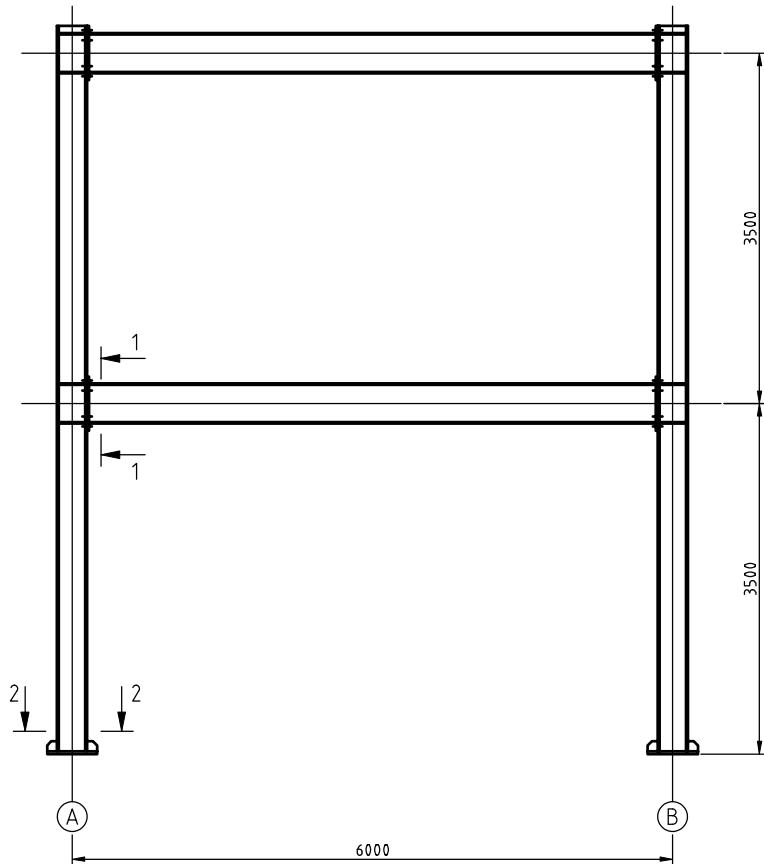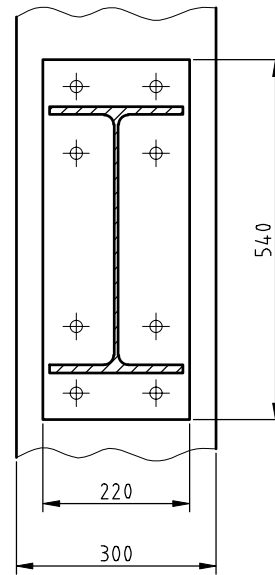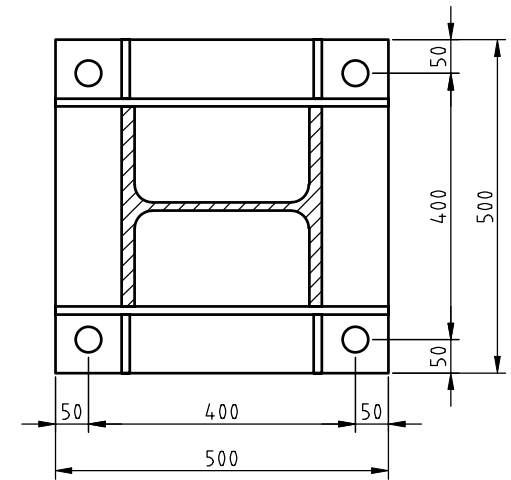CADRU TRANSVERSAL AX 1 (sc. 1:50)

Sect. 1-1 (sc. 1:10)

Sect. 2-2 (sc. 1:10)

[1.a] Open the "en_L07_suport.dwg" drawing and save it to your home directory using the patterns "Surname_Name_L07.dwg".

