

грађевинско-архитектонски факултет у нишу
примена рачунара у архитектури

06.

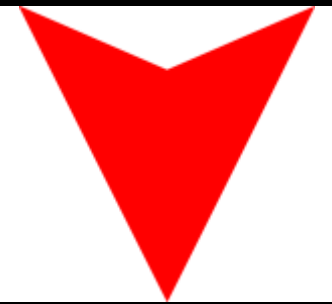
предавање

AutoCAD

Увоз екстерних докумената
и штампа

AutoCAD

**УВОЗ
екстерних
докумената**



Могућ је увоз растерских и векторских фајлова.
Најчешће су то следећи формати записа докумената:

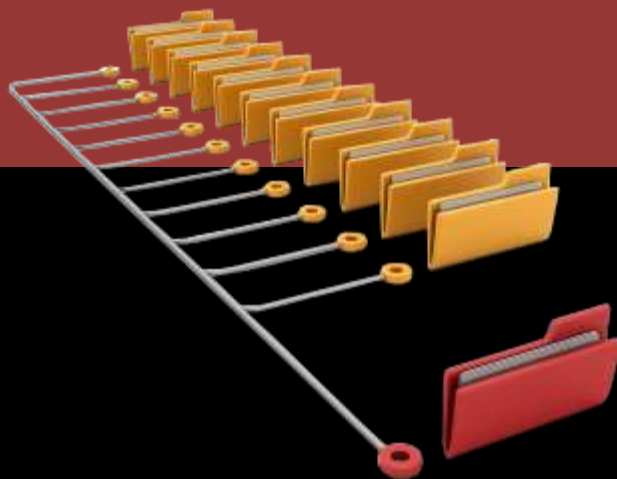
PDF

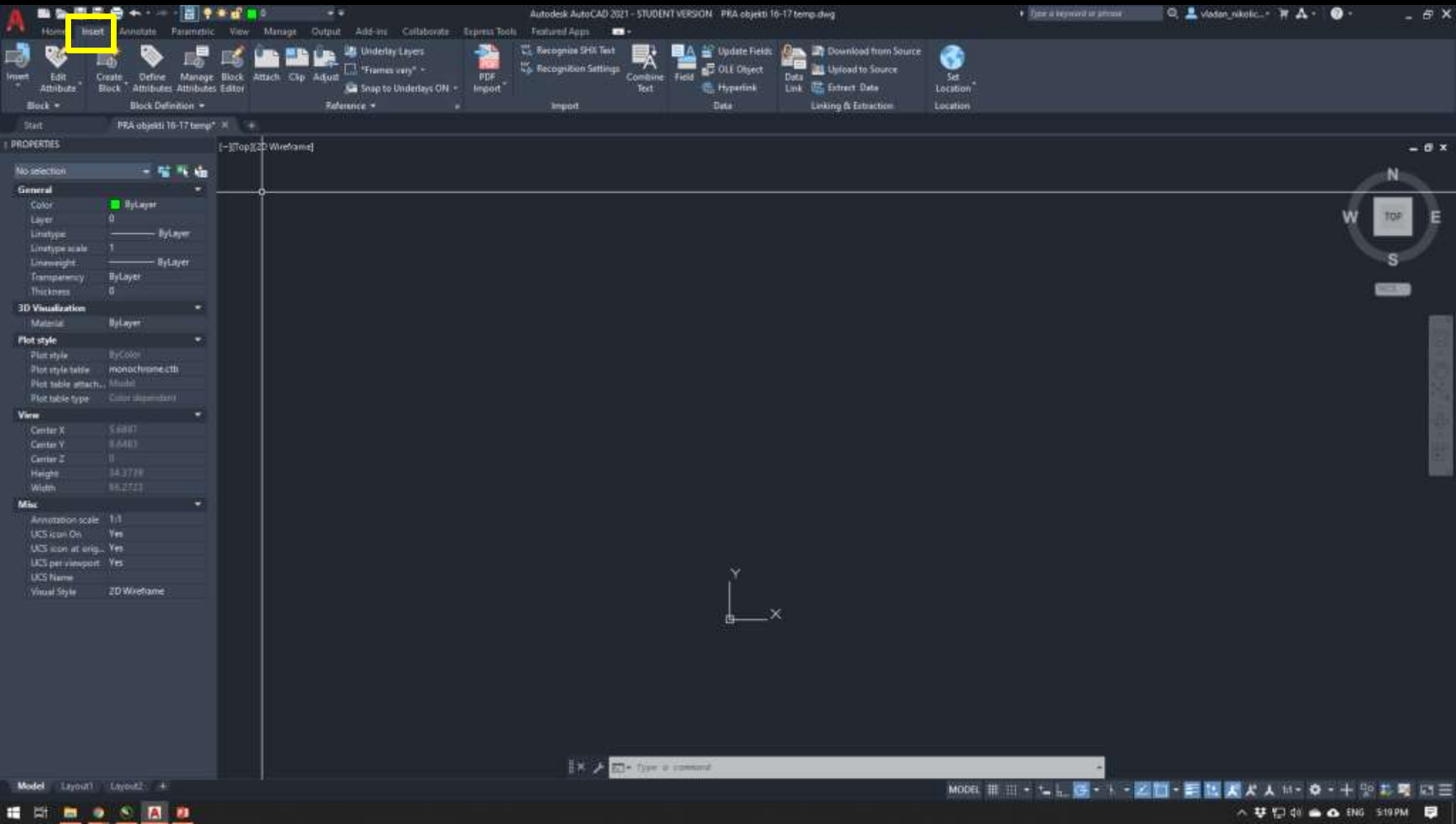
JPG

PNG

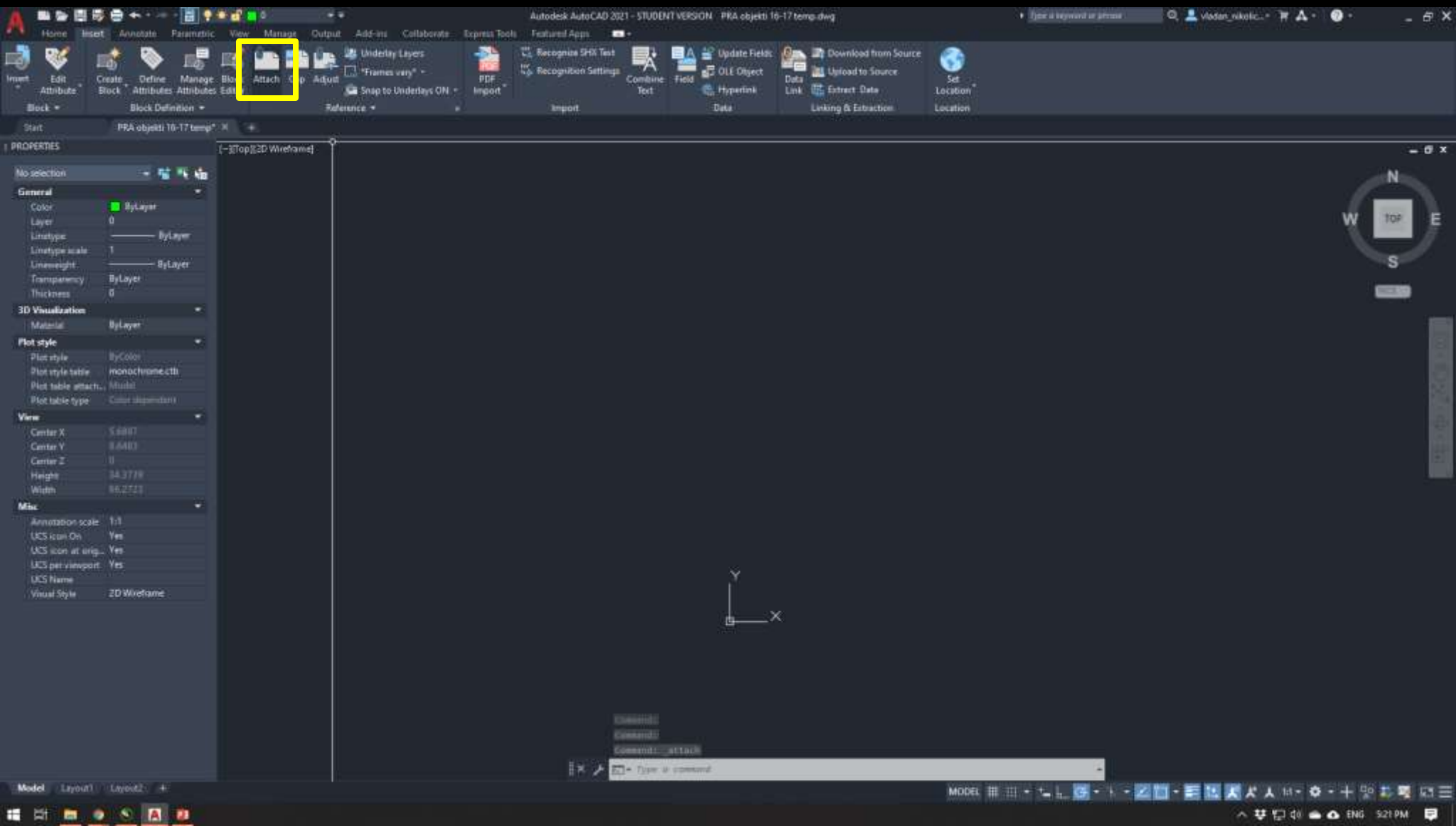
TIF

.....

