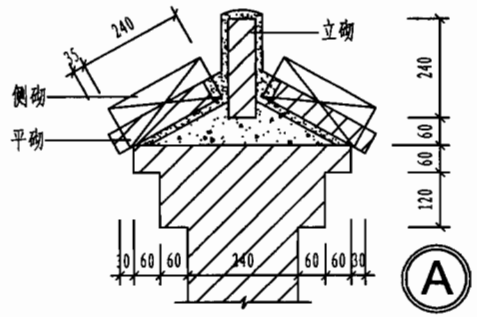
注：

勒脚及顶脊为水泥砂浆粉刷，分格@1000～1500。

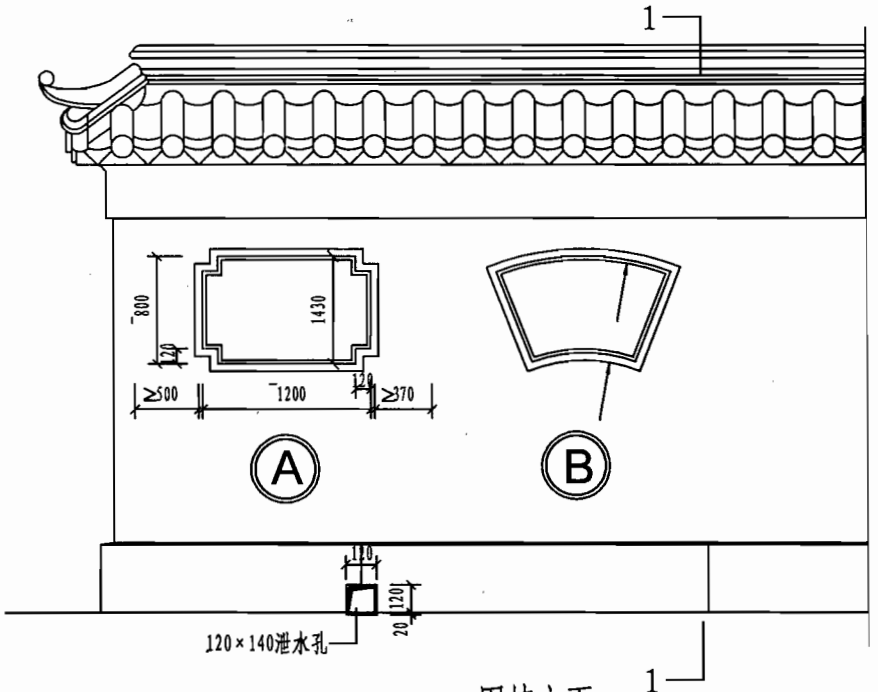
1:3水泥砂浆砌顶部砖并加浆勾缝。

围墙基础根据材料选用见85 86页。

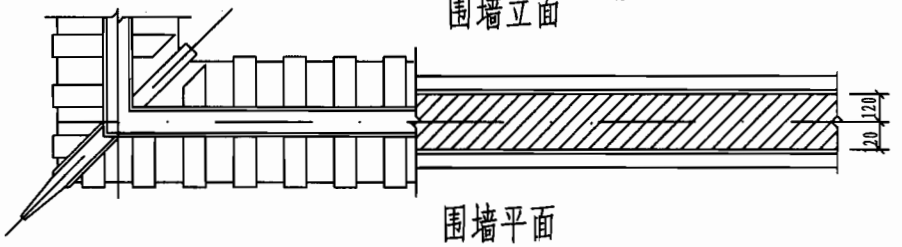
砌块围墙见77页说明。



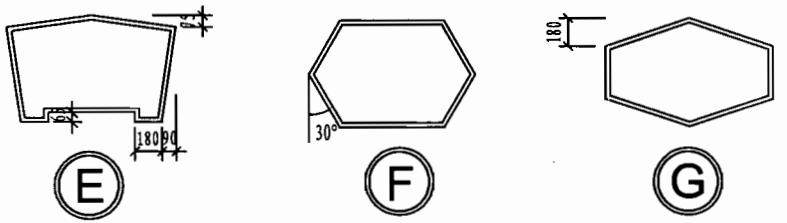
砖围墙（四）	图集号	苏J08-2006
	页次	78

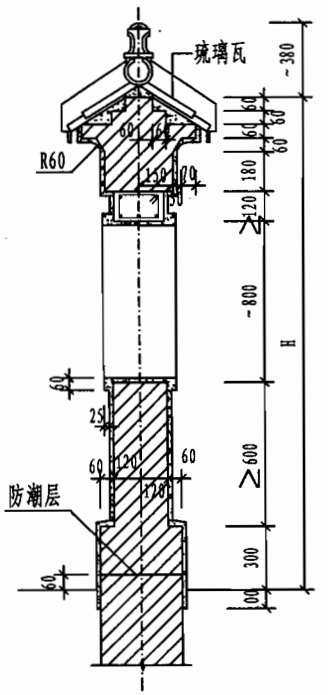


围墙立面

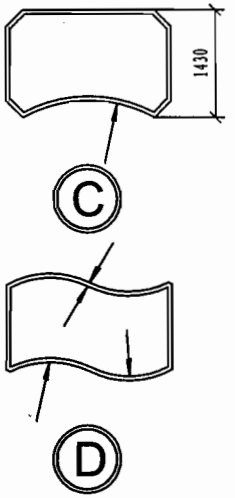


围墙平面





1-1



选用表

编号	H
①	2400
②	2700

注：

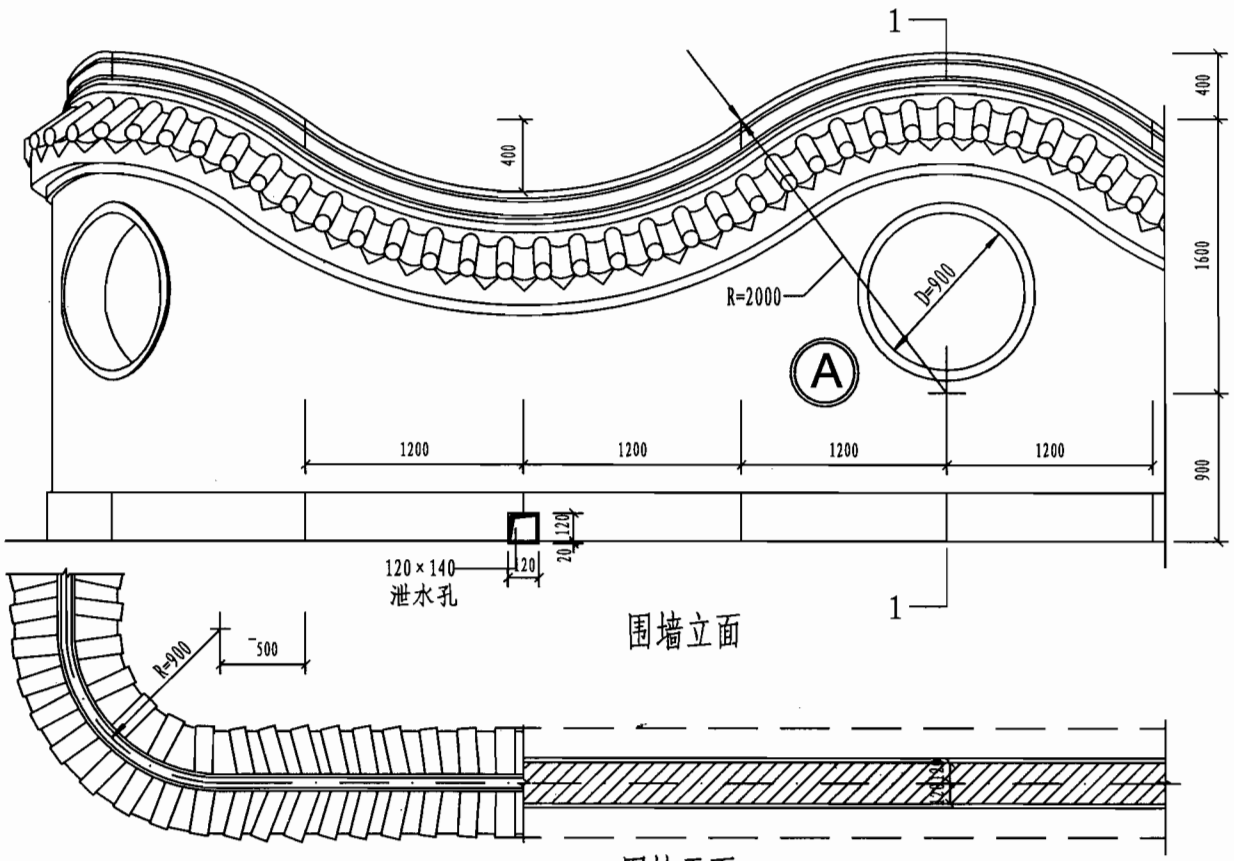
本围墙什锦窗可任选若干种循环使用。墙内构造柱由设计人定。围墙砌筑砂浆为M5.0混合砂浆。琥璃瓦宜用小号尺寸(八样或九样)水泥石灰麻刀砂浆铺砌。琥璃颜色、围墙饰面及色彩由设计人定。窗过梁宜为C15混凝土通长现浇，宽240，高≥120，配4φ10+φ4@200。

围墙基础根据材料选用见85 86页。

砌块围墙见77页说明。

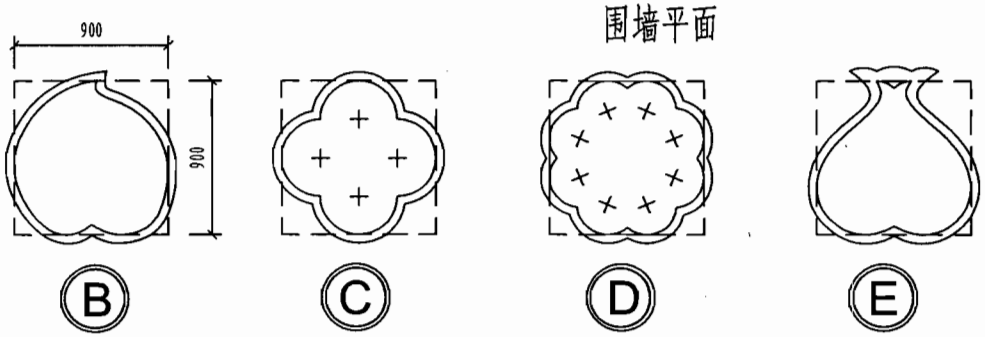
砖围墙(五)

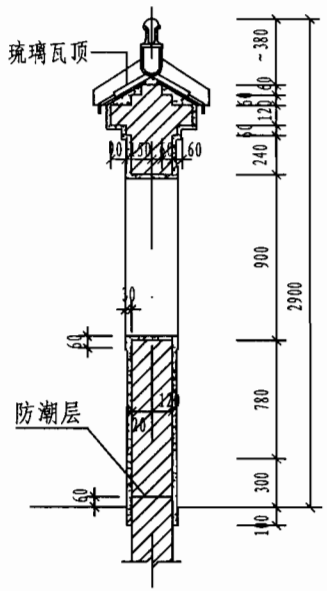
图集号	苏J08-2006
页 次	79



围墙立面

围墙平面





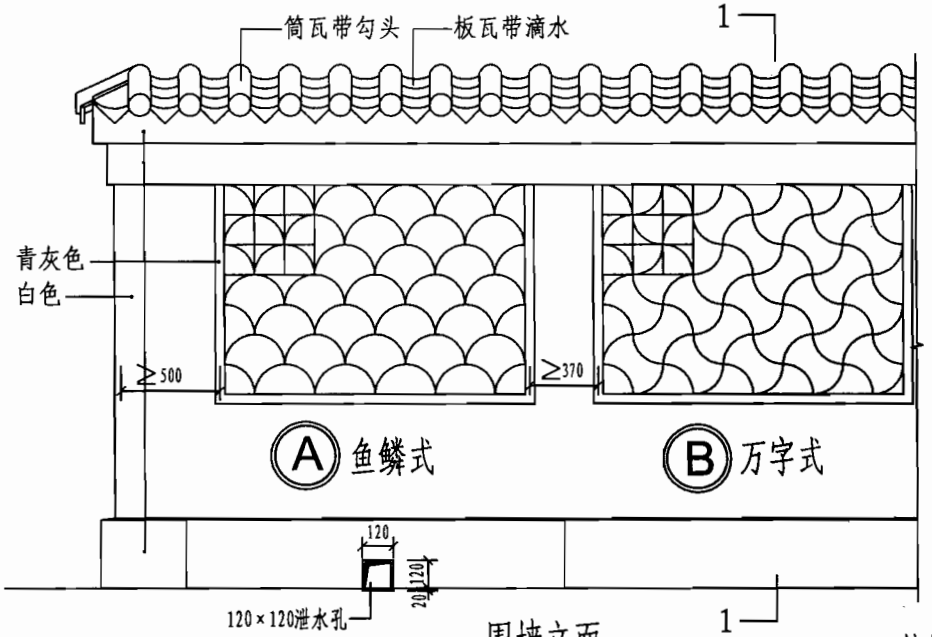
注：

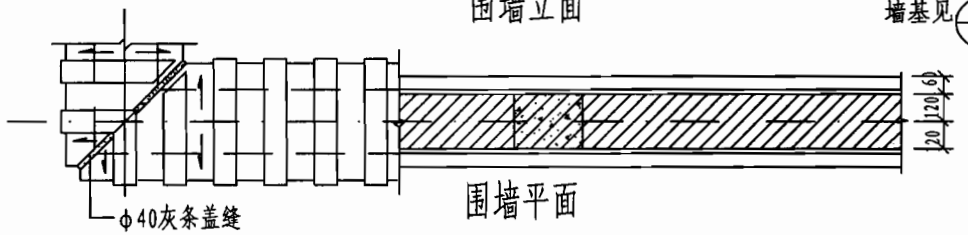
本围墙洞窗五种，可任选一种或若干种重复或循环使用。也可不留。琉璃瓦宜用小号尺寸（八样或九样），也可采用10号或3号筒板瓦。琉璃瓦颜色及围墙饰面和色彩等均由设计人定。围墙用M2.5混合砂浆，（砖拱M5）瓦顶用水泥石灰麻刀砂浆砌。

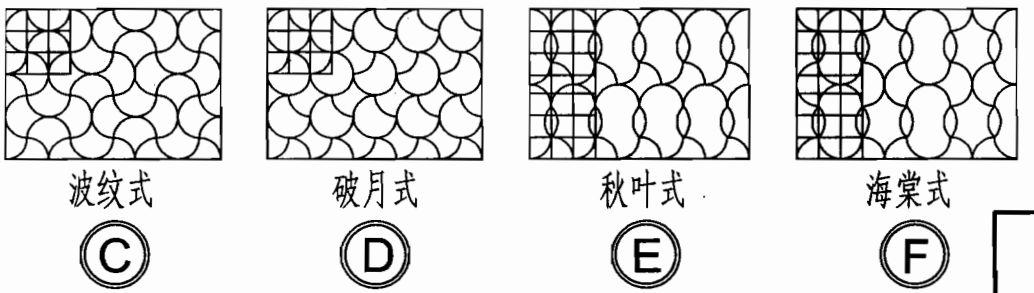
围墙基础根据材料选用见85 86页。

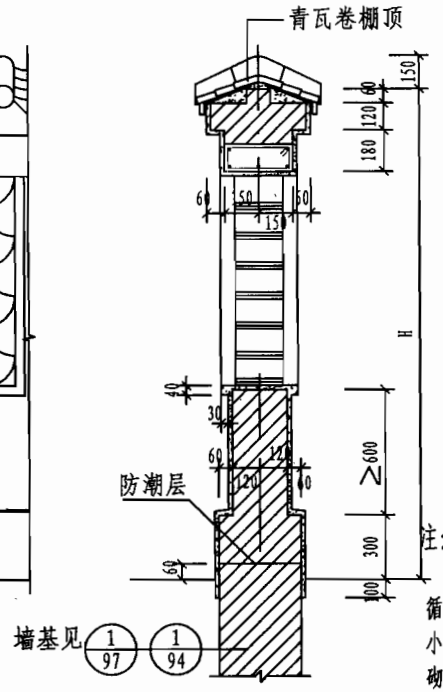
砌块围墙见77页说明。

砖围墙（六）	图集号	苏J08-2006
	页 次	80









选用表

编号	H
①	2400
②	2700

注：

本围墙瓦格漏窗可任选一至六种重复或循环使用。围墙砌筑砂浆为M5混合砂浆。小青瓦及瓦格漏窗用水泥石灰麻刀砂浆铺砌。小青瓦宜用较小的10号或3号筒板瓦，漏窗均用1/4圆弧的板瓦砌就。窗口尺寸其抹灰后的净尺寸应与板瓦宽度配合。本图六种花样的方格网单位尺寸，当采用10号板瓦时约为95×95，3号板瓦时约为145×145。窗过梁为C20混凝土预制，横截面300×120（宽×高），配5φ8+φ4@200。（Lc≤1800）。过梁支座长度≮180。

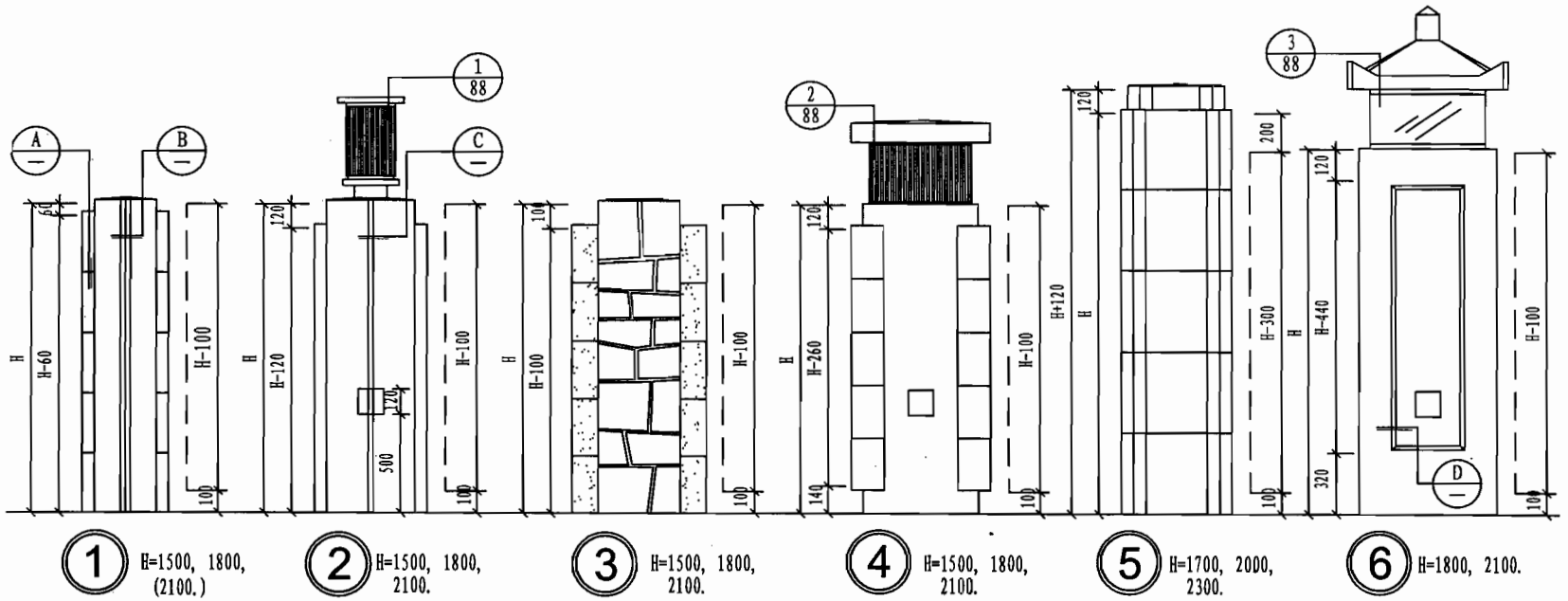
围墙的基础及构造柱详单体设计。

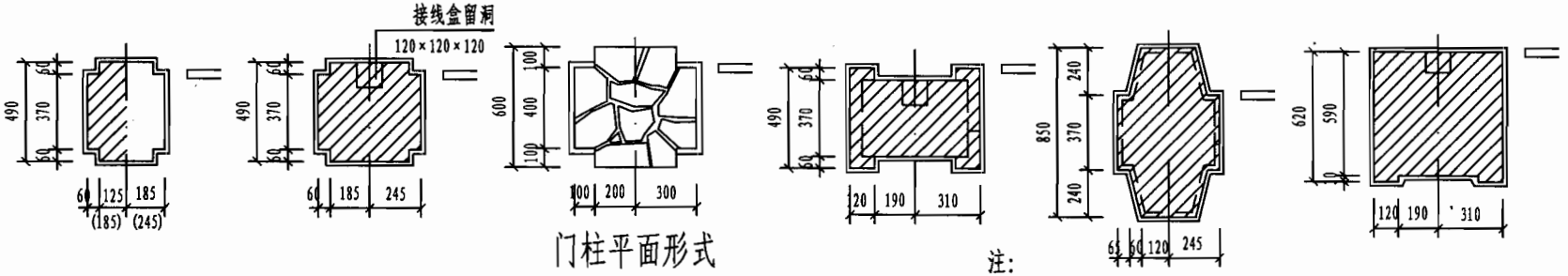
围墙基础根据材料选用见85 86页。

砌块围墙见77页说明。

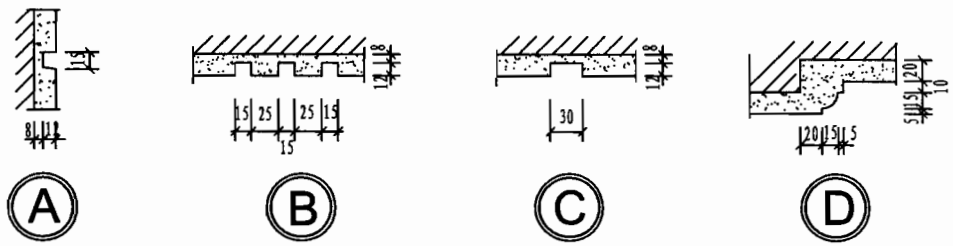
砖围墙（七）

图集号	苏J08-2006
页 次	81





门柱平面形式



注：

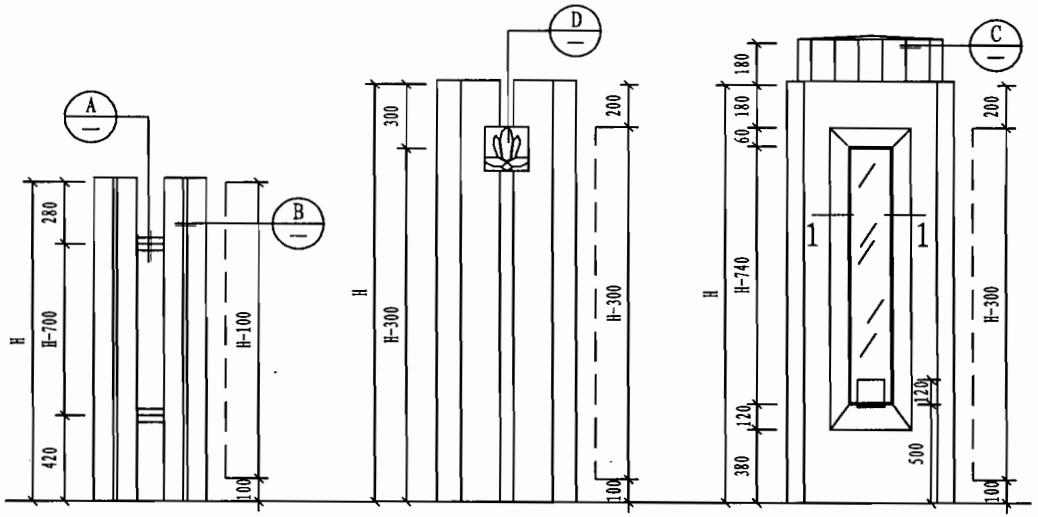
1、砖砌体用M2.5混合砂浆，毛石砌体用M5水泥砂浆，并1:3水泥砂浆勾凸缝。

2、1~4号门柱也可用于高门柱时，H加200，如5号门柱。

3、门柱施工应配合所选大门和铁栅围墙预埋铁件。有门灯时尚须预埋电线管、接线盒.本图仅示出接线盒留洞位置和大小。

4、饰面做法及色彩由设计人定。门柱基础自85页选定。

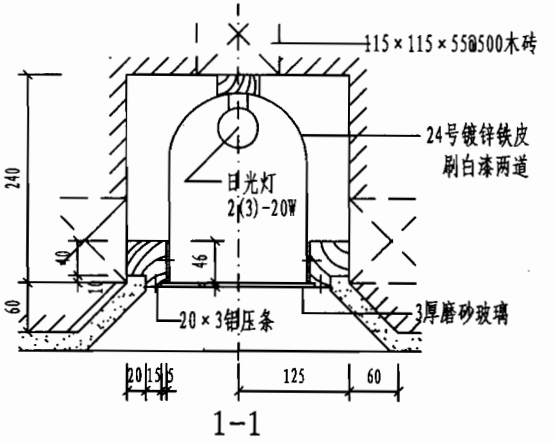
围墙门柱(一)	图集号	苏J08-2006
	页 次	82



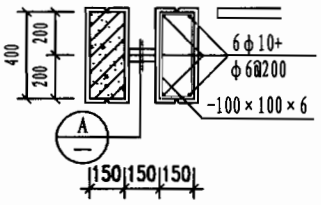
1 H=1500, 1800, 2100.

2 H=2000, 2300.

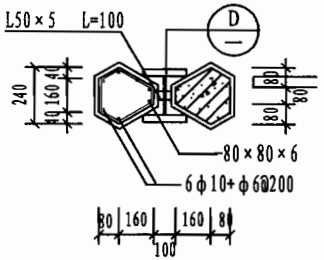
3 H=2000, 2300.



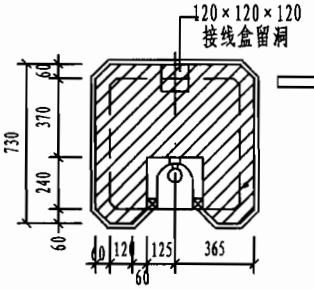
1-1



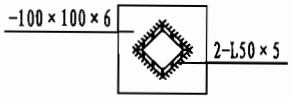
门柱平面



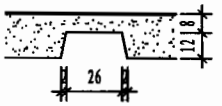
门柱平面



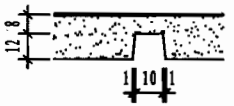
门柱平面



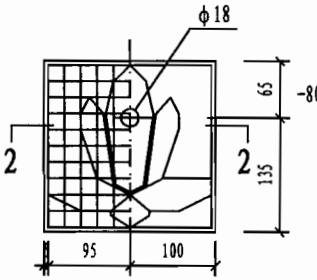
A



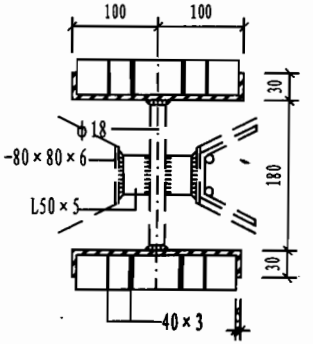
B



C



D



2-2

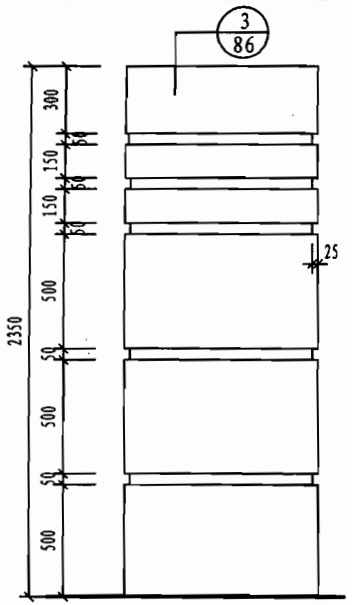
注：

1、砖砌体用M2.5混合砂浆，钢筋混凝土门柱用C20混凝土预制.

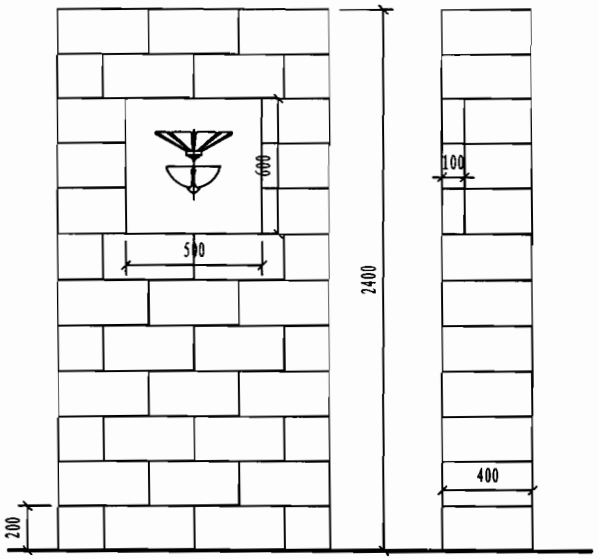
2、门柱施工须配合所选大门和铁栅围墙预埋铁件．有门灯时，尚须预埋电线管和接线盒.

