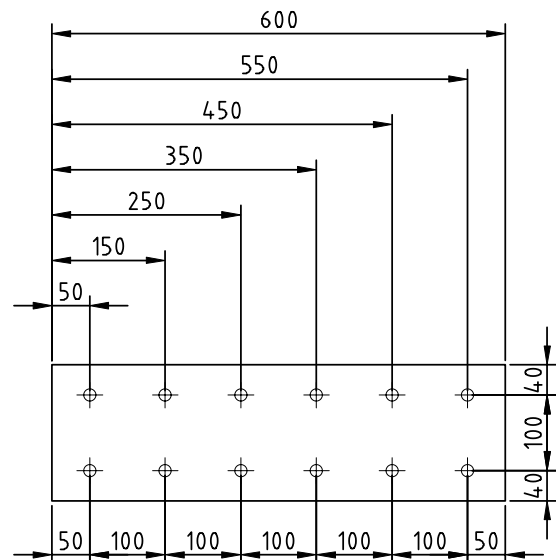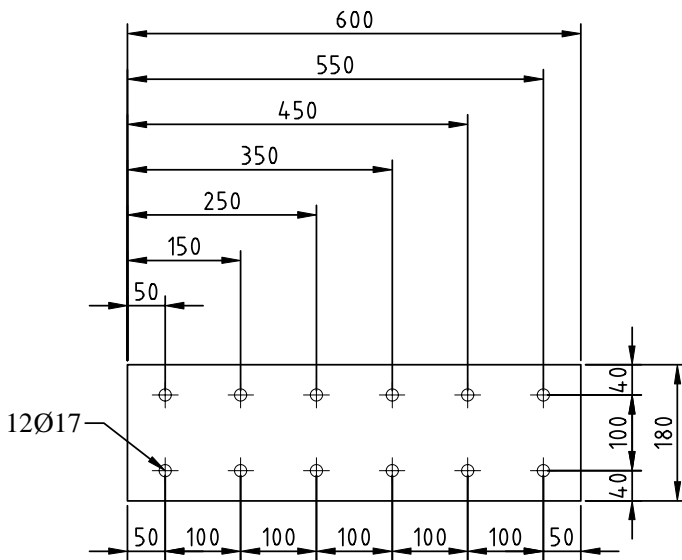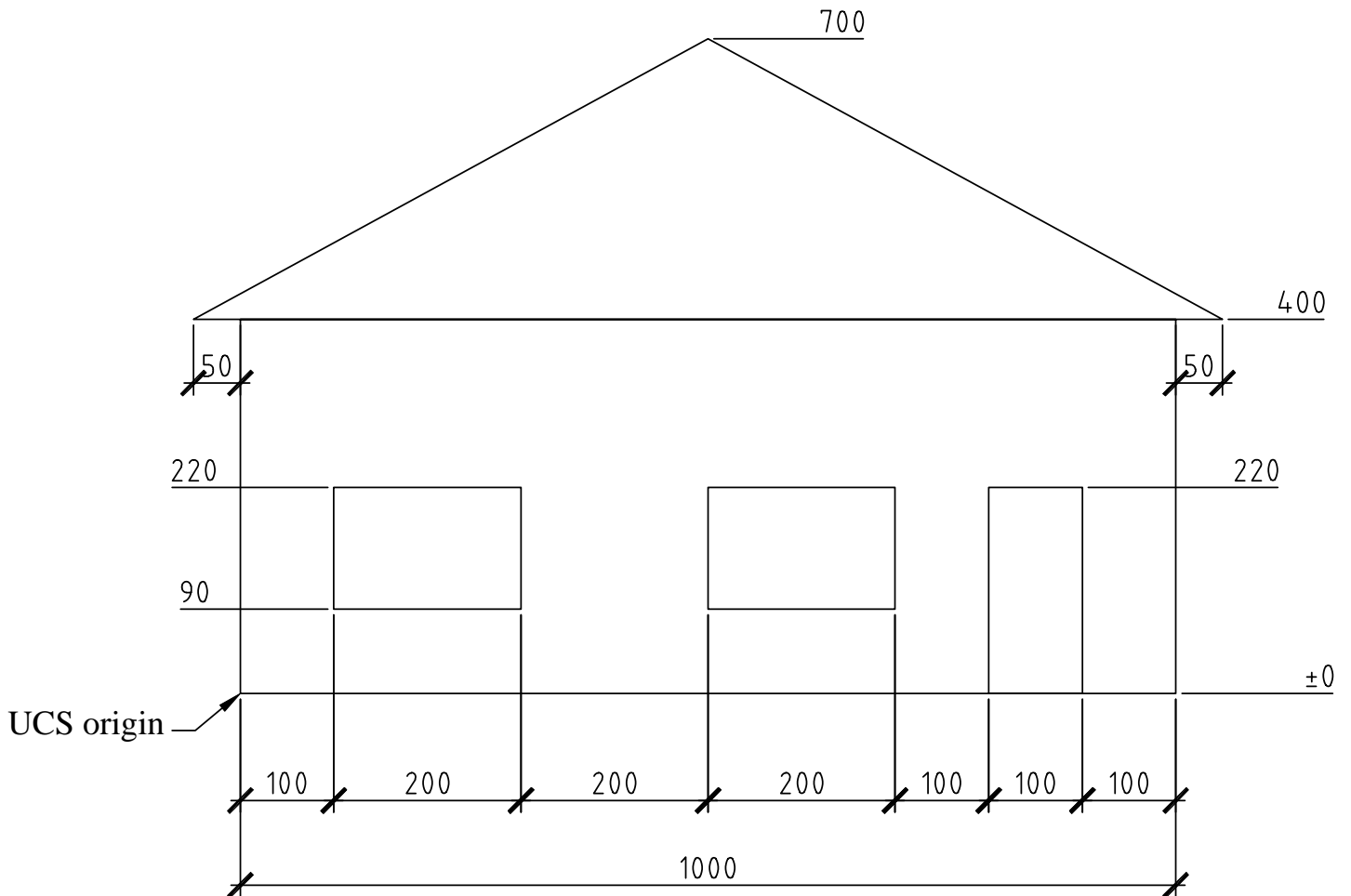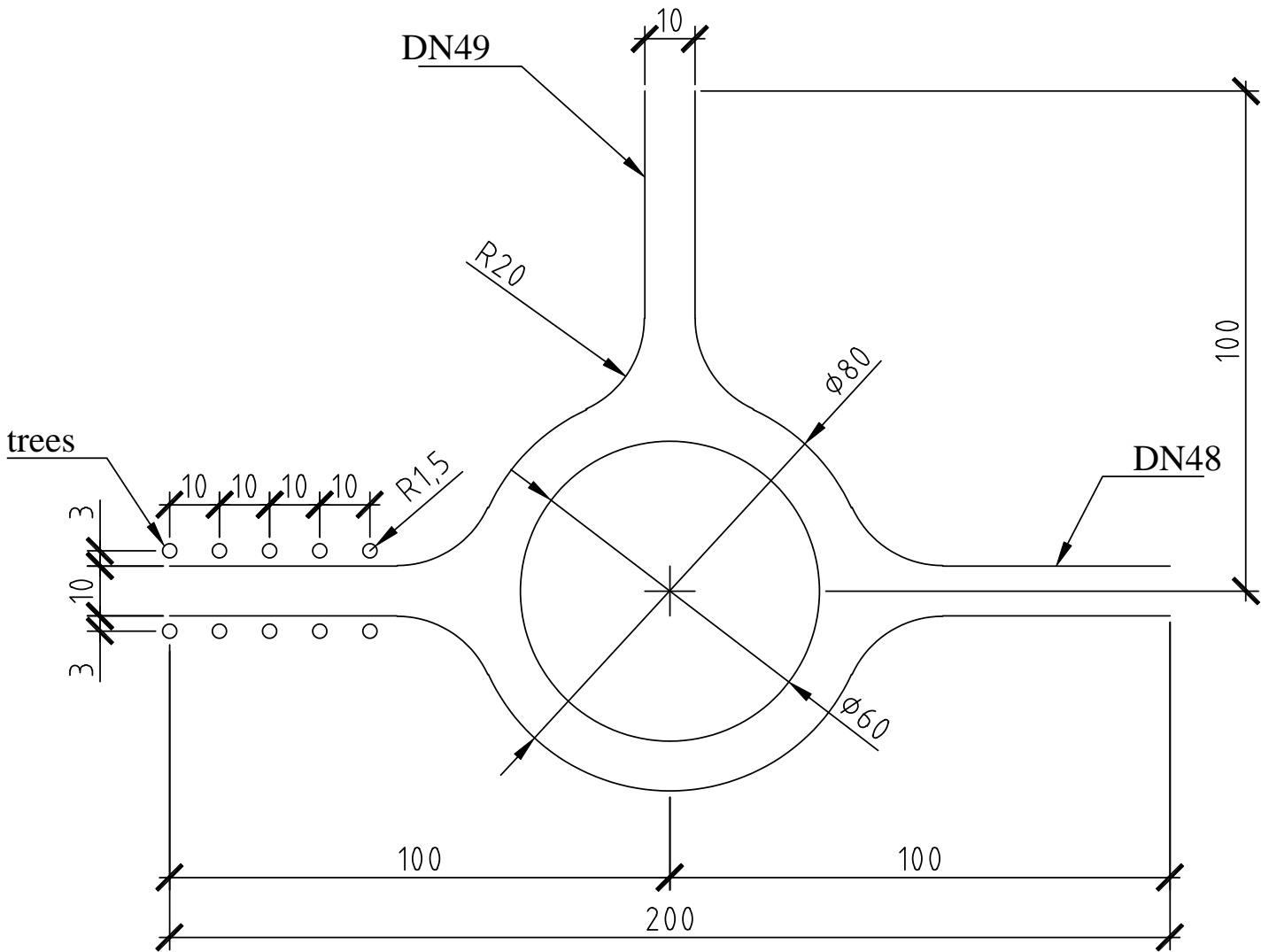[1.a] Open a new drawing using the metric setings (acadiso.dwt template) and save it in your home folder under the name Surname_Name_L06.dwg . Draw the figure above (or use the supplied en_L06_suport.dwg file)