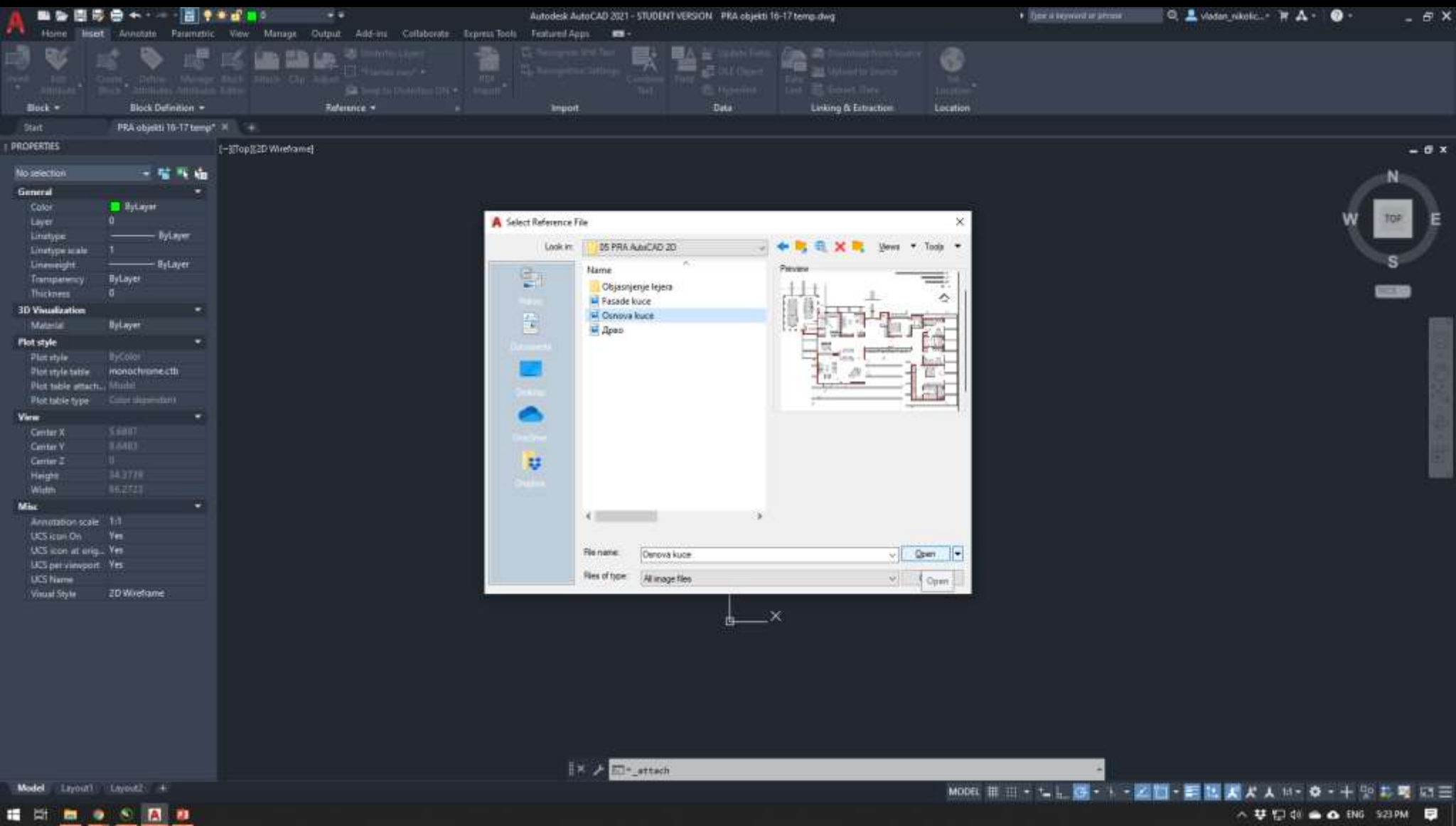


