

The background of the cover features a complex abstract geometric design. It consists of several large, overlapping shapes in a muted blue and black color, set against a light cream or off-white background. The shapes include rectangles, triangles, and a circle, all arranged in a way that creates a sense of dynamic movement and architectural structure. The design is reminiscent of mid-20th-century modernist art.

工业厂房 墙板建筑节点 参考图集

冶金工业出版社

工业厂房墙板建筑节点参考图集

《工业厂房墙板设计与施工规程》编制组

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前言

工业厂房墙板的建筑构造是墙板设计的一个重要环节。它直接影响墙板的规格类型、墙体的耗钢量、施工安装以及围护结构的安全。因此，对墙板的建筑构造处理必须给予足够的重视。

我们在编制国家《工业厂房墙板设计与施工规程》的过程中，收集了一些工业厂房墙板的建筑构造节点详图，汇编成这本图集，以供设计参考。

本图集着重收集了一般单层工业厂房和一些多层工业厂房的横向布置墙板的主要节点图；同时也摘录了一些在柱距、跨度、定位轴线和处理上别具特点的墙板和一些竖向墙板的节点图。

图集集中的节点大部分是工程设计实例，摘录时基本上遵照原图，仅对个别节点作了局部改动。

参加本图集汇编的单位有：冶金部建筑研究院、北京钢铁设计研究总院、上海工业建筑设计院、一机部第一设计院、天津市建筑设计院。在汇编过程中，得到各有关单位的大力支持和热情帮助，在此谨致谢意。

由于水平和时间所限，难免有一些好的节点没有汇编进去；图集中一定存在不少缺点和错误，希望批评指正。

《工业厂房墙板设计与施工规程》编制组

一九七八年十一月

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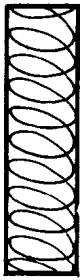
钢筋混凝土



轻骨料钢筋混凝土



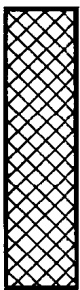
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石棉



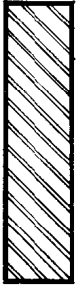
油脂



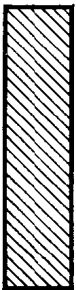
保温材料



塑料挡板



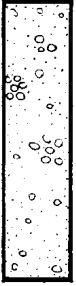
钢材



砖



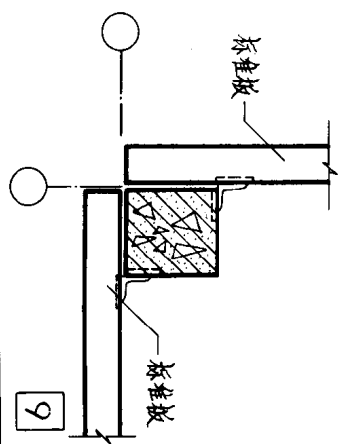
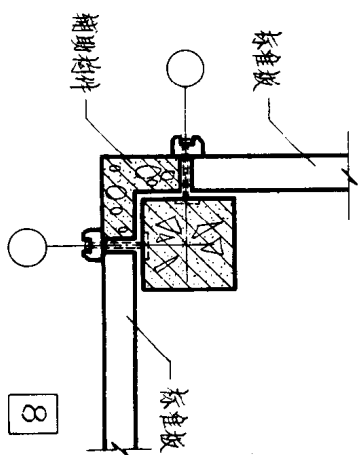
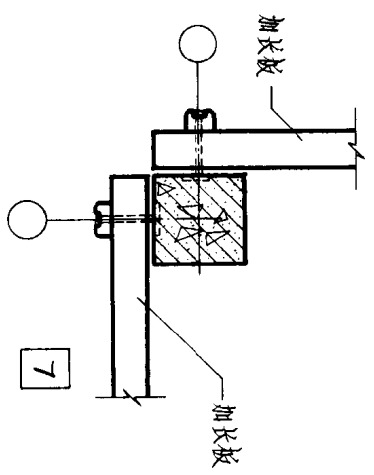
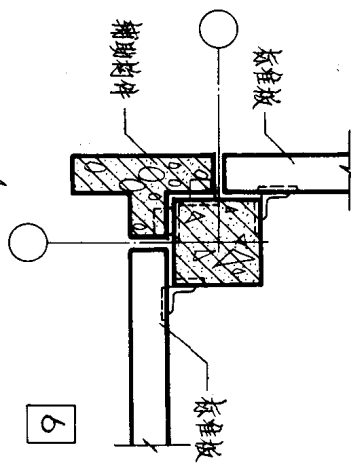
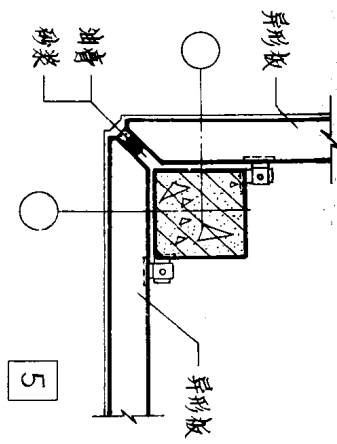
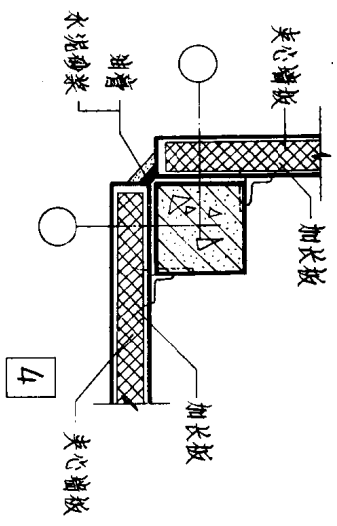
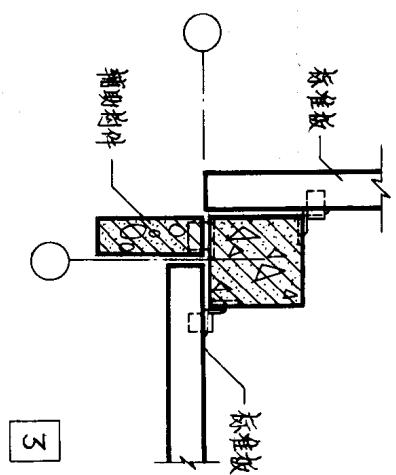
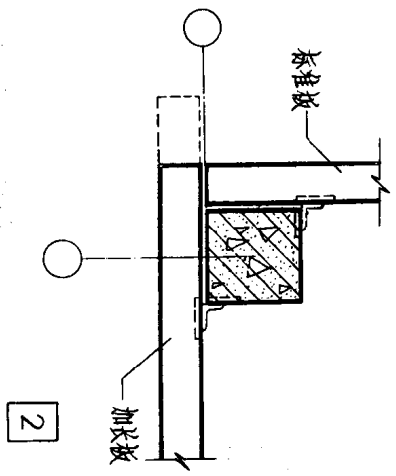
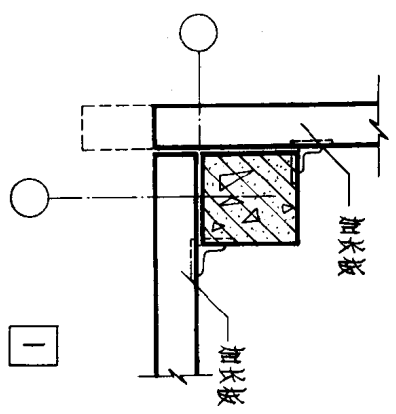
木材

