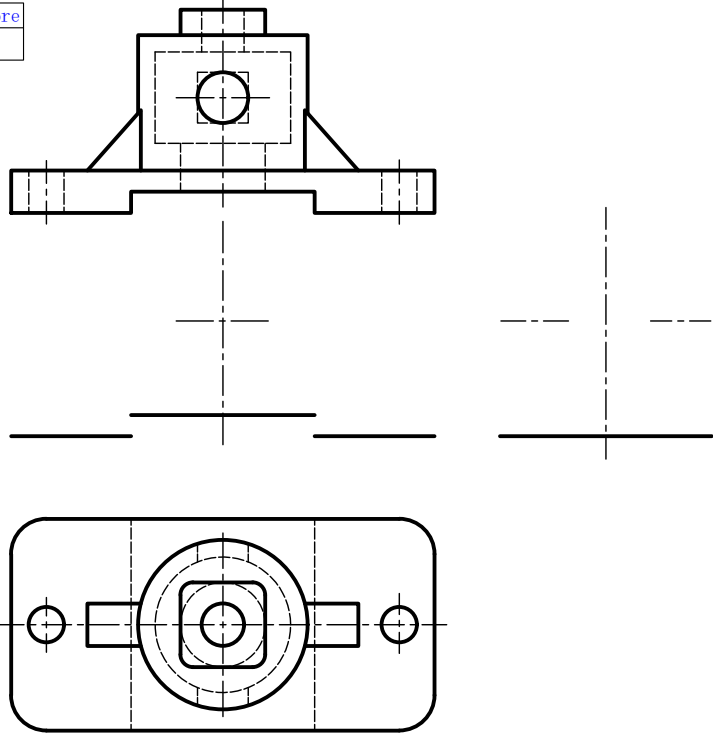


V. According to the front view and top view, draw half sectional front view and full sectional left view at given place. (画出半剖的主视图, 和全剖的左视图, 25 pts)

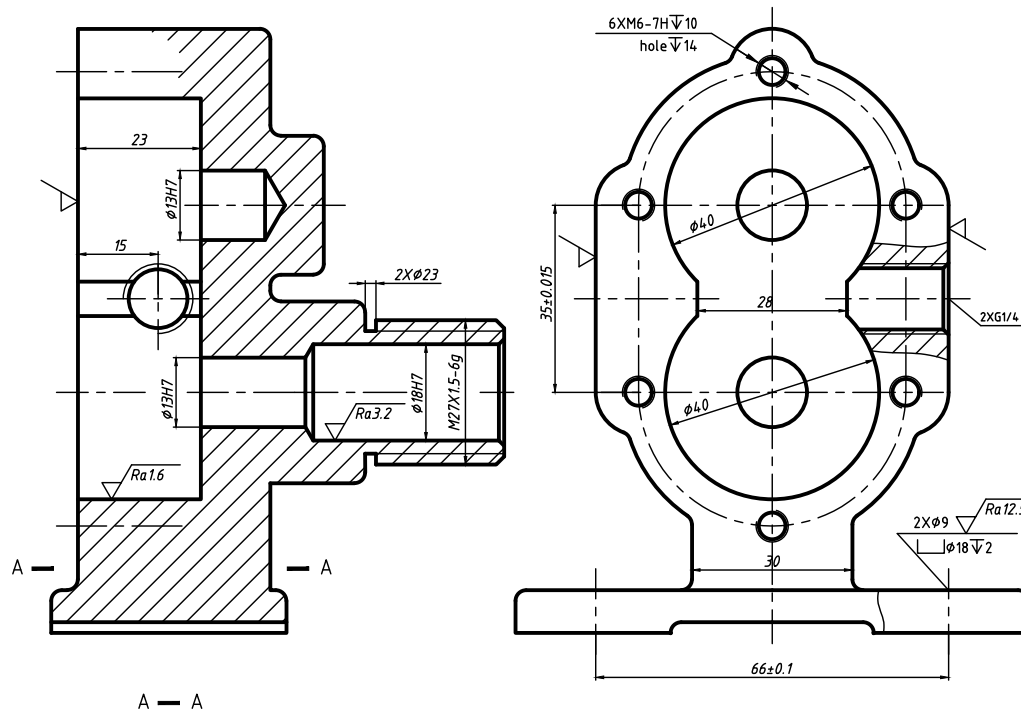
Score



VI. Read the part drawing and answer questions. (22 pts)

Score

- According to the symbol $\frac{6 \times M6 T10}{A 174}$, complete the hole structure on front view at upper-left corner; Complete the local sectional view on left view at lower-right corner. (根据所给尺寸标注, 分别完成主视图左上角、左视图右下角的剖切表达, 6 pts).
- Complete A-A full sectional view (完成A-A全剖视图, 5 pts).
- For M27x1.5-6g, this is a _____ (fine细牙/coarse粗牙) thread, major diameter (公称直径) is _____, the pitch (螺距) is _____ (3 pt).
- For $\phi 18H7$, the tolerance symbol (公差带代号) is _____, the basic deviation (基本偏差) is _____, the tolerance grade (公差等级) is _____, the value of IT7 is 0.018, the minimum value for $\phi 18H7$ is _____, and the maximum value is _____ (5 pt).
- There are _____ surface quality grades in total, the highest quality roughness (粗糙度) symbol is _____, the lowest one is _____ (3 pt).



TECHNICAL REQ T

Filet radii R2

$$\sqrt{\text{ }} = \sqrt{\text{Ra6.3}} \quad \sqrt{\text{ }} (\sqrt{\text{ }})$$

CASE			scale	1:1
			material	HT200
design				
checked				