[1.b] **The drawing units (DU) and plot units (PU) are *mm*.** Four plot scales are to be used for plotting this drawing: 1:100, 1:50, 1:20, 1:10, of which dimensions need be created for the last three ones. Create three more dimension styles, starting with the ISO-25 style as follows:
* name: "1to50" - set the overall scale for dimension features to 50
* name: "1to20" - set the overall scale for dimension features to 20
* name: "1to10" - set the overall scale for dimension features to 10

[1.c] Draw the missing annotations and dimensions in **model space**, using appropriate text height and dimension style. The annotations should appear on the **plotted drawing** of height 3.5mm (e.g. for the 1:50 view, use a text of height 3.5*50=175)

[1.d] Set up layer lineweights:
* AXE, 0.2 mm lineweight
* CONTUR, 0.4 mm lineweight
* COTE, 0.2 mm lineweight
* HASURI, 0.2 mm lineweight
* INVIZIBILE, 0.09 mm lineweight
* SUBTIRI, 0.09 mm lineweight
* TEXTE, 0.2 mm lineweight

[2.a]   Switch to paper space (Layout1).
[2.b]   Setup the page for Layout1 as follows:
        * Printer/plotter: DWF6 ePlot.pc3
        * Paper size: ISO full bleed A3 (420x297mm)
        * Plot area: Layout
        * Plot offset: 0,0
        * Plot scale 1:1
        * Drawing orientation: Landscape

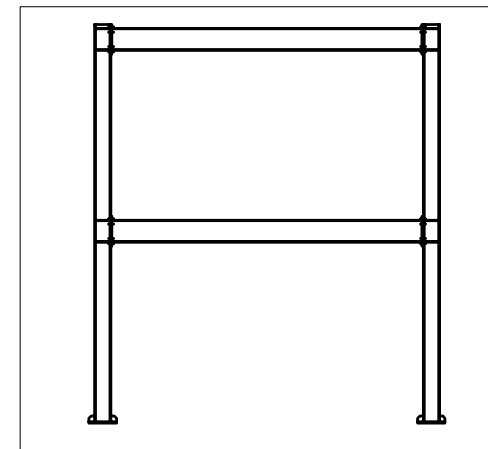| Univ. "Politehnica" din Timisoara Facultatea de Constructii | | | Structura metalica multietajata | | pr. nr. 01/2005 | |
|---|---|---|---|---|---|---|
| proiectat | Ionescu | | scara | | faza | |
| desenat | Ionescu | | 1:100 | Cadru transversal ax 1 | PE | |
| verificat | S.A. | | 1:50 | | pl. nr. | |
| contr. STAS | S.A. | | 1:10 | | 01 | |
| aprobat | S.A. | | 15.11.05 | | | |

[3.a]   Insert the title block ("title_block_A3.dwg" file) at (0,0) coordinates, explode it, and edit the block annotations as in the figure above
[3.b]   Rename the layout to "plansa1 (A3)"

[4.a]   Make a new layer named "VPORT".
[4.b]   Set the "VPORT" layer as the current one and create four viewports (View>Viewports menu, or MVIEW command). Set the appropriate view for each viewport by:
                - Setting the viewport scale (1:50, 1:10, and 1:100)
                - Switching between paper space and model space in the layout view
                - Stretching the viewports
[4.c]   Create the "Note..." text at the bottom of the page in layout view, of height 3.5mm.
[4.d]   Switch to model space in the upper-right viewport (1:100) and freeze (only for that viewport!) the layers containing axes, dimensions and annotations.
[4.e]   Set the linetype scale to 0.5
[4.f]   Switch to paper space, freeze the "Vport" layer and plot the drawing to a file in your home directory.
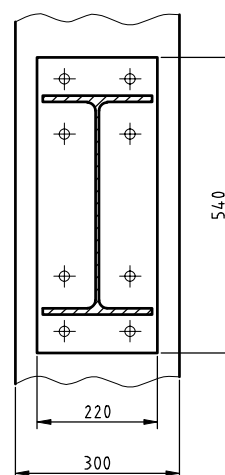[4.g]   The plotted file should look like in the following page, but with viewport boundaries invisible.
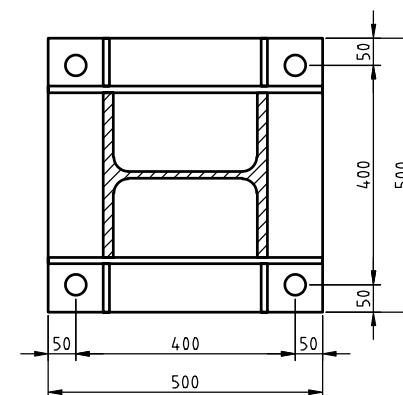
## CADRU TRANSVERSAL AX 1 (sc. 1:50)