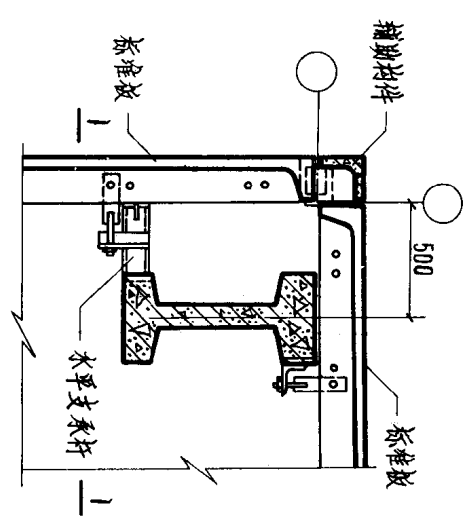


泡沫混凝土

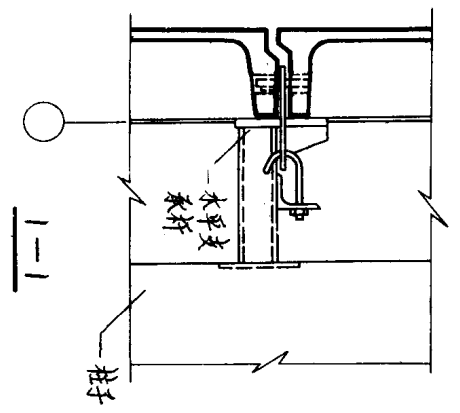


水泥珍珠岩

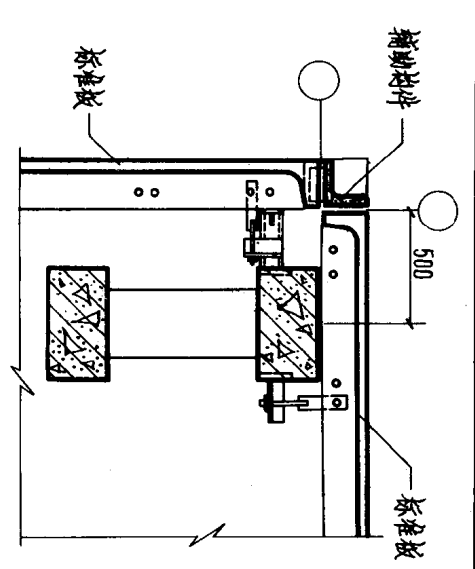




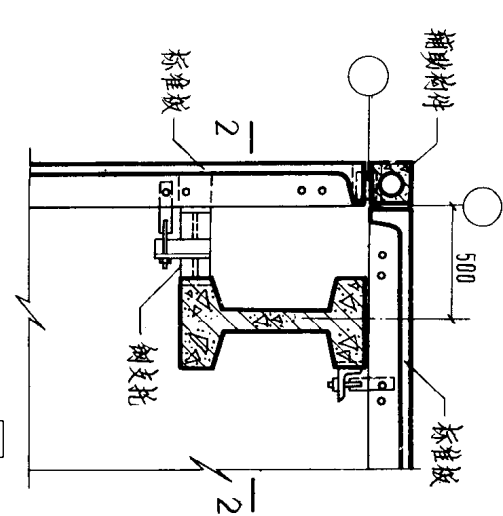
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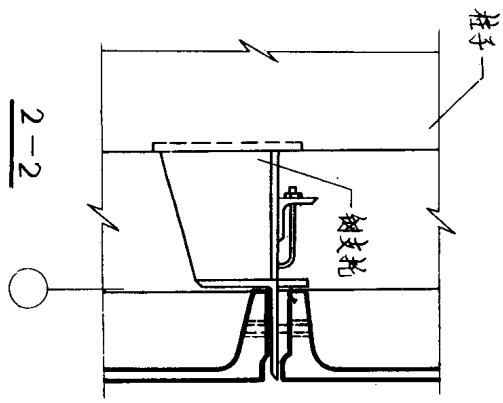
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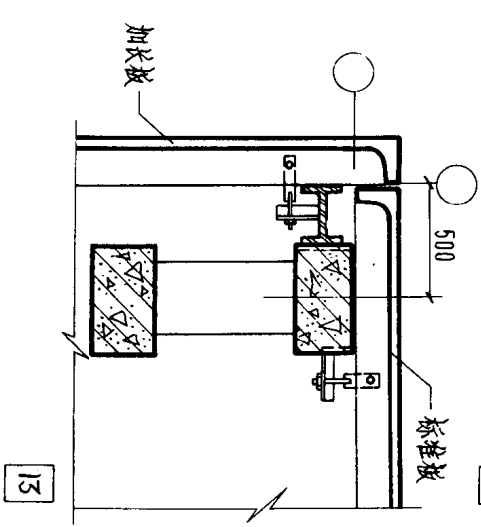
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11

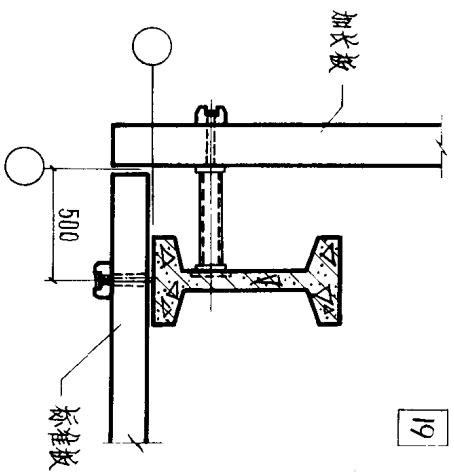
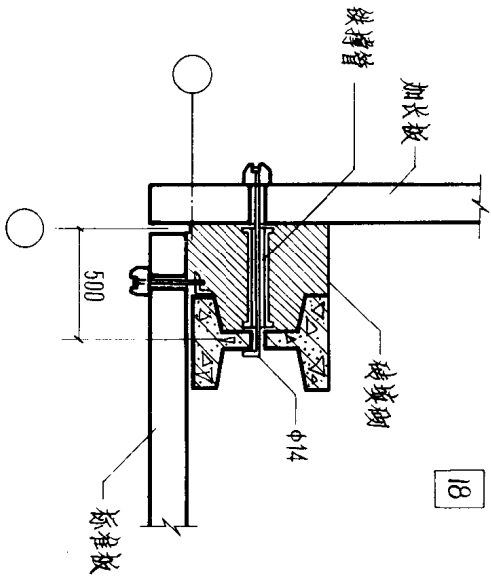
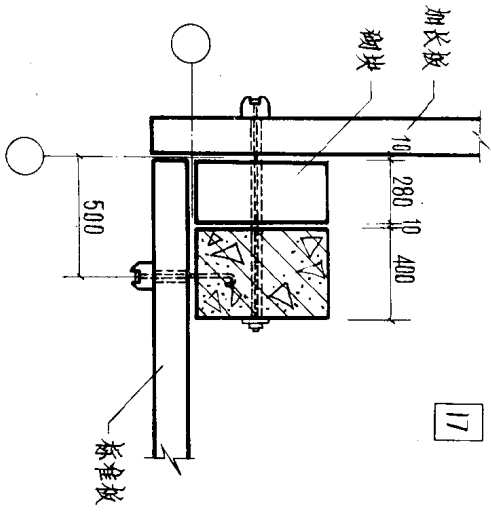
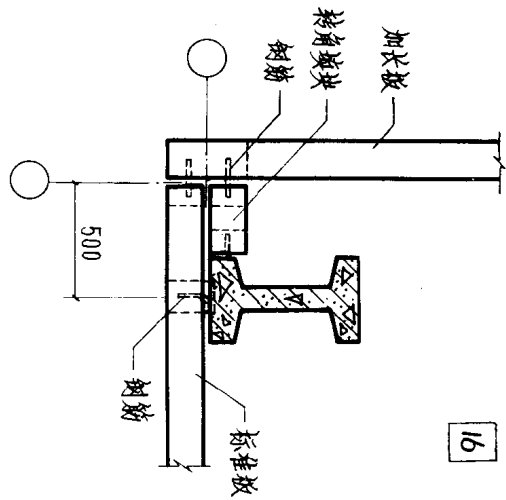
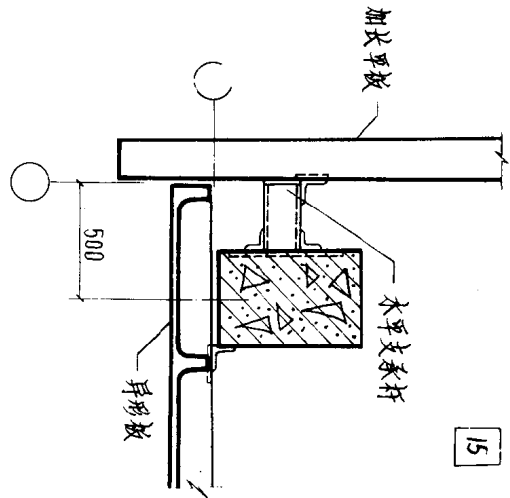
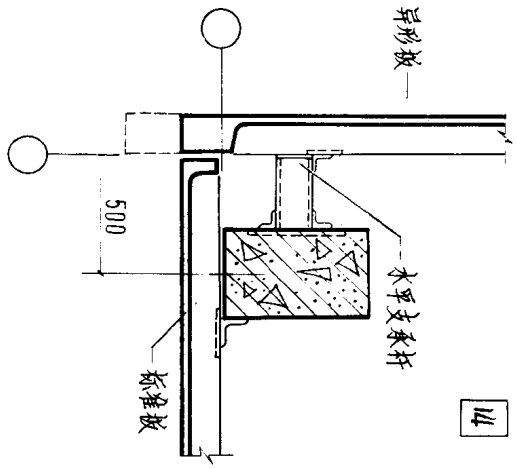


