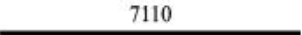
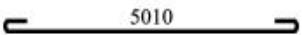
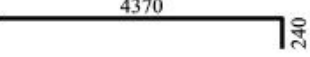
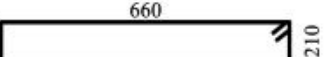
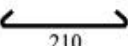


* (5) 绘制钢筋表, 见表 4.9。

表 4.9 例题 4.4 附表

构件名称	钢筋编号	规格等级	形 状	下料长度/mm	根数
L2	①	$\Phi 22$		7110	4
	②	$\Phi 14$		5185	2
	③	$\Phi 20$		4552	4
	④	$\Phi 14$		2028	2
	⑤	$\Phi 14$		9245	4
	⑥	$\Phi 8$		1876	62
	⑦	$\Phi 8$		400	60

$$\begin{aligned}\text{①号钢筋下料长度} &= 6760 + \max[(12d), (370 - 20)] \times 2 \\ &= 7110 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{②号钢筋下料长度} &= (6760 - 2250) + \max[(12d), (370 - 20)] + 150 + 6.25d \times 2 \\ &= 5010 + 175 \\ &= 5185 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{③号钢筋下料长度} &= (2250 + 120 + 2000) + 12d - 1 \text{ 个 } 90^\circ \text{ 量度差值} \\ &= 4370 + 240 - 2.931d \\ &= 4552 \text{ mm}\end{aligned}$$

$$\text{④号钢筋下料长度} = (1750 - 20) + 15d + 6.25d = 1940 + 87.5 = 2028 \text{ mm}$$

$$\begin{aligned}\text{⑤号钢筋下料长度} &= (7000 + 2000 - 120 - 20) + 15d + 6.25d \times 2 \\ &= 9070 + 175 \\ &= 9245 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{⑥号钢筋下料长度} &= [(250 - 2 \times 20) + (700 - 2 \times 20)] \times 2 + 1.9d \times 2 + \max[10d, 75] \times 2 - 3 \text{ 个 } 90^\circ \text{ 量度} \\ &\quad \text{差值} \\ &= 1740 + 1.9 \times 8 \times 2 - 80 \times 2 - 3 \times 2.288d \\ &= 1930.4 - 54.9 \\ &= 1876 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{⑦号钢筋下料长度} &= (250 - 2 \times 20) + 1.9d \times 2 + \max[10d, 75] \times 2 \\ &= 210 + 30.4 + 80 \times 2 \\ &= 400 \text{ mm}\end{aligned}$$