3、饰面做法及色彩由设计人定．门柱基础自85页选定.

围墙门柱(二)	图集号	苏J08-2006
	页　次	83

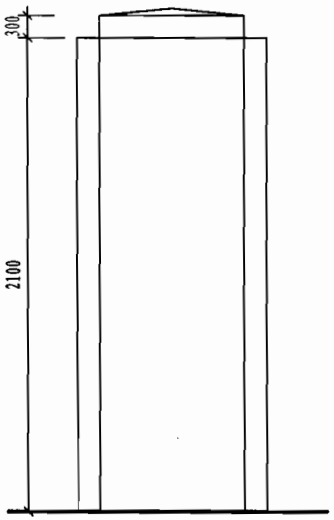


① 块材墙立面

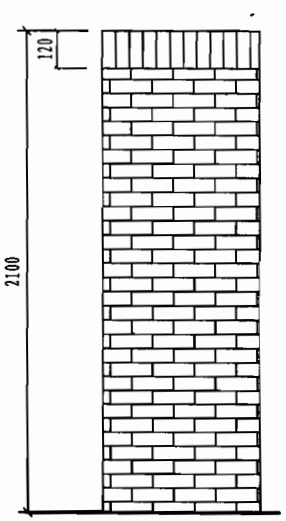


② 粉刷墙立面

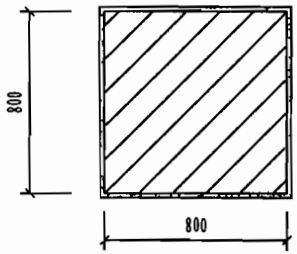
粉刷墙侧立面



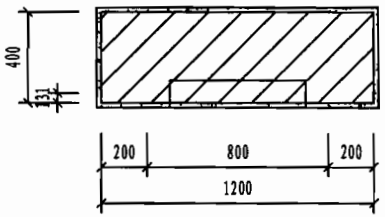
③ 粉刷墙立面



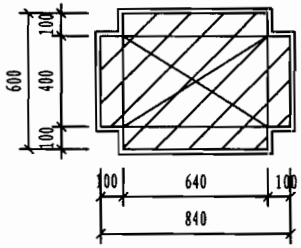
④ 块材墙立面



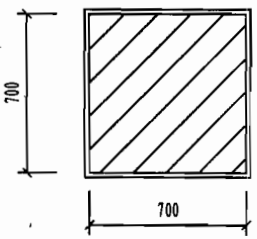
门柱平面



门柱平面



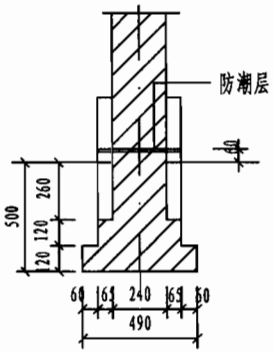
门柱平面



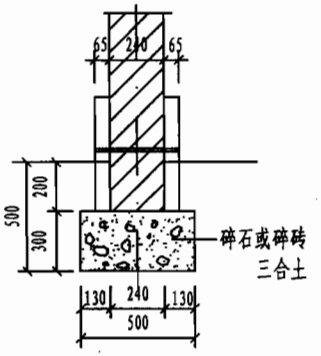
门柱平面

注：1. 砌块门柱的砌块类型由设计人员定.
2. 门柱施工时应配合选用大门图予埋铁件.
3. 外饰面涂料或面砖 块材及颜色.做法由设计人员定.
4. 饰面做法及色彩由设计人定. 门柱基础自86页选定.

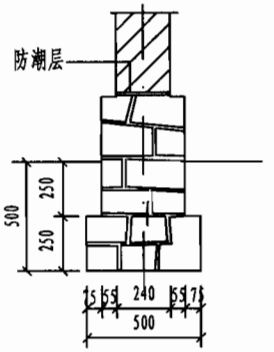
混凝土砌块门柱	图集号	苏J08-2006
	页 次	84



①

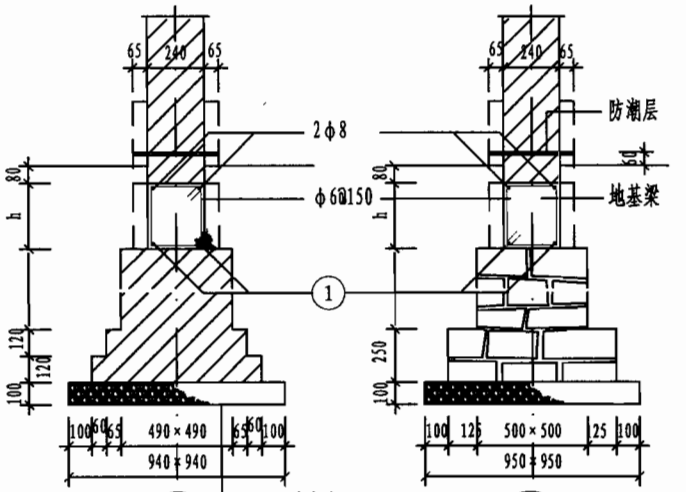


②



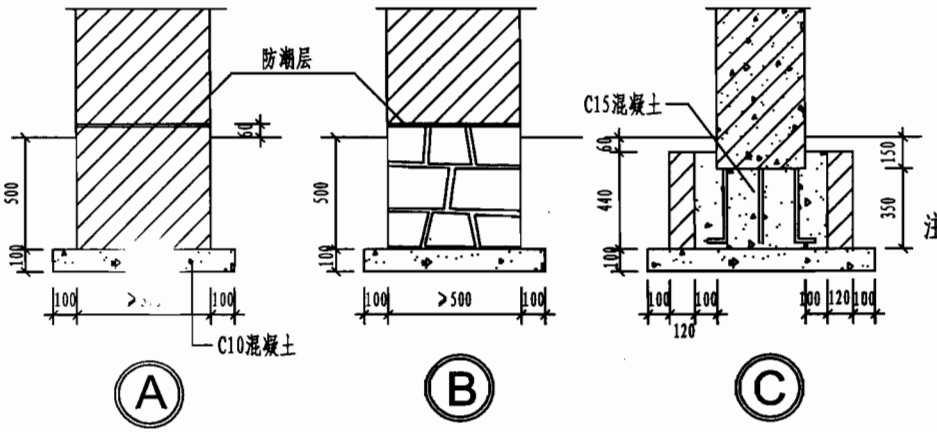
③

（一）围墙基础



④ ⑤

（三）围墙柱独立基础

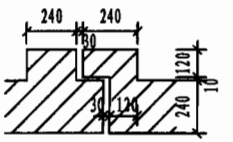


Ⓐ Ⓑ Ⓒ

（二）门柱基础

地梁选用表

基础中距	3000	3600	4200
梁高 h	250	300	300
主筋 ①	2φ10	2φ12	2φ14



Ⓐ 伸缩缝砌法

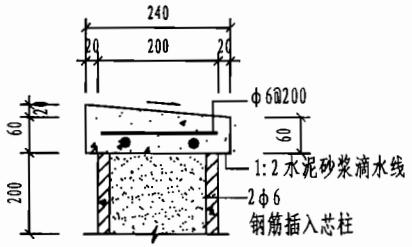
注：

1、本基础地基为一般性粘土，标准承载力＞80 kN/m.否则应做人工地基如1:3:6石灰砂 碎石或碎砖三合土,或因挖除软弱土层、加大基深为不经济时（如埋深大于1200时）宜采用（三）独立基础架地基梁做法.

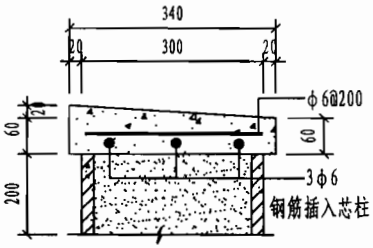
2、本基础砌筑砂浆M5水泥砂浆. 地基梁C20混凝土预制.

3、砖墙应设伸缩缝，砌法如Ⓐ间距≤75m.

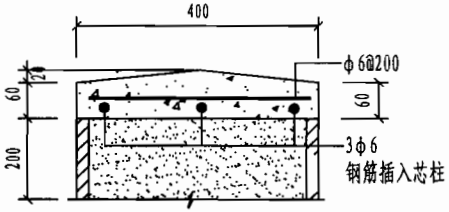
围墙、门柱基础	图集号	苏J08-2006
	页 次	85



1

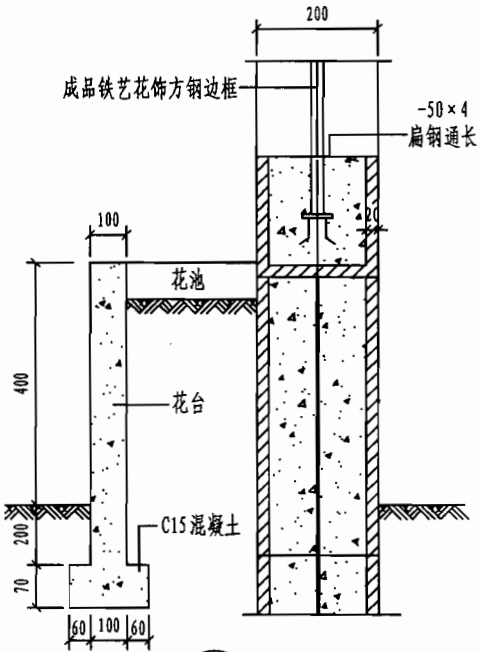


2 墙垛处

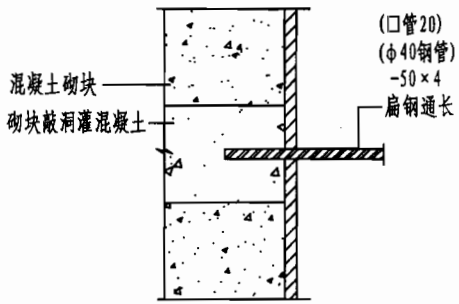


3 门 垛

6



4



水平栏杆与砌块墙体连接面

5

混凝土砌块围墙节点详图

图集号	苏J08-2006
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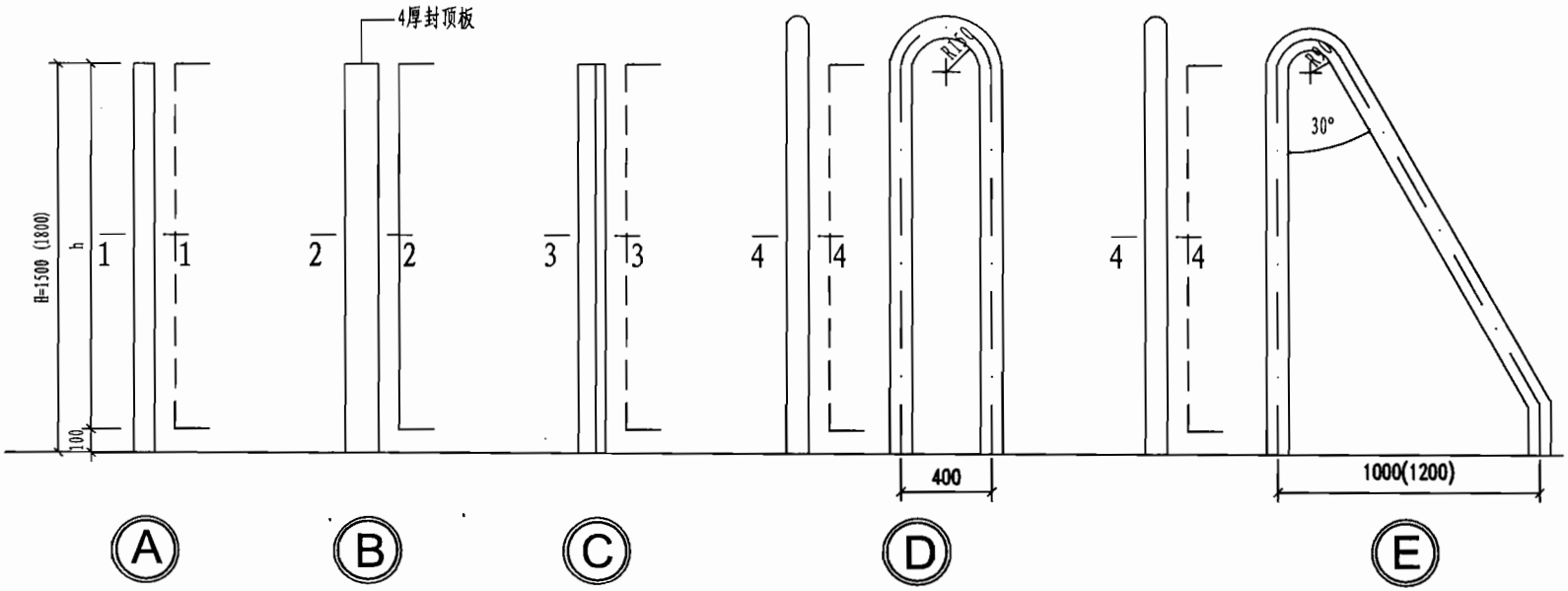
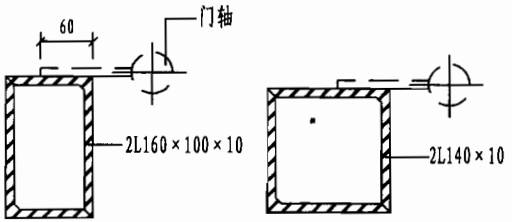
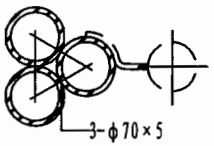


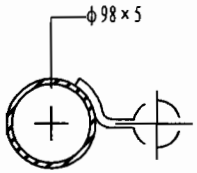


1-1

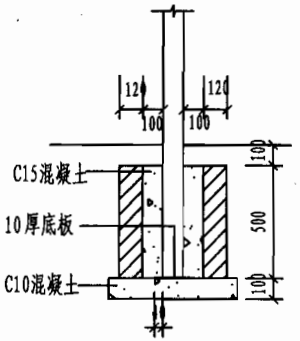
2-2



3-3



4-4



钢门柱基础

钢 门 柱	图集号	苏J08-2006
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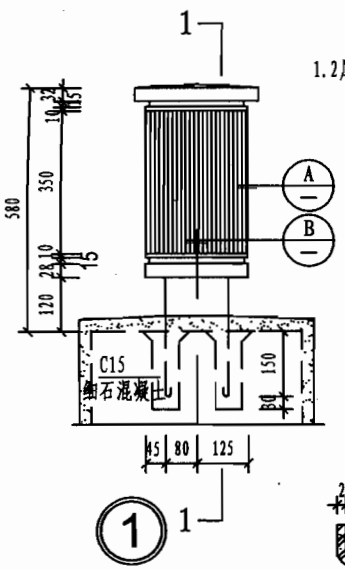

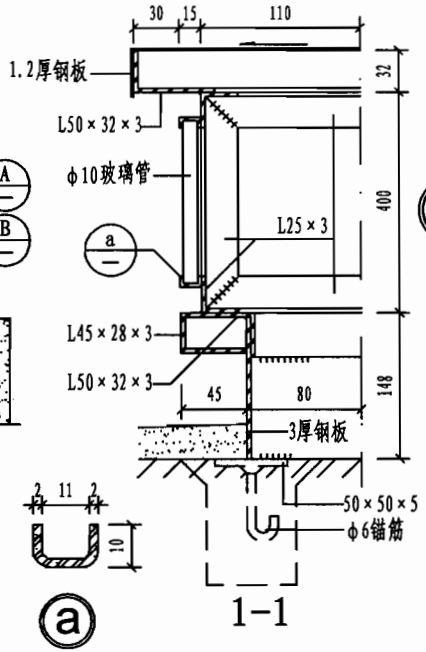

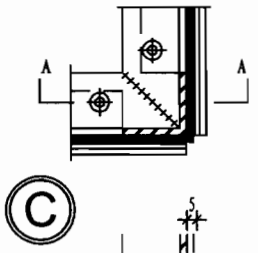

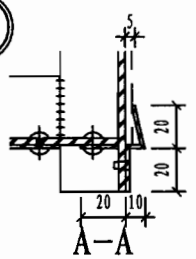

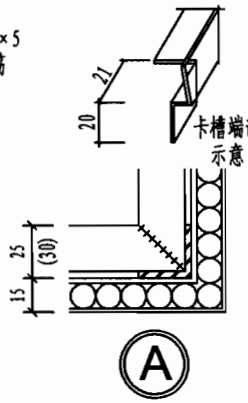

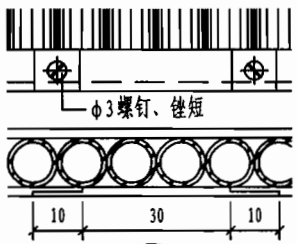

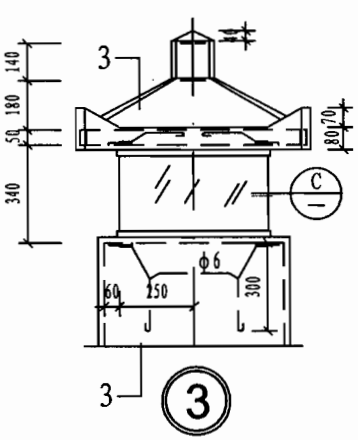

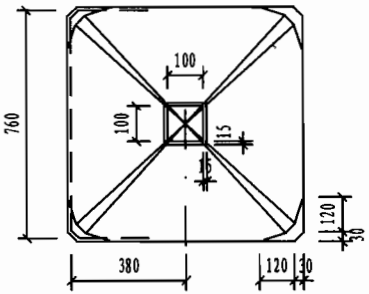

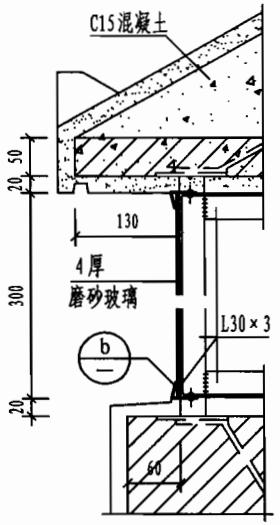

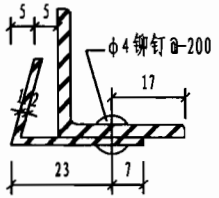

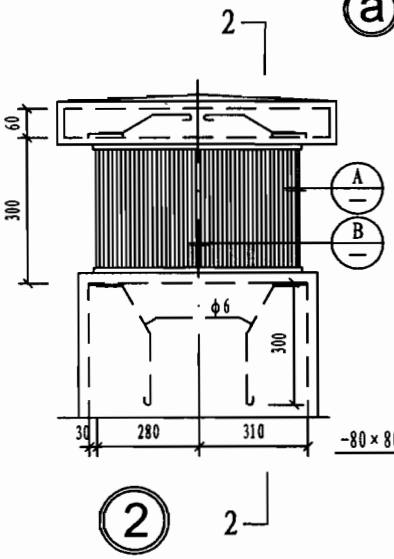

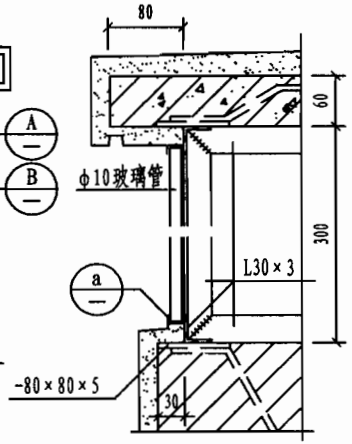

注：

1、本图三种门灯外罩玻璃管或磨砂玻璃，两者可互换，由设计人定。

2、门柱灯角钢架面漆和其它内表面均为白色，外表面油漆或粉刷和颜色由设计人定。

3、2号和3号门柱灯的混凝土顶板为C20细石混凝土预制，中配φ6@≤200双向钢筋网，另须于四角的角钢架位置预埋5厚钢板，中央预埋安装灯座园木台的木砖，角钢架露明的对接平接焊缝应采用剖口焊并打磨平整。

门柱灯	图集号	苏J08-2006
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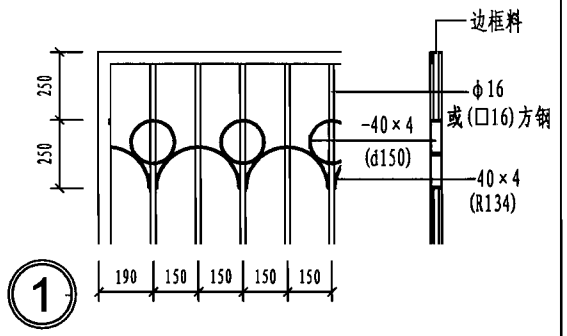

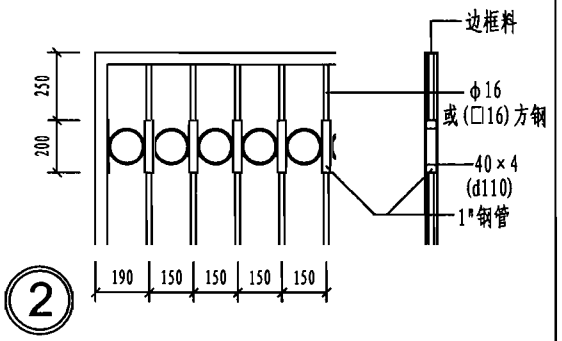

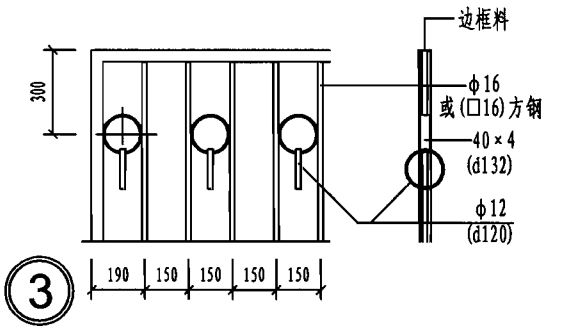

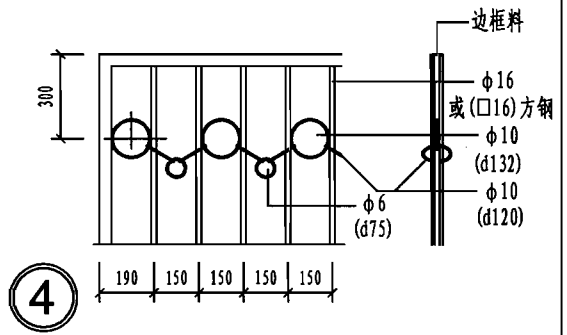

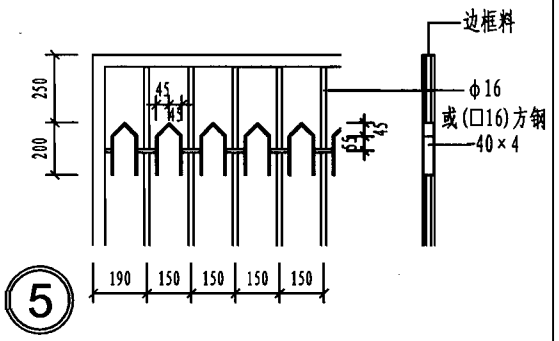

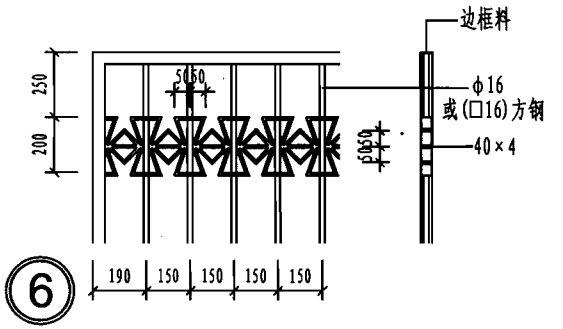

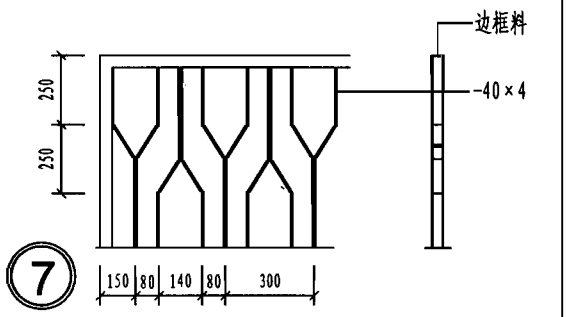

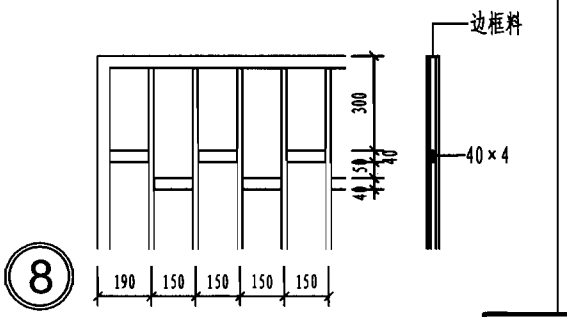

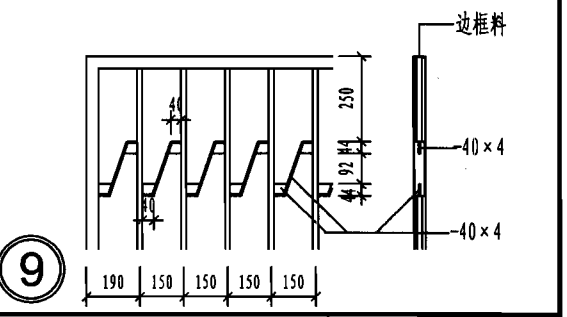

注：立杆采用φ16或(□16)方钢，边框料采用L50×5，2-L45×4或φ48×4钢管，由设计人确定。如无规定，缺省值为φ16和L50×5。
铁件联结均为焊接。边框宜转角平接且为剖口焊。立杆穿过扁钢花饰时，应在扁钢上打孔穿过。钢管门框用于高门柱时，
门轴一侧的变动详95页高门柱门轴（一）。

铁花饰

图集号	苏J08-2006
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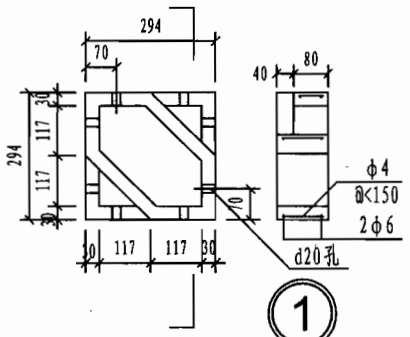
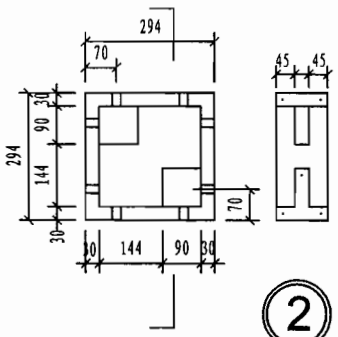


1



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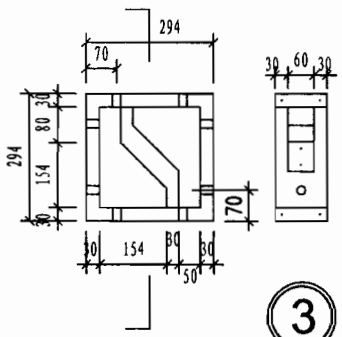
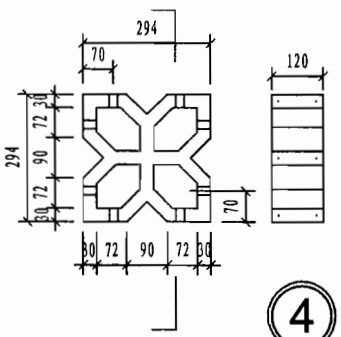
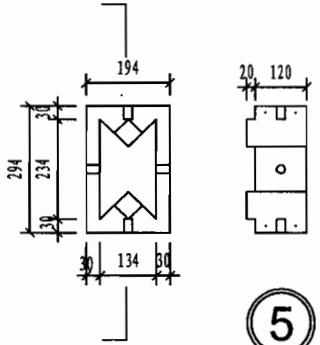