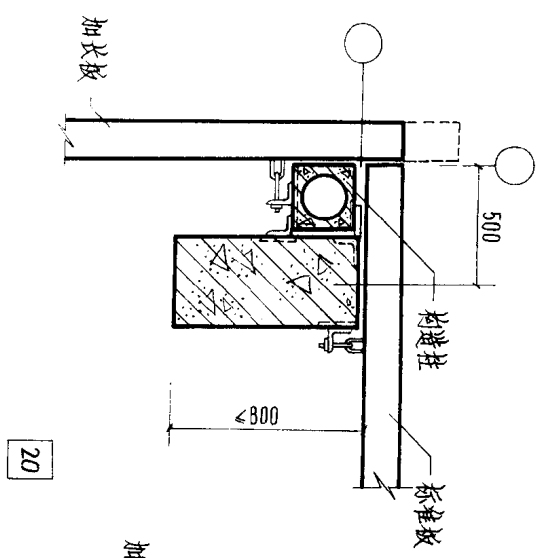
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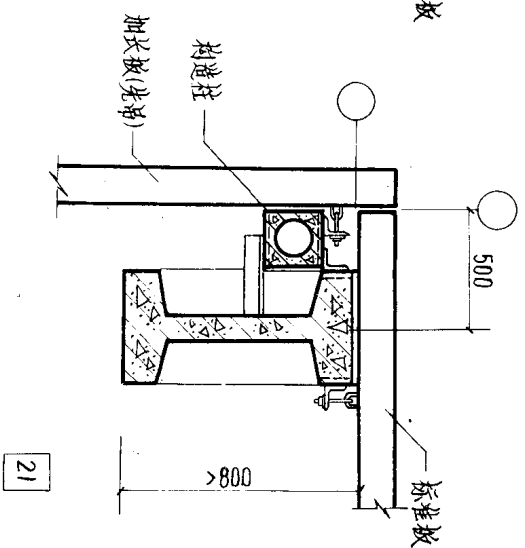
13

