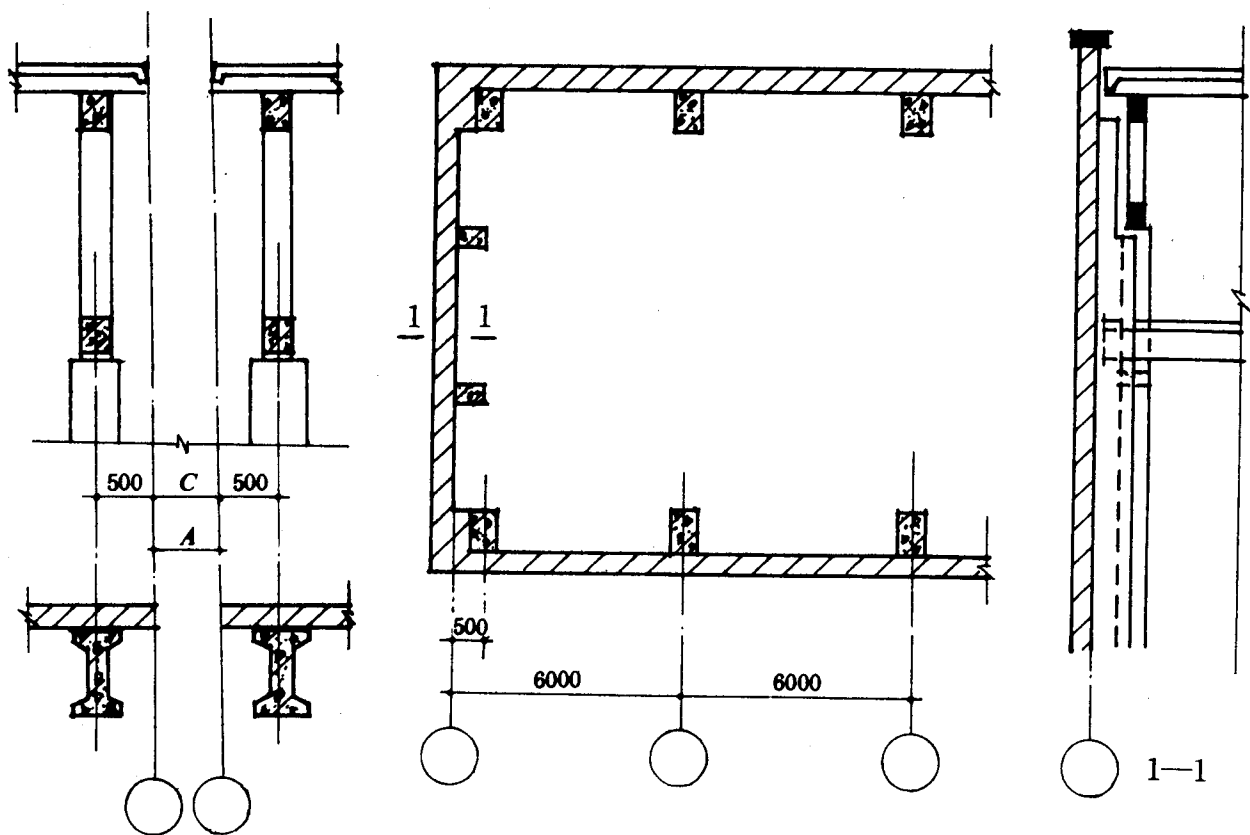
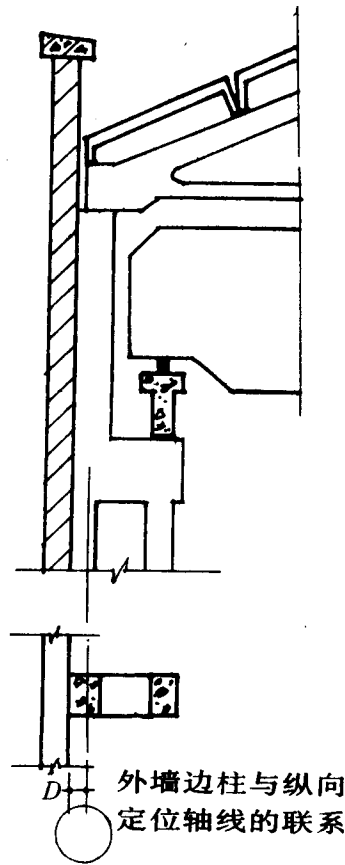
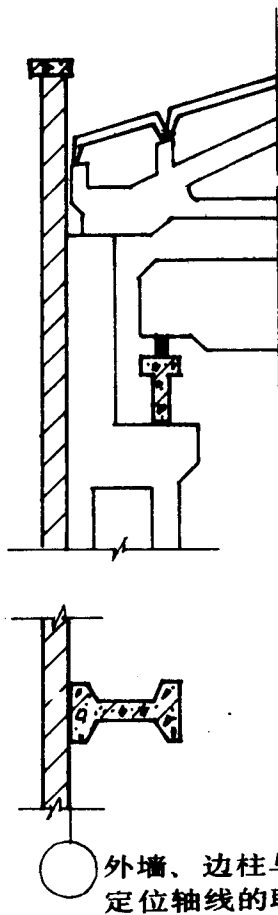
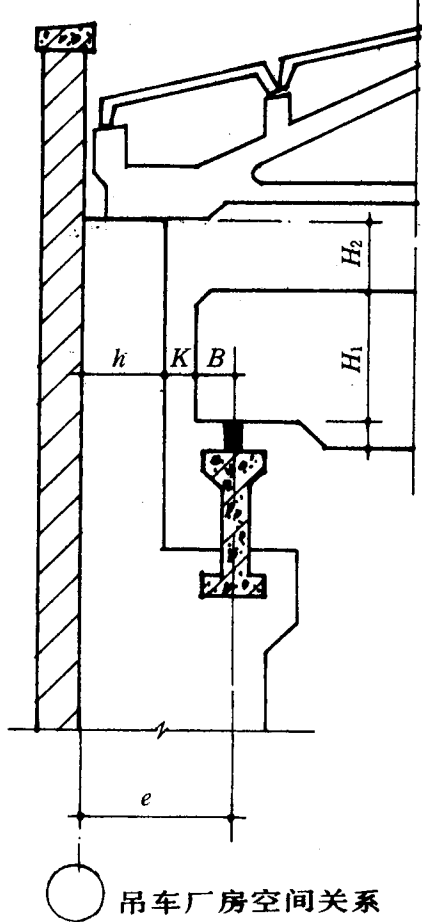
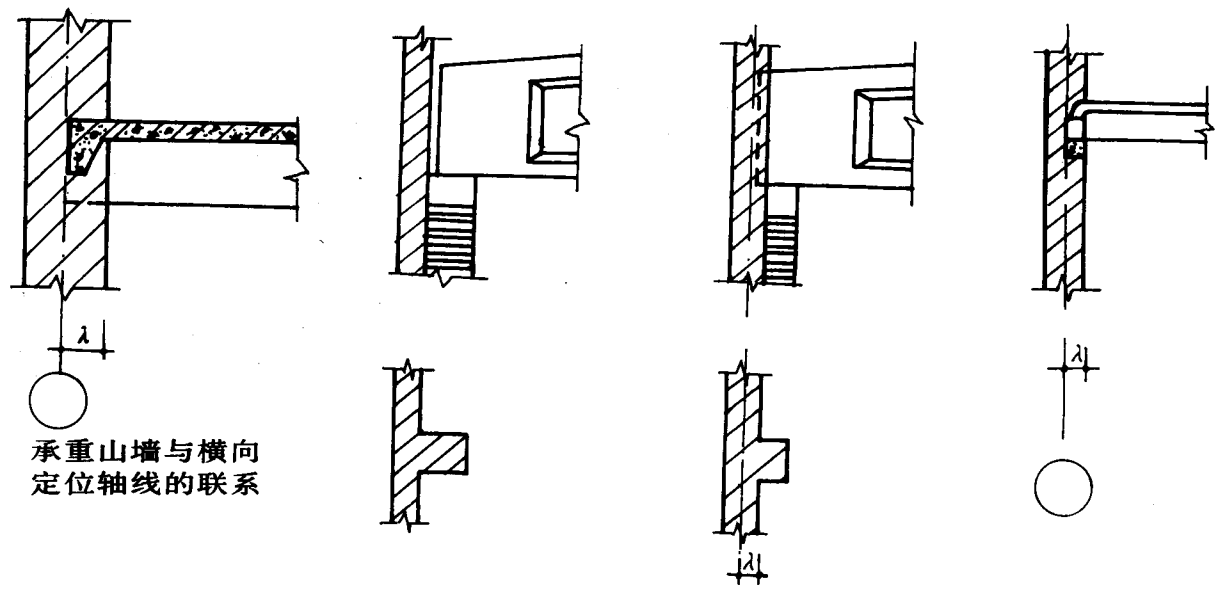