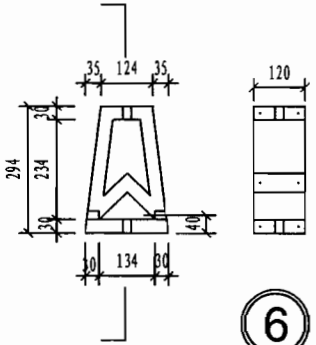
3



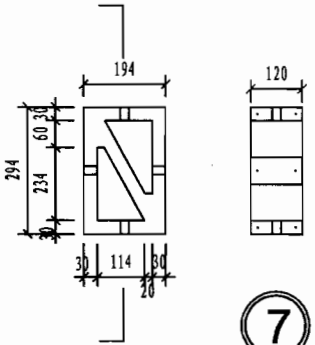
4



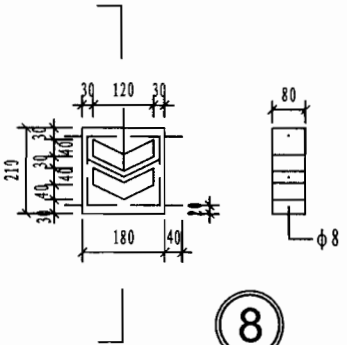
5



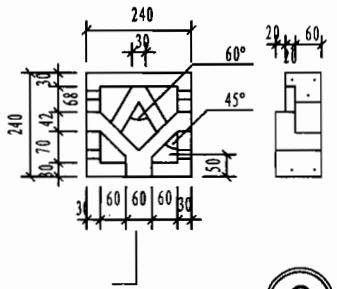
6



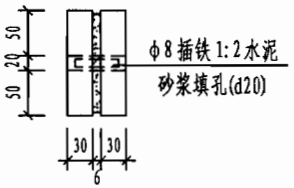
7



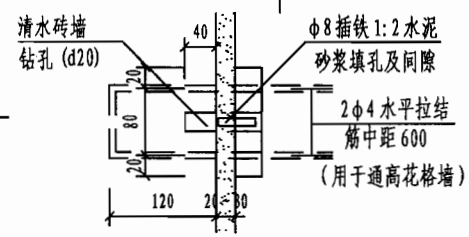
8



9



A



B

注：

混凝土预制花格均以1:3白水泥白石子，并宜采用焊接骨架、定型模板一次成活，安装后不再另作饰面。节点A示花格间的连接（上、下、左、右）节点B示与周边结构的连接。混水墙时应留有20 30厚的间隙，故可以1:3水泥砂浆固定出销短筋。仅在清水墙无抹灰间隙时，须以相应位置钻孔以销入短筋。

混凝土预制花格	图集号	苏J08-2006
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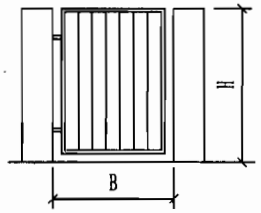
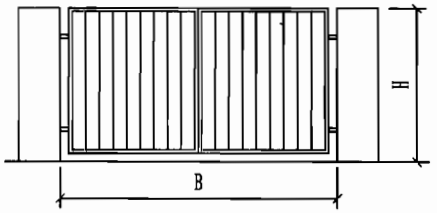
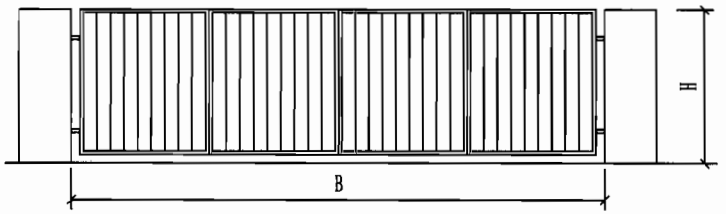


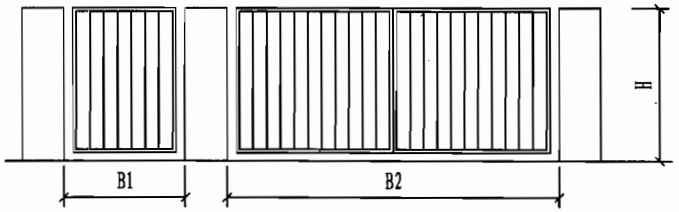
GDM1-B×H



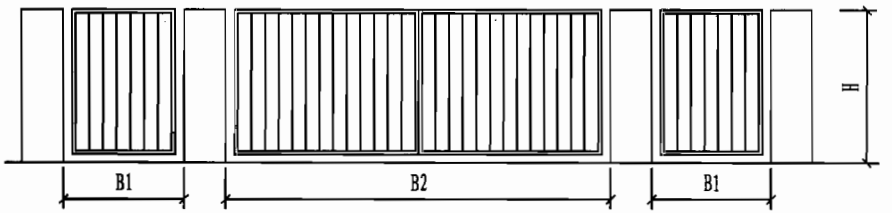
GDM2-B×H



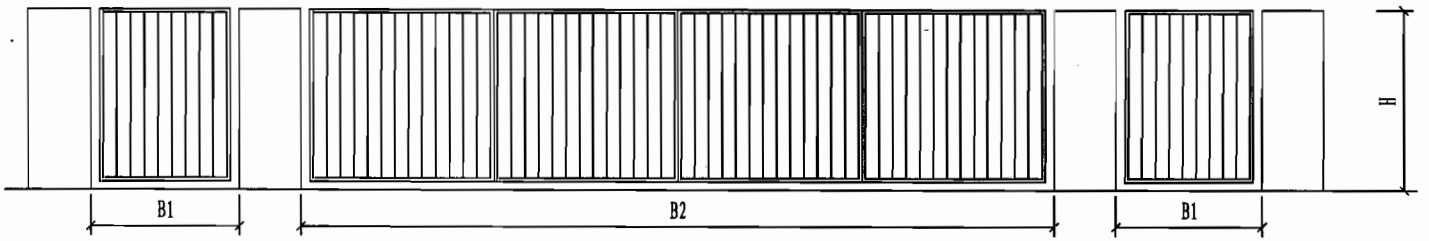
GDM3-B×H



GDM4-(B1+B2)×H



GDM5-(B1+B2)×H



GDM6-(B1+B2)×H

钢大门组合形式	图集号	苏J08-2006
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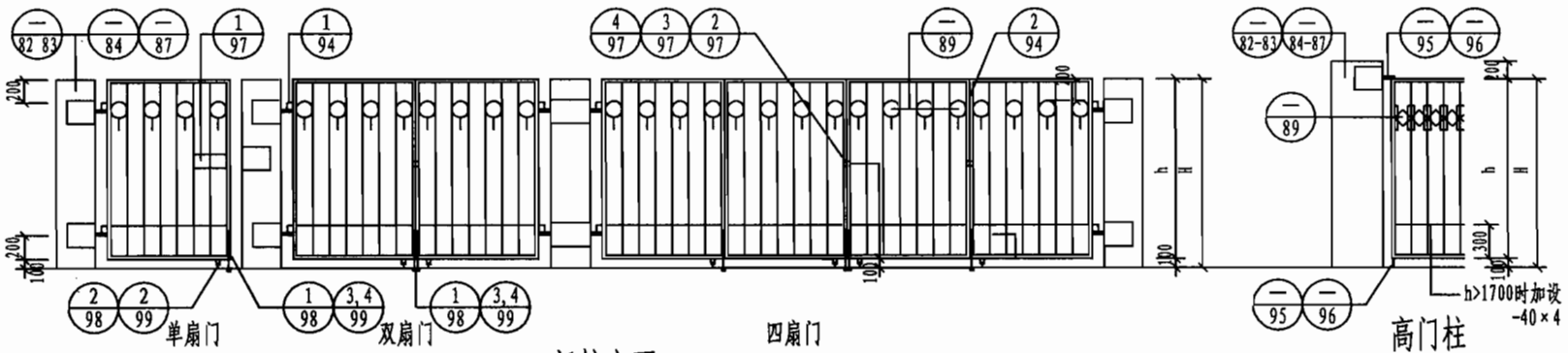
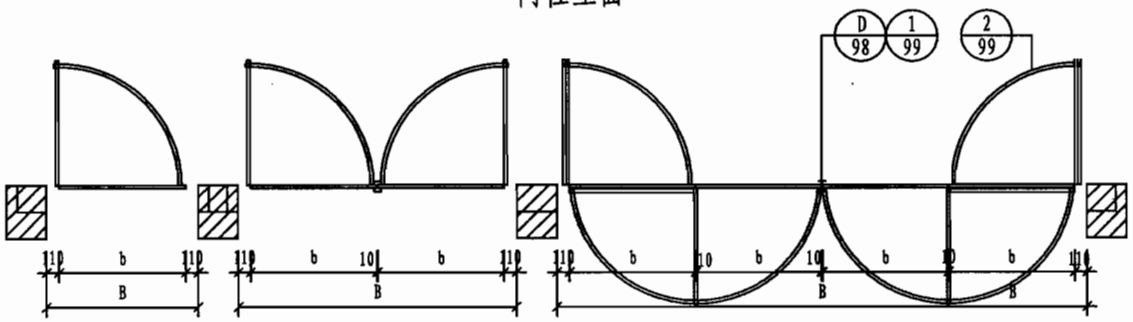
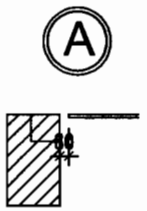


门柱立面



门柱平面



门柱平面大样

B/b 关系表 (h=H-100)

门墩距 B / 门扇宽度 b	单扇门		双扇门		四扇门	
	平门柱	高门柱	平门柱	高门柱	平门柱	高门柱
1130	1350	1290	2490	2430	4770	4710
1430	1650	1590	3090	3030	5970	5910
1730	1950	1890	3690	3630	7170	7110
2030	2250	2190	4290	4230	8370	8310

注:

1、门轴（门栓）预埋件须先埋入300×300×300（250×250×250）C20混凝土预制块中，然后砌入砖门柱设定位置内.

2、地轮活动半径内的地面不得有坡度. b=1130之门扇可不设地轮及眉铁.

3、索引方法:（示例）
大门采用苏J09-2007 91页GDM6-(1590+7110)×2100. 铁花6/89、立杆□16、框料2L_45×4、高门柱5/82、门轴-/96、地轮2/99、地插销4/99、门阻1/99、门栓1/97、锁鼻3/97

钢大门选用索引图表	图集号	苏J08-2006
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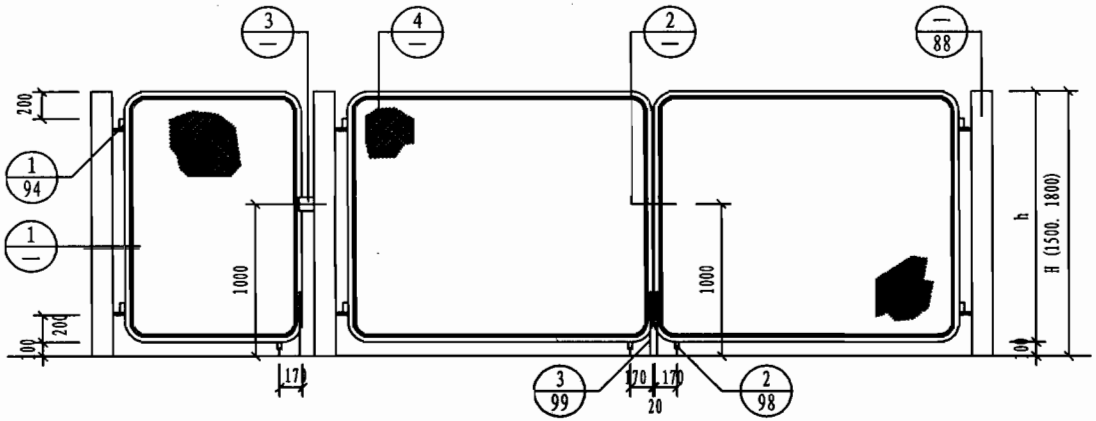
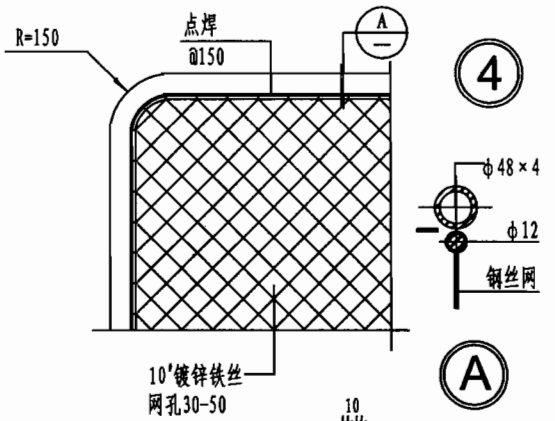
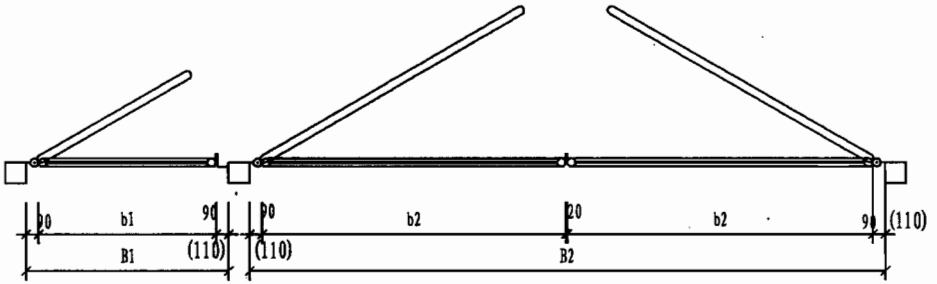
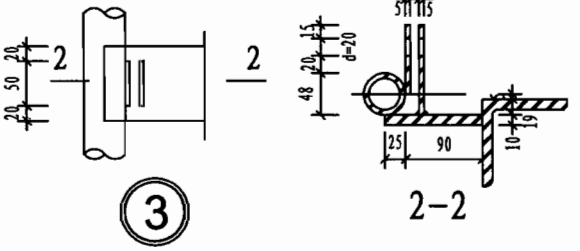








B/b 关系表 (h=H-100)

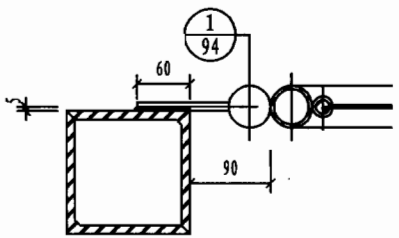
门柱净距B / 门扇宽度b	单扇门	双扇门
1200	1380 (1420)	2600 (2640)
1500	1680 (1720)	3200 (3240)
1800	1980 (2020)	3800 (3840)
2100		4400 (4440)

注：

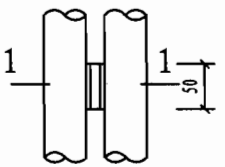
1、括号内数字示砖或砼门柱有饰面层时．其门轴、门栓等预埋件做法详92页注(1)．

2、地轮活动半径内地面不得有坡度．b=1200门扇可不做地轮及眉铁．

3、索引示例：
苏J09-2007 93页(1380+2600)×1800，钢门柱D/87．



1



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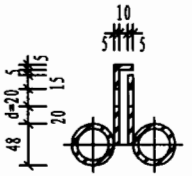
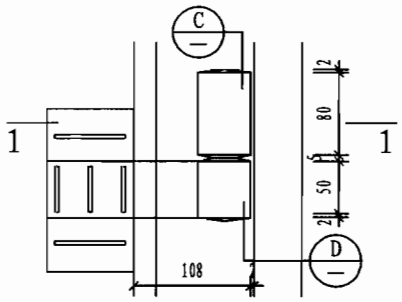


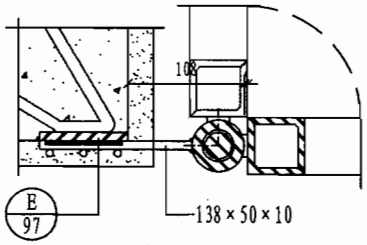
1-1

钢 丝 网 门

图集号	苏J08-2006
页 次	93

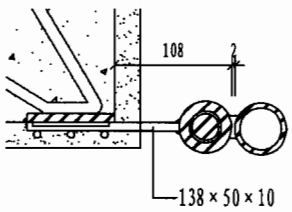


①



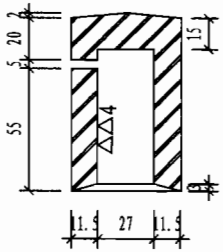
1–1

用于角钢或组合角钢边框门

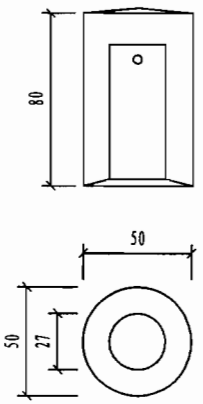


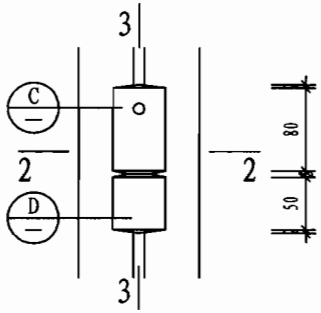
1–1

用于钢管边框门



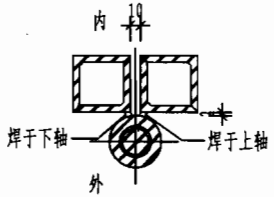
C



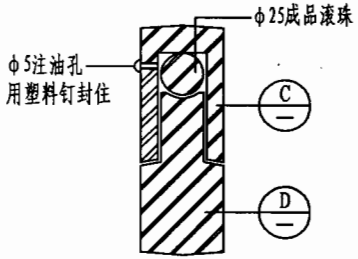


②

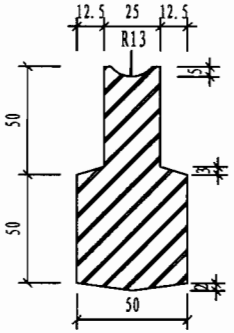
相联门轴

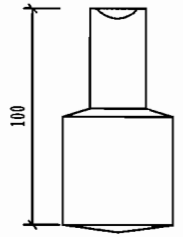


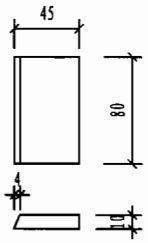
2–2



3–3







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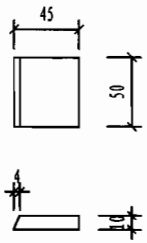
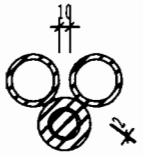


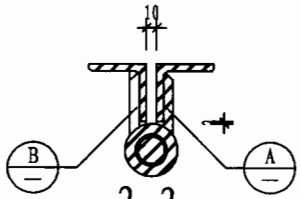
B

D



2–2

用于钢管门框

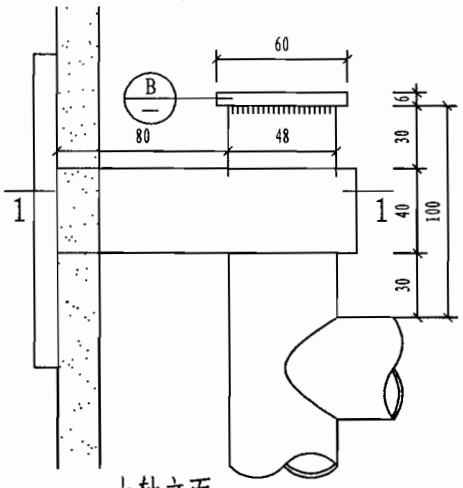


2–2

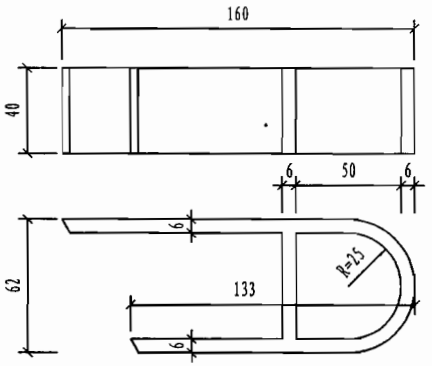
用于角钢或组合角钢（上）门框

注：轴心Ⓓ用45号钢加工。

门轴详图	图集号	苏J08-2006
	页次	94



上轴立面



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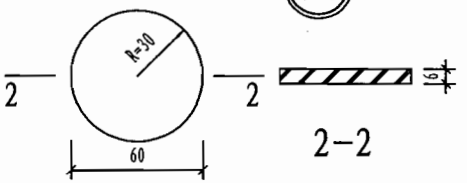

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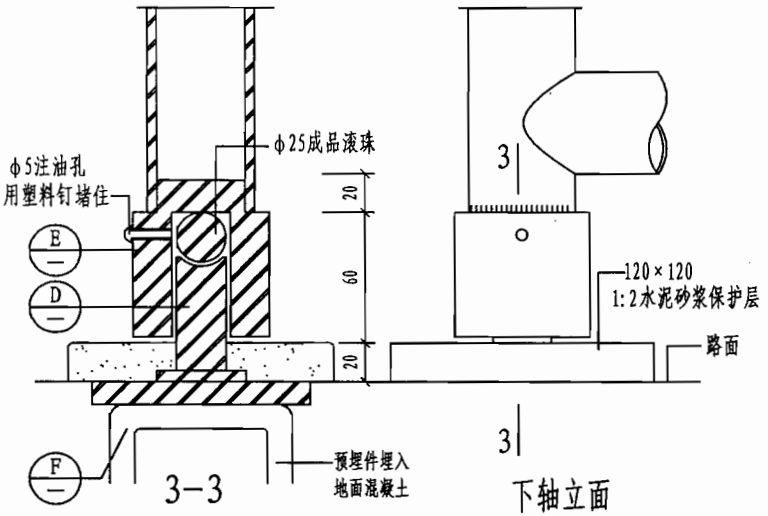
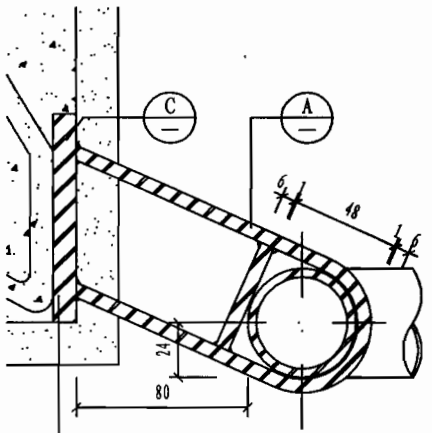


3-3

下轴立面



1-1

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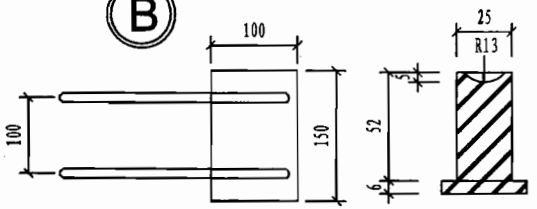

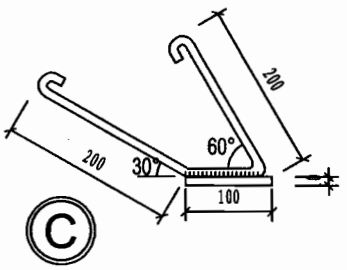

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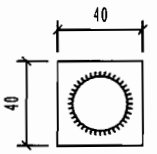

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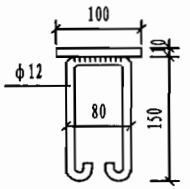

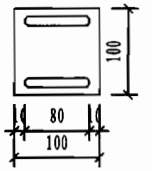

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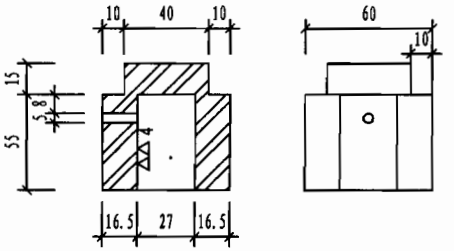
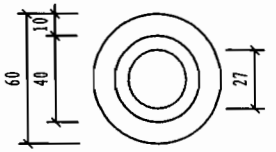
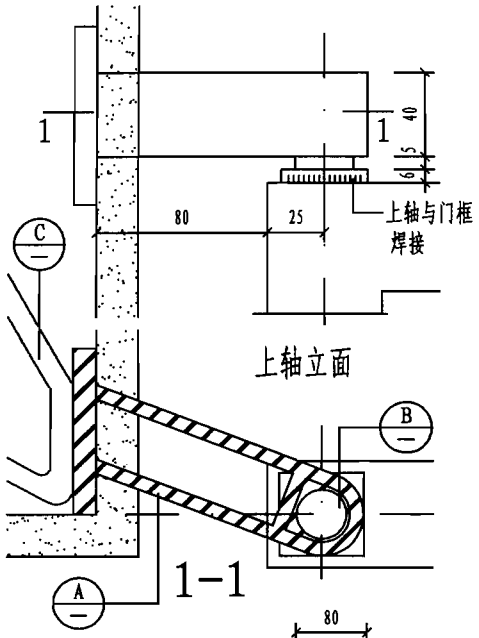


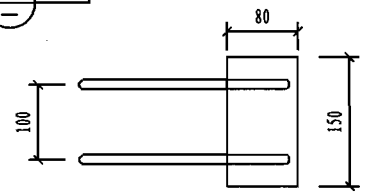


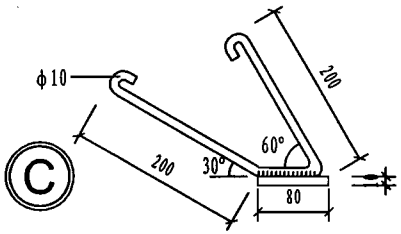
E

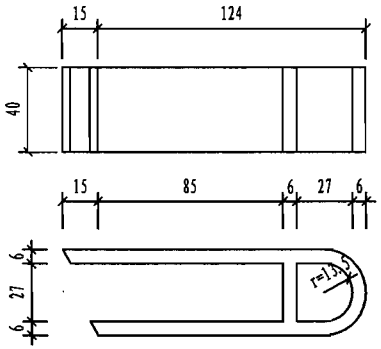
注：本门轴用于钢管门框且为高门柱时，轴心D用45号钢。

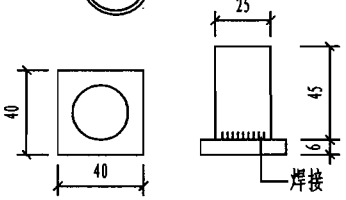
高门柱门轴(一)	图集号	苏J08-2006
	页 次	95

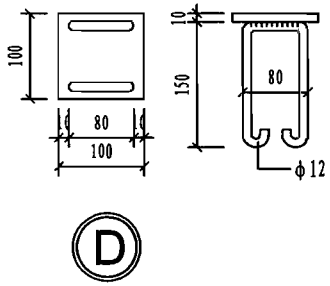


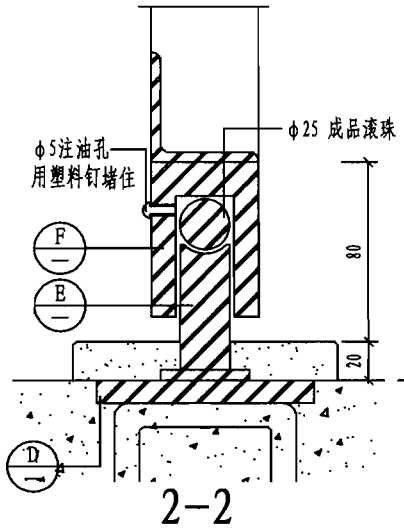


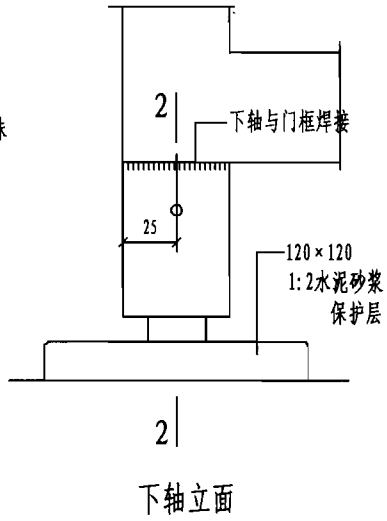


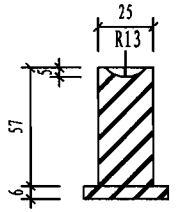


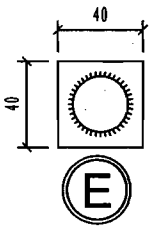


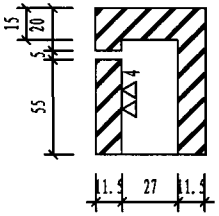


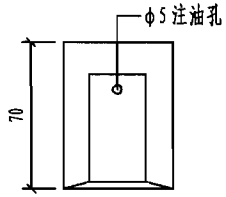


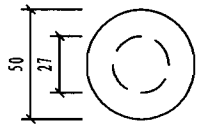






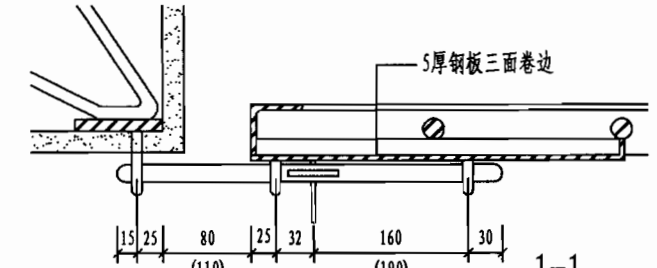




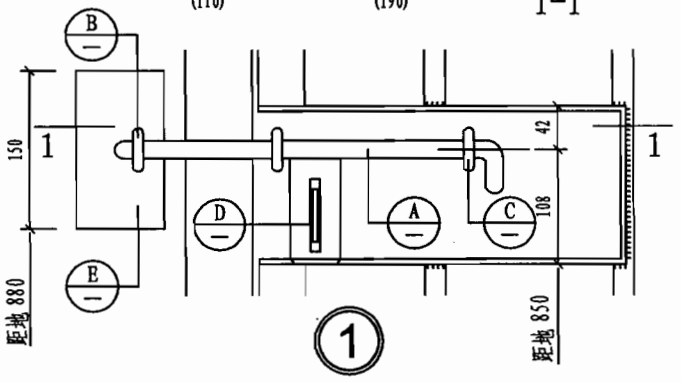


注：本门轴用于角钢或组合角钢门框且为高门柱时，轴心E用45号钢。

高门柱门轴(二)	图集号	苏J08-2006
	页　次	96



1-1



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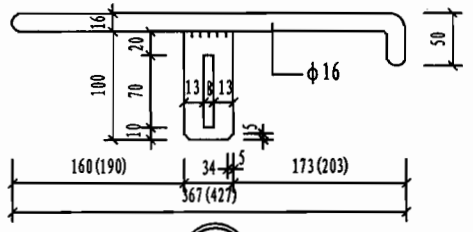
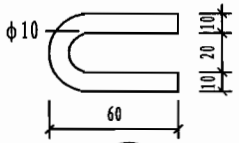
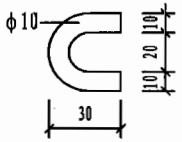


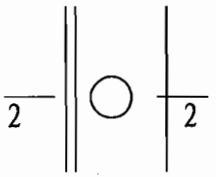
A

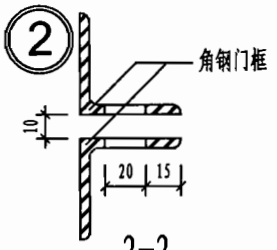


B

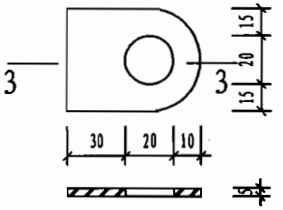


C

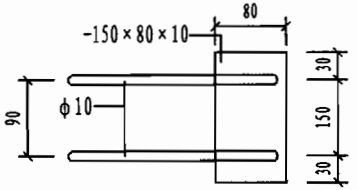


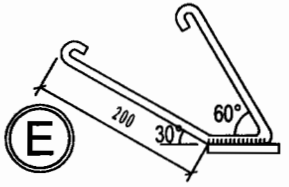


2 2-2

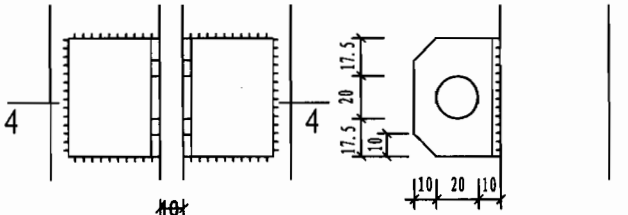


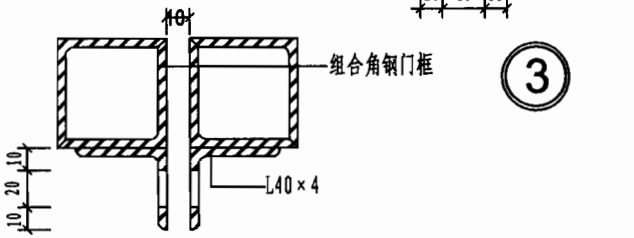
D 3-3



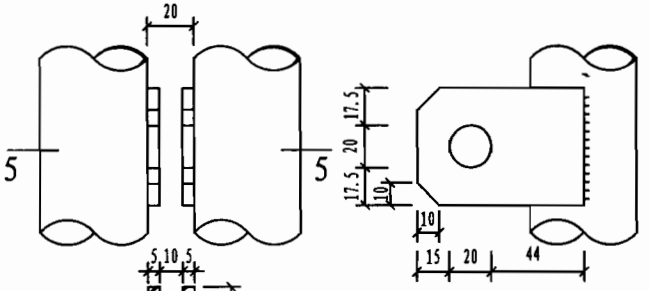


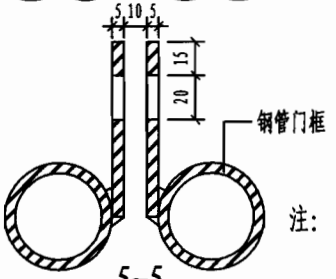
E





3 4-4





4 5-5

注： 括号内尺寸用于平门柱门轴时.