注：转角辅助构件与墙板高度相同时，可与墙板焊接后吊装，大于一次板高时，吊装后再与墙板焊接。

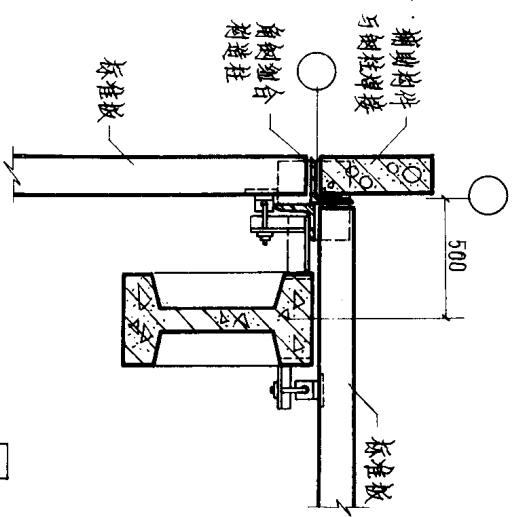




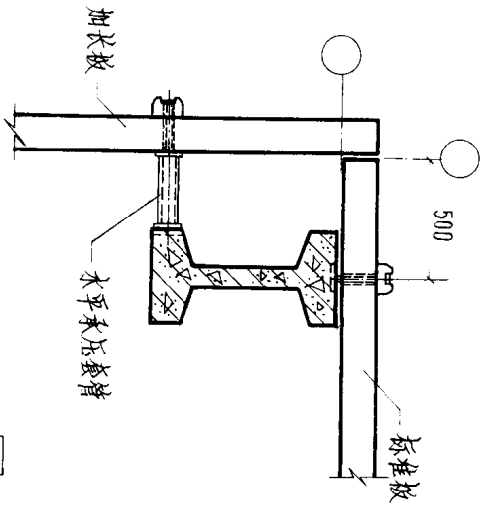
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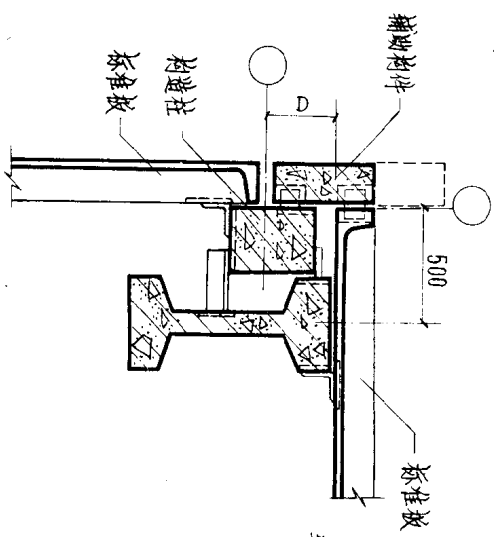
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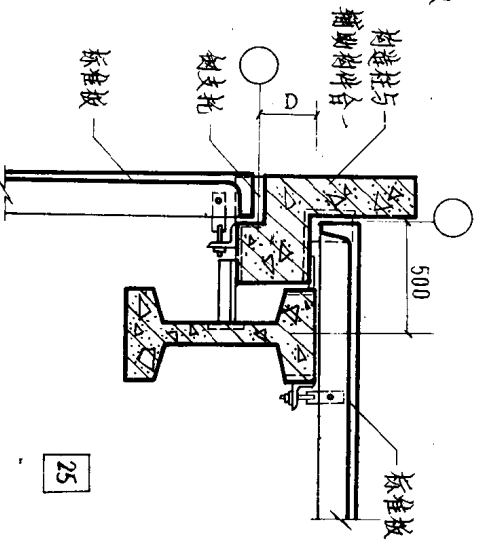
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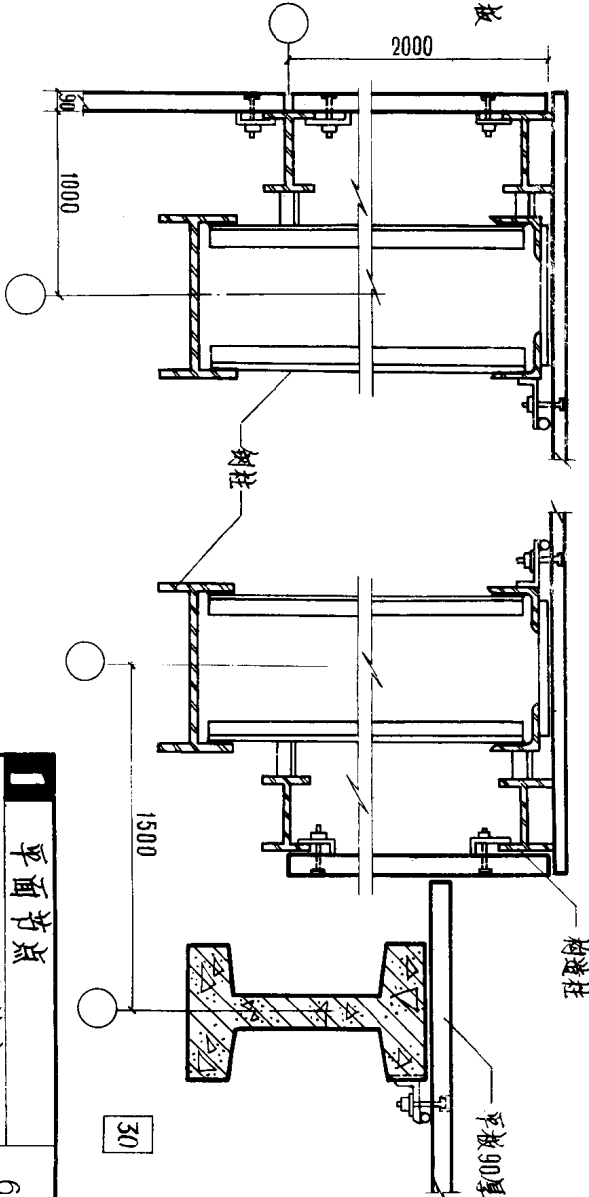
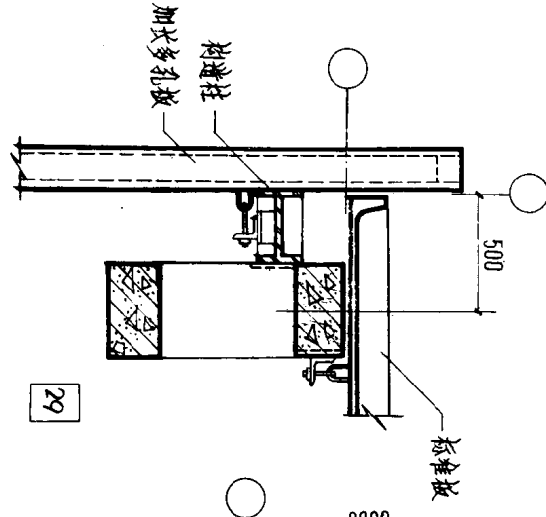
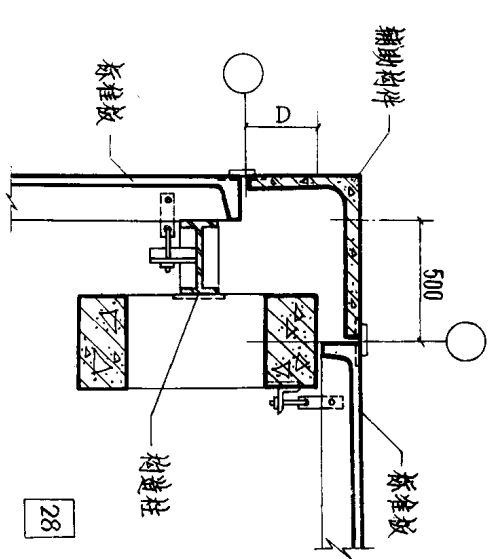
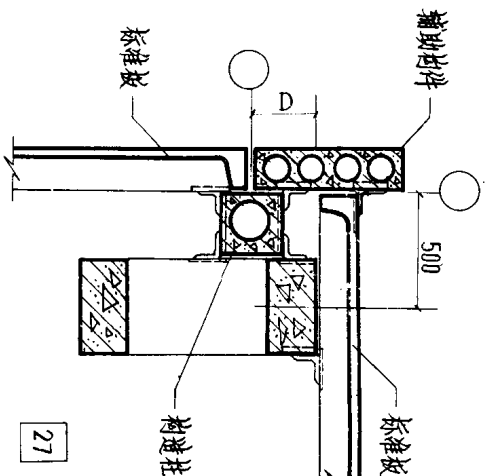
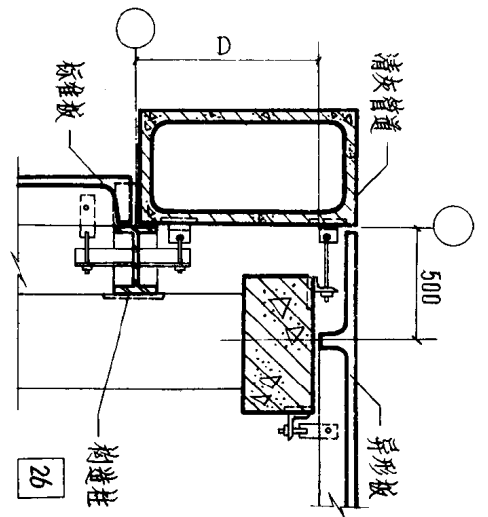


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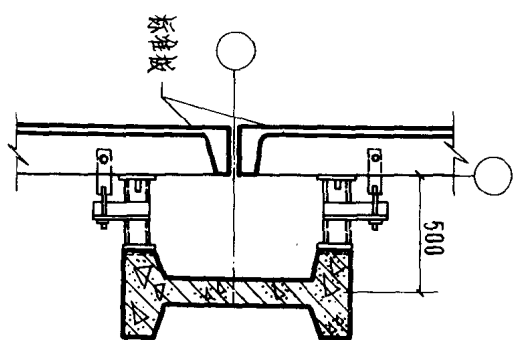


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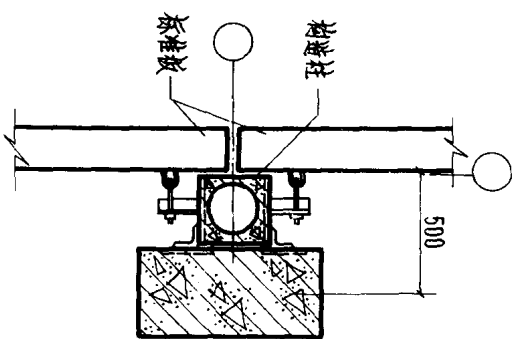
注: A-插入距; B-板厚; C-缝宽; D-联系尺寸。