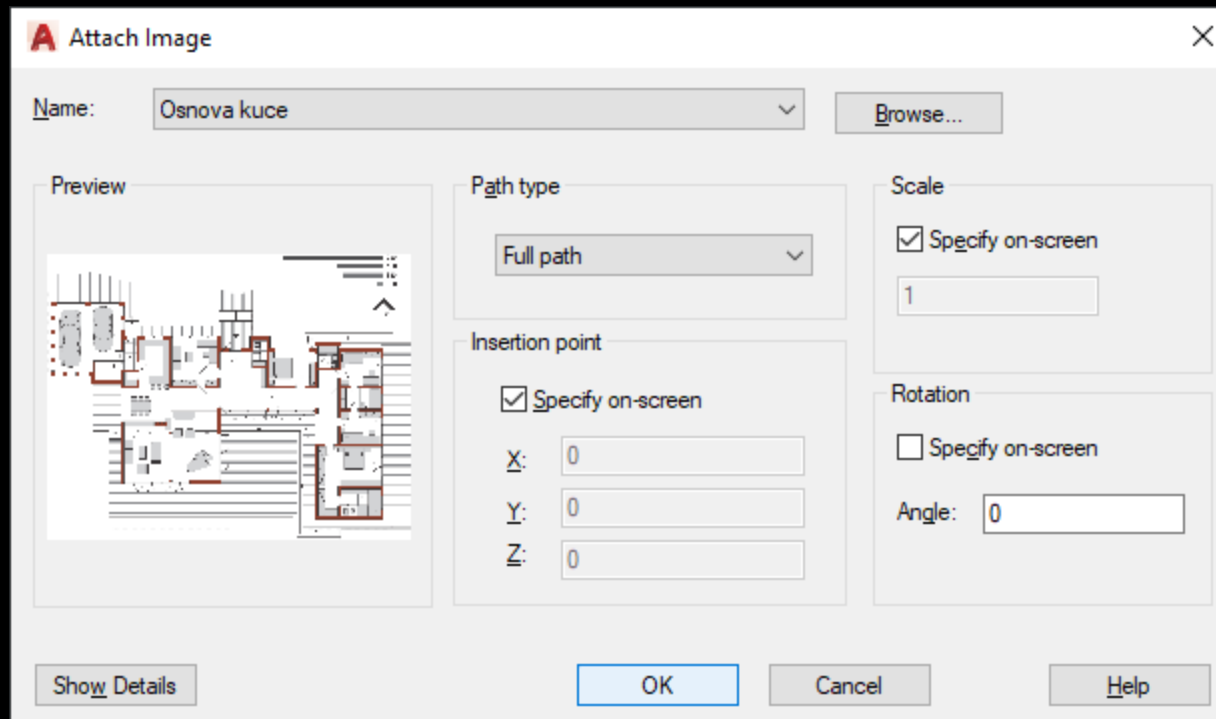


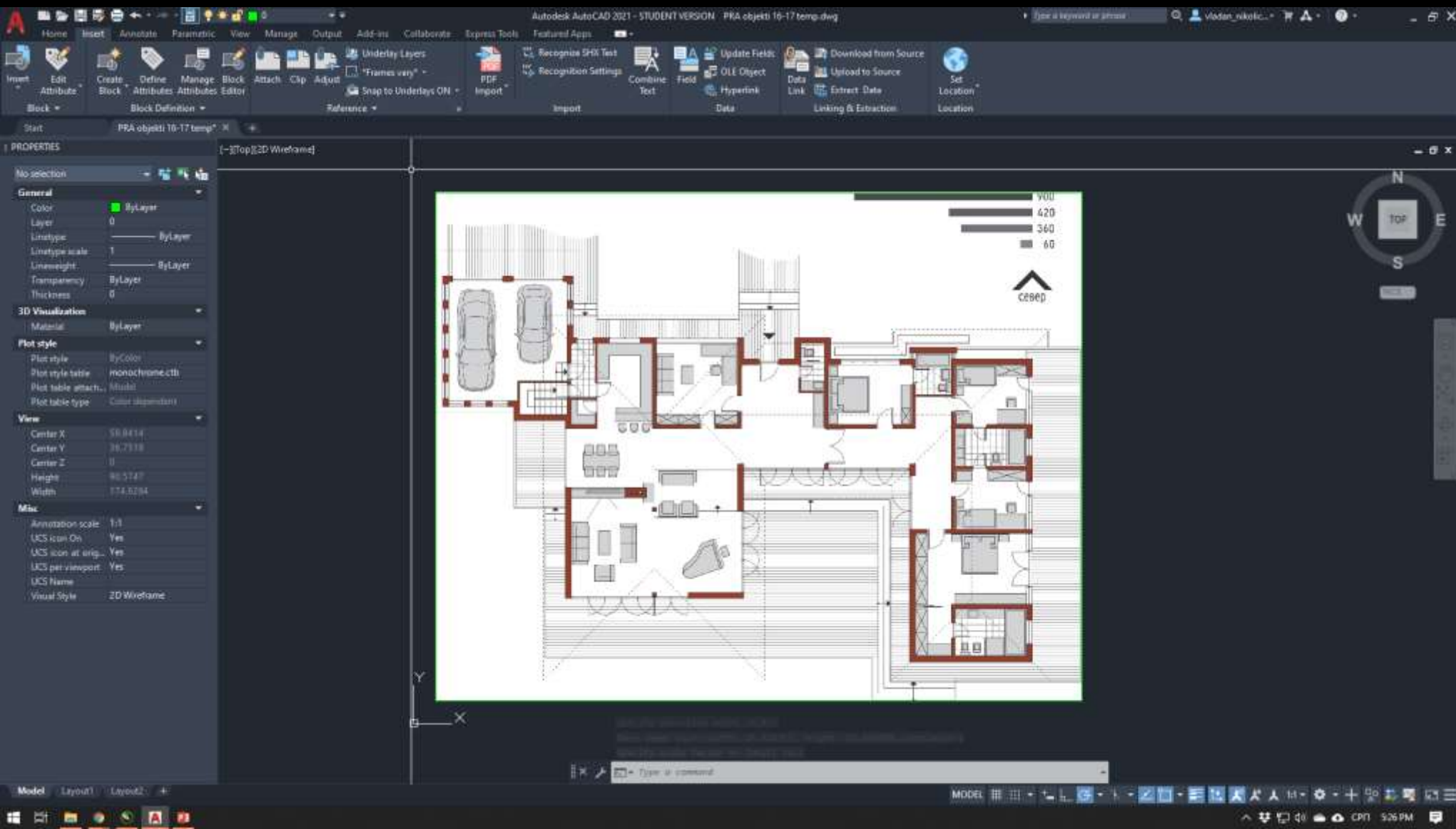
Увоз екстерних фајлова у цртеж / опција АТТАСН



