

Exercise No. (1): draw the following sections



BRICK



SAND



PLAIN CONCRETE



WOOD



STONE



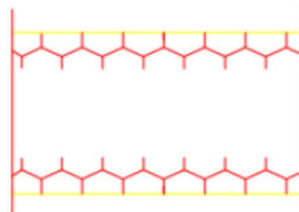
REINFORCED CONCRETE



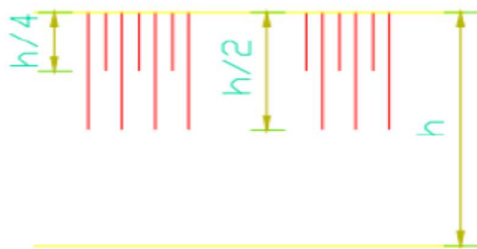
EARTH



ROCK



PITCHING



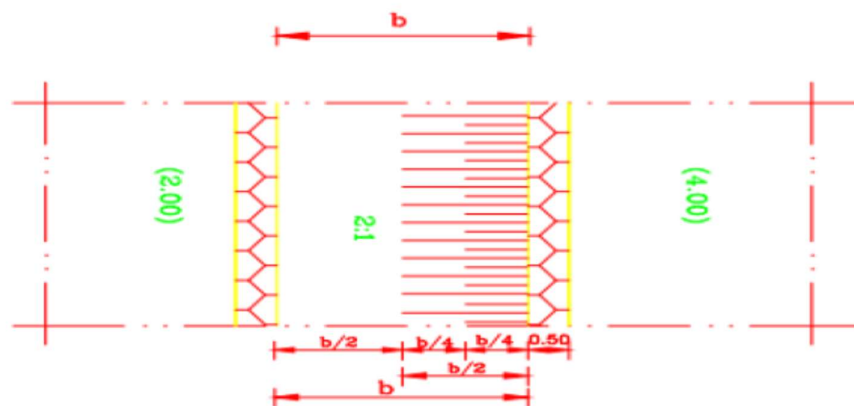
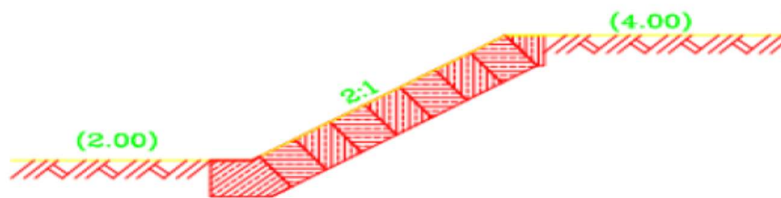
EARTH SLOPE



WALL SLOPE



WATER LEVEL



Exercise No. (2):

It is required to draw into scale 1:100 (Plan, Sec. Elevation, and Sec. Side View) for cross section of a Canal according to the following data:

Bed level = (5.00)

Bed width = 4.0 m

Berm level = (8.00)

Berm width = 2.0 m

Bank level = (10.00)

Bank width = 6.0 m

Land level (ground) = (9.00)