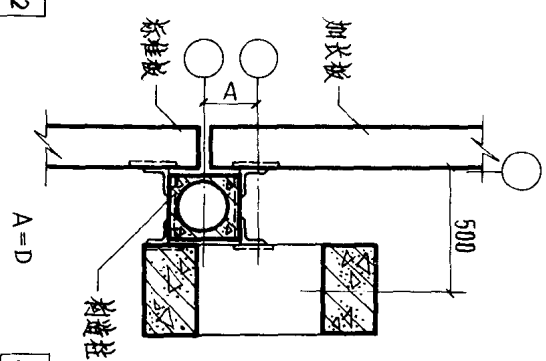
1 平面节点 阳转角



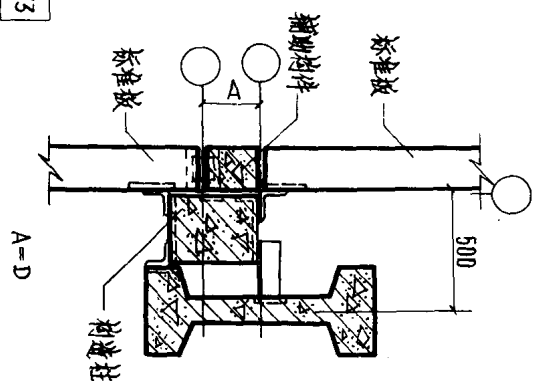
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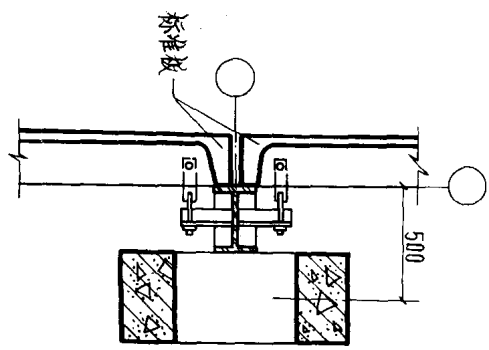
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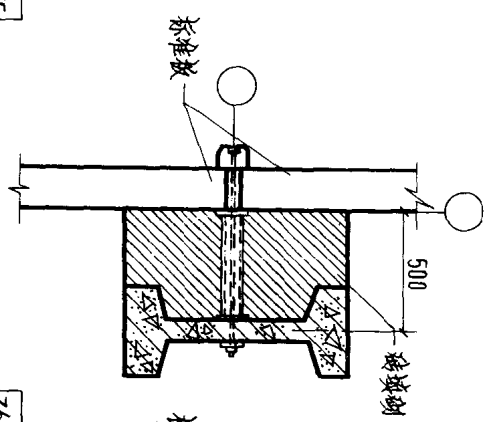
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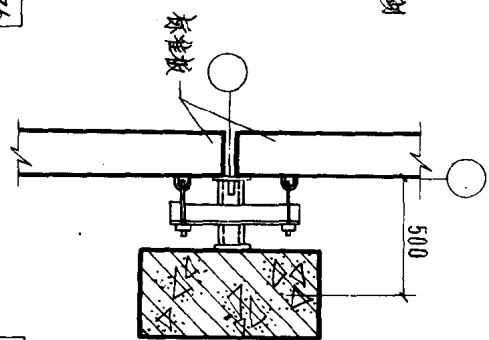
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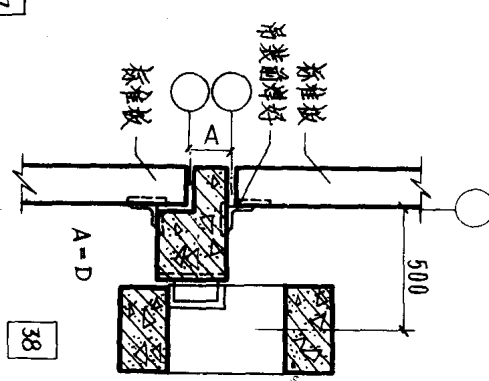
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36



37

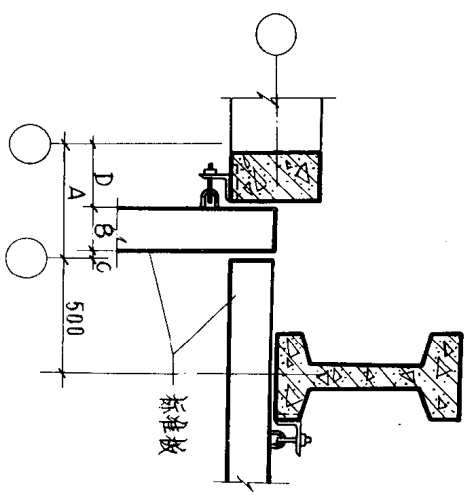


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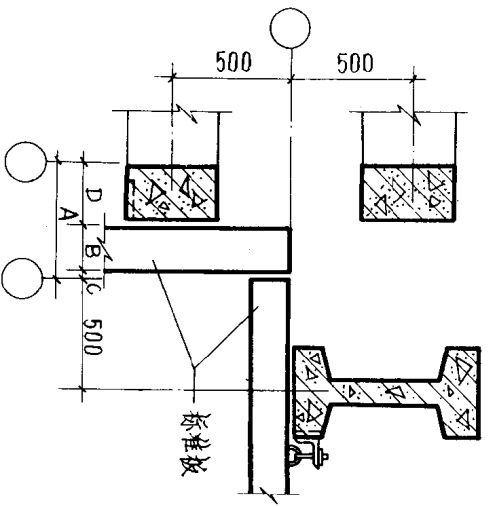
平面节点

山墙中间柱

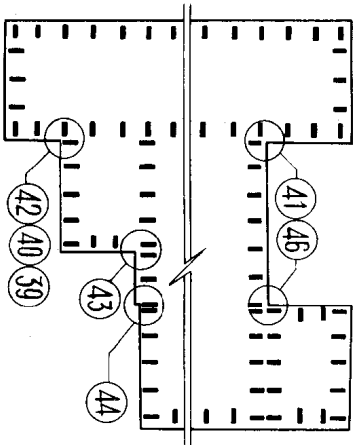
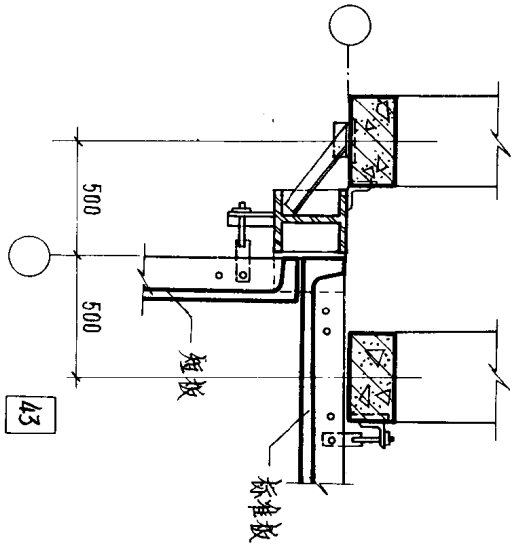
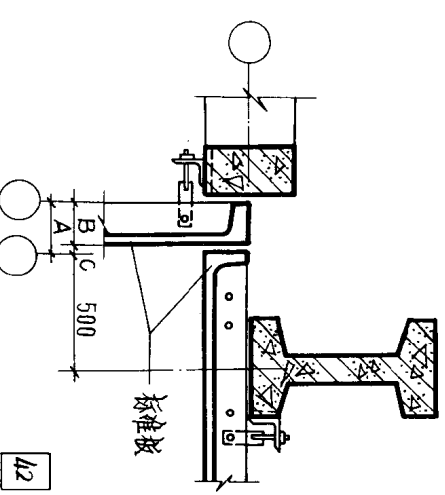
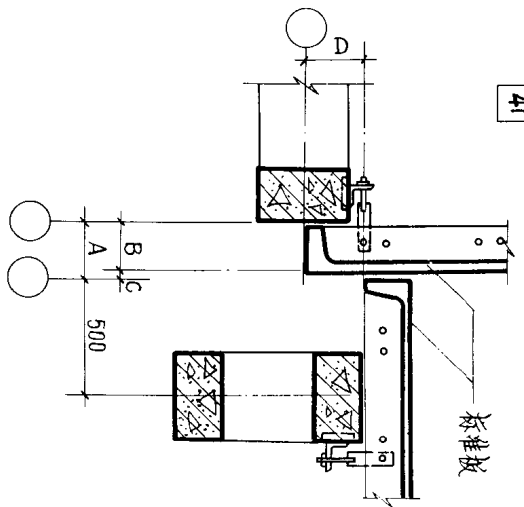
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40