门柱及锁鼻

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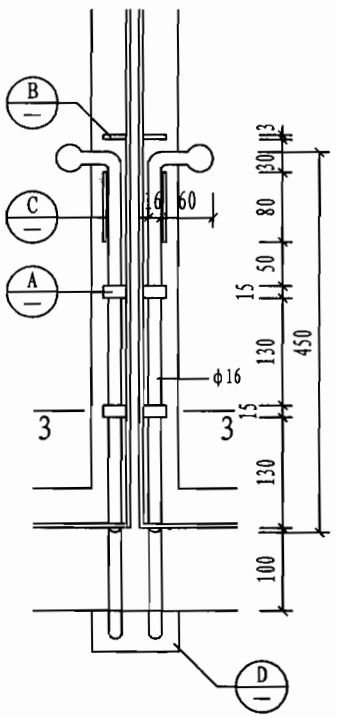
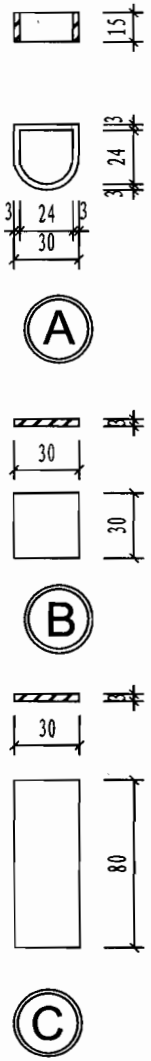
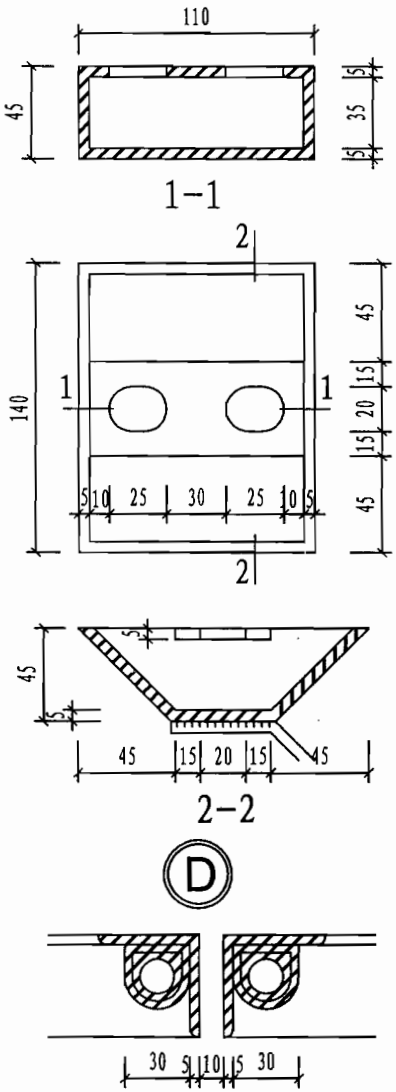
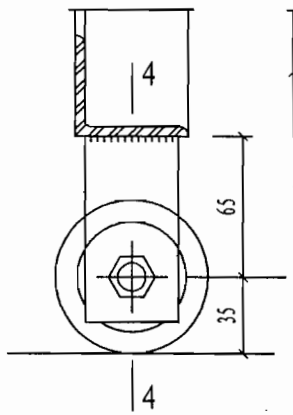


1

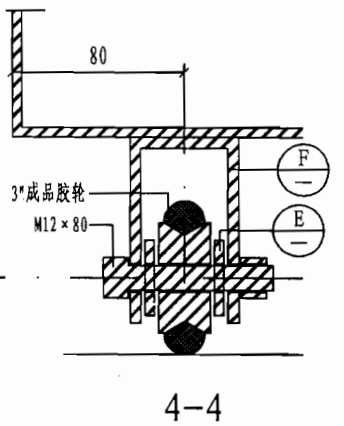
角钢门插销



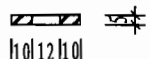




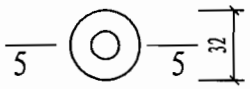
2 地轮



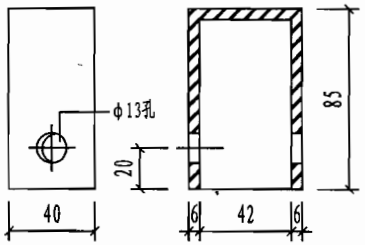
4-4



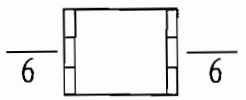
5-5



E



6-6



F

地插销及地轮(一)	图集号	苏J08-2006
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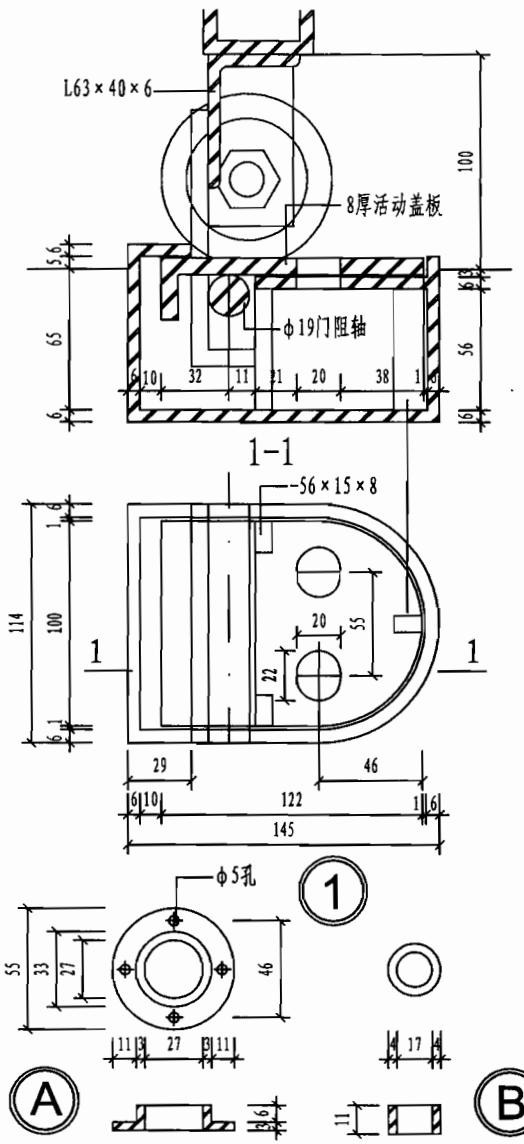

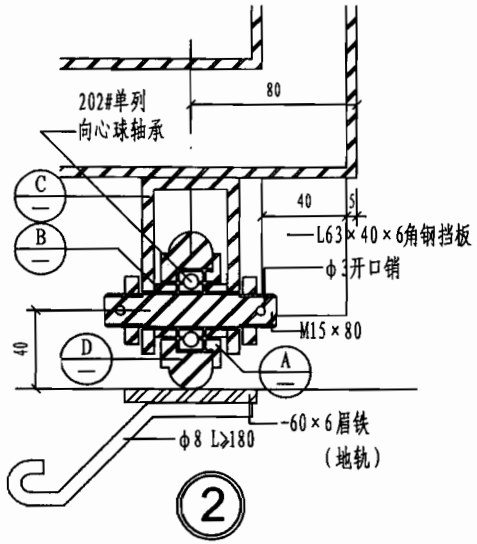

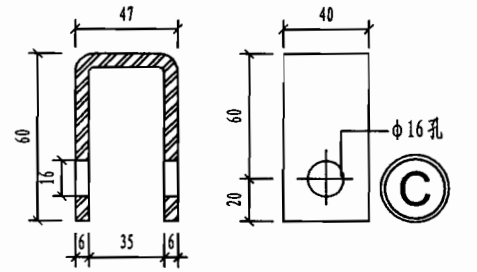

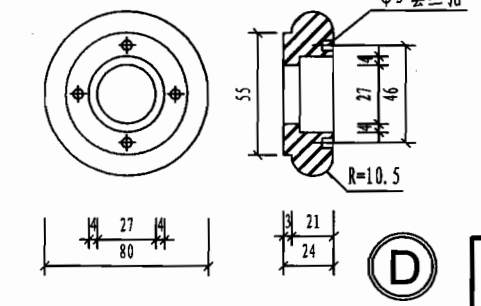

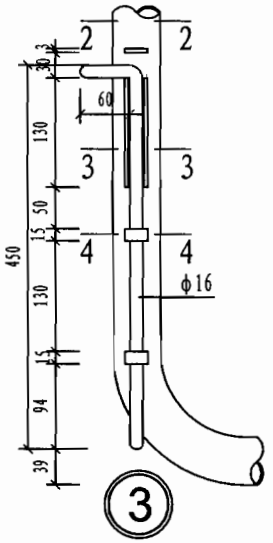

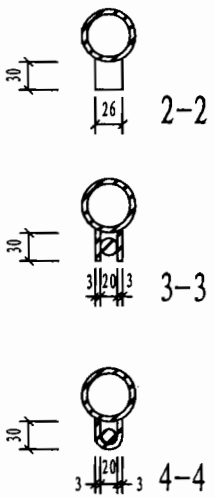

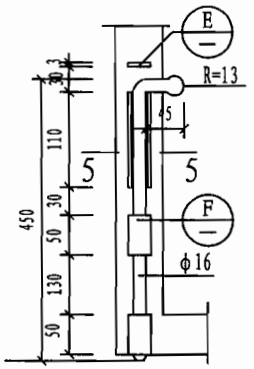

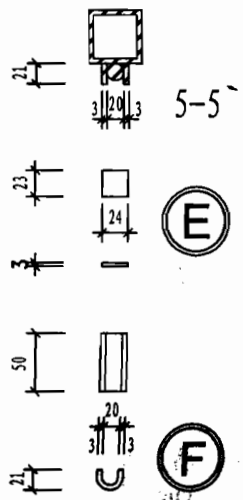

地插销及地轮(二)	图集号	苏J08-2006
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伸缩围墙大门说明

1. 门型特点

伸缩围墙大门是由杆件铰接组成多个平行四边形结构，通过电动开门机或手动带动驱动节，驱动轨道上的地轮使门体伸缩，完成大门的启闭。伸缩大门包括电动和手动两种形式，不采用电动开门机装置即为手动。电动门装有手动离合器，停电时可手动启闭.

2. 适用范围

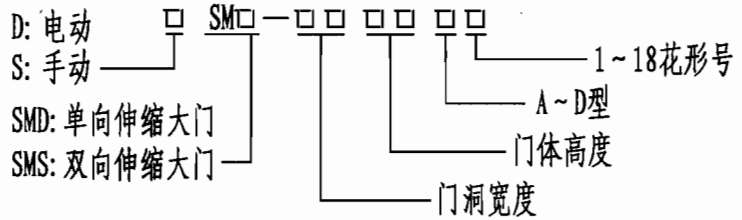
伸缩大门适用于一般民用与工业建筑的主要出入口及围墙大门

3. 设计选型

3.1 大门分为单门单向开启和双门双向开启两种开启方式。单向伸缩门有3600～15000mm10种门洞宽度规格;1200～2400mm 5种门体高度规格共组成50种门型;双向伸缩门有7200～30000mm 10种门洞宽度规格,1200～2400mm 5种门体高度规格共组成50种门型;与双向伸缩大门配套使用的伸缩边门有1200～2400mm 5种门洞宽度规格，1200～2400mm 5种门体高度规格共组成25种门型供设计选用。

3.2 门体电动启闭操纵方式分为按钮电动及无线遥控两种。安装形式分为明装式和暗装式。暗装又分为全封闭与半封闭两种形式。

3.3 门型编号



3.4 选用示例

FSMS-9615-A3 双向电动伸缩门 门洞宽度9600mm
门体高度1500mm A型3号花型

3.5 本图集单向伸缩门按右向开启绘制,左向开启时位置相反.选用左向开启时可在门型编号后加注“左”字。如: DSMD-6012-B4左 单向电动伸缩门，门洞宽度6000mm 门体高度1200mm B型4号花形

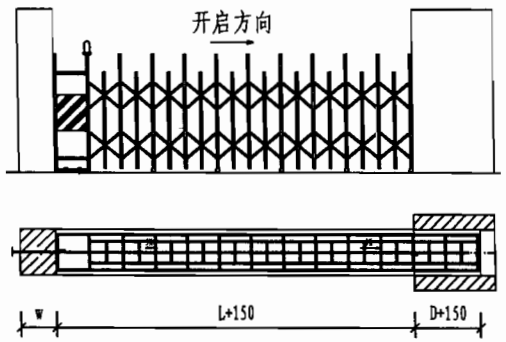
4. 制作及安装

4.1 门体材料为不锈钢或喷塑炭素钢板材和管材。

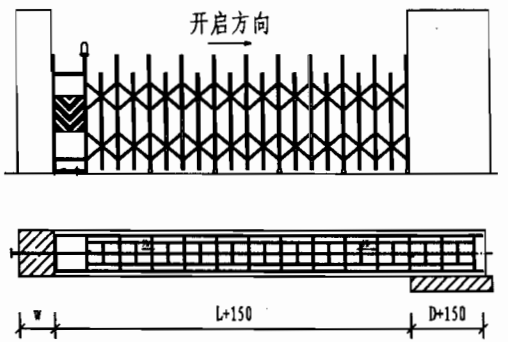
4.2 由专业生产厂加工制做及安装调试，轨道和电线的敷设应与土建施工相配合，并提前做好准备工作。

5. 主要技术参数（电动门型）

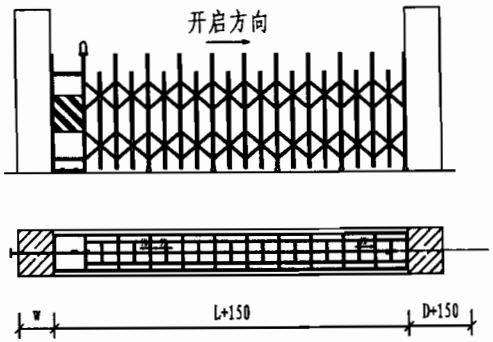
门体运行速度: 350mm/s 最大展开长度: 30m
开门机电压: ～220v 电流: 6A 遥控距离: 30m



单向伸缩门开启封闭式



单向伸缩门开启半封闭式



单向伸缩门开启开敞式

安装形式

门型选用表

门洞宽b / 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；b－门洞有效宽度；h－门体高度；n－伸缩节数，计算时遇小数向整数位进一。

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

单向伸缩围墙大门选用图	图集号	苏J08-2006
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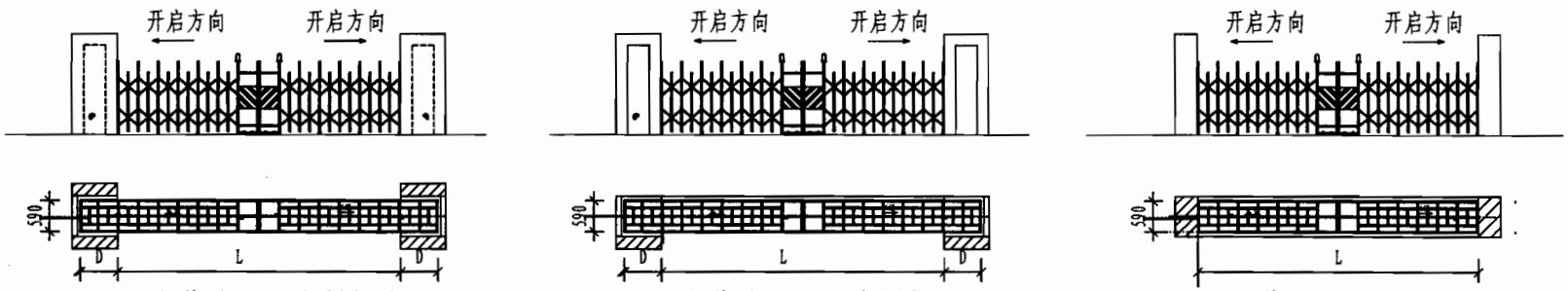

双向伸缩门开启封闭式　　双向伸缩门开启半封闭式　　双向伸缩门开启敞开式

安装形式

门型选用表

门洞宽b / 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；b－门洞有效宽度；h－门体高度；
n－伸缩节数，计算时遇小数向整数位进一。
2. $L=2(390+410n)$　$d=390+60n$　$b=L-2d=700n$
3. 当两个门长度不同时，两个门分别按单门计算

双向伸缩围墙大门选用图

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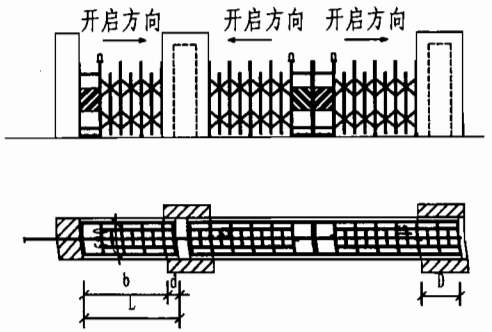
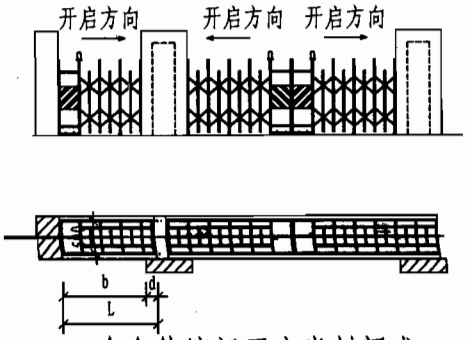
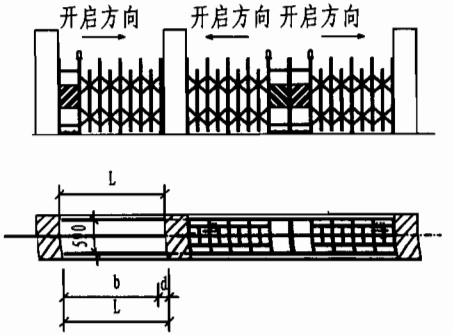


右向伸缩门开启封闭式



右向伸缩门开启半封闭式



右向伸缩门开启开敞式

安 装 形 式

门 型 选 用 表

门洞宽b / 门体高h	1200	1500	1800	2100	2400
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；b－门洞有效宽度；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
3. 伸缩边门也可采用其它类型门，如平开门等。

伸缩围墙边门选用图	图集号	苏J08-2006
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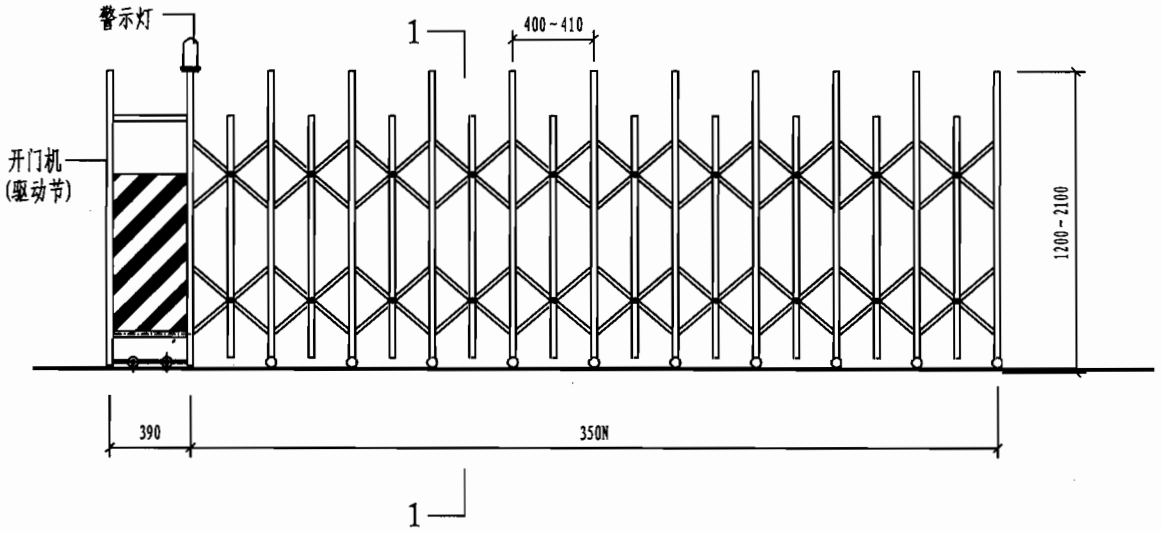
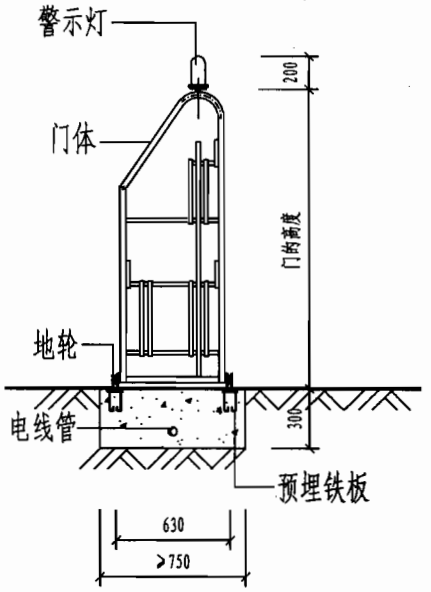
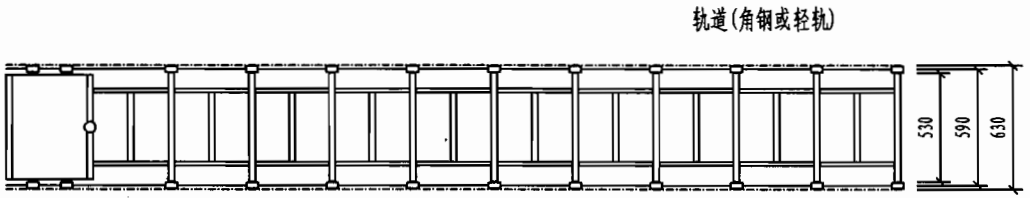


伸缩门立面



1-1



伸缩门平面

注:

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

电动伸缩门平 剖面	图集号	苏J08-2006
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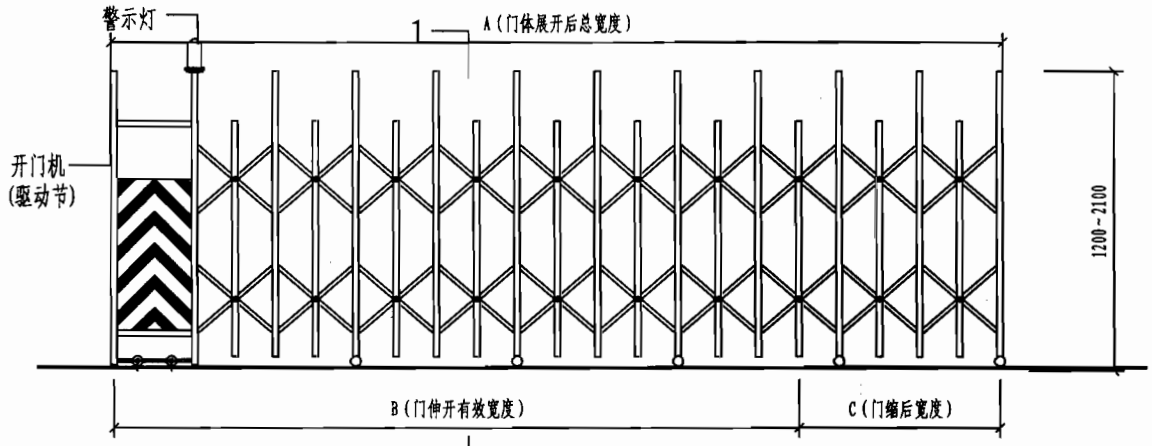
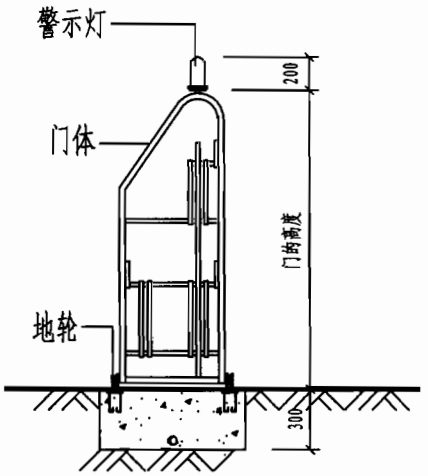
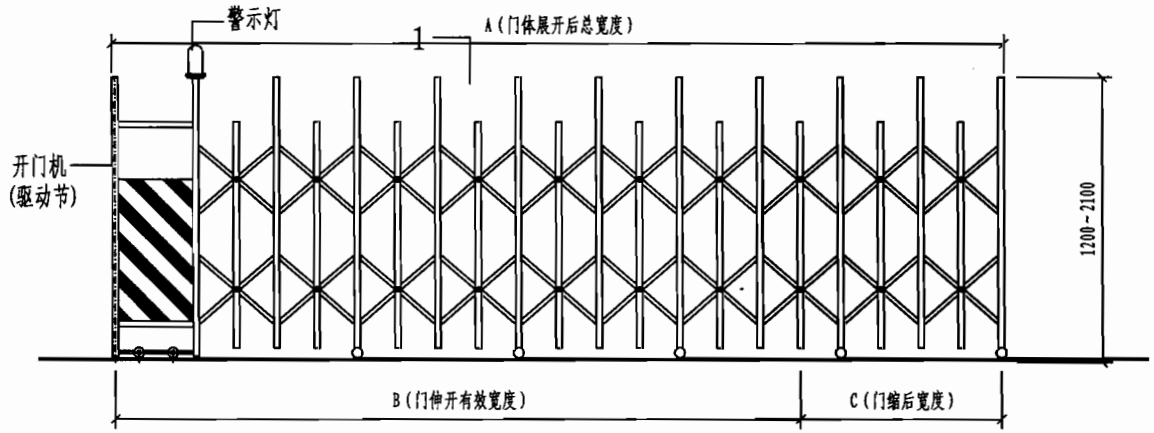