[1.b] Create the following layers:
* CONTOUR, GREEN colour, CONTINUOUS linetype, 0.4 LINEWEIGHT
* DIM, CYAN colour, CONTINUOUS linetype, 0.2 LINEWEIGHT

[1.c] Using **linear**, **aligned**, and **angular** dimensions, draw the dimensions

[1.d] Change the font of the STANDARD text style to ISOCP

[1.e] Modify the ISO-25 dimension style as follows:
* Set the overall feature scale to 10
* Change the text colour to yellow
* Change the precision of the primary units to 0.0
* Set the baseline spacing of the dim. line to 7 units

[2.a] Draw the plate with holes as above

[2.b] Set the point size to 17 in absolute units

[2.c] Using **linear**, **continued**, and **baseline** dimensions, complete the dimensioning of the drawing

[2.d] Set the fit option to "always keep text between extension lines"

[2.e] Create the hole size dimension using **leader**

[3.a] Copy the plate with holes from point [2] 900 units to the right

[3.b] Using **quickdimension**, with **continued** and **baseline options**, complete the dimensioning of the drawing

[4.a] Draw the sketch of the building facade

[4.b] Set the UCS origin to the lower-left corner of the building

[4.c] Create a new dimension style "ISO-25-tick", starting from "ISO-25" and changing:
* Arrowhead to "Architectural tick"
* Extension beyond ticks to a value of 1

[4.d] Using ordinate, linear, baseline, and continued dimension types, complete the drawing dimensioning. Use the "ISO-25-tick" dimension style created before when dimensioning, by making it the current one.

DN49

R20

10

Ø80

100

trees

10 10 10 10 R1,5

3

10

3

Ø60

DN48

100

100

200

[5.a]   Draw the rotary intersection.

[5.b]   Create a new dimension style called "road", starting from "ISO-25-tick" and changing the overall scale for dimension features to factor 2

[5.c]   Create variants of the "road" style for the **radius** and **diameter** dimension types, changing the arrowhead type to closed filled arrow.

[5.d]   Using **radius**, **diameter**, **center mark**, **linear**, **baseline**, and **continued** dimension types, complete the drawing dimensioning. Use the "road" dimension style created before when dimensioning, by making it the current one.

[5.e]   Using DIMTEDIT or grip editing, move the "trees" dimension text outside extension lines. Try bringing the dimension back to its original position with the **home** option of DIMTEDIT.

[5.f]   Set up the **quickleader** to use a maximum of 2 points for the leader line and to underline the bottom line of the text attachment, then create the **leader** dimensions. Note that the leader may be adjusted after it was created by **moving** the text.