横向伸缩缝兼作防震缝时柱与横向定位轴线的联系 非承重山墙与横向定位轴线的联系

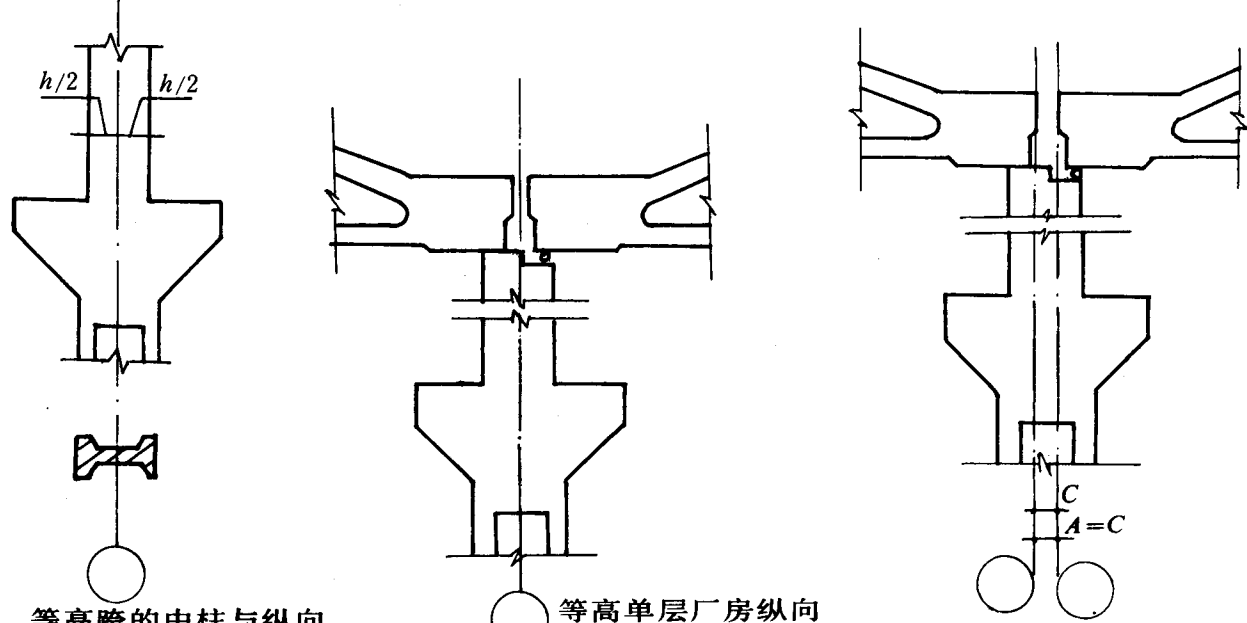


单层厂房 [1] 定位轴线



承重山墙与横向定位轴线的联系

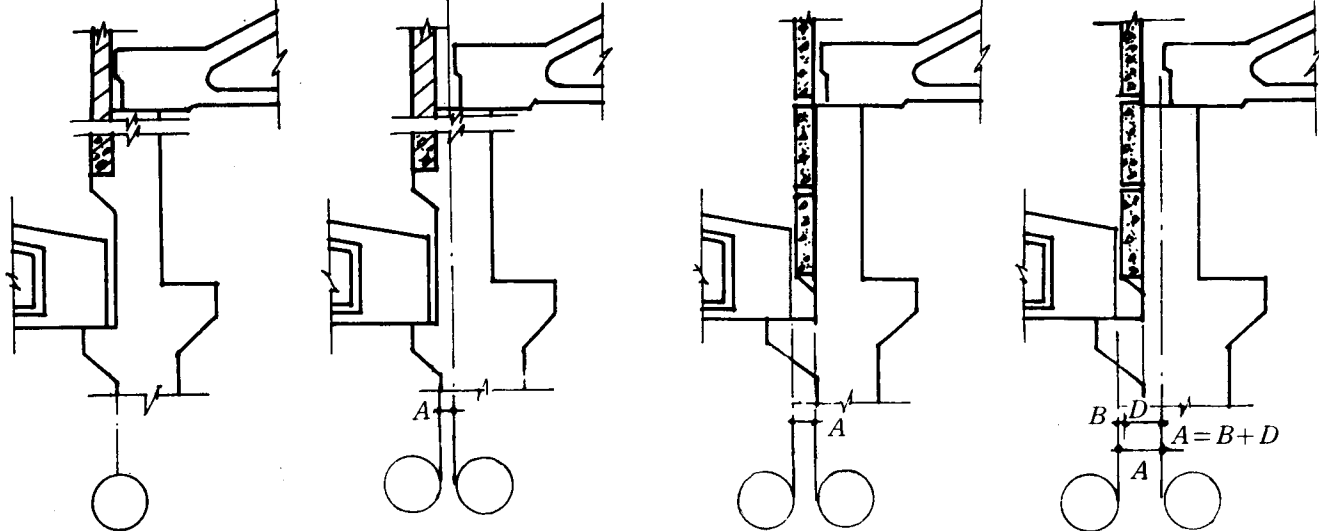
带承壁柱的外墙及承重外墙与纵向定位轴线的联系



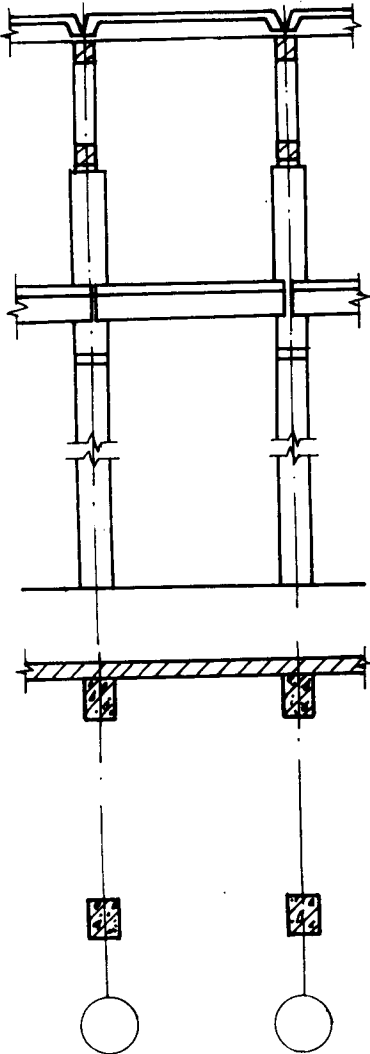
等高跨的中柱与纵向定位轴线的联系

等高单层厂房纵向伸缩缝处单柱与纵向定位轴线的联系

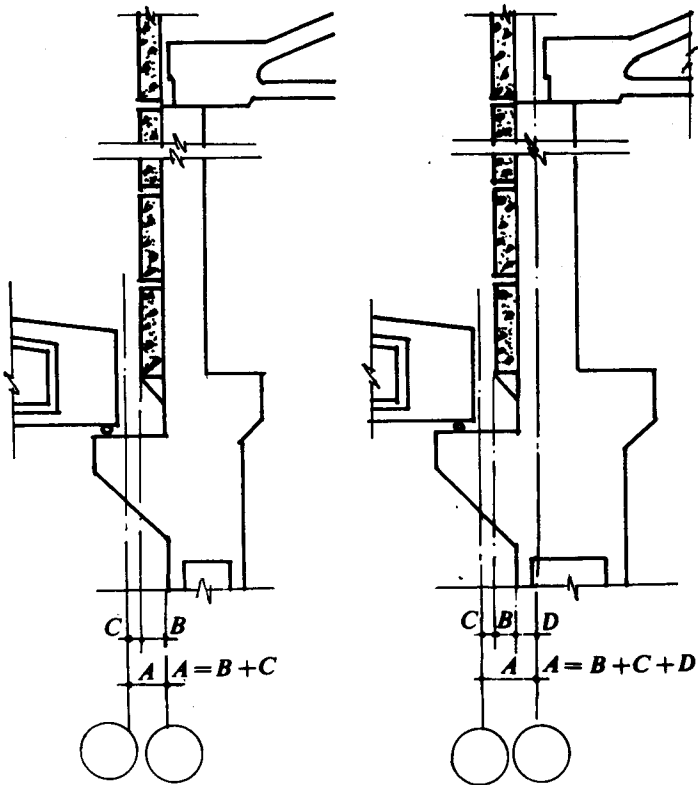
等高单层厂房纵向变形缝处单柱与双轴线的联系



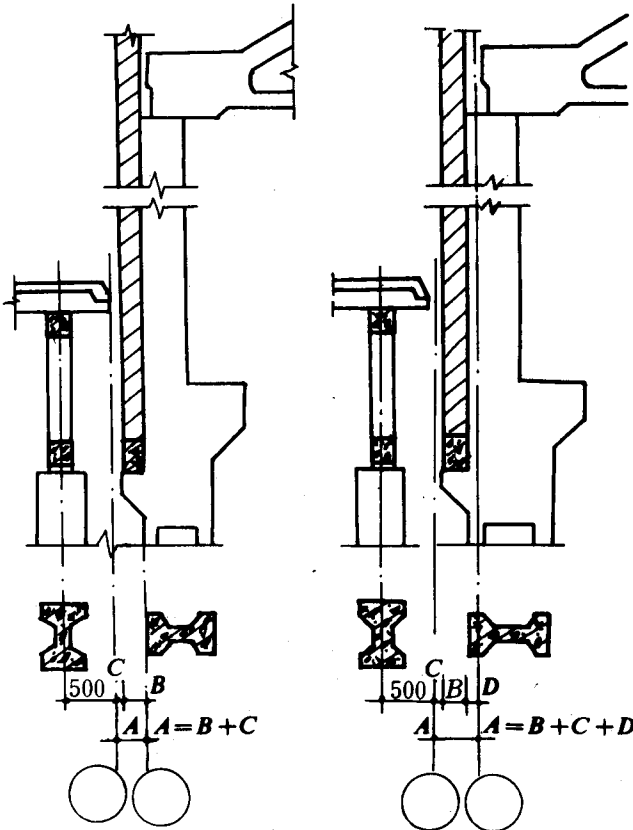
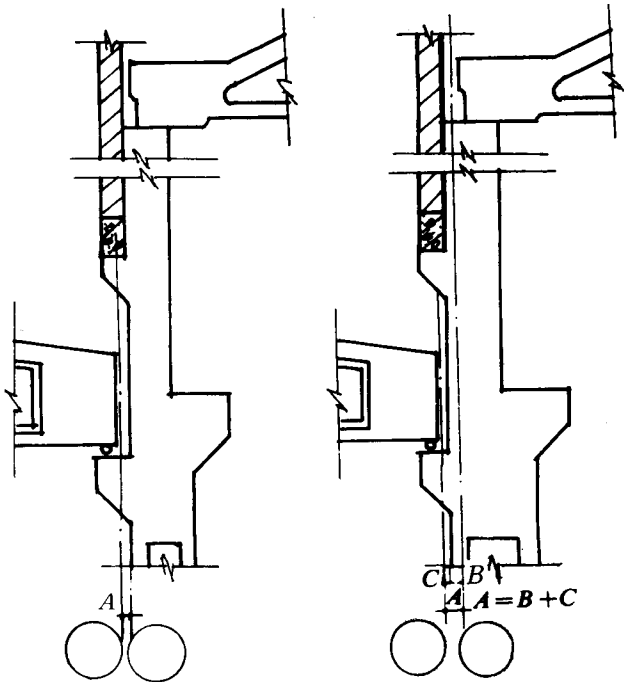
高低跨处单柱与纵向定位轴线联系