41

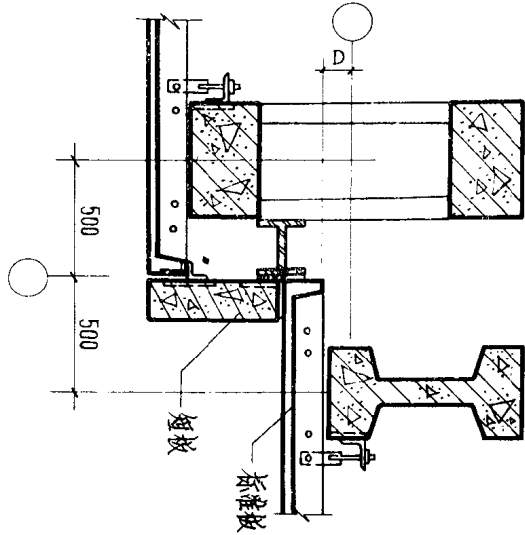


为点位置示意图

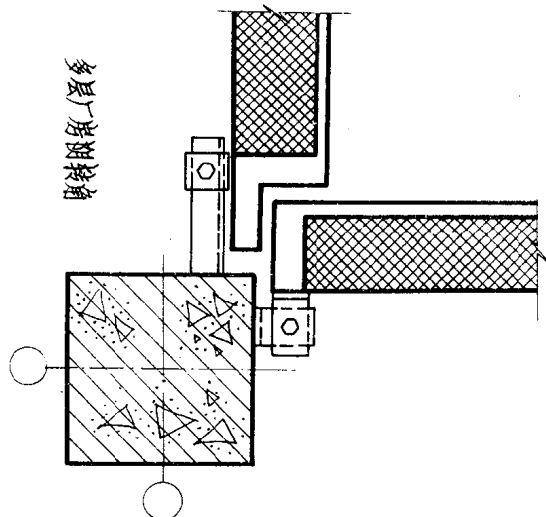
平面转角

转角

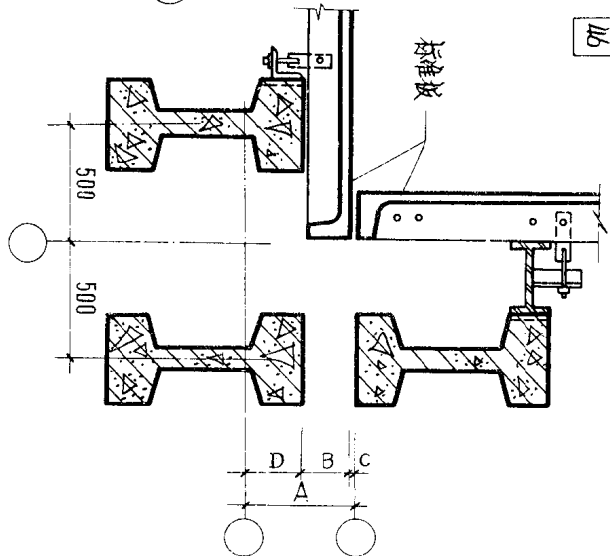
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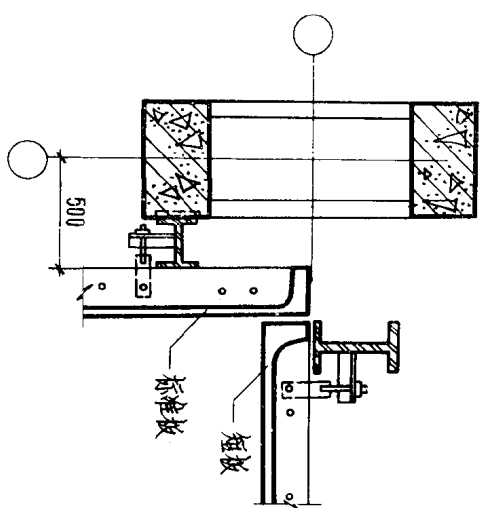
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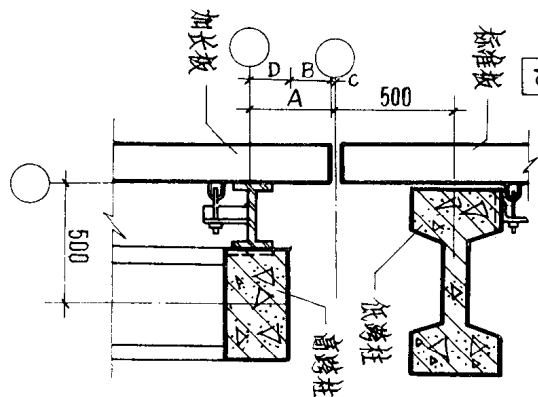
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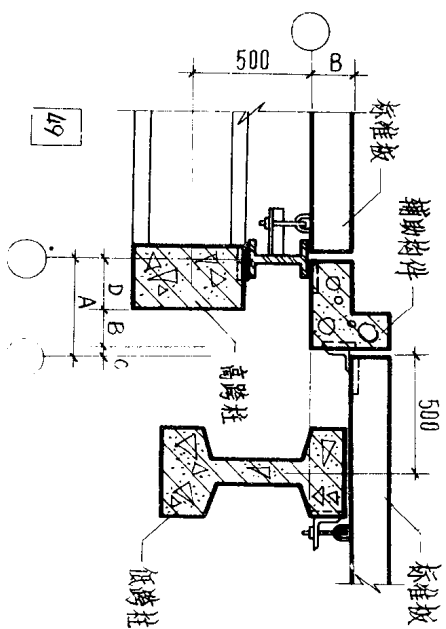
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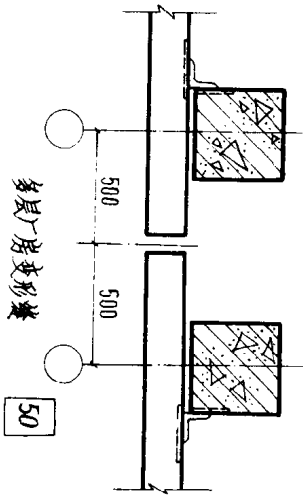