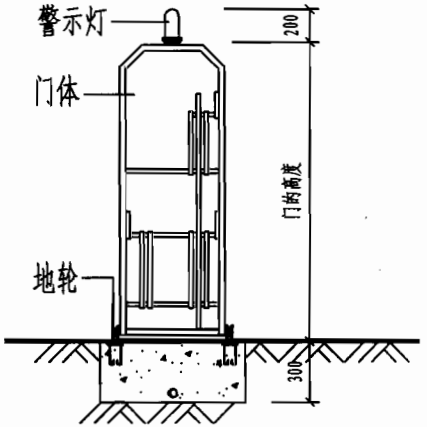
1—1 A型伸缩门立面



A型 1-1



1—1 B型伸缩门立面



B型 1-1

门型选用图(一)	图集号	苏J08-2006
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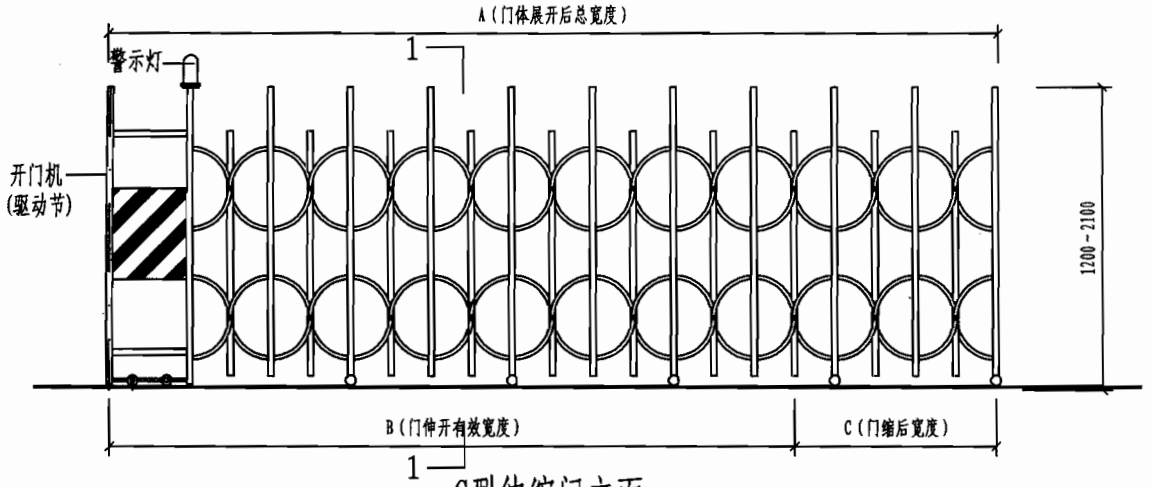
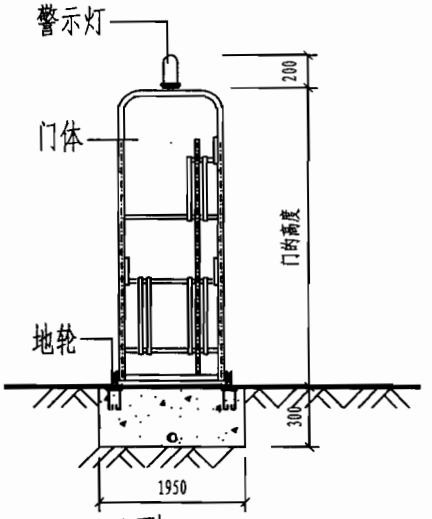
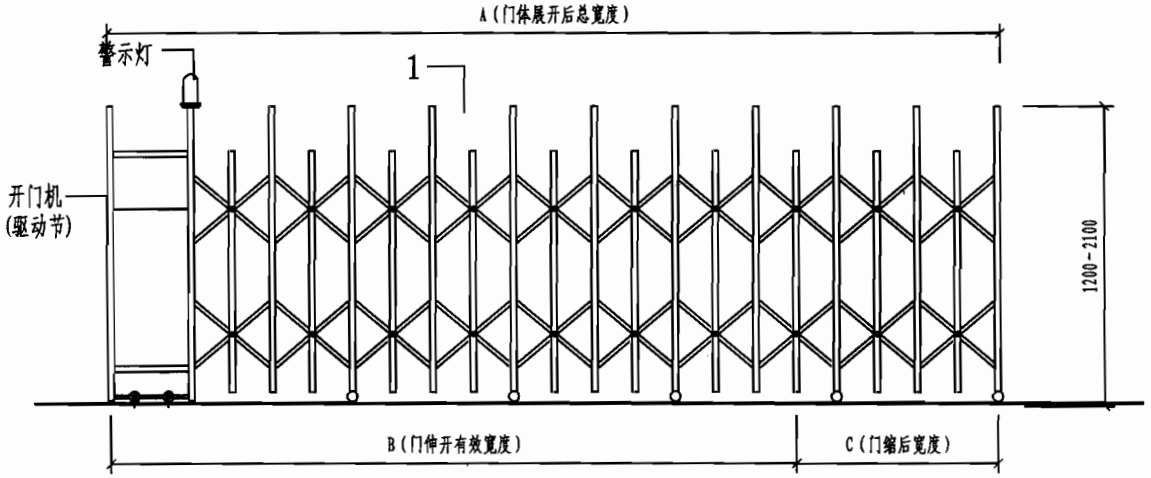


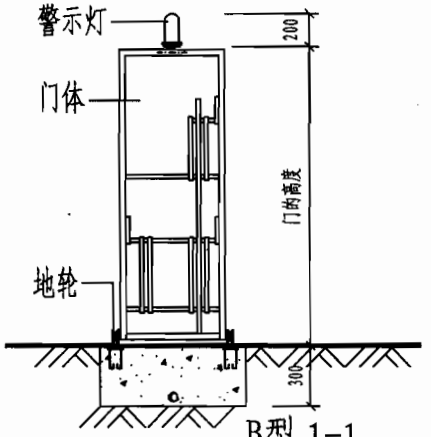
C型伸缩门立面



A型 1-1

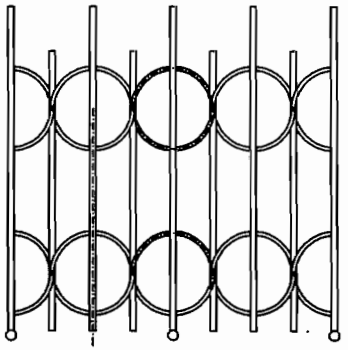


B型伸缩门立面

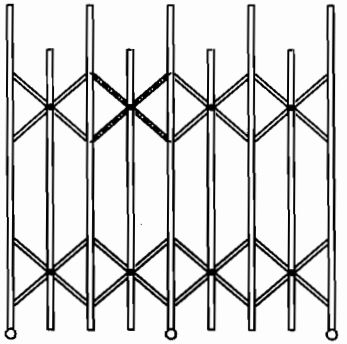


B型 1-1

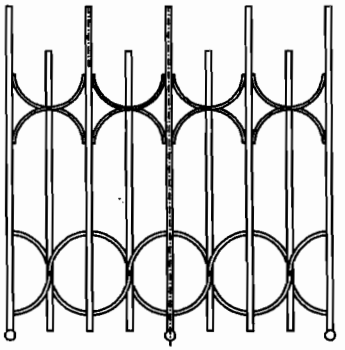
门型选用图(二)	图集号	苏J08-2006
	页　次	106



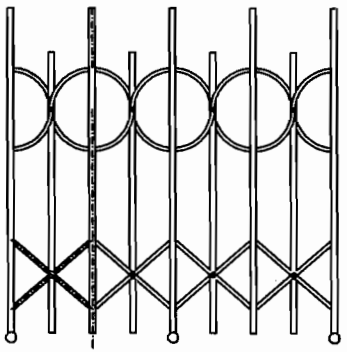
①



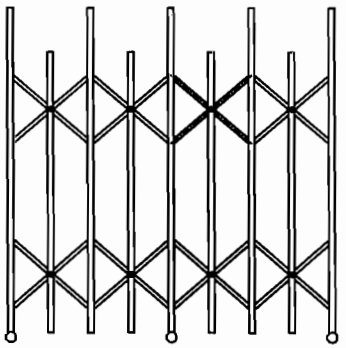
②



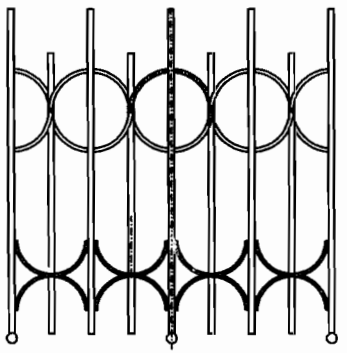
③



④

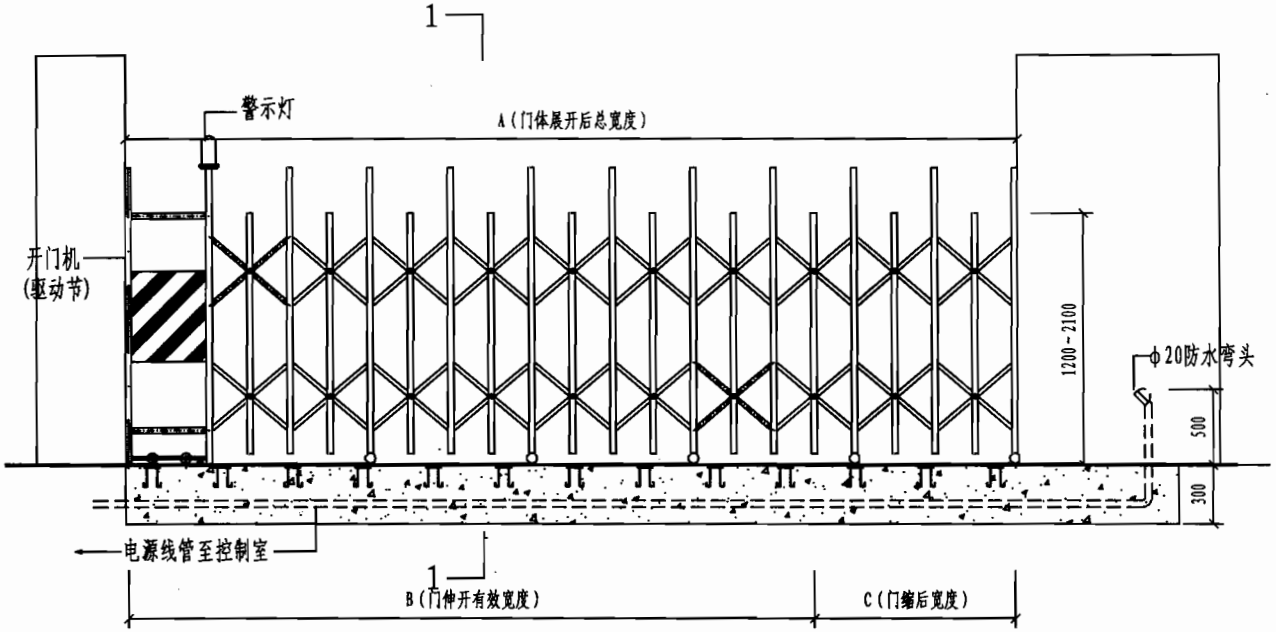


⑤

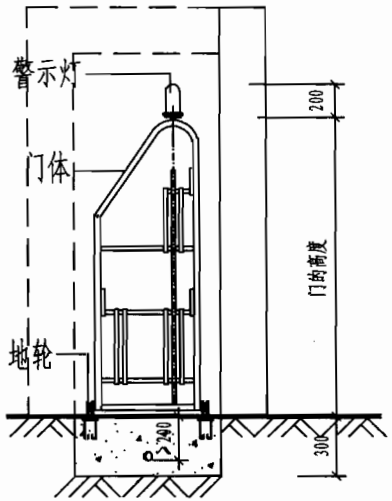


⑥

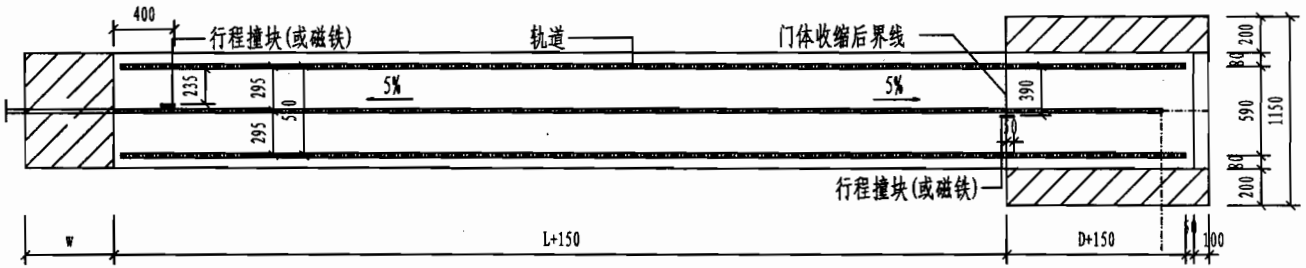
门体花型选用表	图集号	苏J08-2006
	页　次	107



A型伸缩门立面



A型 1-1

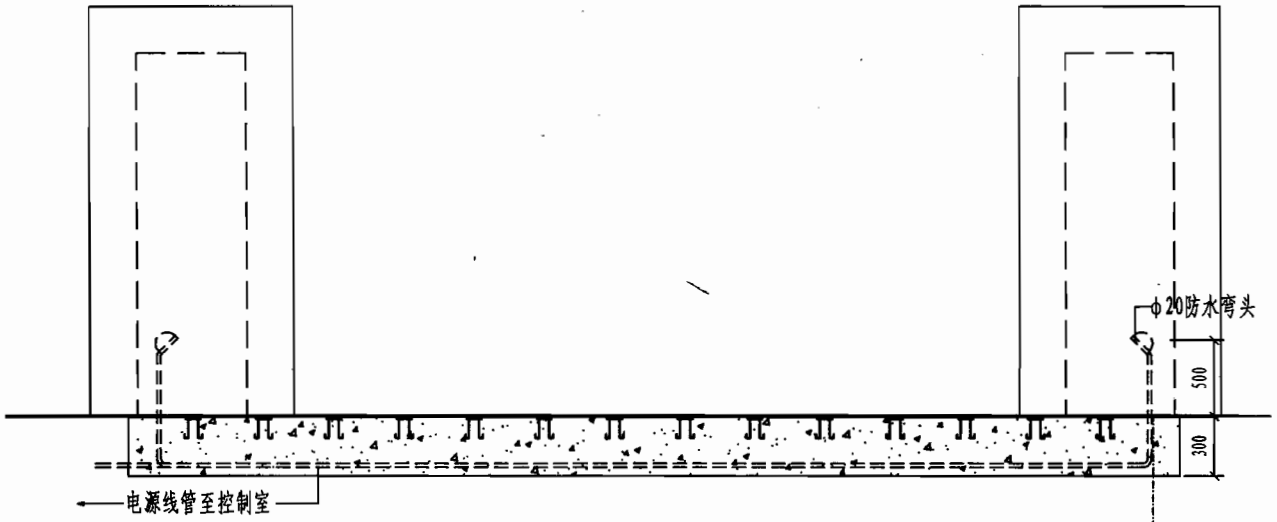


A型伸缩门平面

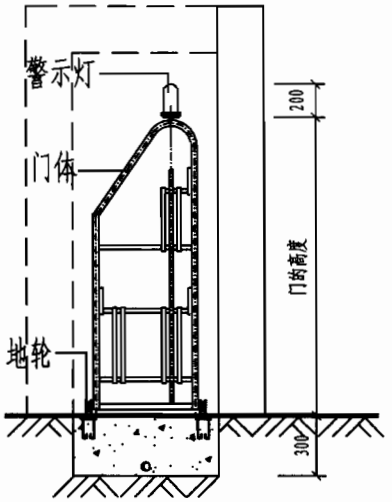
注：

1. 电源线管半径R≥60，管接头处应密封不得渗漏，埋设管时管内穿入引线钢丝。
2. 电源线管用量以基础外5m计算，至控制室实际距离另计。详见第77页。
3. 暗装分为全封闭与半封闭两种。全封闭门体收缩后进入门洞内，后部留安装检查口。图中包括虚线部分的全封闭式，无虚线部分的为半封闭式。
4. 轨道 预埋件材料用量见材料表。

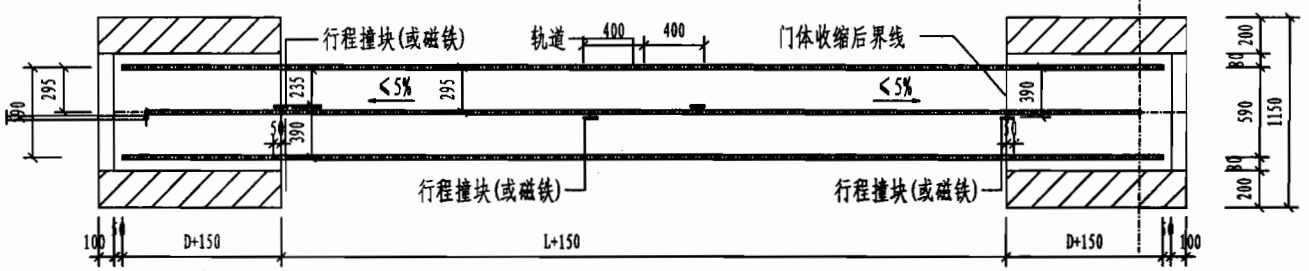
单向伸缩门暗装式 轨道 电源线管安装图	图集号	苏J08-2006
	页 次	108



1 A型伸缩门立面



A型

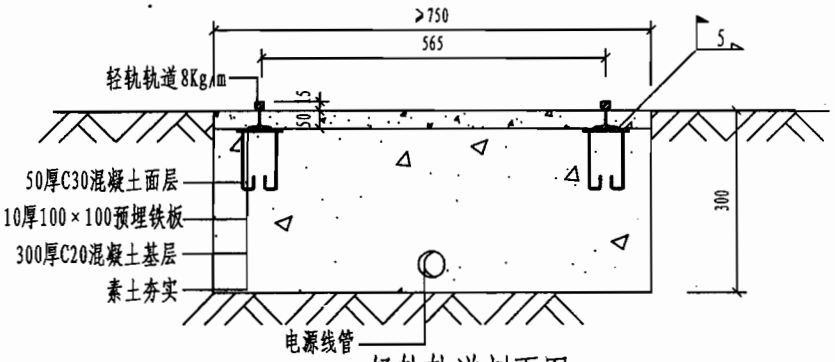


1 A型伸缩门平面

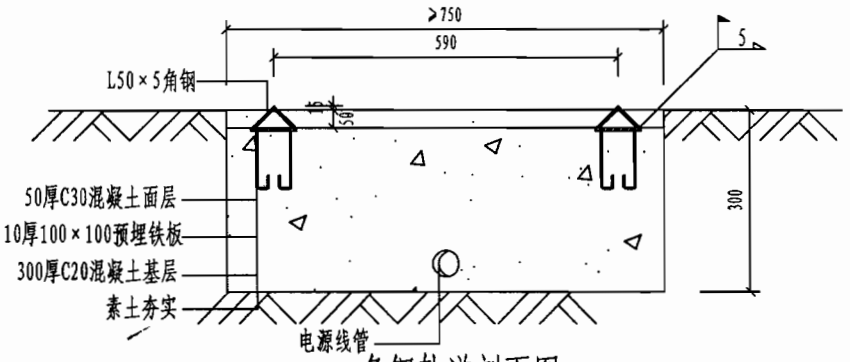
注:

1. 电源线管半径R>60,管接头处应密封不得渗漏,埋设管时管内穿入引线钢丝.
2. 电源线管用量以基础外5m计算,至控制室实际距离另计.详见第77页.
3. 暗装分为全封闭与半封闭两种.全封闭门体收缩后进入门洞内,后部留安装检查口.图中包括虚线部分的全封闭式,无虚线部分的为半封闭式.
4. 轨道 预埋件材料用量见材料表.

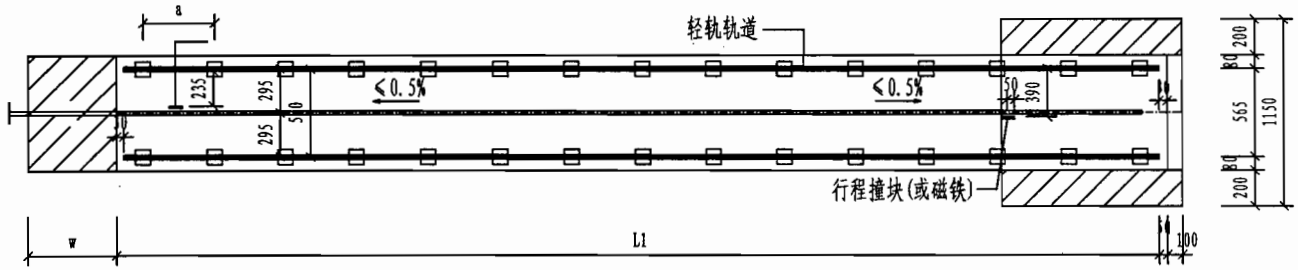
双向伸缩门暗装式 轨道 电源线管安装图	图集号	苏J08-2006
	页 次	109



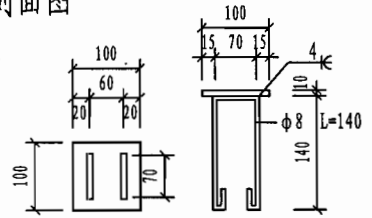
轻轨轨道剖面图



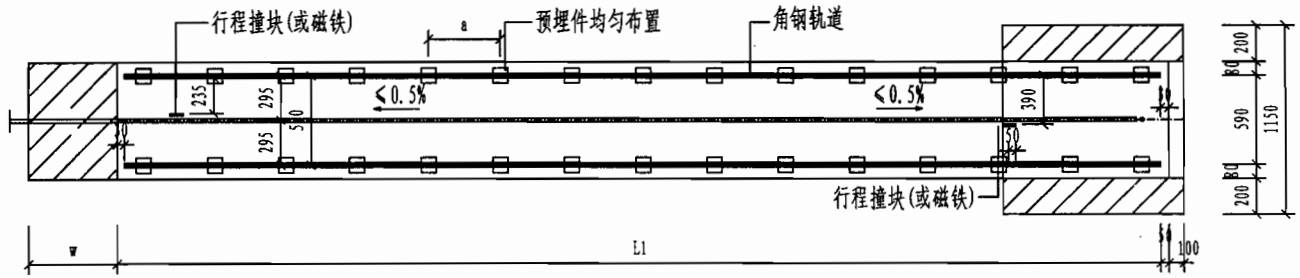
角钢轨道剖面图



轻轨轨道平面图



预埋铁板大样

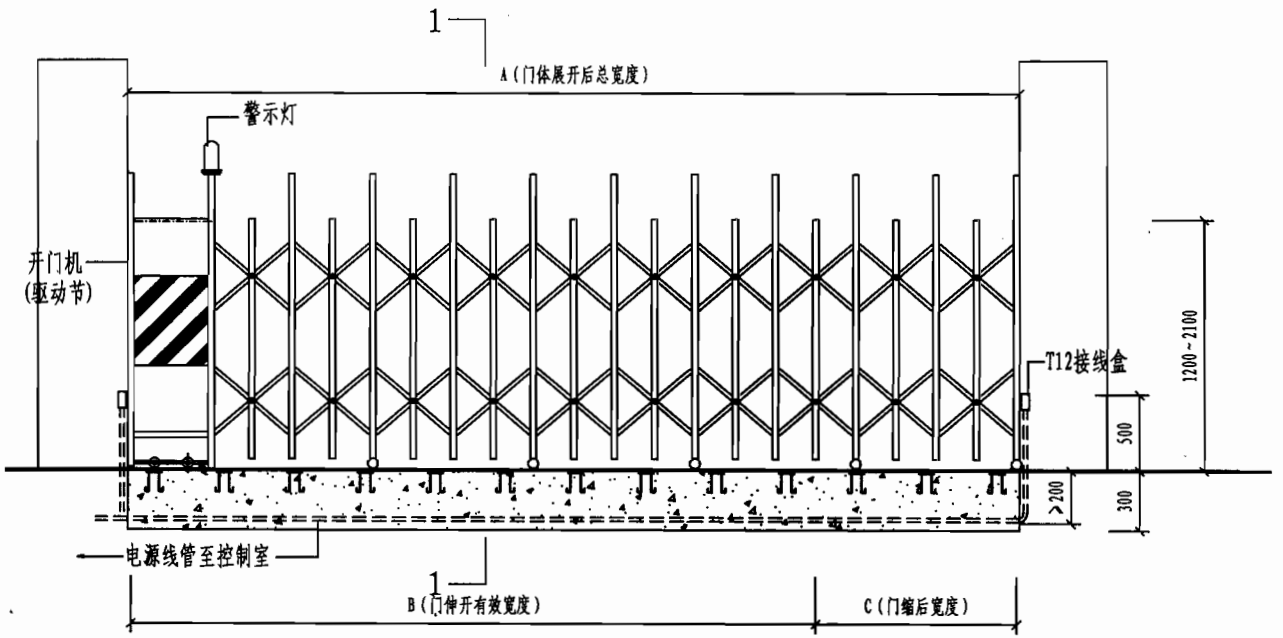


角钢轨道平面图

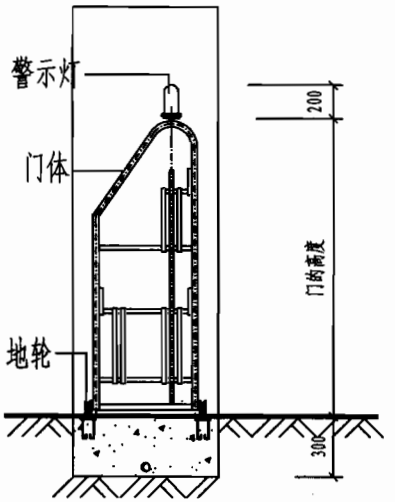
注:

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±2mm,轨顶距地面高度偏差≤±2mm.两轨顶之间距离偏差±2mm.
4. 轨道接缝焊接后磨平.
5. 轨道及预埋件材料用量见材料表.