3500

3500

1

1

2 | 2

A

B

6000
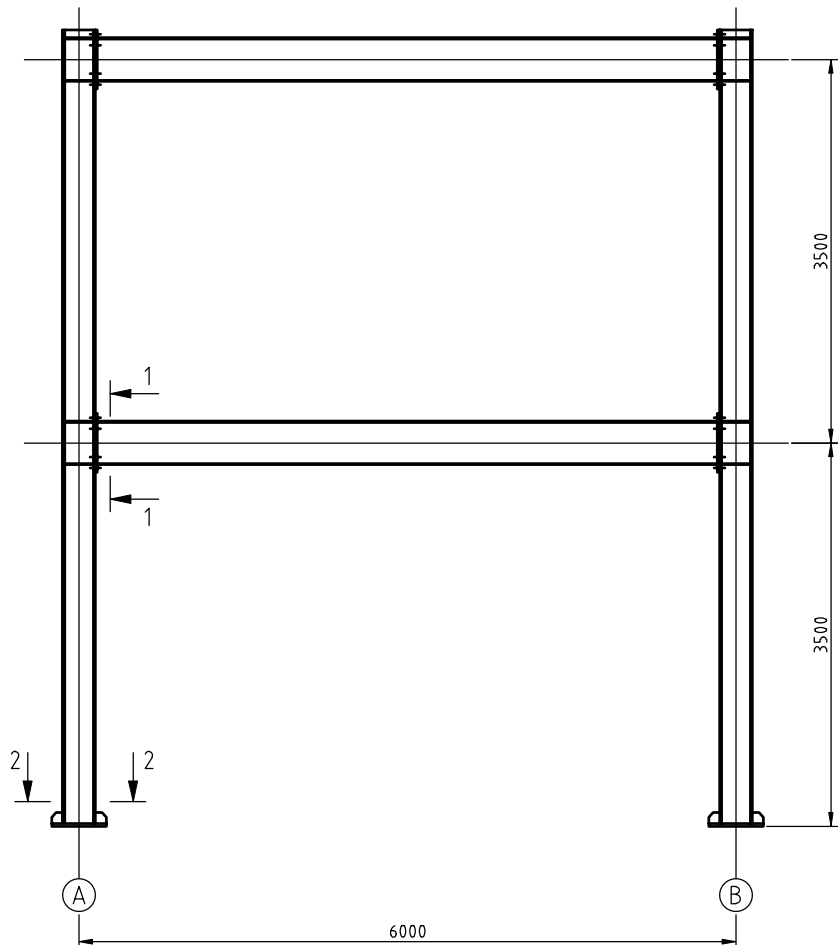
## Schita cadru (sc. 1:100)



## Sect. 1-1 (sc. 1:10)

54.0

220

300

## Sect. 2-2 (sc. 1:10)
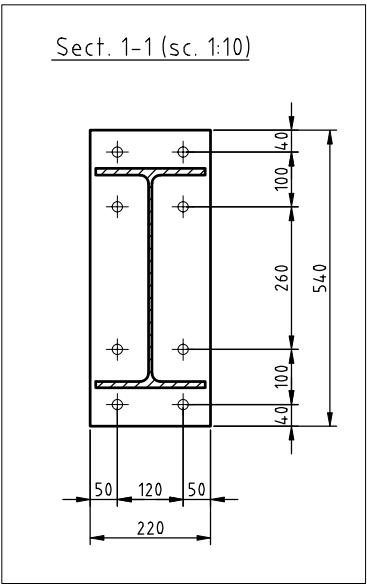
50

400

500

50

50

400

50

500

Nota:
(1) Executie conform STAS 767/0-88.
(2) Pentru informatii suplimentare vezi caietul de sarcini.