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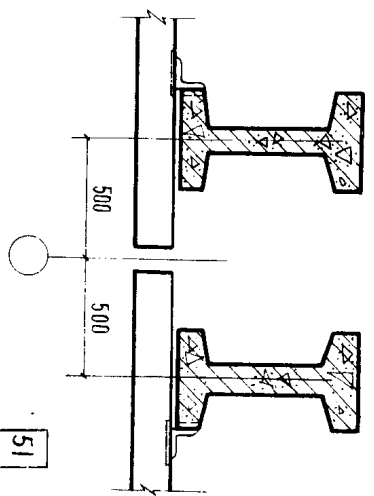


平面节点

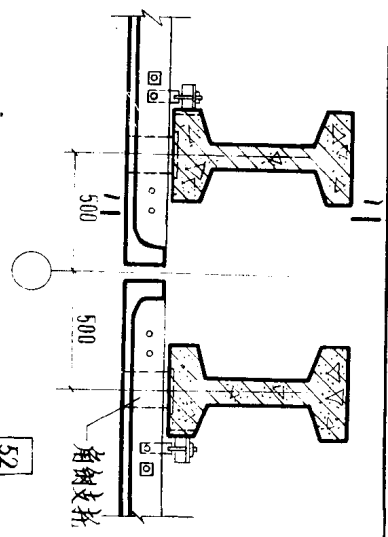
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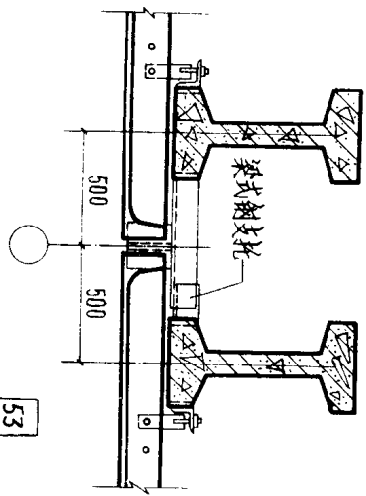
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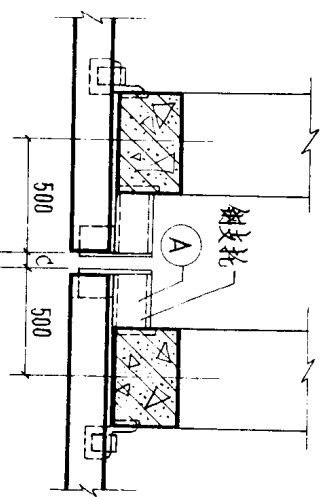
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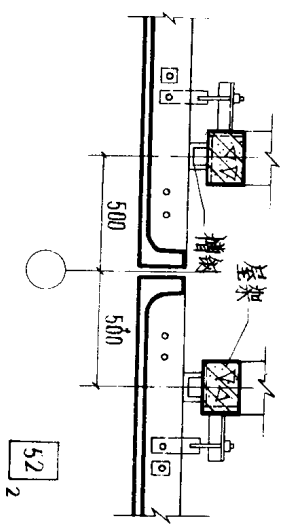
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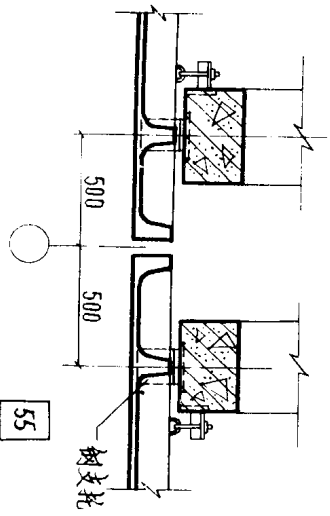
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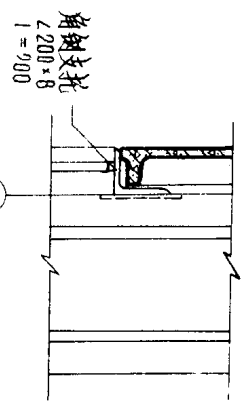
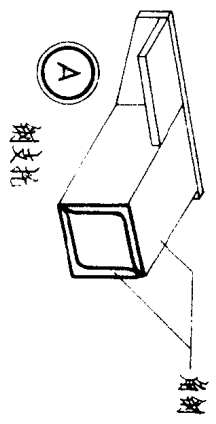
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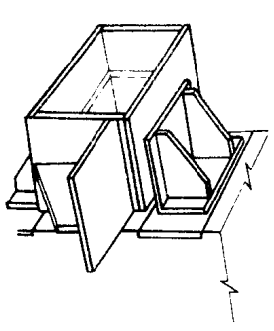
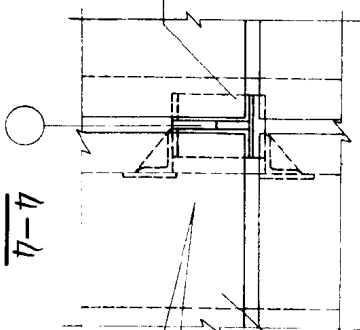
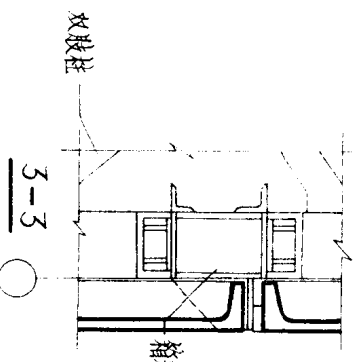
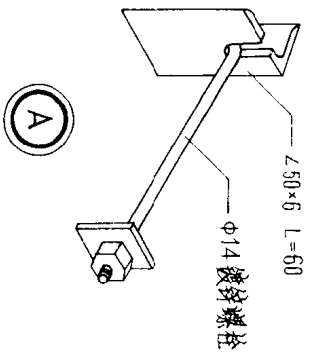
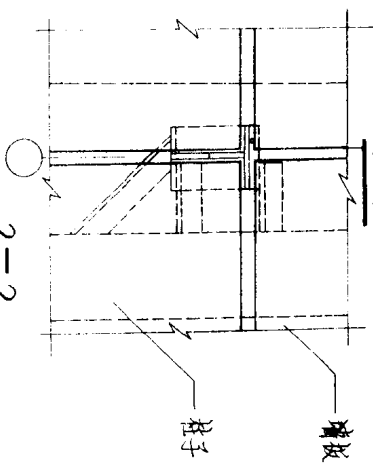
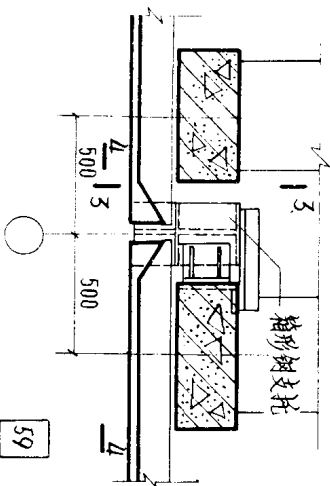
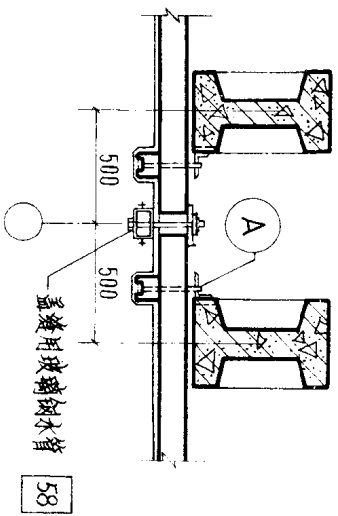
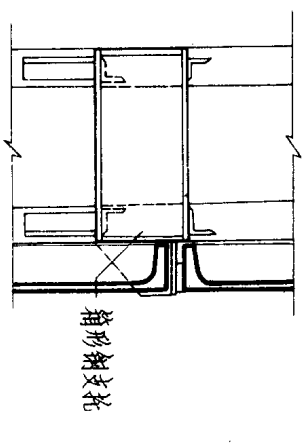
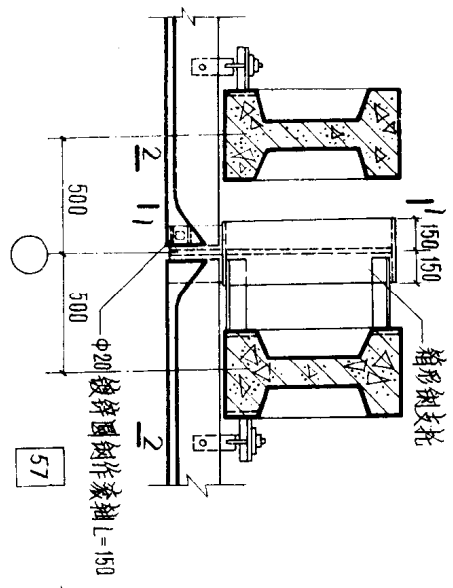
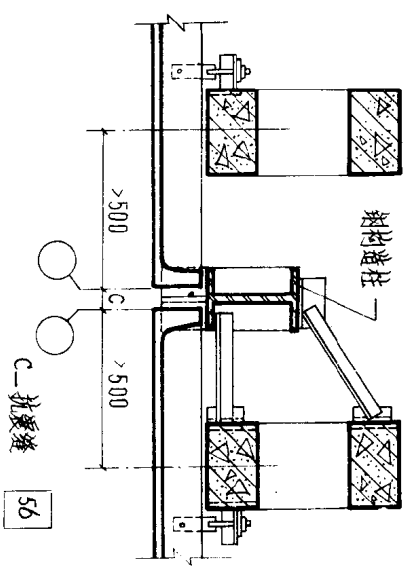
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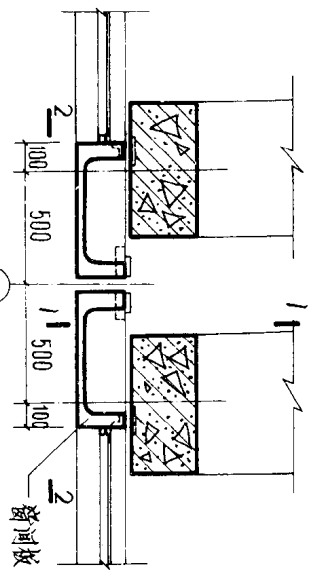
1-1