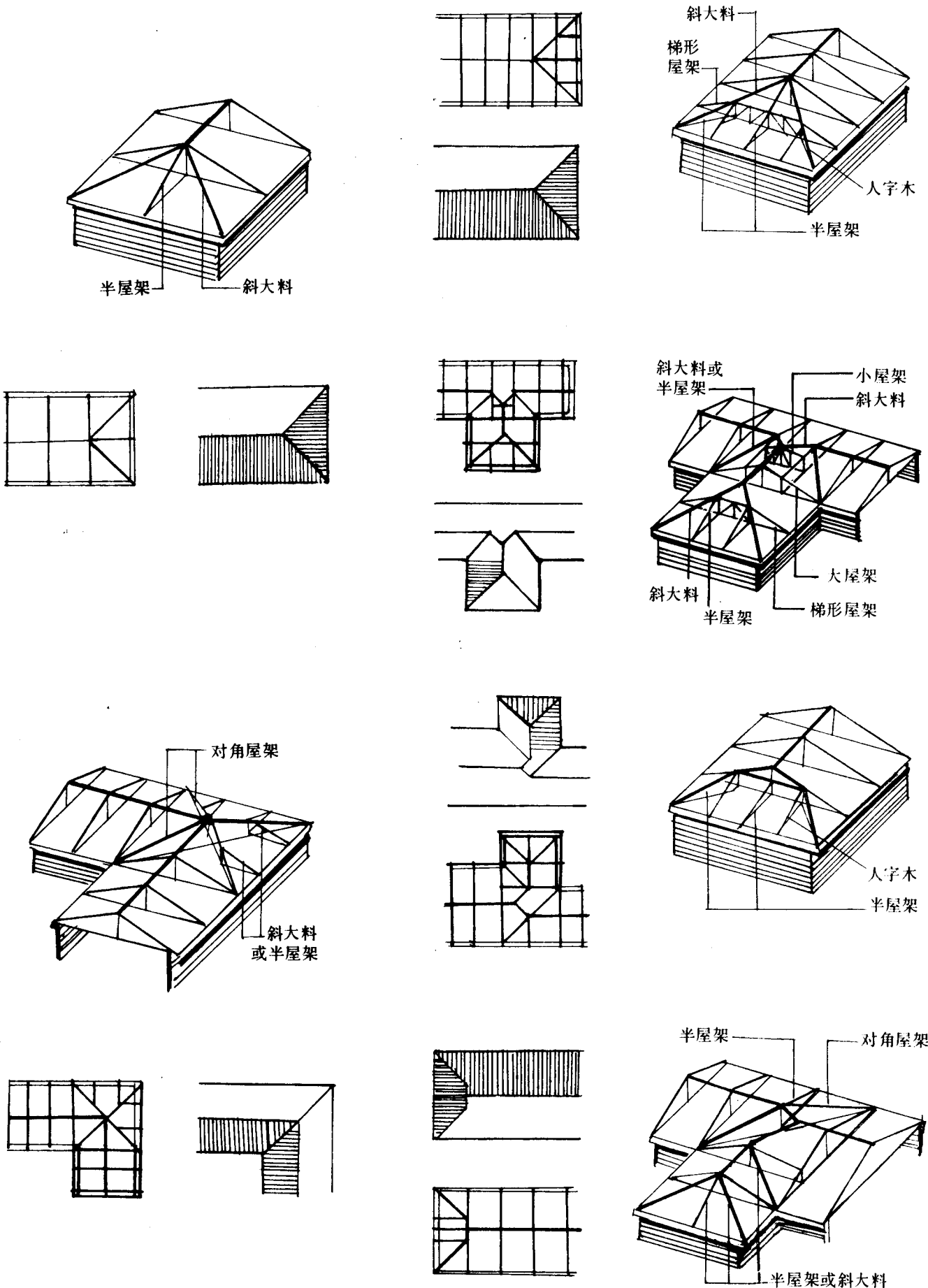
柱与横向定位轴线的联系

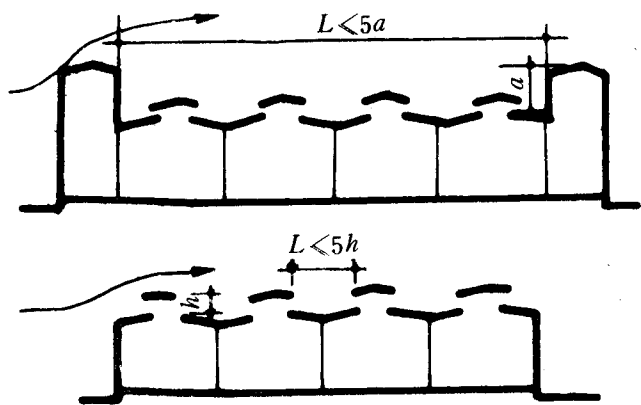
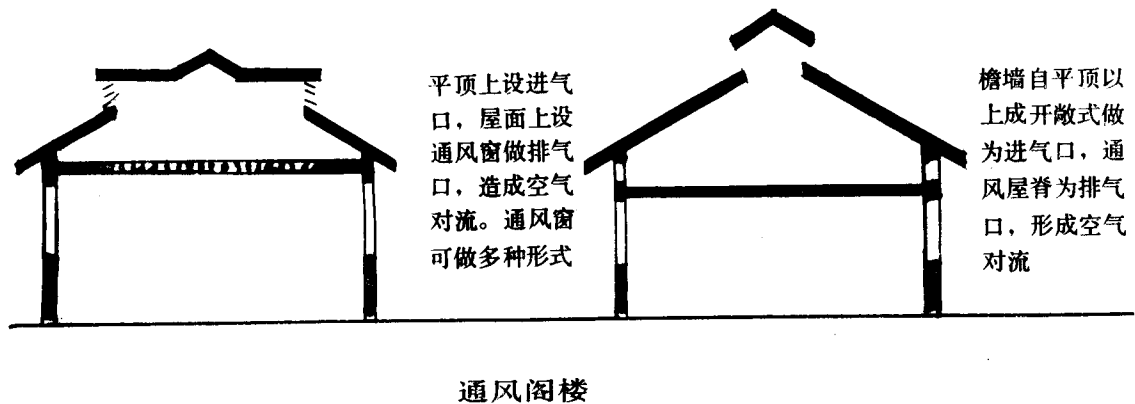
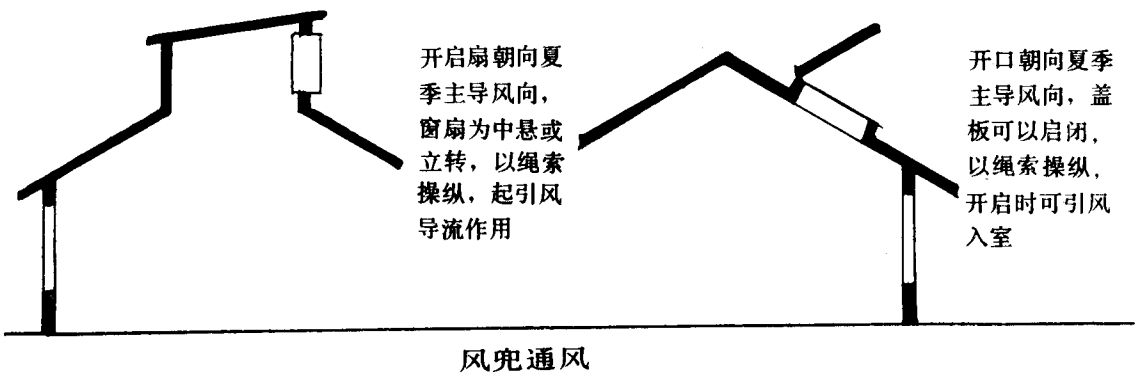


不等高厂房纵向伸缩缝处单柱与纵向定位轴线的联系

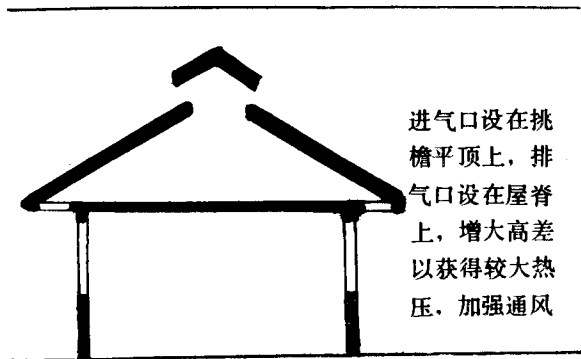


纵横跨交错处柱与定位轴线的联系

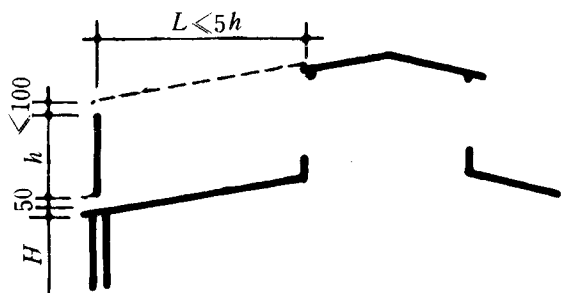




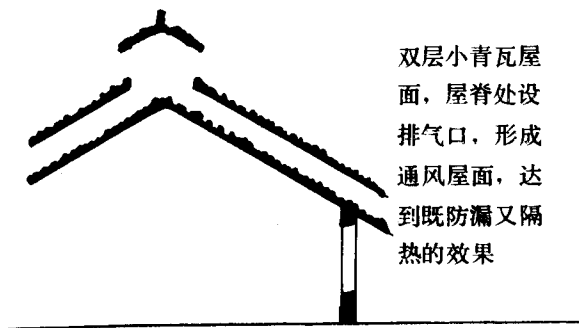
天窗处于负压的条件的两种情况



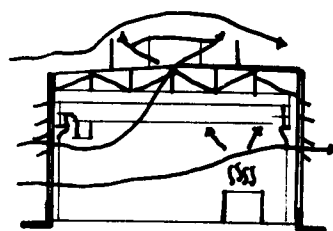
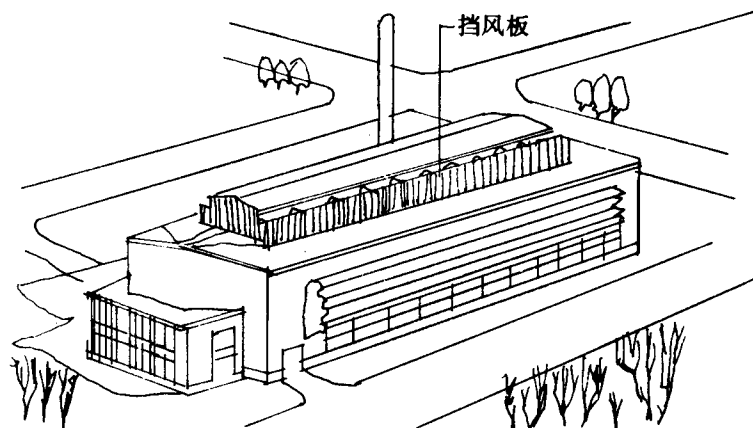
通风阁楼