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|---|---|---|---|---|---|---|
| proiectat | Ionescu | | scara | | faza | |
| desenat | Ionescu | | 1:100 | Cadru transversal ax 1 | PE | |
| verificat | S.A. | | 1:50 | | | |
| contr. STAS | S.A. | | 1:10 | | pl. nr. | |
| aprobat | S.A. | | 15.11.05 | | 01 | |

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|---|---|---|---|---|---|---|
| proiectat | Ionescu | | scara | | faza | |
| desenat | Ionescu | | 1:20 | Rigla R1 | PE | |
| verificat | S.A. | | 1:10 | | pl. nr. | |
| contr. STAS | S.A. | | | | 01 | |
| aprobat | S.A. | | 15.11.05 | | | |

[5.a]   Create a copy of the "plansa1 (A3)" layout.

[5.b]   Rename it to "plansa2 (A3)"

[5.c]   Erase existing viewports and create two new viewports as in the following page

[5.d]   Modify the title block as in the figure above

[5.e]   Freeze the "Vport" layer and plot the drawing to a file in your home directory
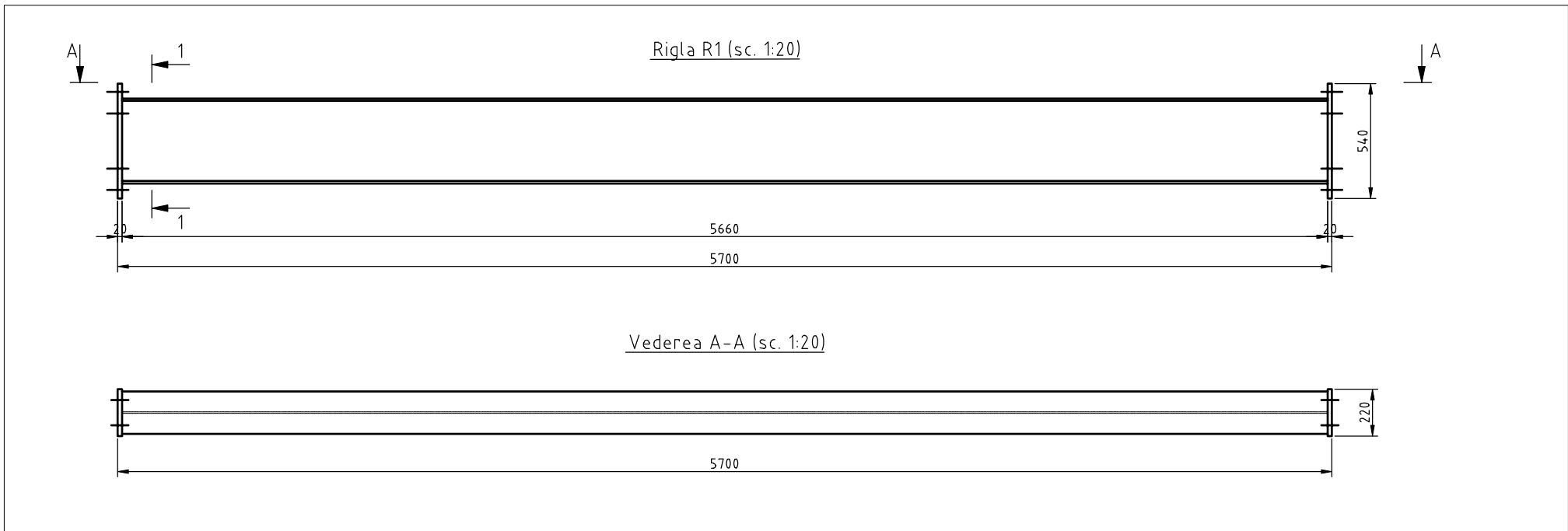
## Rigla R1 (sc. 1:20)

540

5660

5700

A

1

A

1

## Vederea A-A (sc. 1:20)

220

5700

## Sect. 1-1 (sc. 1:10)

40
100
260
100
40

540

50
120
50

220

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|---|---|---|---|
| proiectat | Ionescu | | scara | | faza PE |
| desenat | Ionescu | | 1:20 | Rigla R1 | |
| verificat | S.A. | | 1:10 | | pl. nr. 02 |
| contr. STAS | S.A. | | | | |
| aprobat | S.A. | | 15.11.05 | | |