平面节点

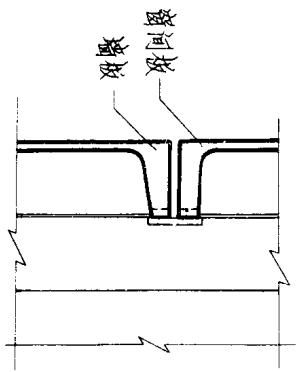
变形缝



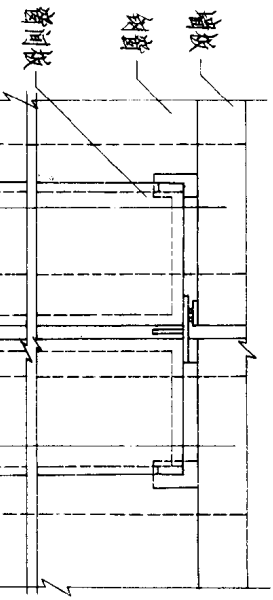
注：箱形钢支托高度、型钢、钢板尺寸及焊缝由个体工程定。



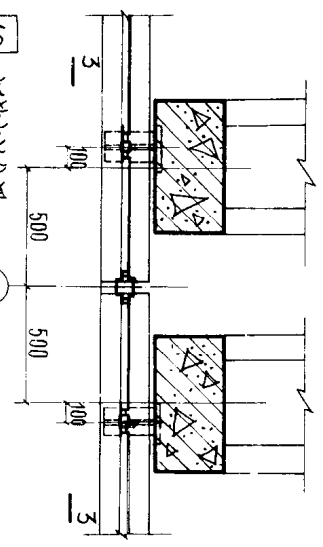
60 带有窗间板的变形缝



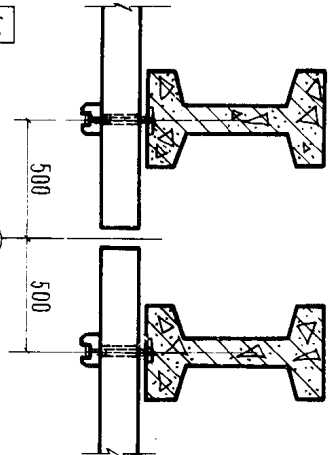
1-1



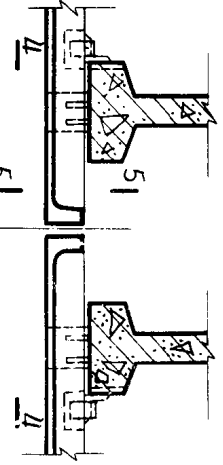
2-2



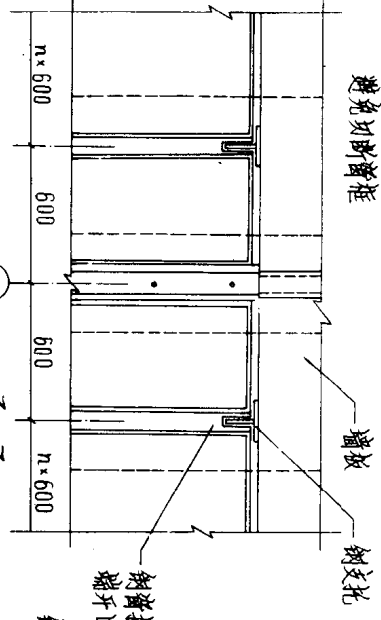
62 调整窗台位置
避免切断窗框



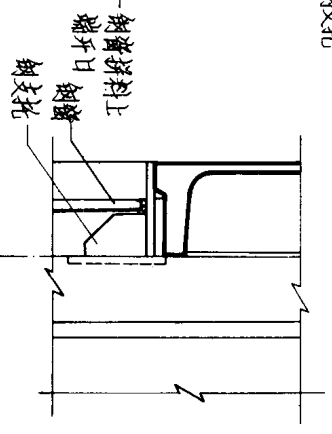
63



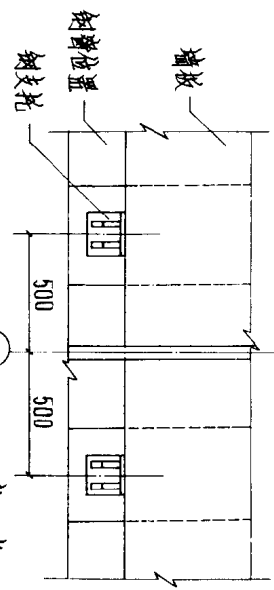
61



3-3



5-5



4-4