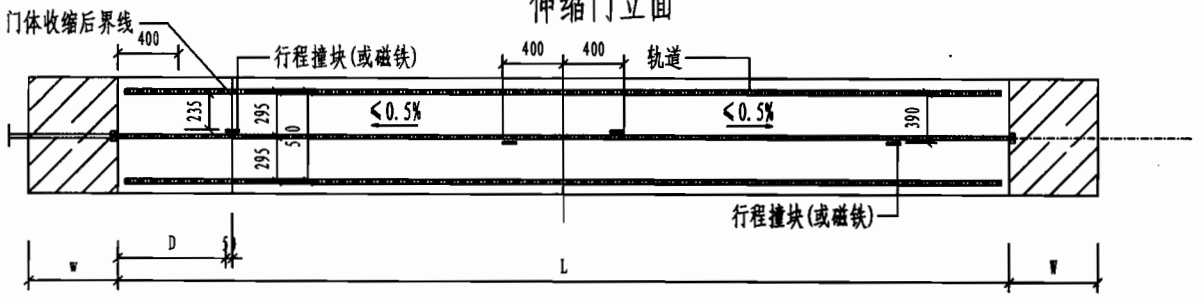
轨道安装详图	图集号	苏J08-2006
	页 次	110



伸缩门立面



A型

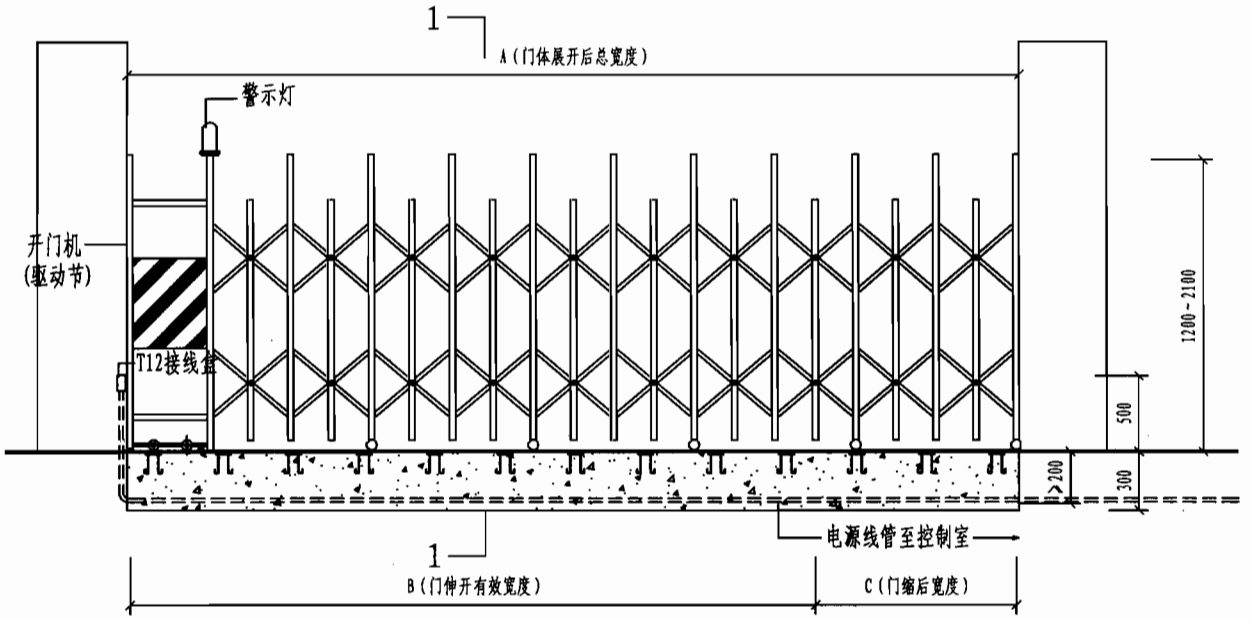


伸缩门平面

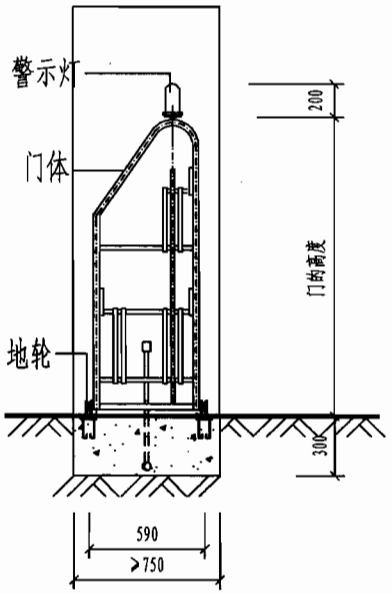
注:

1. 电源线管半径R>60,管接头处应密封不得渗漏,埋设管时管内穿入引线钢丝.
2. 电源线管用量以基础外5m计算,至控制室实际距离另计.详见第77页.
3. 轨道 预埋件材料用量见材料表.

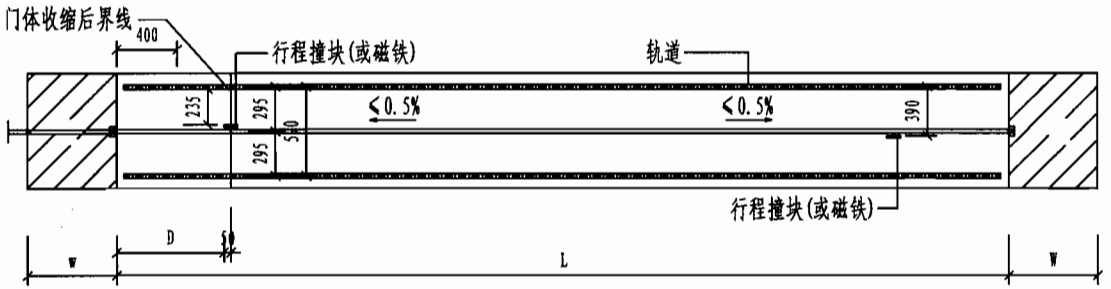
双向伸缩门明装式 轨道 电源线管安装图	图集号	苏J08-2006
	页 次	111



伸缩门立面



1-1



伸缩门平面

注：

1. 电源线管半径R＞60，管接头处应密封不得渗漏，埋设管时管内穿入引线钢丝.
2. 电源线管用量以基础外5m计算，至控制室实际距离另计.详见第77页.
3. 轨道 预埋件材料用量见材料表.

单向伸缩门明装式 轨道 电源线管安装图	图集号	苏J08-2006
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轨道 预埋件用量表

门洞宽度 (mm)	轨道长度 (mm)	轨道重量		预埋件			总重量	
		角钢型(L50×5)	轻轨型(8Kg/m)	距离a (mm)	数量 (件)	重量 (Kg)	角钢型	轻轨型
3600 / 7200	2×4800 / 2×9600	36.2 / 72.4	76.8 / 153.6	465 / 472	22 / 42	24.2 / 46.2	60.4 / 118.6	101.0 / 199.8
4200 / 8400	2×5450 / 2×10900	41.1 / 82.2	87.2 / 174.4	482 / 488	24 / 46	26.4 / 50.4	67.5 / 132.8	113.6 / 225.0
4800 / 9600	2×6180 / 2×12360	46.6 / 93.2	98.9 / 197.8	464 / 488	28 / 52	30.8 / 57.2	77.4 / 150.4	129.7 / 255.0
5400 / 10800	2×6900 / 2×13800	52.0 / 104.1	110.4 / 220.8	482 / 488	30 / 58	33.0 / 63.8	85.0 / 167.9	143.4 / 284.6
6000 / 12000	2×7560 / 2×15120	57.0 / 114.0	121.0 / 241.9	494 / 483	32 / 64	35.2 / 70.4	92.2 / 184.4	156.4 / 312.3
7500 / 15000	2×9360 / 2×18720	70.6 / 141.1	149.8 / 299.5	485 / 488	40 / 78	44.0 / 85.8	114.6 / 226.9	193.8 / 385.3
9000 / 18000	2×11100 / 2×22200	83.7 / 167.4	1776. / 355.2	498 / 490	46 / 92	50.6 / 101.2	143.3 / 268.6	228.2 / 456.4
10500 / 21000	2×12840 / 2×25680	96.8 / 193.6	205.4 / 410.9	488 / 491	54 / 108	59.4 / 116.6	156.2 / 310.2	264.8 / 528.5
12000 / 24000	2×14640 / 2×29280	110.4 / 220.8	234.2 / 468.5	500 / 494	60 / 120	66.0 / 132.0	176.4 / 358.2	300.2 / 600.5
15000 / 30000	2×18120 / 2×36240	136.6 / 273.2	289.9 / 579.8	500 / 494	74 / 148	81.4 / 162.8	218.0 / 436.0	371.3 / 742.6

注：1. 表格中斜线左上方为单门的数值，斜线右下方为双门的数值.（单门/双门）

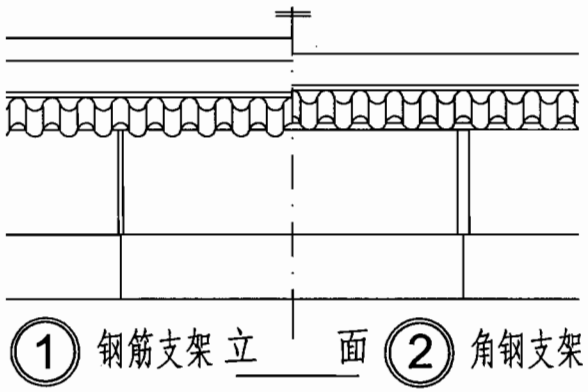
2. 门体明装式安装时，导轨长度分别减少：单门为2×150mm，双门为2×300mm。其重量做相应减少，角钢型：单门1.1Kg，双门2.2Kg；轻轨型：单门2.4Kg，双双门4.8Kg.

单门电源线管用量表

门洞宽度 (mm)	材料 镀锌钢管	长度 (m)	重量 (Kg)
3600	φ20	10.5	17.1
4200	φ20	11.1	18.10
4800	φ20	11.8	19.20
5400	φ20	12.6	20.50
6000	φ20	13.2	21.50
7500	φ20	15.0	24.40
9000	φ20	16.80	27.30
10500	φ20	18.5	30.1
12000	φ20	20.30	33.0
15000	φ20	23.80	38.70

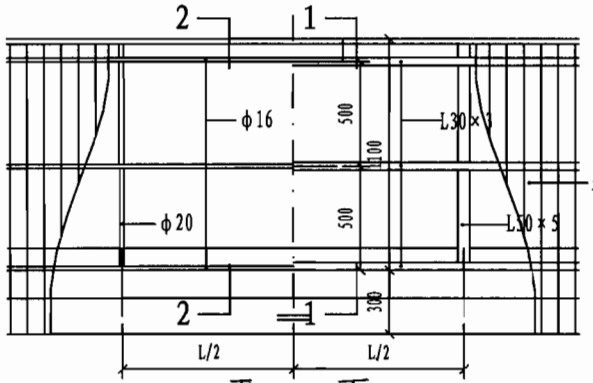
双门电源线管用量表

预埋件		总重量	
数量 (件)	重量 (Kg)	角钢型	轻轨型
7200	φ20	16.7	27.2
8400	φ20	18.0	29.3
9600	φ20	19.4	31.6
10800	φ20	20.9	34.1
12000	φ20	22.3	36.3
15000	φ20	25.8	42.1
18000	φ20	29.3	47.8
21000	φ20	32.7	53.3
24000	φ20	36.3	59.2
30000	φ20	43.3	70.6

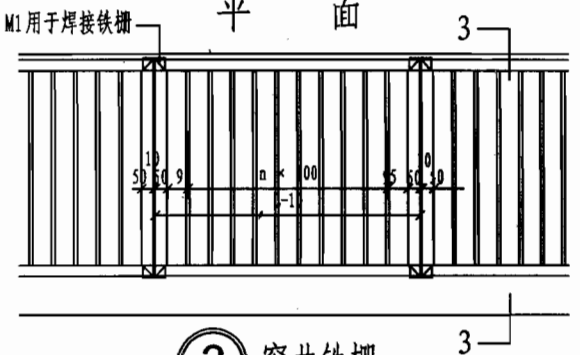


① 钢筋支架 立 面

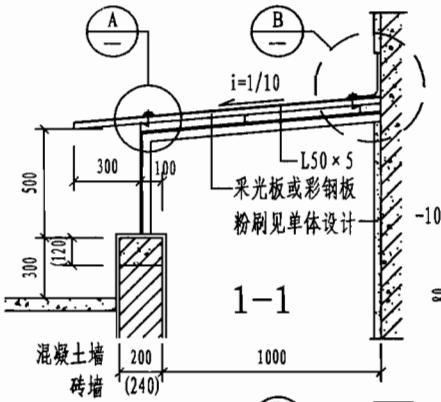
② 角钢支架

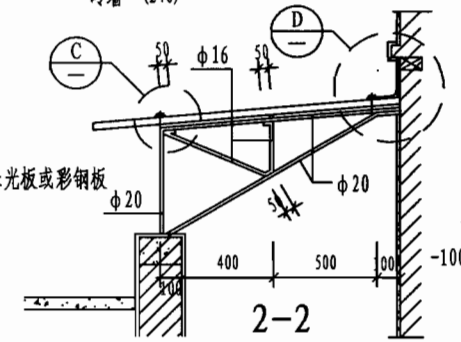


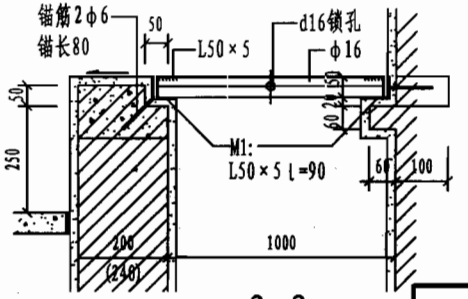
平 面



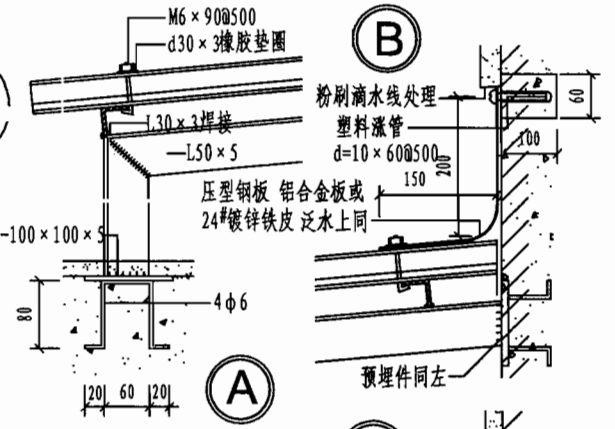
③ 窗井铁栅

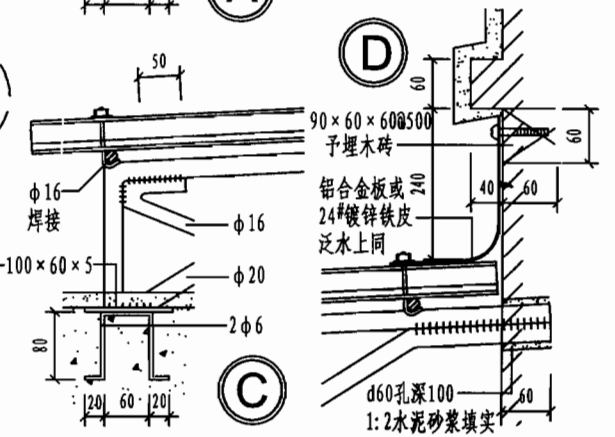






3-3





注：

窗井雨棚采用角钢支架时，间距L不宜大于2100，钢筋支架时不宜大于1500。窗井铁栅的L宜为900~1200，且为100的整倍数。彩钢板横向搭接在波顶。窗井墙平剖面及混凝土墙配筋另详具体设计。角钢支架预埋件用于砖墙时，应预先埋入C15预制块内，再砌入墙中。窗井铁栅每开间或每个窗井设一可加锁的活动块。

窗井雨棚、铁栅

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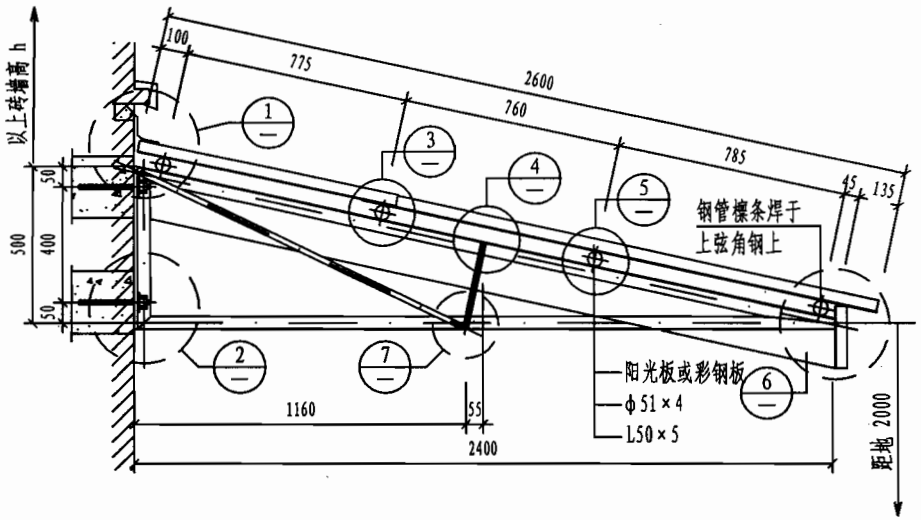
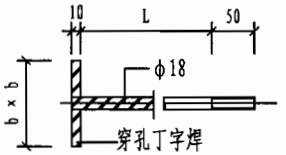
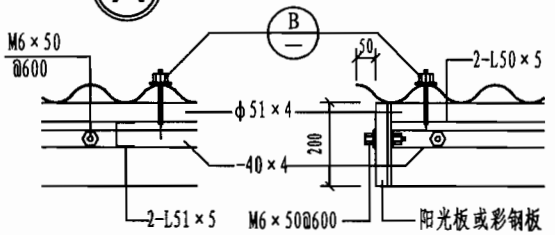


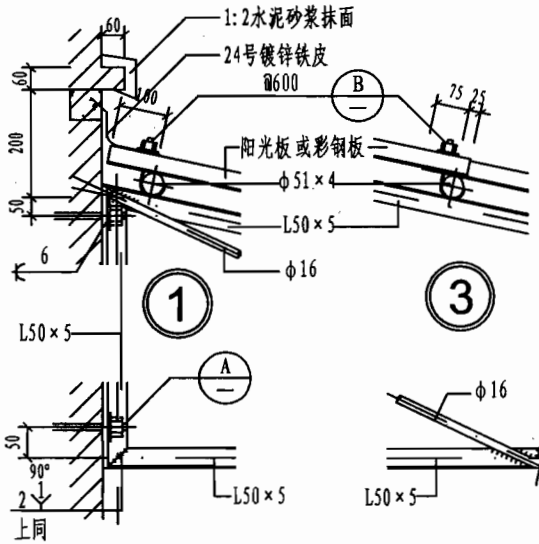


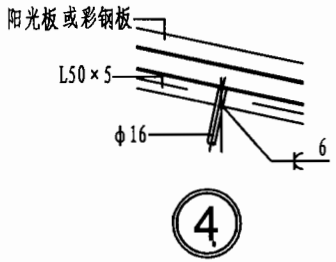
	L	b
砖墙	同墙厚	100
混凝土墙	≥180	50

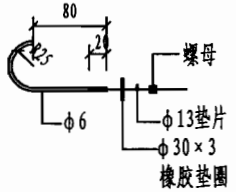
A

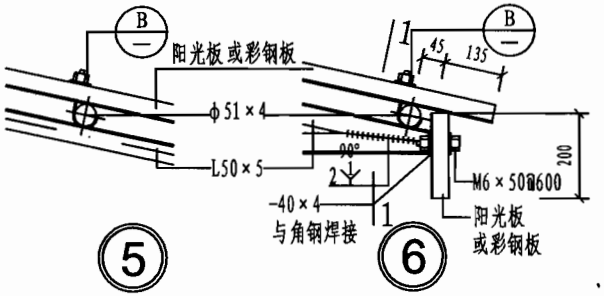


中间节点 1-1 端头节点









注：

钢架中距≤3.6M，总长宜≤18M。瓦材采用采光板或彩钢板。当所附墙体为240厚砖墙时，车棚以上墙高h≥900。当考虑雪荷载0.2（0.4kN/m²）时，应采用370墙，且h≥800（1500）。

附墙自行车棚	图集号	苏J08-2006
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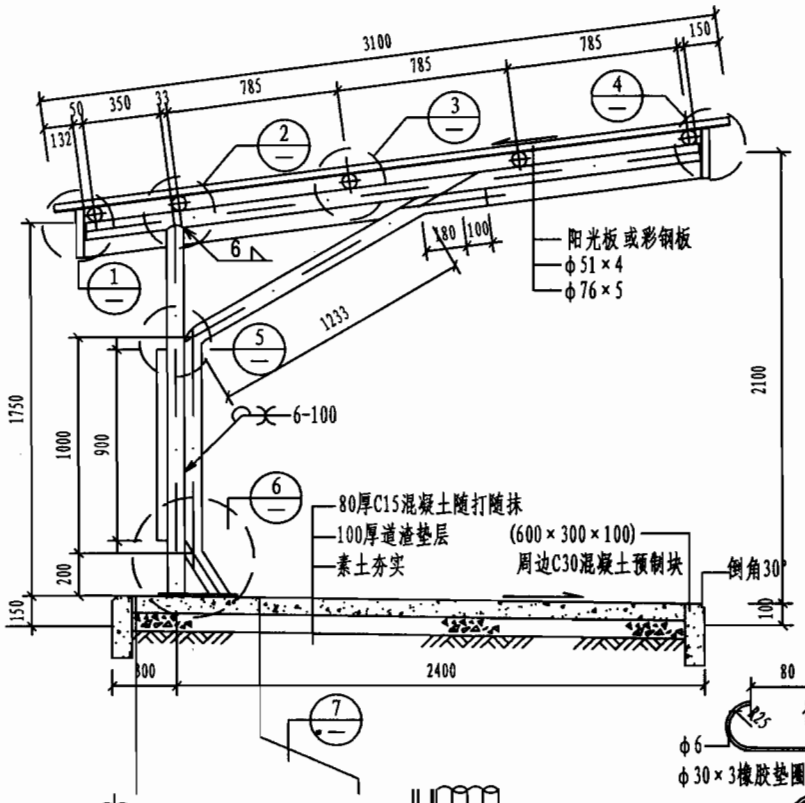

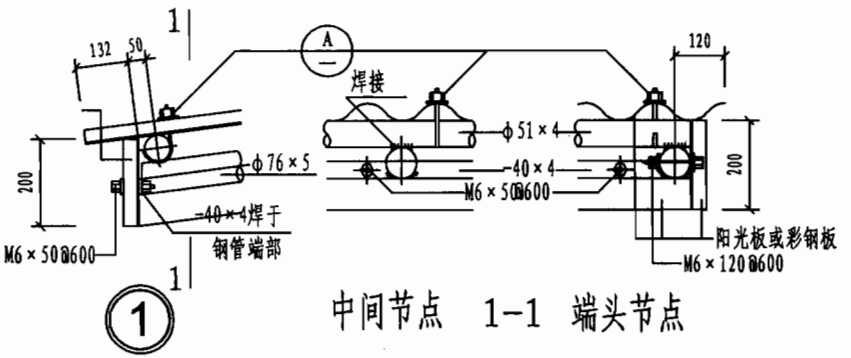

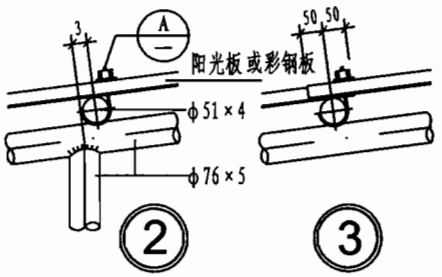

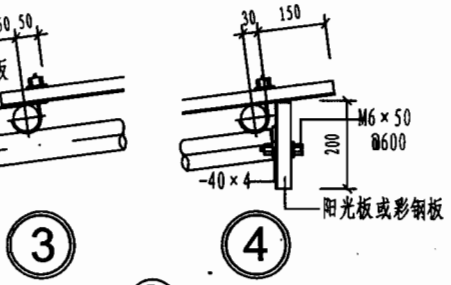

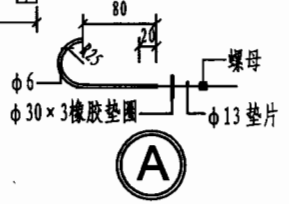

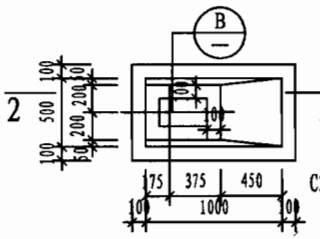

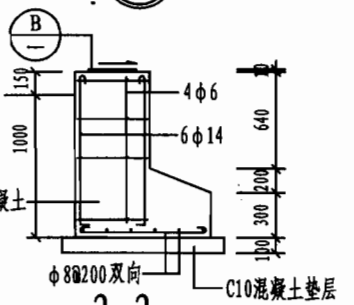

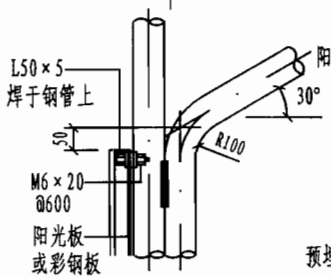

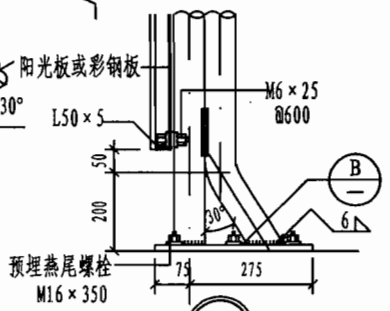

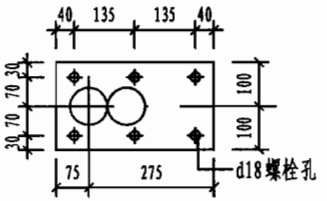

注：

钢架中距≤3.6M，总长宜≤25.2M。设计人须定出平面参数，注明瓦材(阳光板或压型钢（铝）板。)

单坡自行车棚	图集号	苏J08-2006
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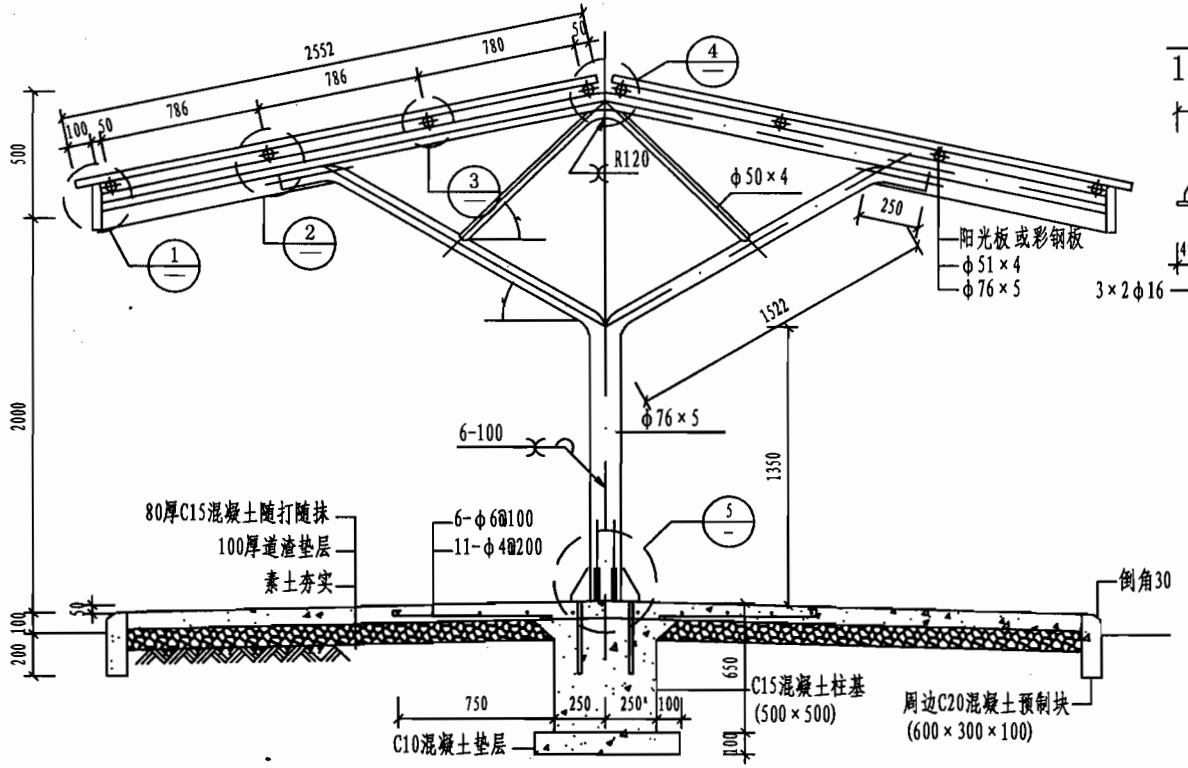
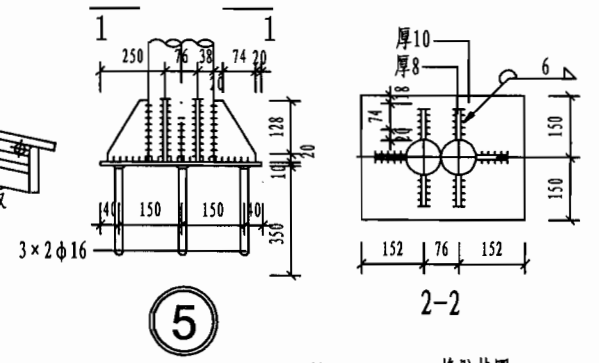
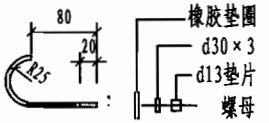
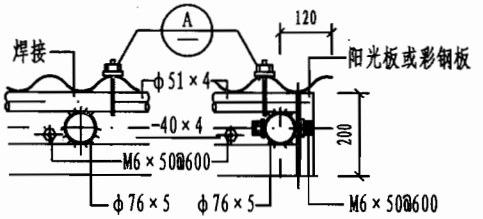