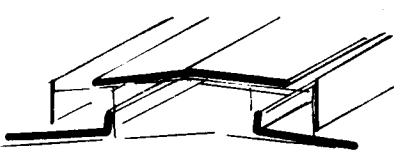
提高边跨女儿墙形成负压



双层瓦屋面



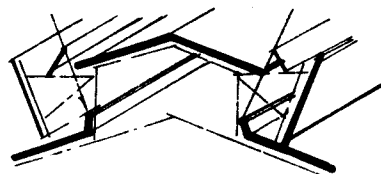
采用避风天窗的锻工车间



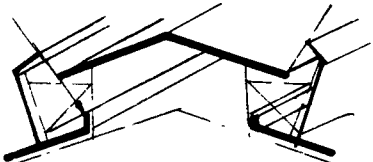
垂直挡风板大挑檐防雨



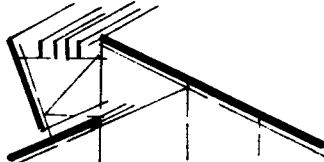
垂直挡风板带斜挡风板



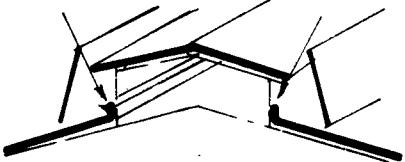
外斜风板带斜挡雨板



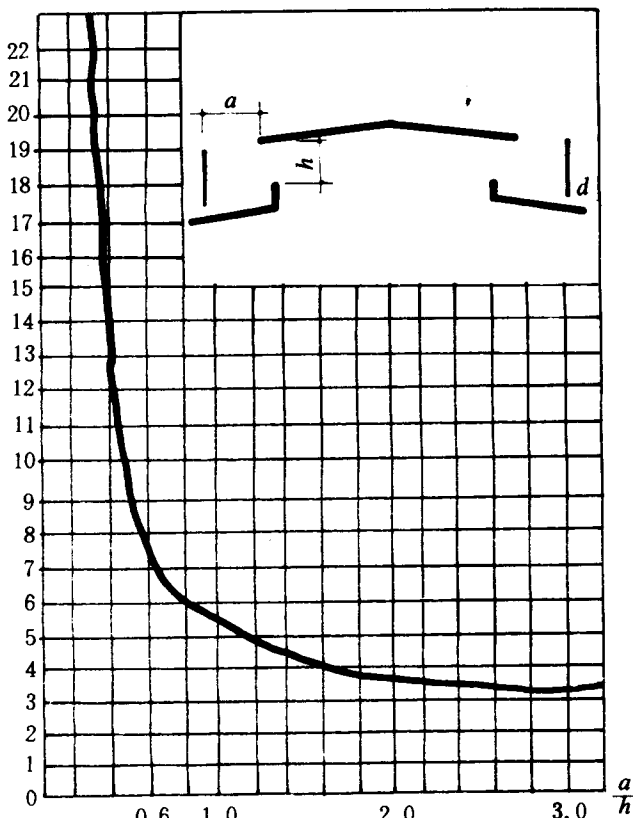
钳式



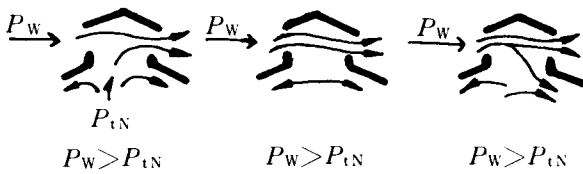
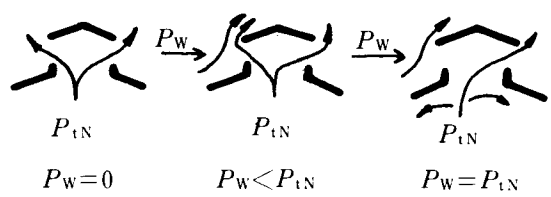
单向外斜挡风板带挡雨格片



内斜挡风板
(石棉瓦或混凝土固定玻璃)