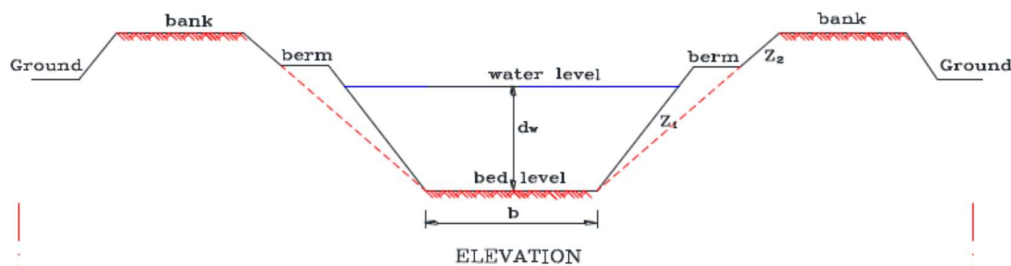
Water level = 7.0 m

Side slope from bed to berm = 1:1

Side slope from berm to bank = 2:1

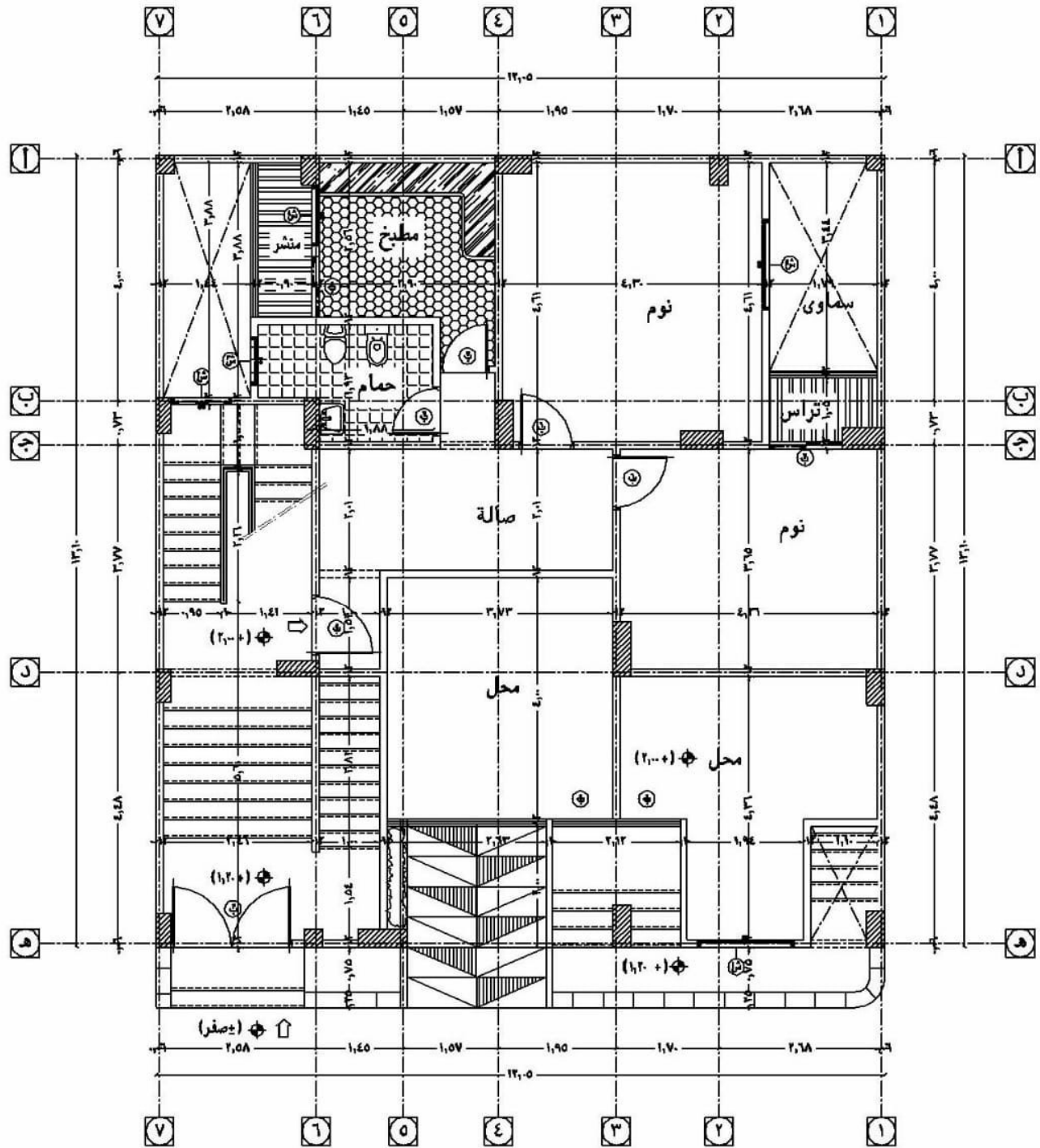
Side slope from bank to land = 2:1

(Hint)



Exercise No. (3):

It is required to draw into scale 1:100 the following ground floor



المسقط الأفقي للدور الأرضي