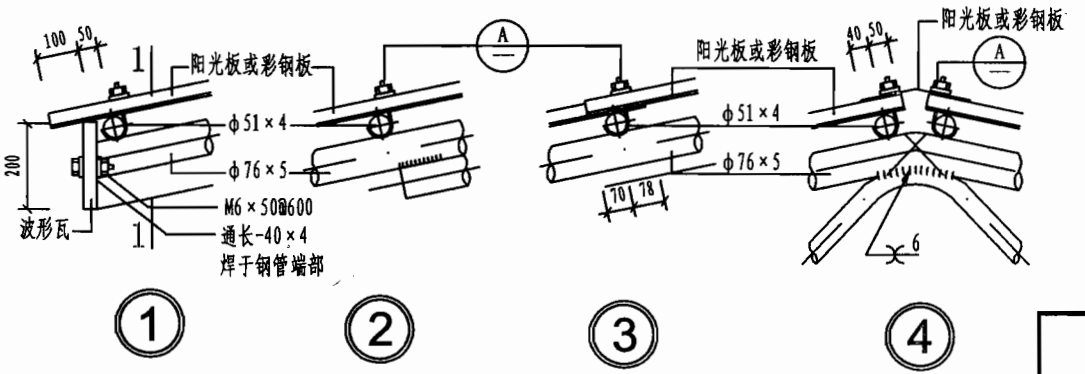
5



A



中间节点　1-1　端头节点



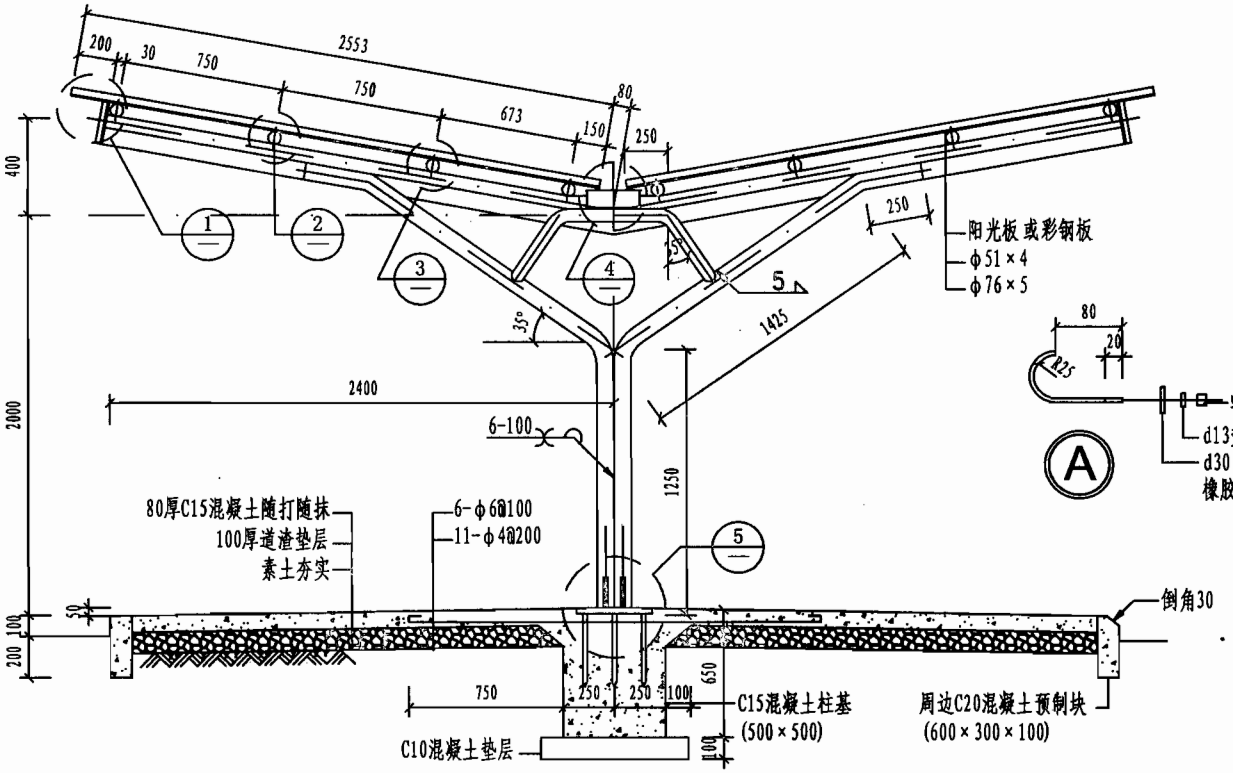
1　2　3　4

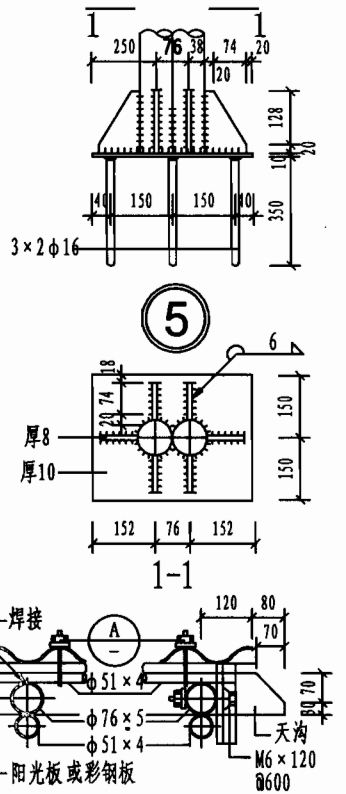
注:

钢架中距≤3.6m,总长宜≤25.2m.设计人须定出平面参数,设计瓦材(阳光板或压型钢(铝)板).

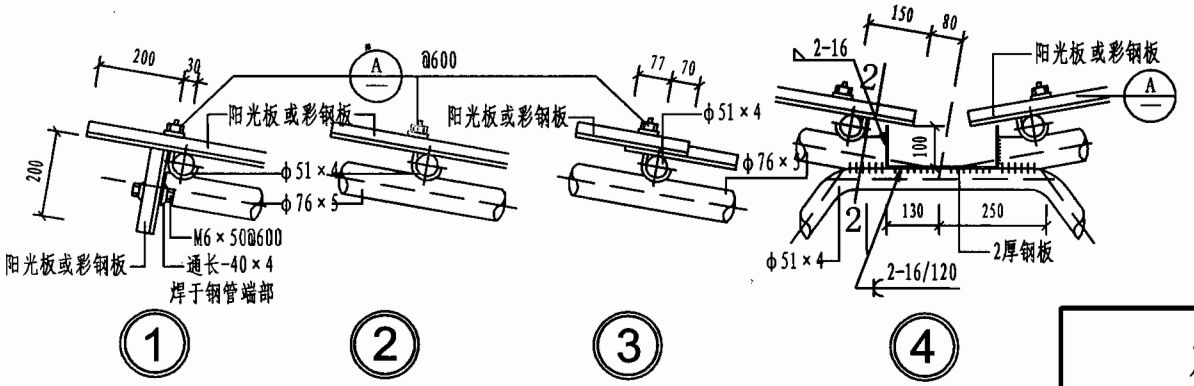
地面混凝土配筋仅在柱基左右宽500范围内(纵向)

双坡自行车棚	图集号	苏J08-2006
	页　次	118





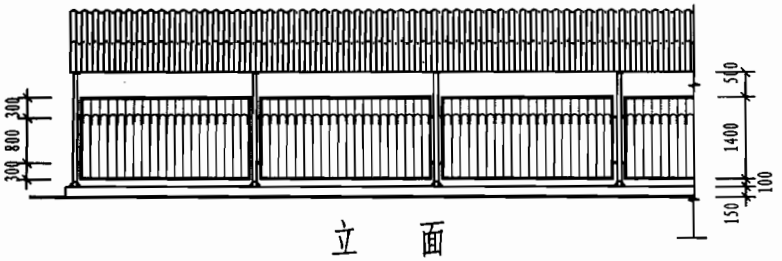
中间节点　2-2　端头节点



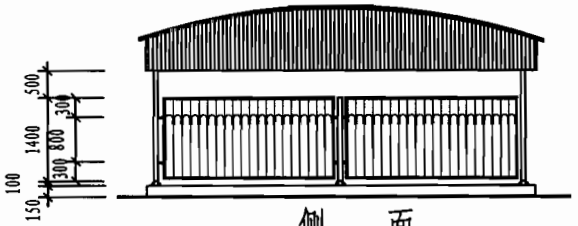
注：

钢架中距≤3.6M，总长宜≤25.2M。设计人须定出平面参数，设计瓦材（阳光板 或压型钢(铝)板）。地面混凝土配筋仅在柱基左右宽500范围内（纵向）

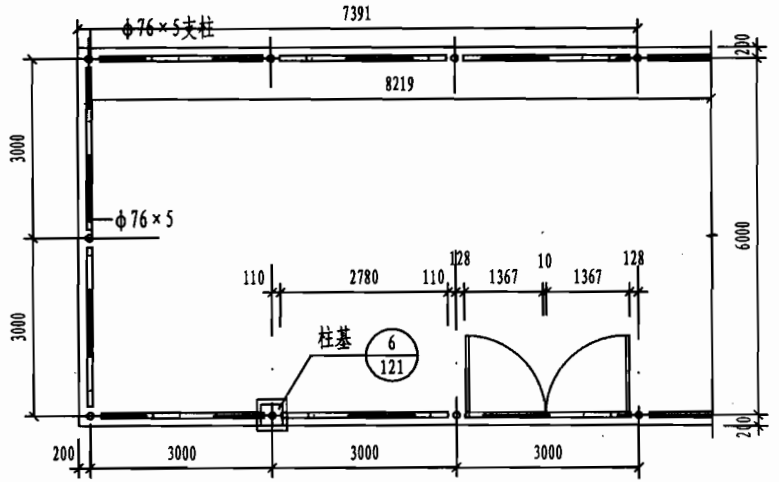
双坡自行车棚	图集号	苏J08-2006
	页　次	119



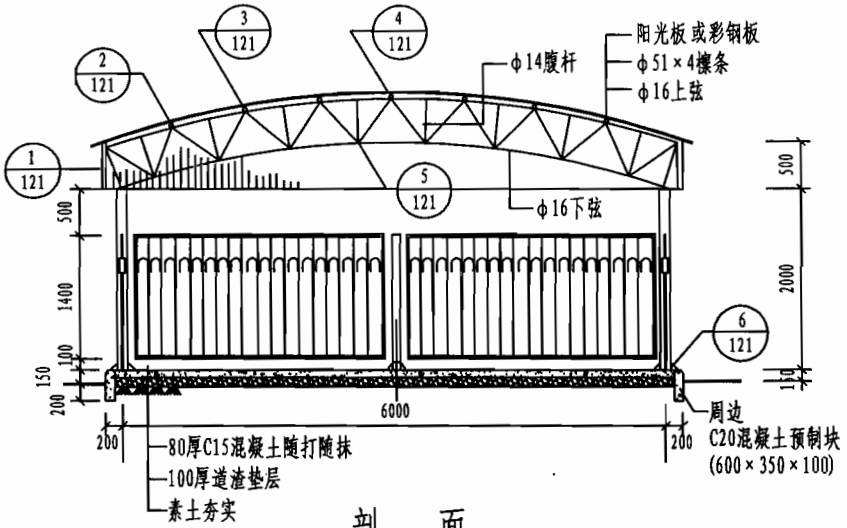
立　面



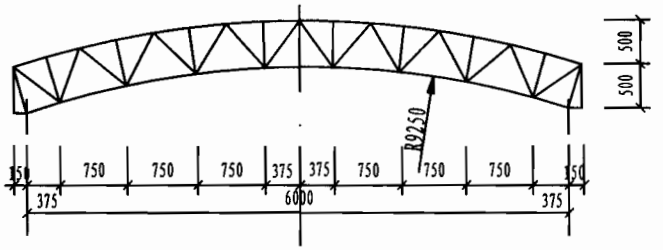
侧　面



平　面



剖　面

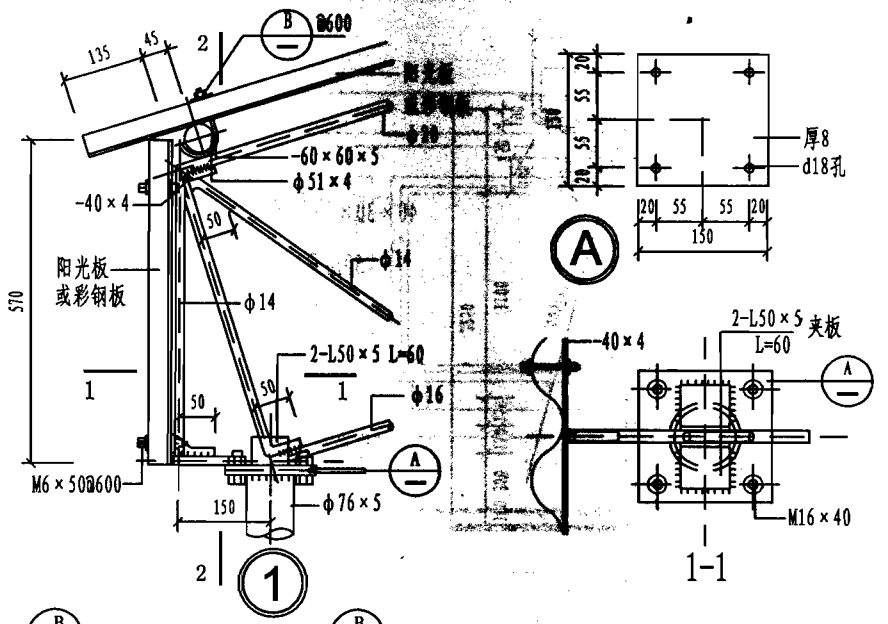


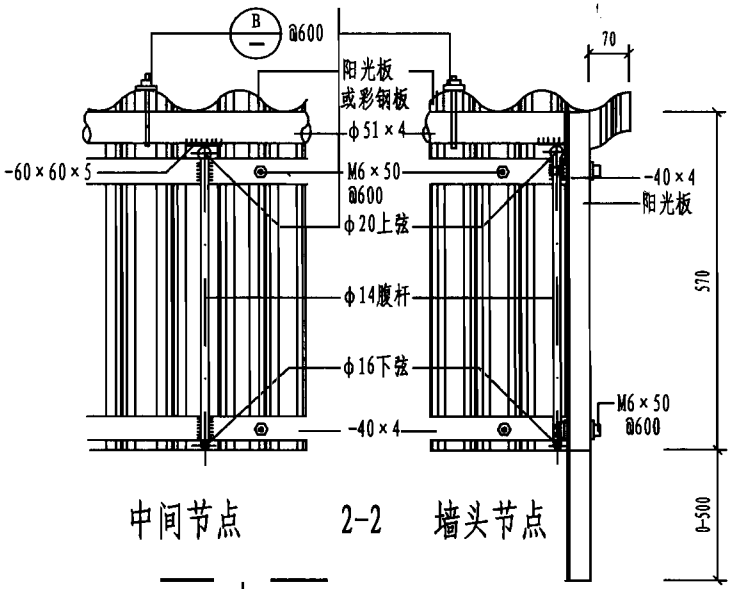
圆拱钢架轴线尺寸

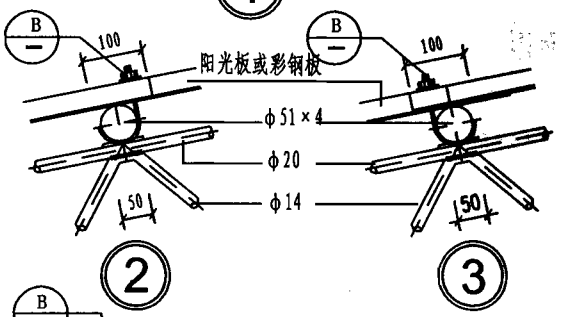
注：

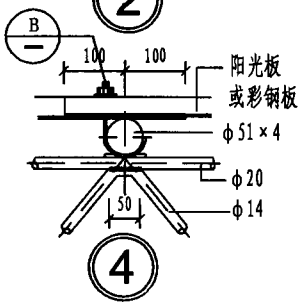
选用时设计人须定出开间数或平面，注明瓦材(阳光板或压型钢(铝)板)．需要时可加图选配铁围栏和大门。

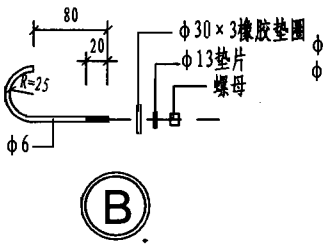
圆拱钢架自行车棚	图集号	苏J08-2006
	页　次	120

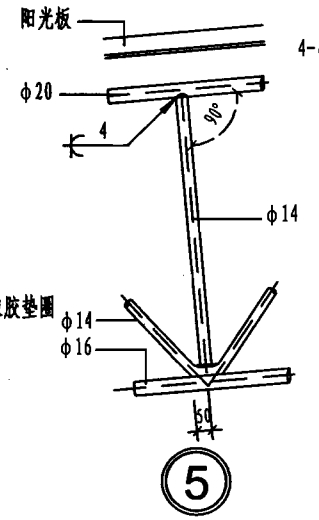


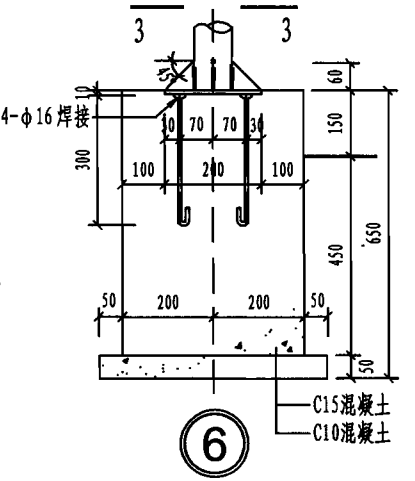


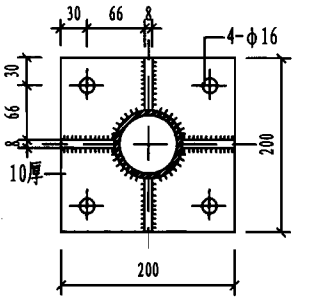












圆拱钢架自行车棚详图

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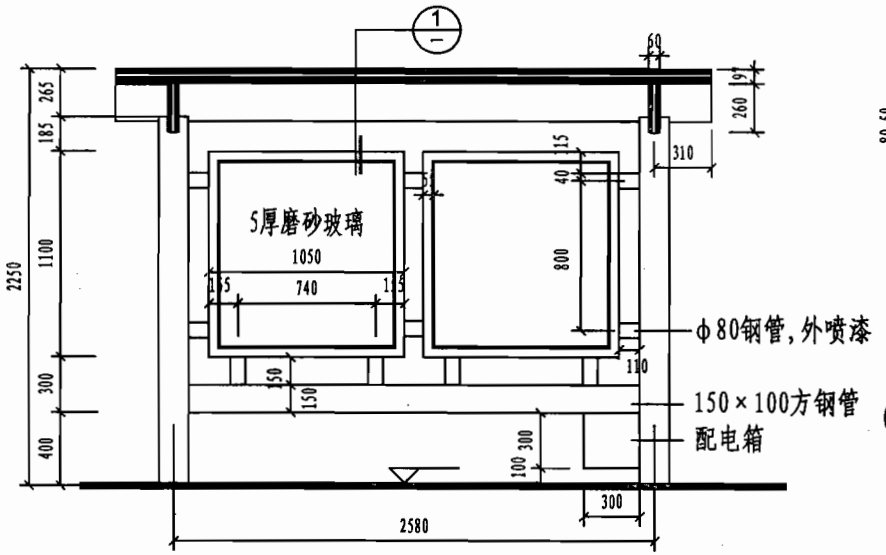
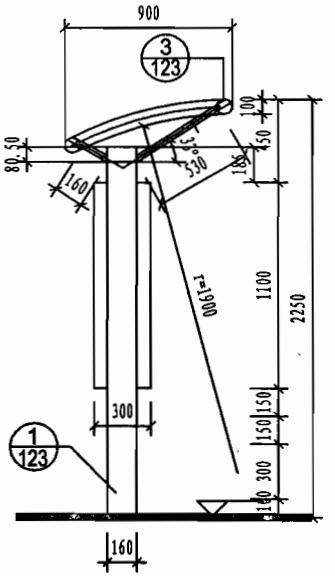
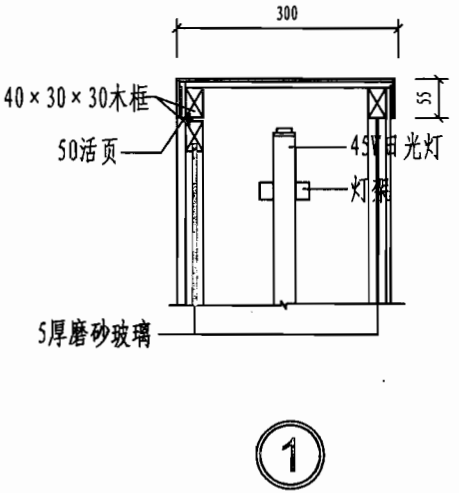
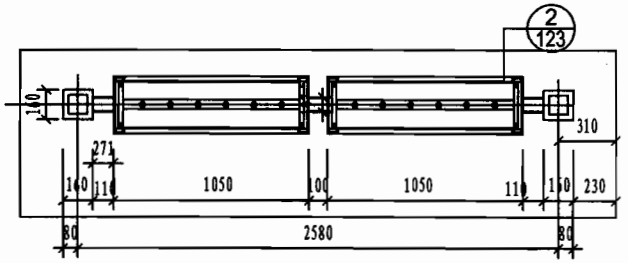


展廊正立面

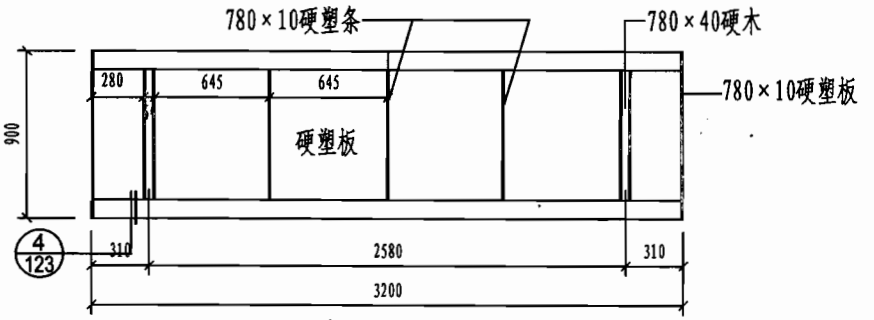


展廊侧立面图





展廊平面图



展廊顶面图

说明:

外露构件需经喷漆加工,构件连接处电焊.

展 廊	图集号	苏J08-2006
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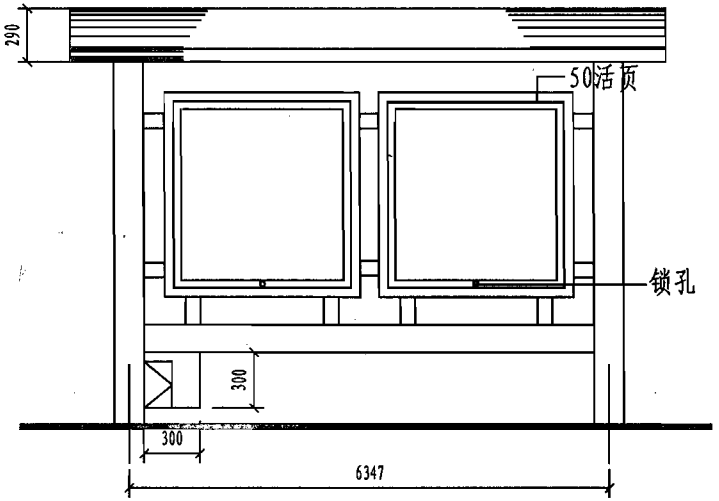
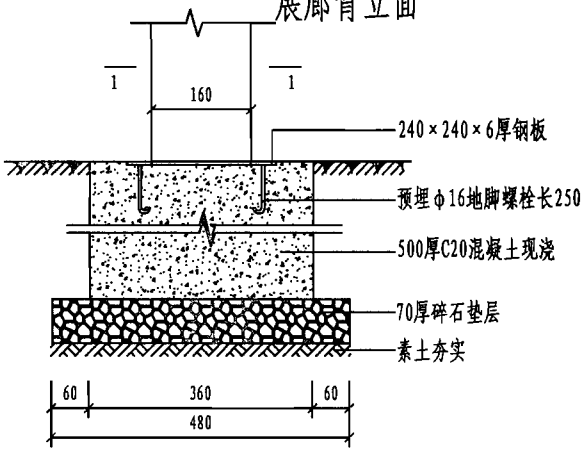
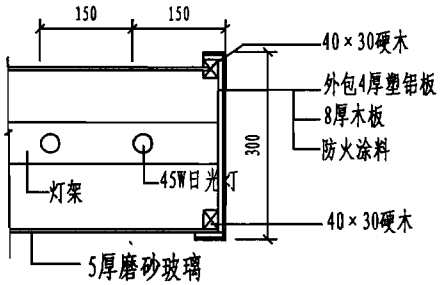


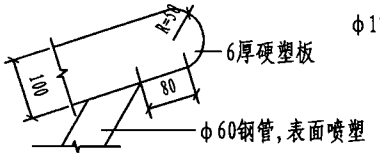
展廊背立面



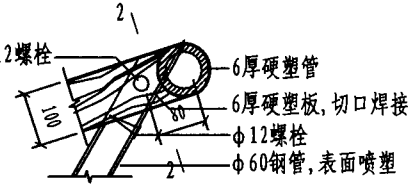
①



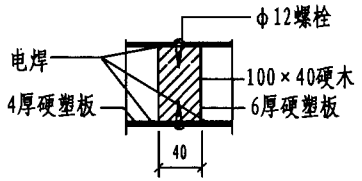
②



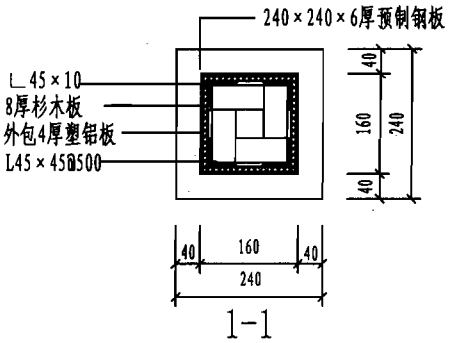
③



④



2-2



1-1

展 廊	图集号	苏J08-2006
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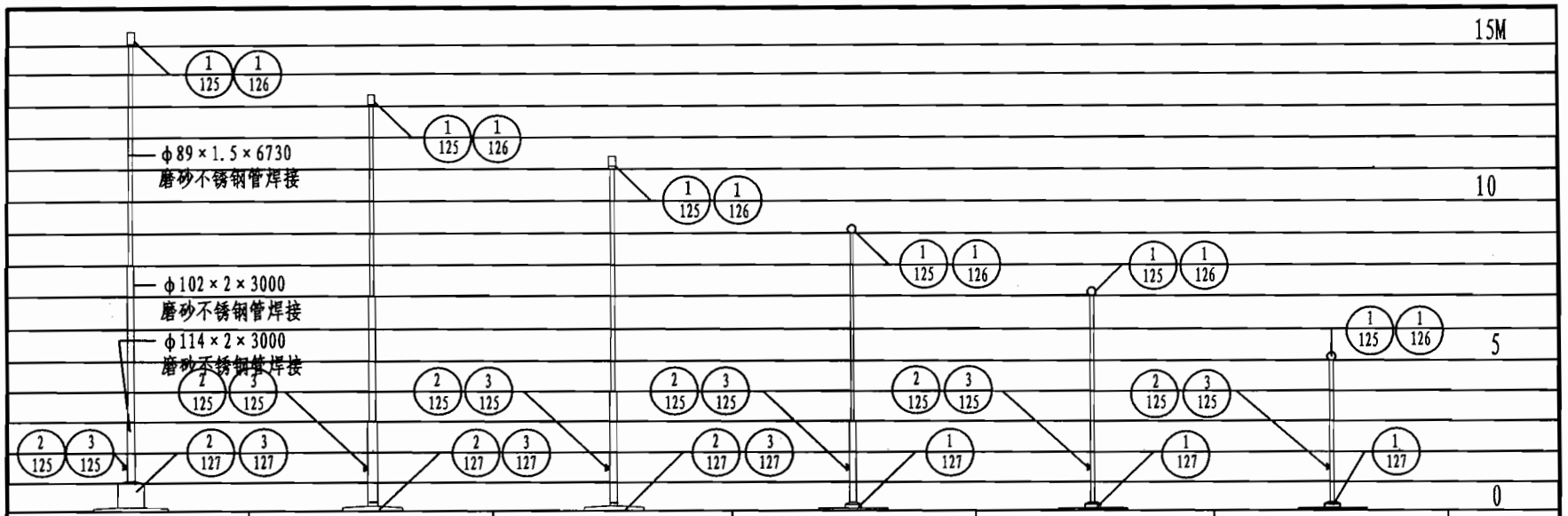