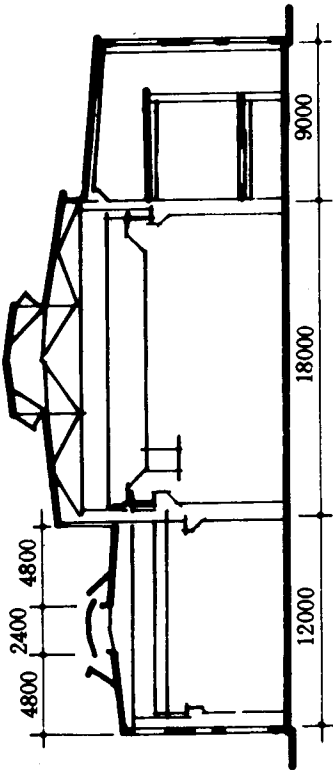


挡风板距离与天窗通风性能的关系

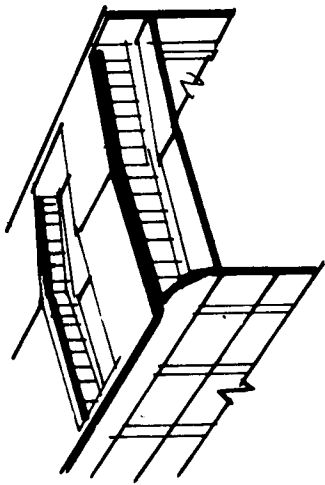


天窗开口处内外压力的大小
与天窗排气的关系

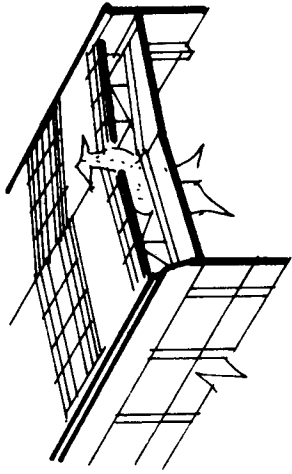
P_w —室外风压; P_{tN} —天窗口处内压



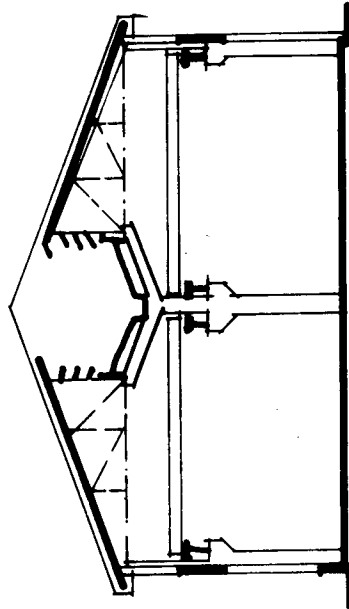
某机床厂铸工车间剖面示意



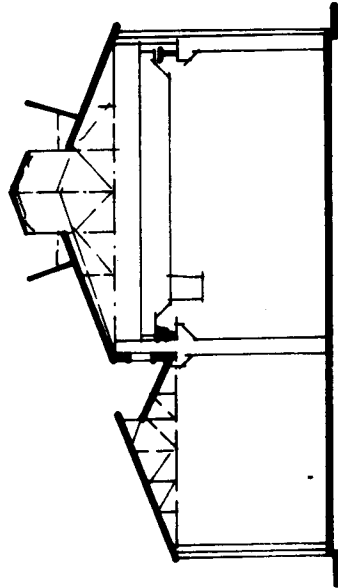
带玻璃窗扇横向下沉式天窗



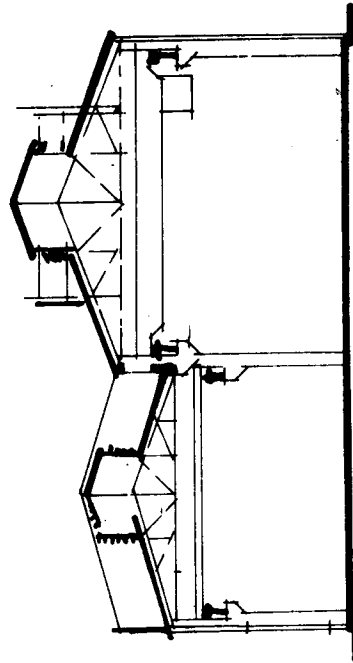
带挡雨格片横向下沉式天窗



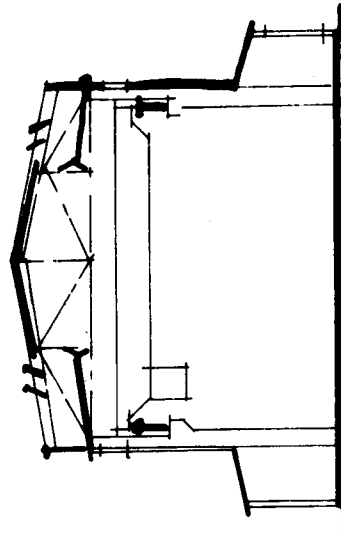
利用内向单侧三角形天窗



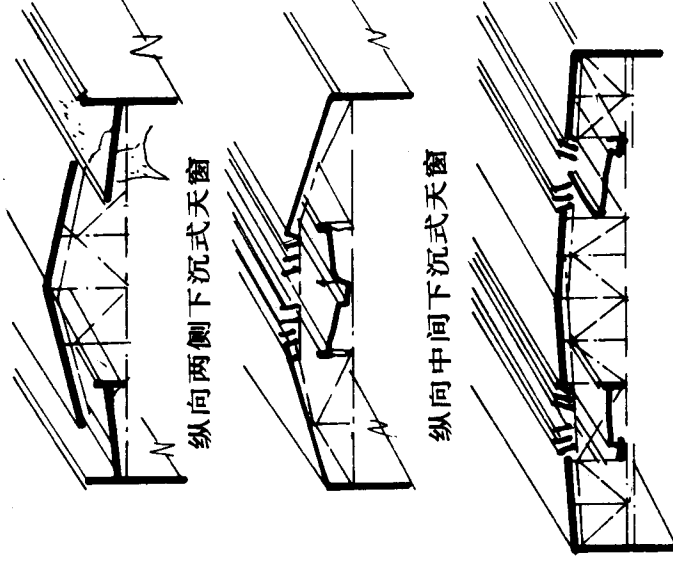
利用高跨及内向单侧三角形天窗



利用高跨及加高低跨女儿墙



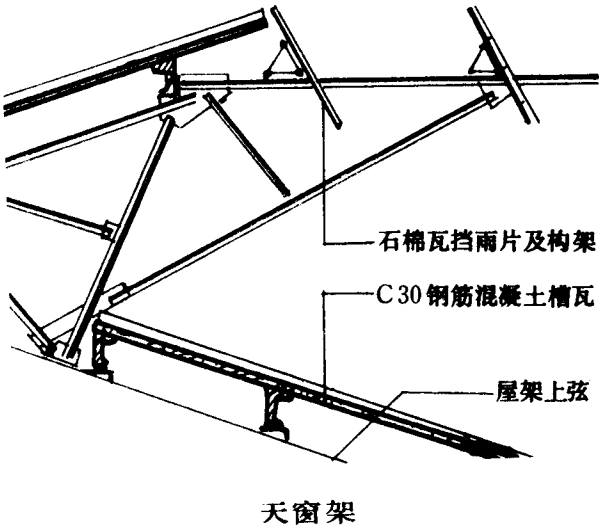
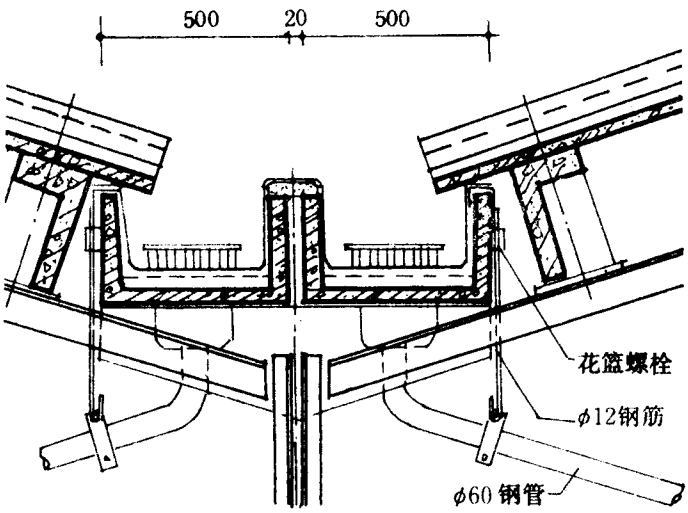
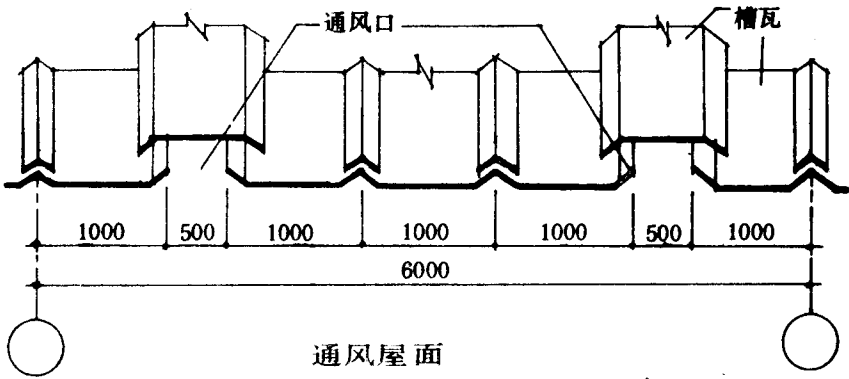
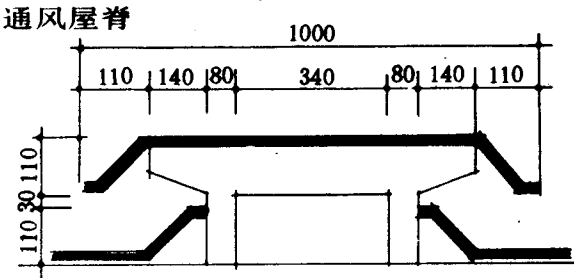
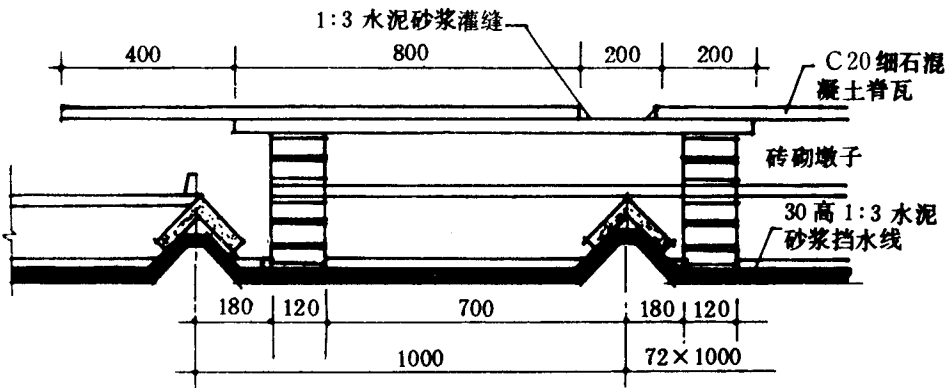
做成纵向下沉式天窗



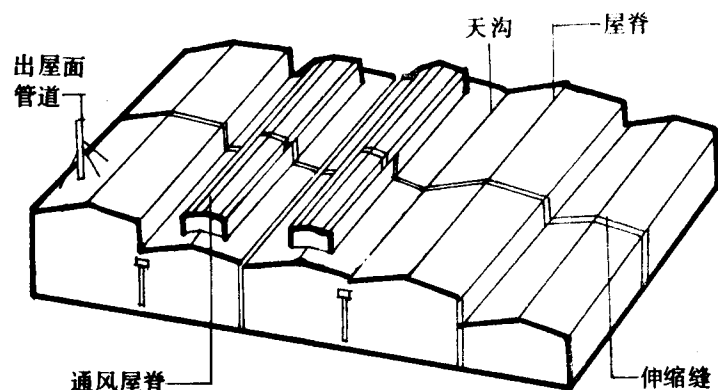
纵向两侧下沉式天窗

纵向中间下沉式天窗

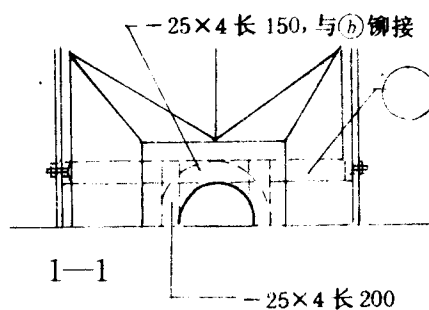
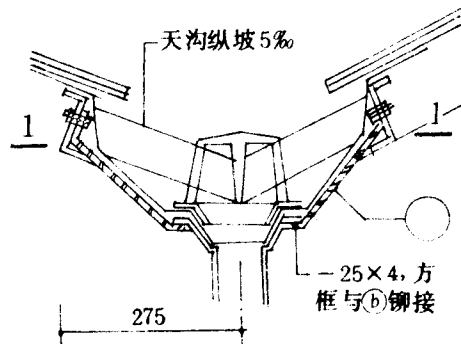
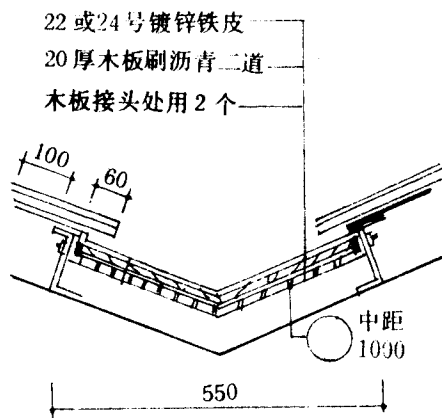
纵向两侧下沉式天窗



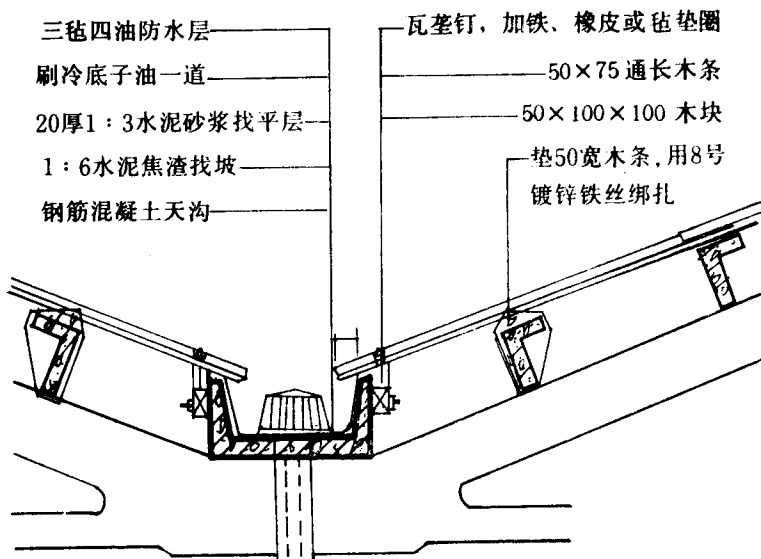
波形瓦 [1] 单层厂房屋面



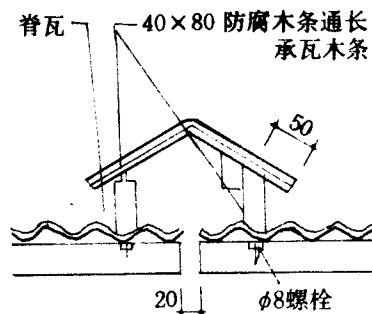
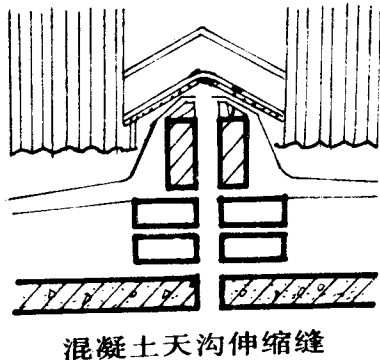
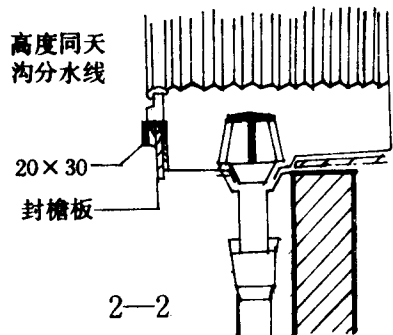
透视