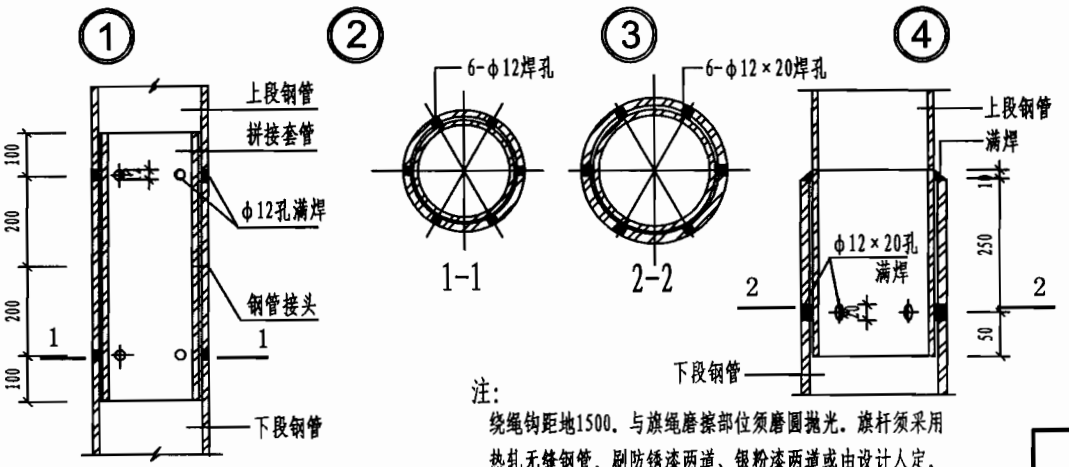

⑤ ⑥

相同口径钢管对接

上段钢管 下段钢管	φ108×6	φ133×8	φ159×8
拼接套管	φ95×6	φ114×8	φ140×8
套管长度	600	600	600

不同口径钢管对接

上段钢管	φ108×6	φ133×8
下段钢管	φ133×8	φ159×8

注：
绕绳钩距地1500．与旗绳磨擦部位须磨圆抛光．旗杆须采用热轧无缝钢管．刷防锈漆两道、银粉漆两道或由设计人定．(或采用不锈钢磨砂钢管)

独立式旗杆

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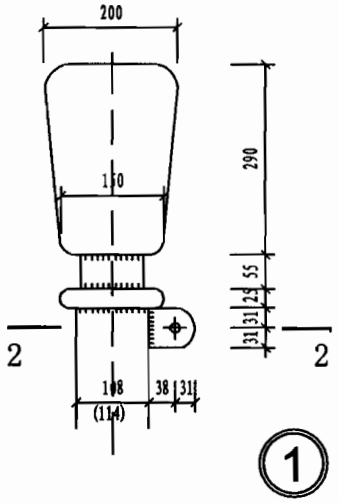
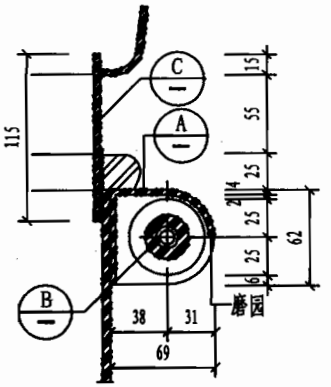
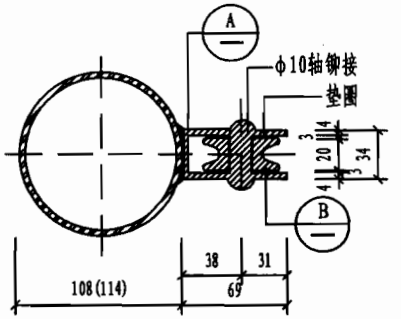
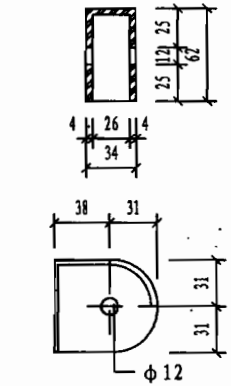




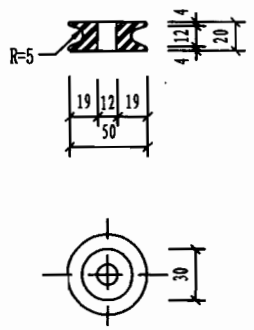
1-1



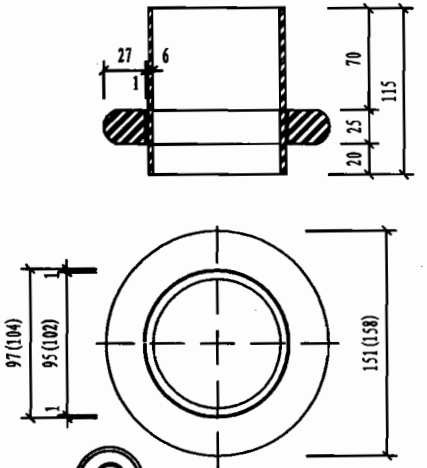
2-2



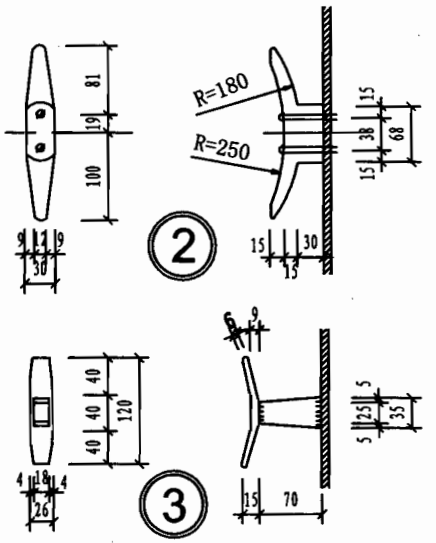
A



B



C



注：（1）括号内的数字用于φ114钢管活动式旗杆，（2）滑轮③为青铜，轮轴（φ10）用45号钢；绕绳钩②为黄铜，③为钢板焊制，要求打磨光滑，转角磨圆。

长圆形旗杆顶 绕绳钩

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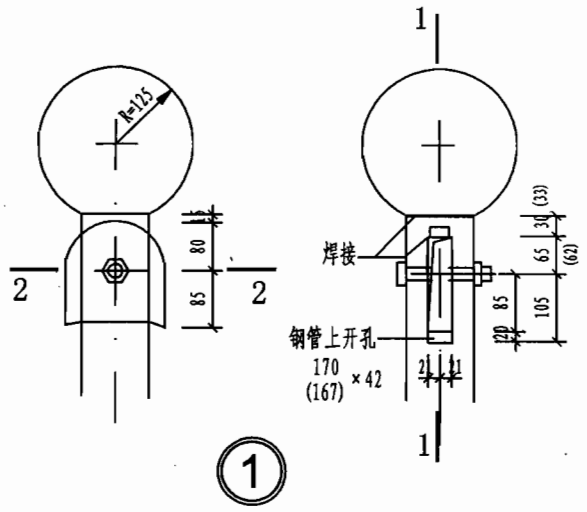

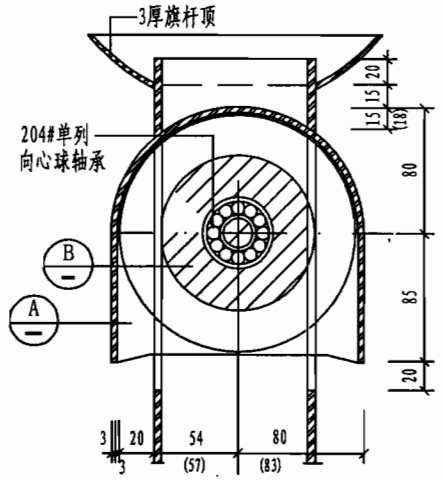

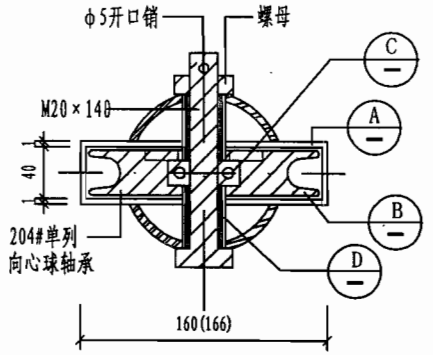

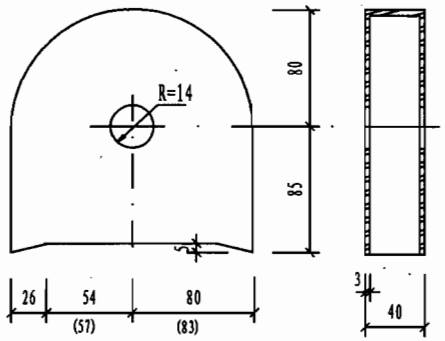

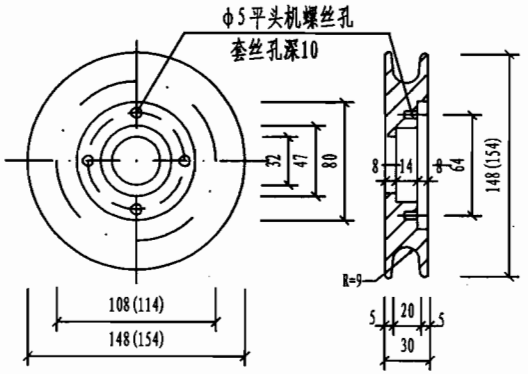

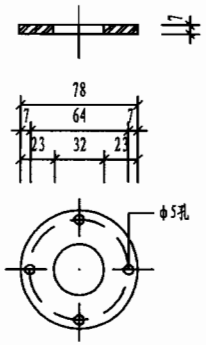

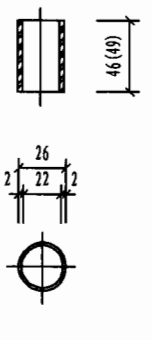

注：（1）滑轮Ⓑ用钢加工．（黄钢）

（2）括号内数字用于φ14钢管活动式旗杆．

球形旗杆顶

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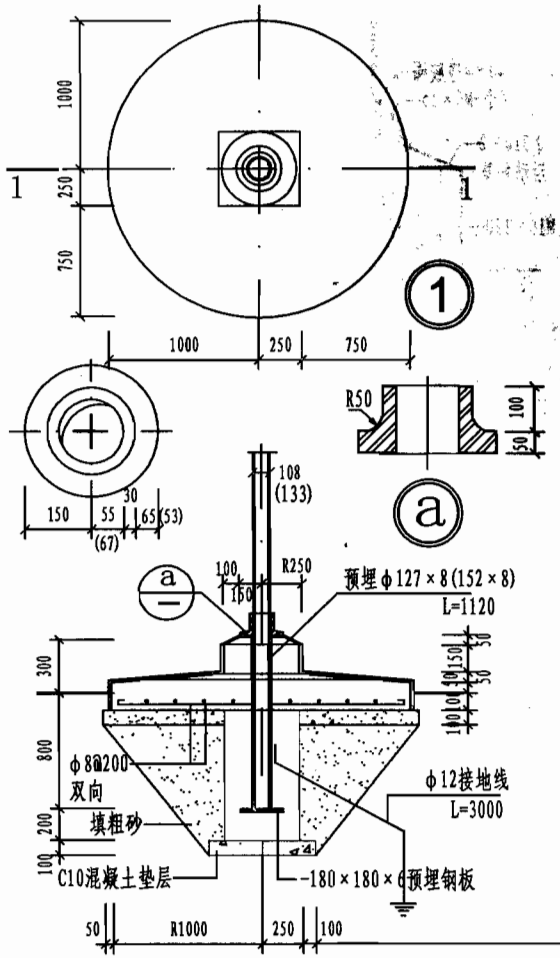

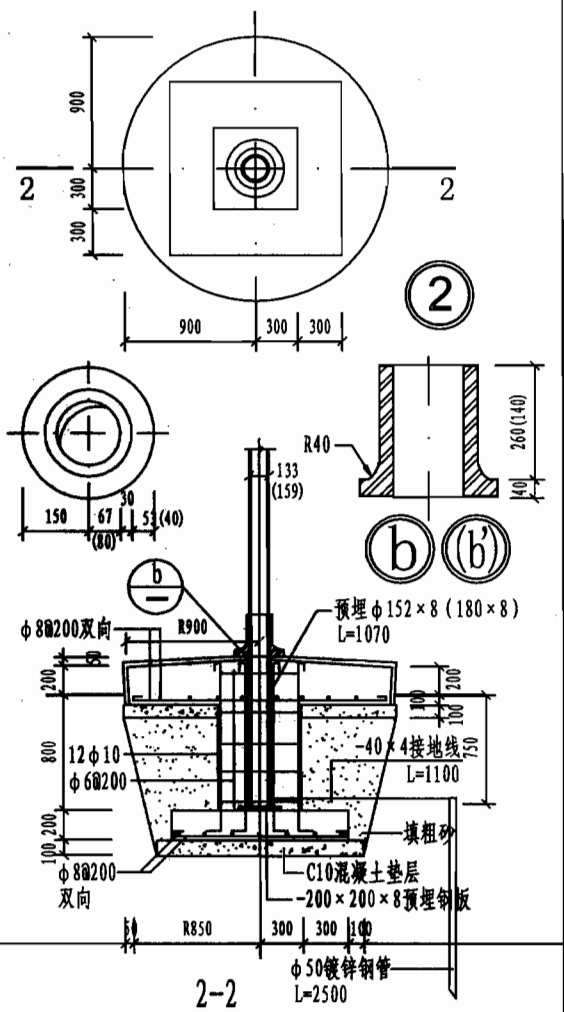

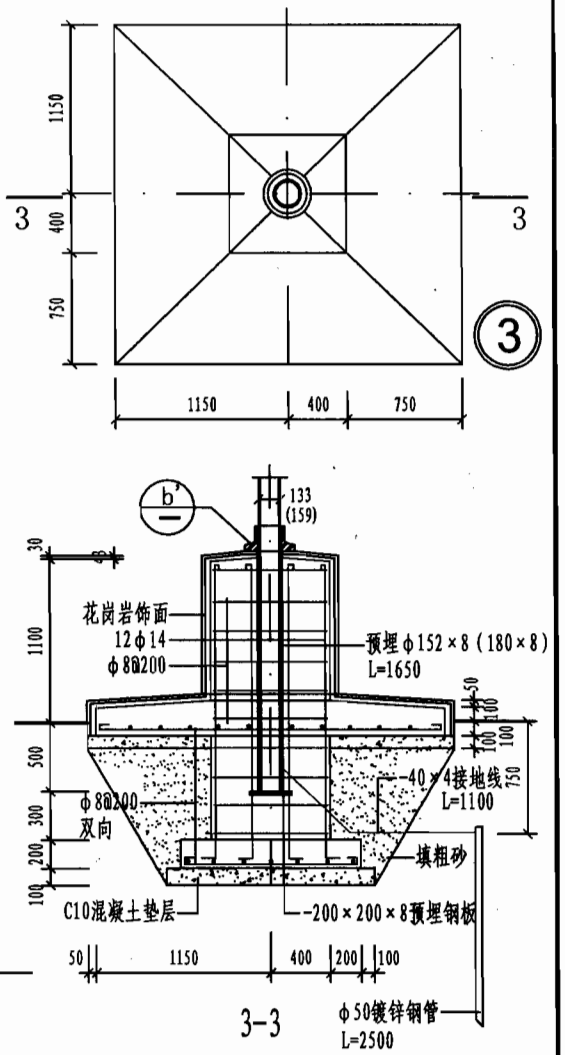

注：1号基座用于5～9M高的旗杆，2、3号基座用于11～15M旗杆。饰面由设计认定。法兰盘为锌铁或锌钢，油漆同旗杆。基座C15混凝土现浇。

旗杆座

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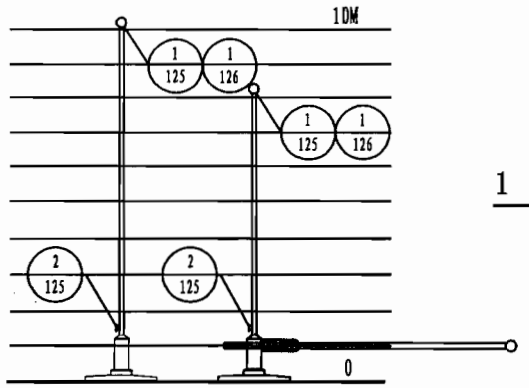
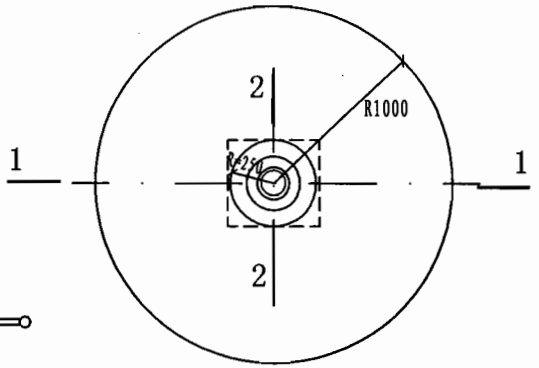
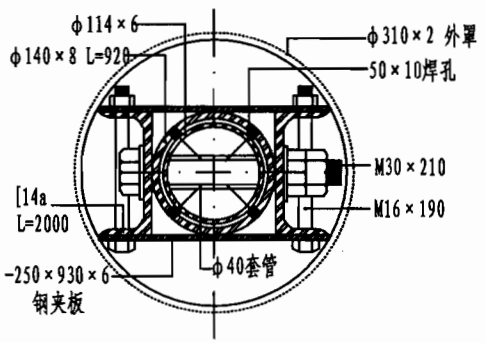


φ114×6
φ140×8

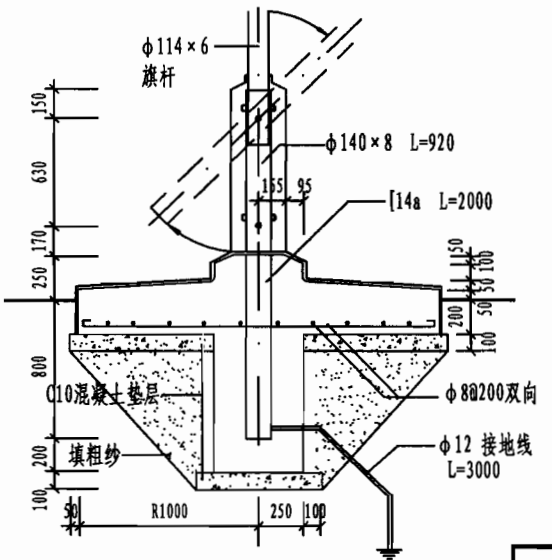
① ②



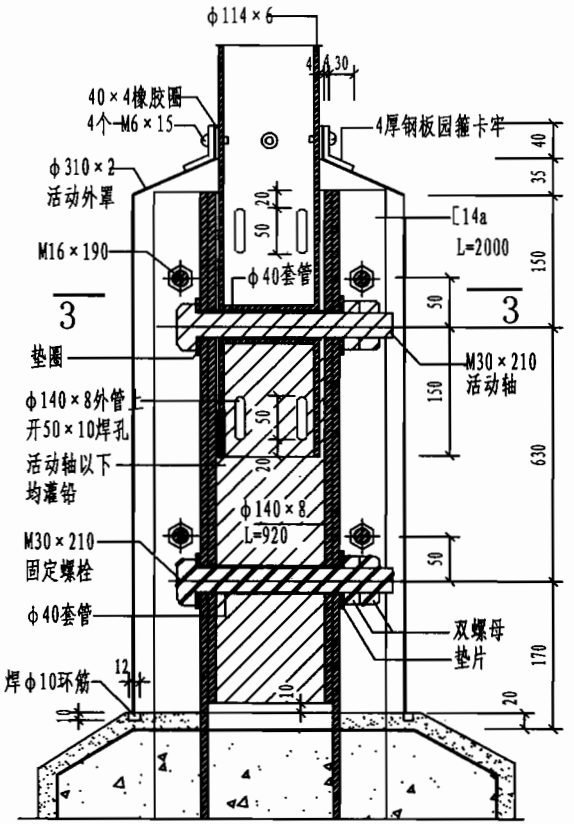
基座平面



3-3



1-1



2-2

注：
旗杆采用热轧无缝钢管，旗杆放到顺序：
卸下绕绳钩；卸下钢板箍螺丝；上提活动外罩；卸掉钢板夹；抽出下部固定螺栓；绕活动轴放到旗杆。
所有金属构件均刷防锈漆两道、银粉漆两道或由设计人定。
基座C15混凝土现浇

活动式旗杆	图集号	苏J08-2006
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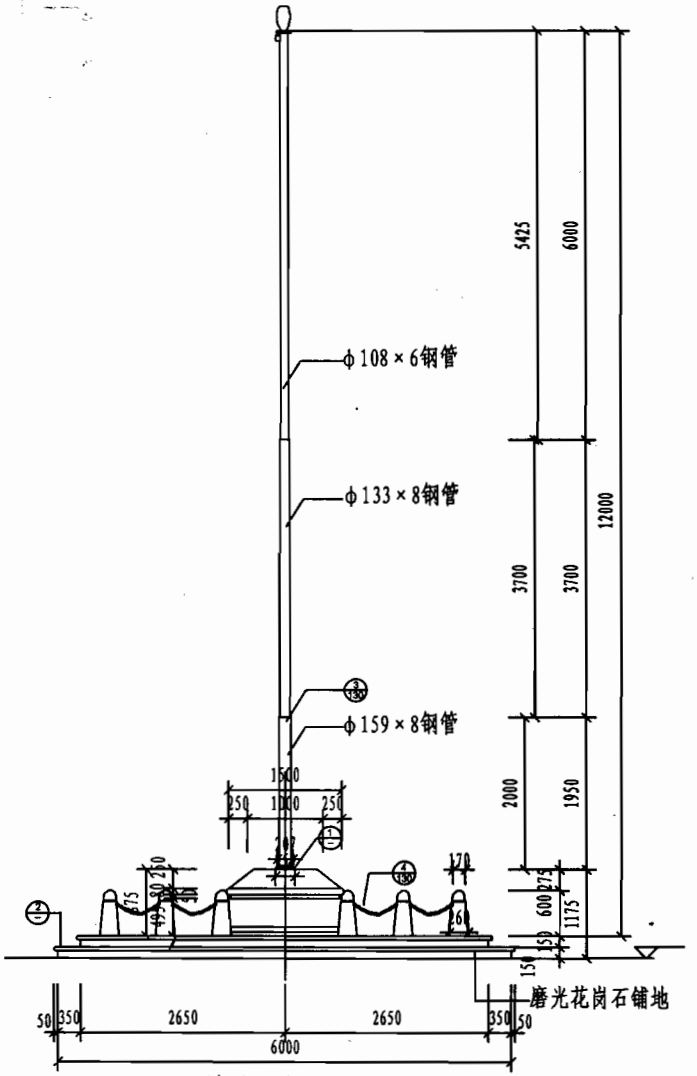
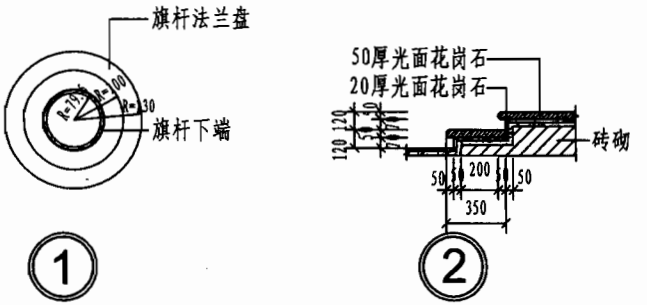
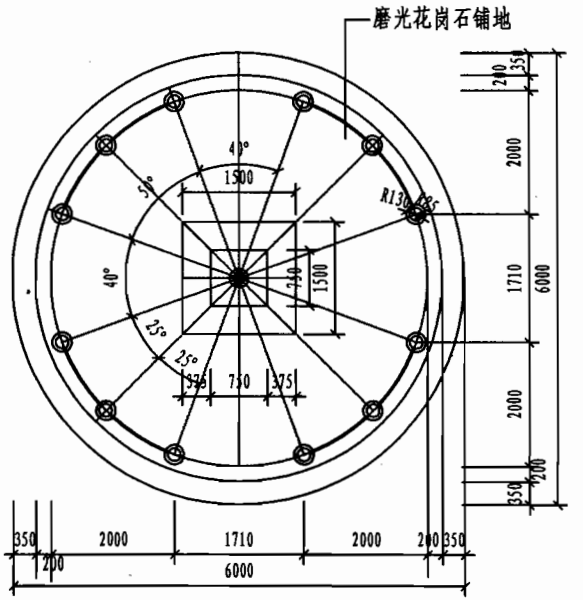


旗杆基座立面图





旗杆基座平面图

旗台平面图

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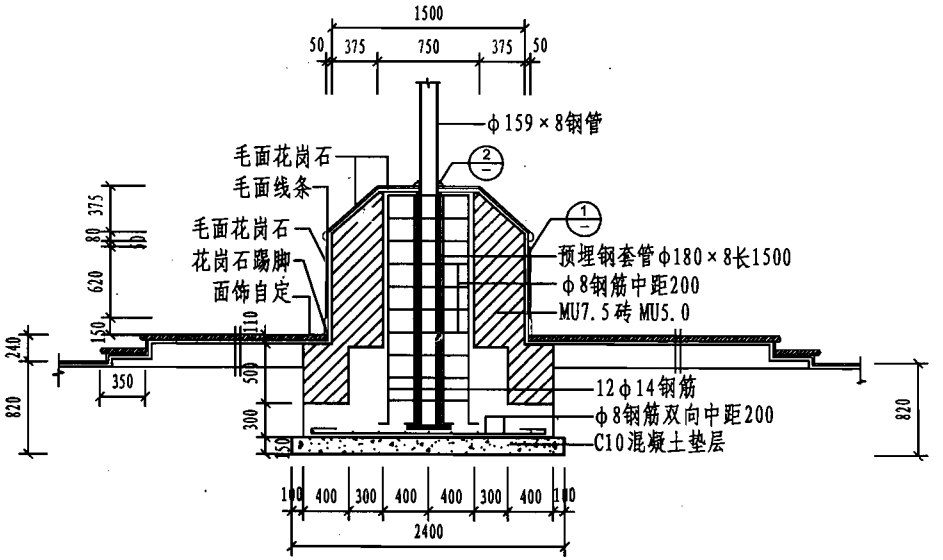
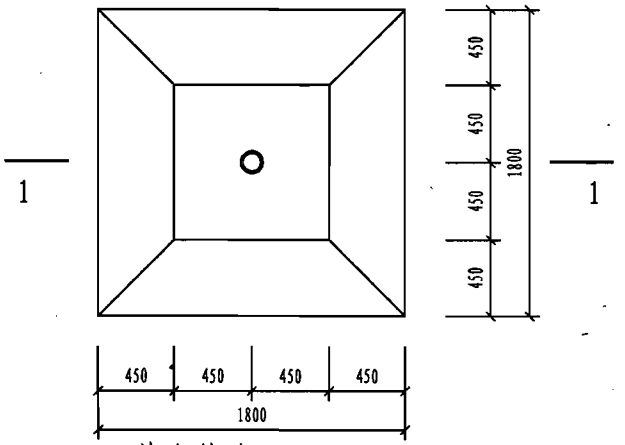
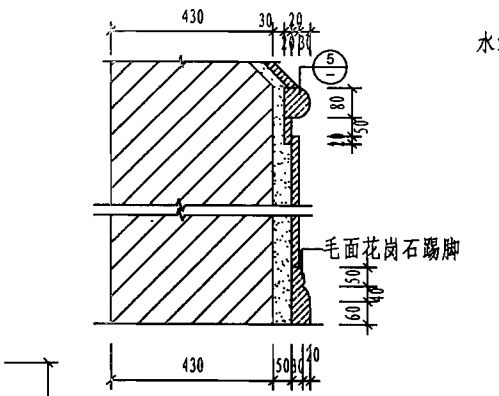


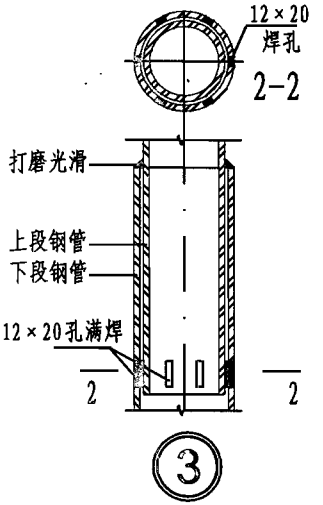
1-1



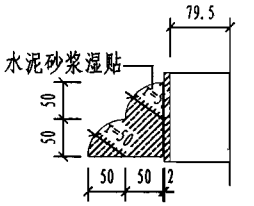
旗台基础平面图



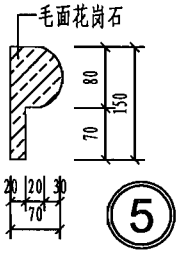
1 基座饰面大样图



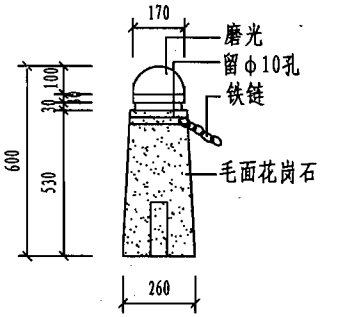
3



2



5



4

注:
自动升降及鼓风机系统与制做厂家联系后在行确定.

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