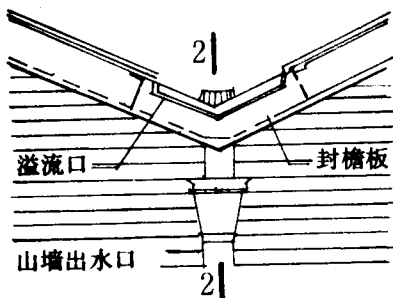
铁皮天沟



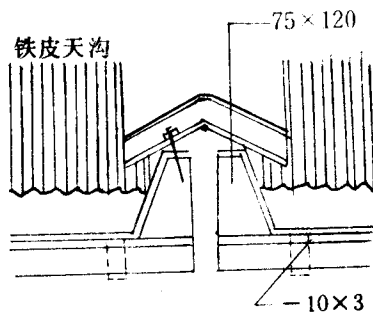
混凝土天沟



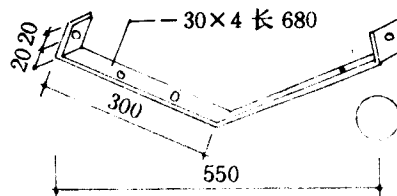
屋面伸缩缝

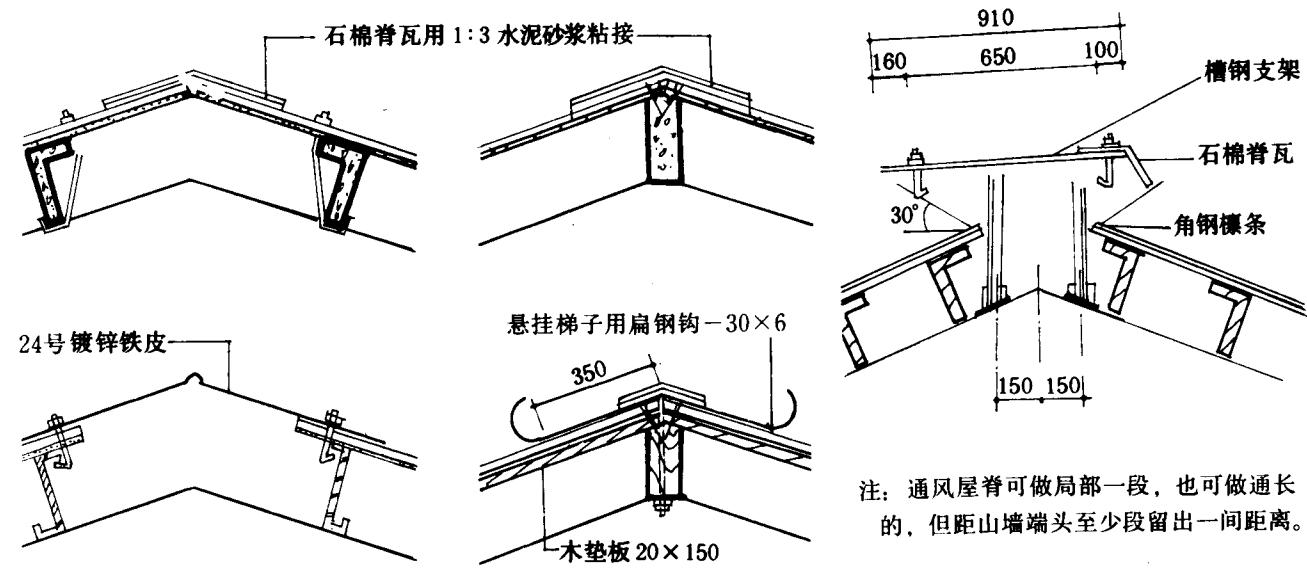


山墙处天沟

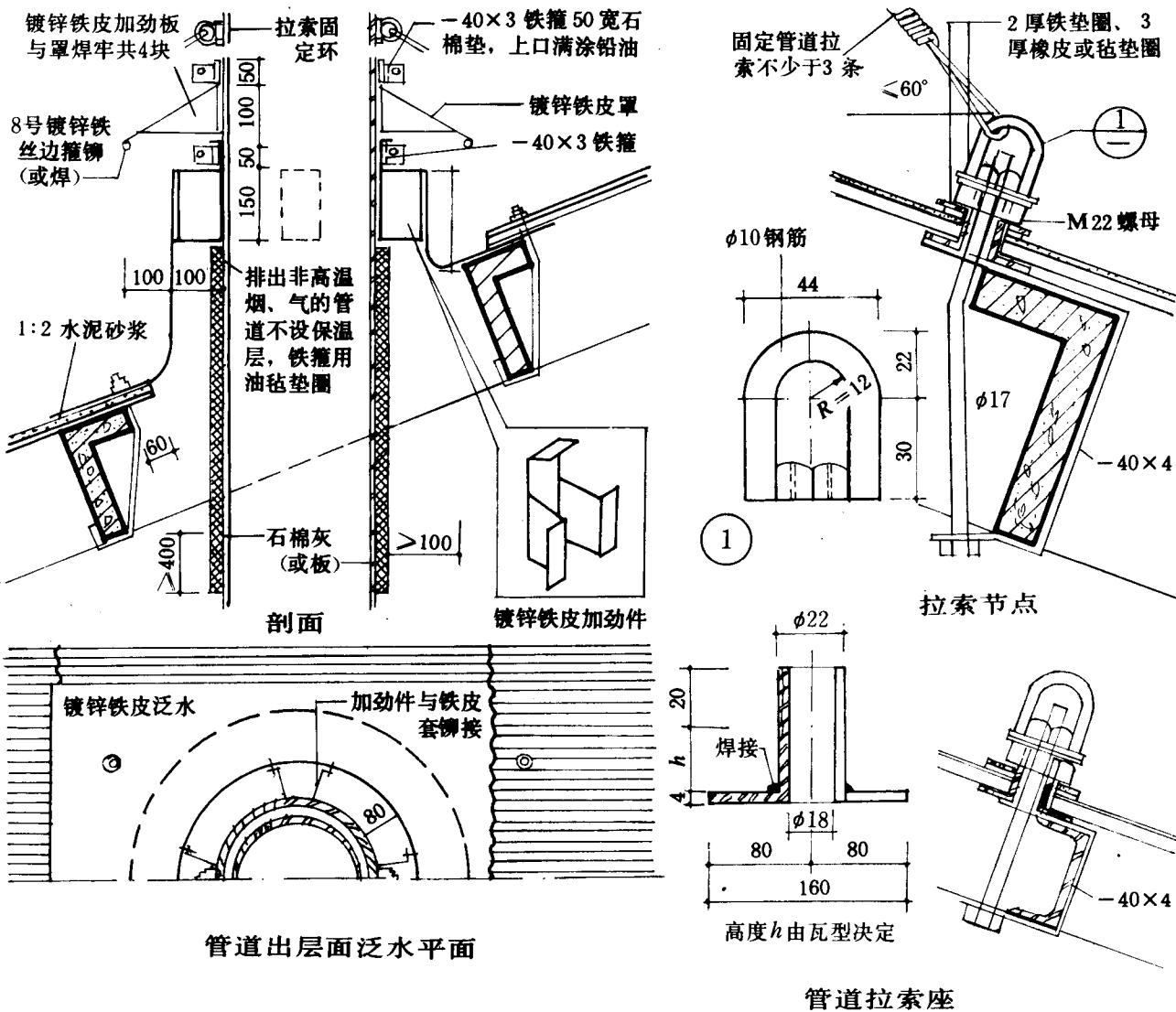


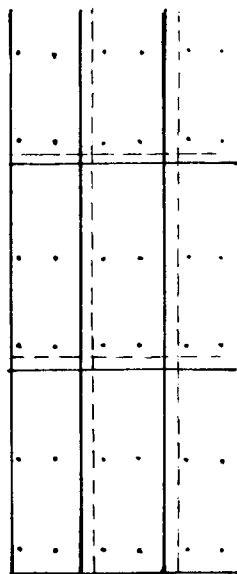
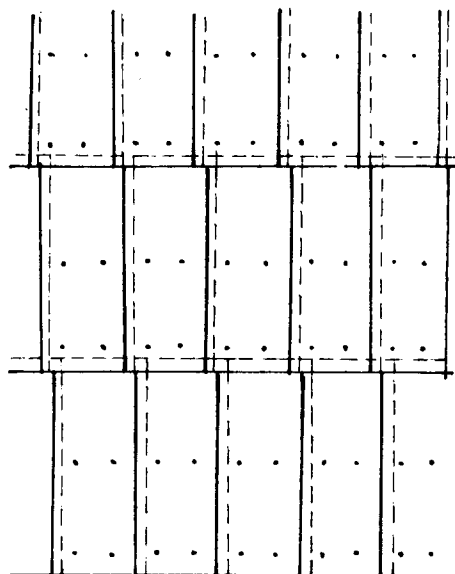
铁皮天沟伸缩缝





通风屋脊形式



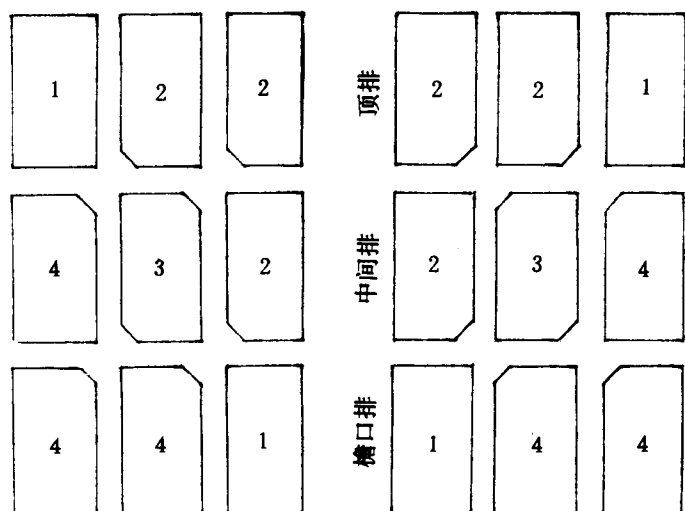


不切角铺法示意(长边错缝)

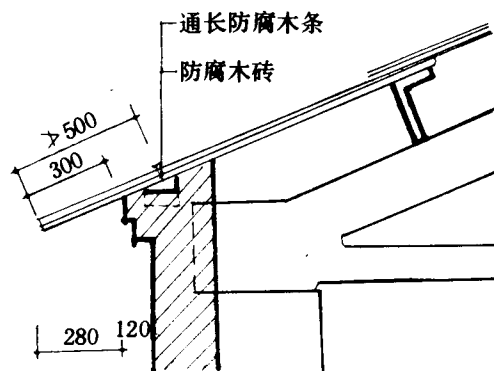
切角铺法示意

由右向左铺设

由左向右铺设

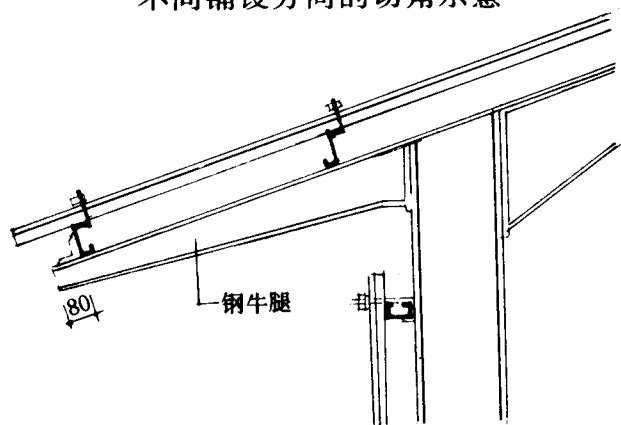


不同铺设方向的切角示意



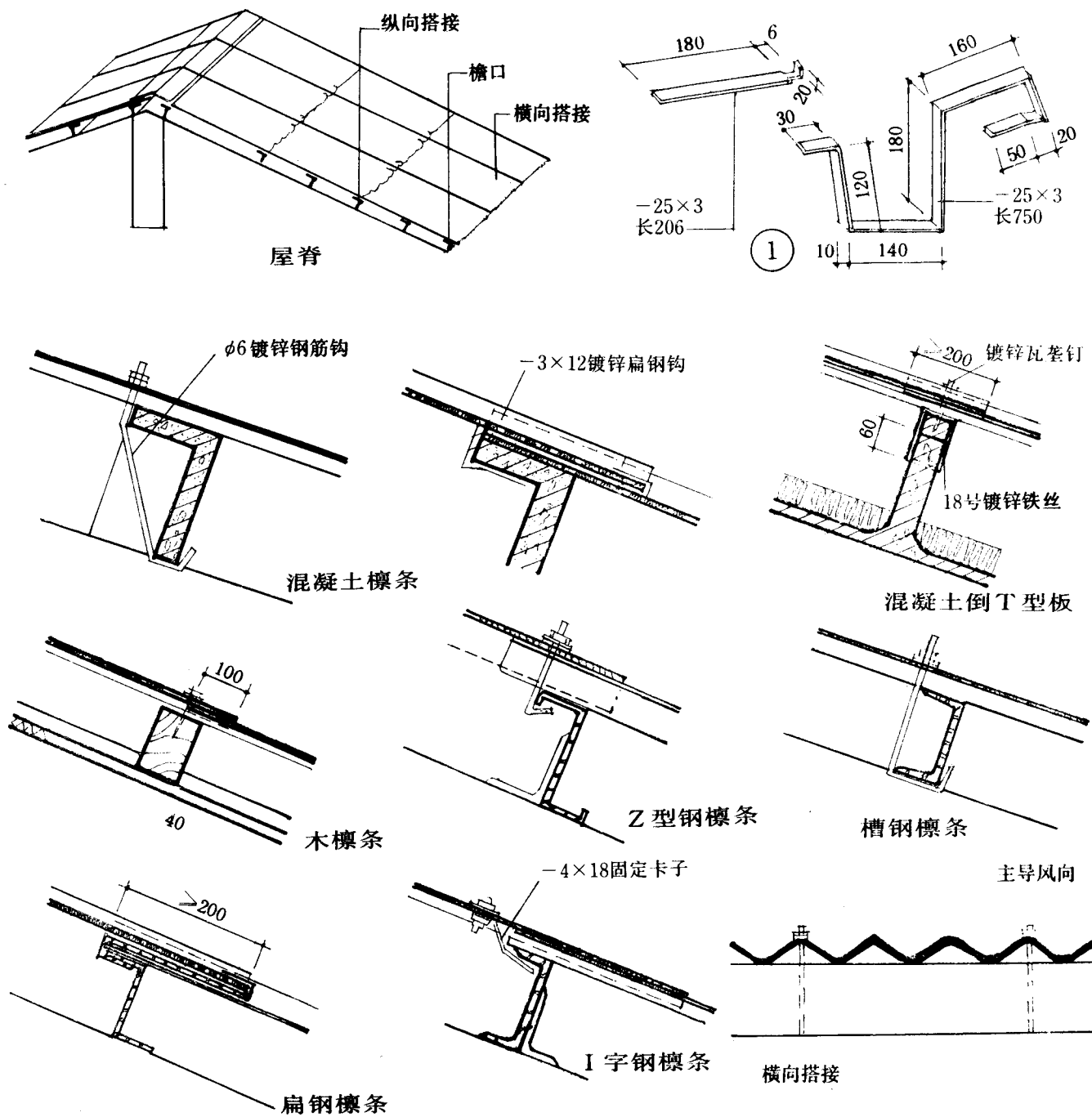
包檐

- 注: 1. 大面积石棉瓦屋面宜采用不切角长边错缝铺盖法铺设。大、中波瓦错开一波, 小波瓦错开二波。其他类型波形瓦铺法与石棉瓦同。
2. 波形瓦屋面坡度一般 $\leq 1/3$ 。
3. 波形瓦屋面檩条间距根据瓦的长度确定, 一般情况下每瓦3个支承点。波形瓦与檩条的固定应考虑温度变化而引起的变形, 钉孔直径比瓦钉(或螺栓)大2~3, 钉孔应在波峰上, 不允许在波谷上。
4. 石棉瓦竖向搭接压头应 ≥ 100 。横向搭接应顺主导风向。大、中波瓦横向搭接应不小于一波, 小波瓦应不小于二波。
5. 有组织排水屋面水落管间距 $\geq 18\text{m}$ 。
6. 镀锌瓦垄铁屋面表面应涂防锈漆以防锈蚀。



钢挑檐

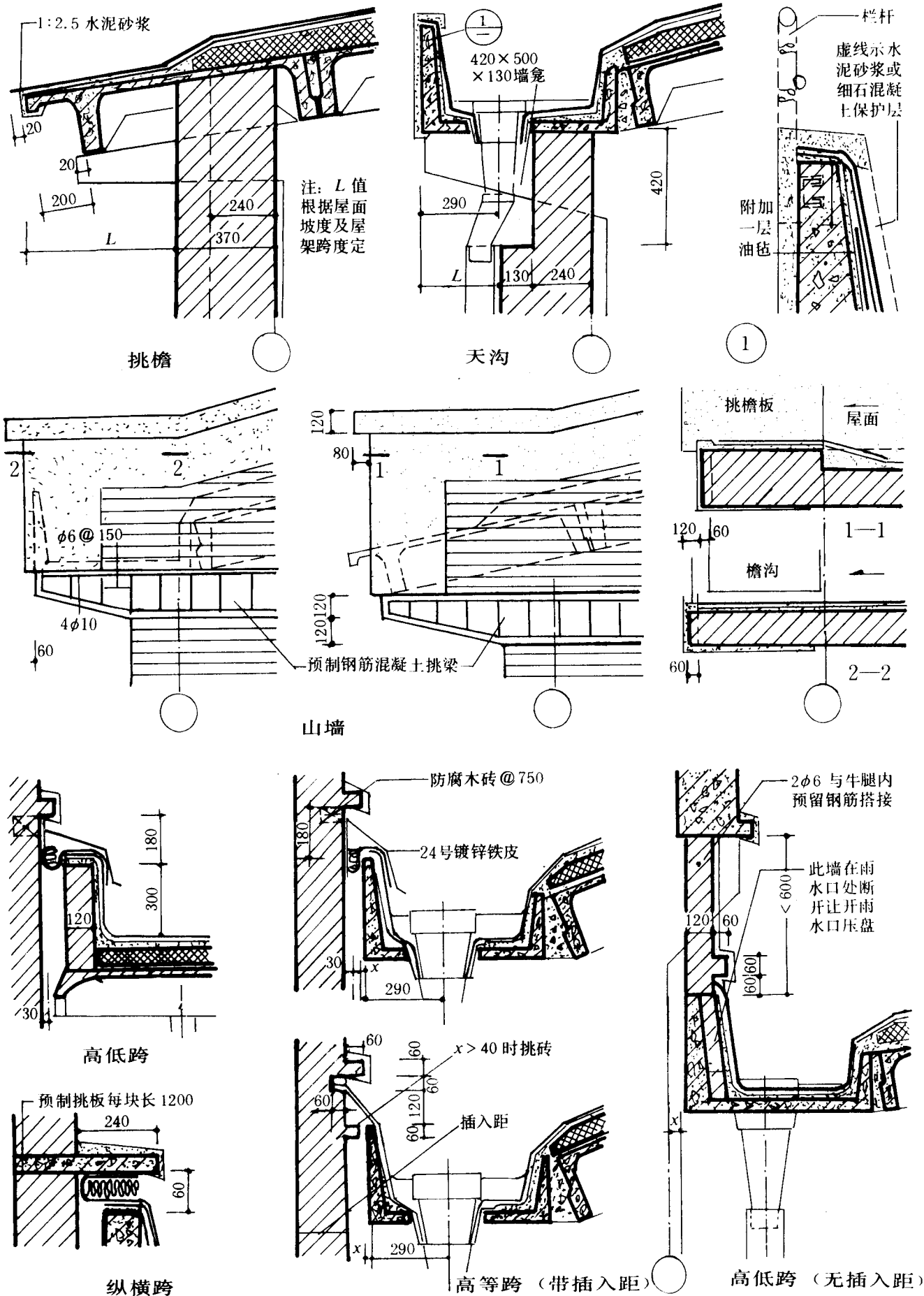
单层厂房屋面 [3] 波形瓦与檩条固定



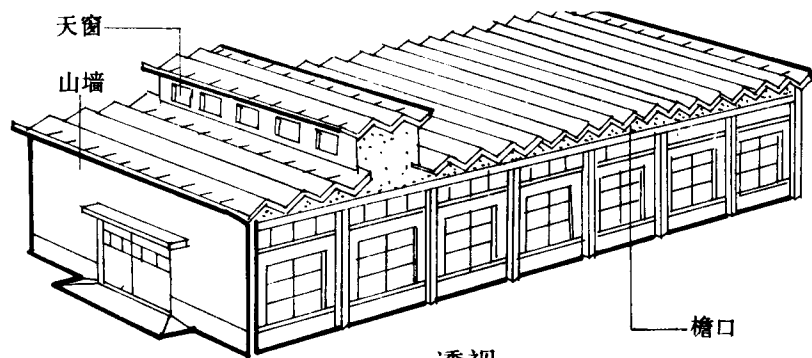
注:

1. 各种波形瓦均可采用上述方法固定。每瓦固定点4~6个。当采用扁钢钩固定时,檐口处及靠近屋脊处须用钢筋钩固定。

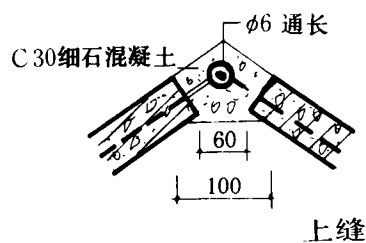
2. 扁钢钩(卡)、钢筋钩的形状、尺寸根据檩条的形状、尺寸和瓦的类型决定。螺栓及瓦垄钉均须加镀锌铁皮垫圈及橡皮或毡垫圈。



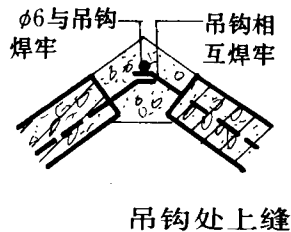
单层厂房屋面 [5] V型折板屋面



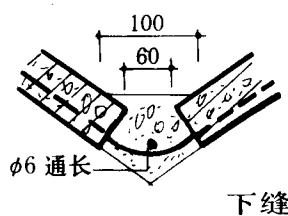
透视



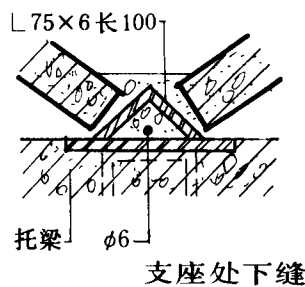
上缝



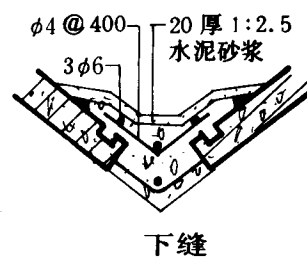
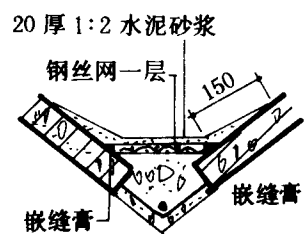
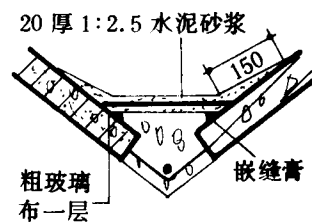
吊钩处上缝



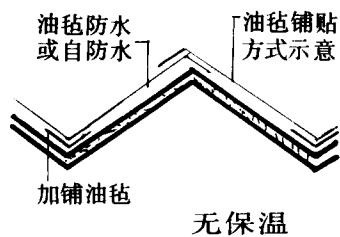
下缝



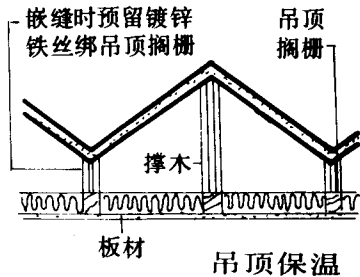
支座处下缝



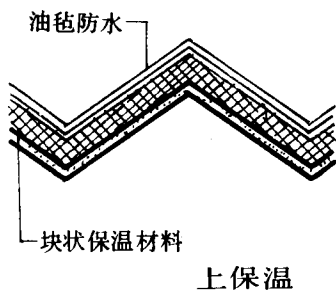
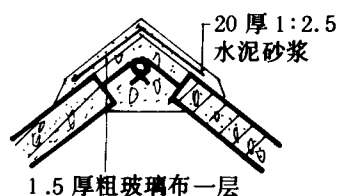
下缝



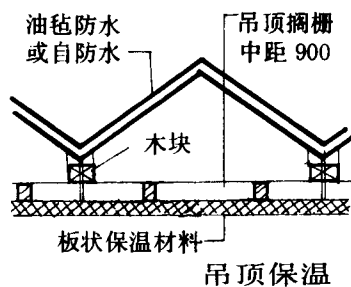
无保温



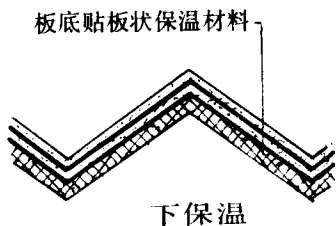
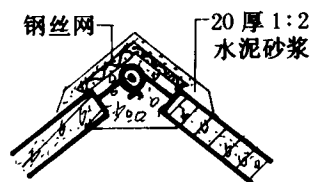
吊顶保温



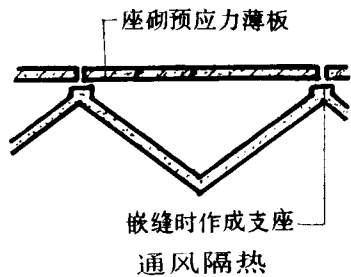
上保温



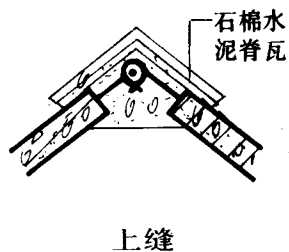
吊顶保温



下保温

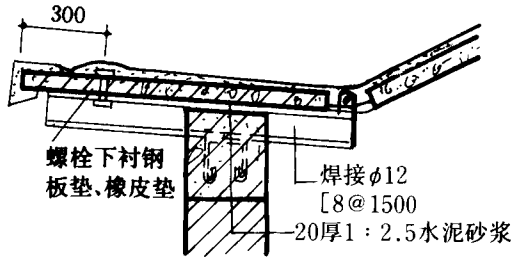
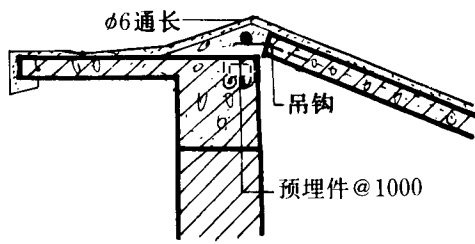


通风隔热

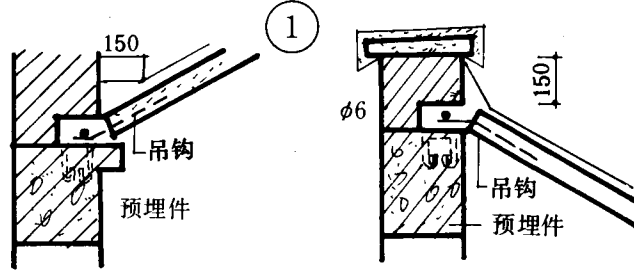
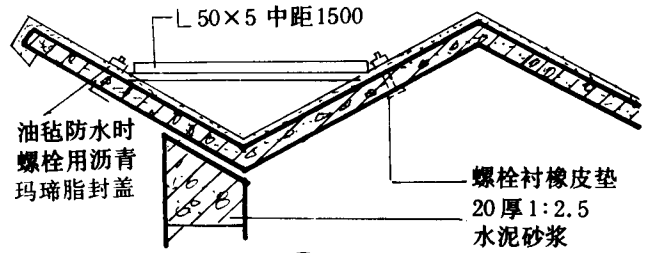


上缝

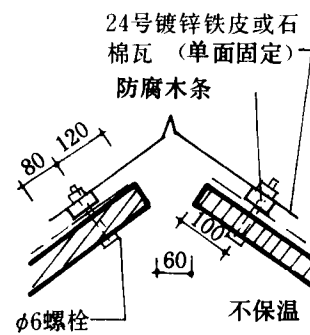
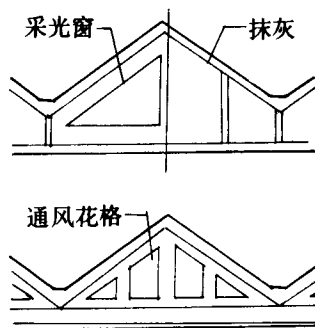
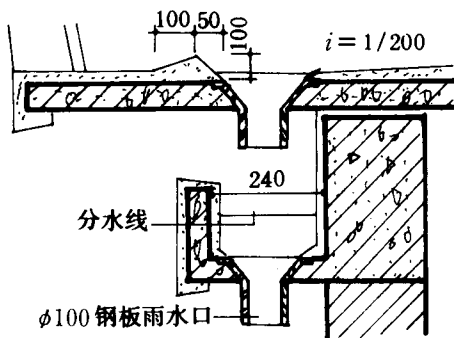
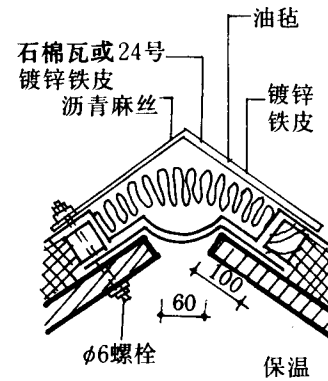
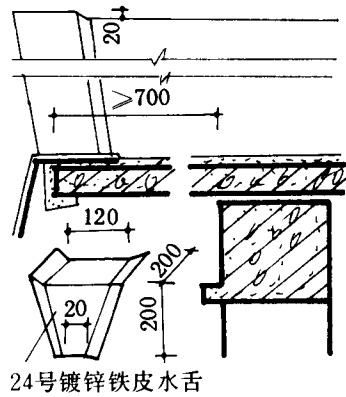
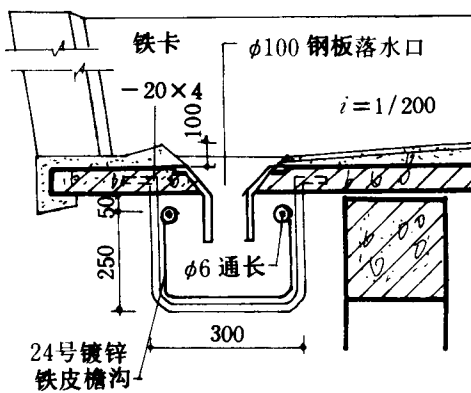
V型折板屋面 [5] 单层厂房屋面



挑檐处



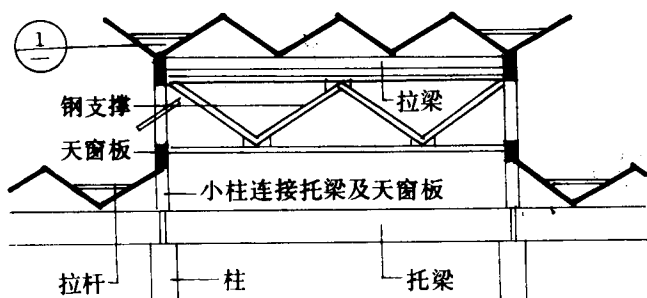
山墙处



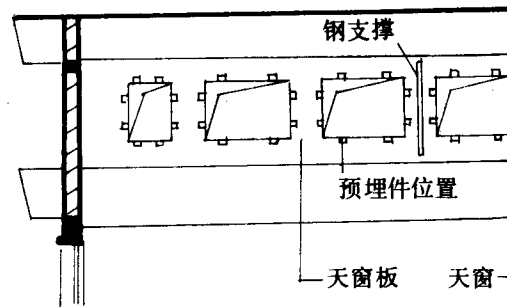
落水口

檐口墙处理

变形缝



立面



剖面