Избор слике (растерског фајла) који се увози

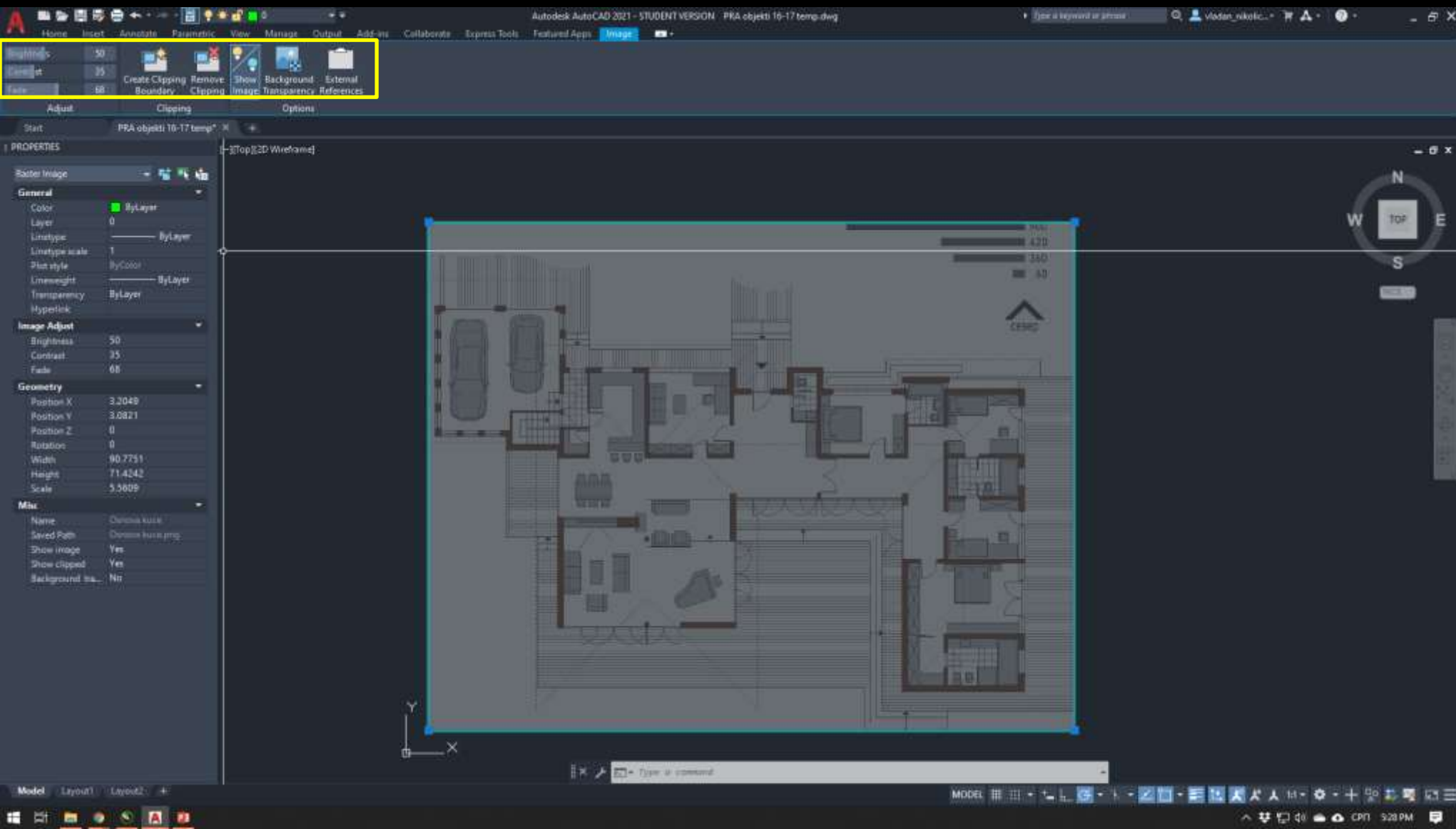




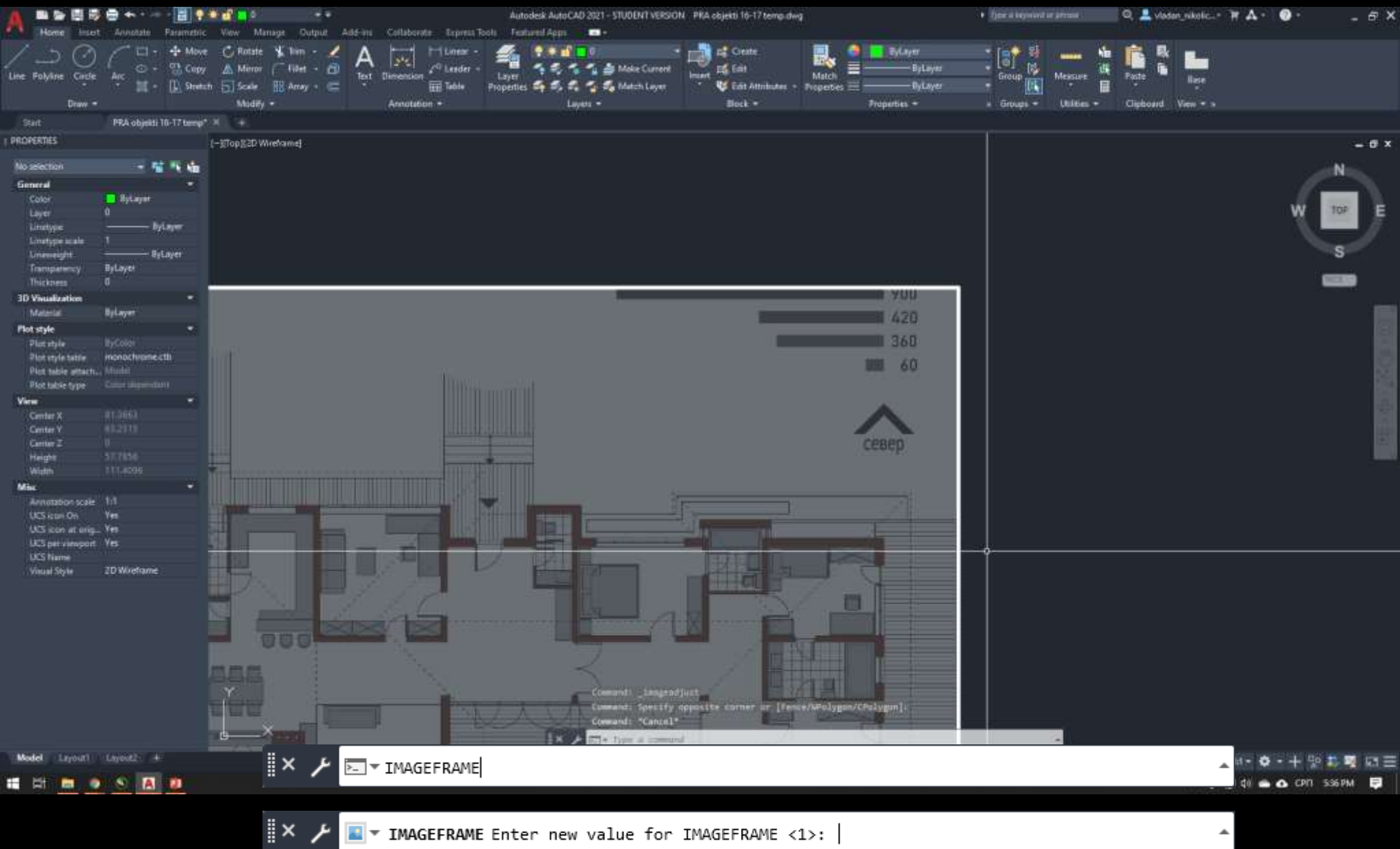


Слика увежана у цртеж

Основна подешавања доступна су селекцијом слике.
Димензију слике могуће је прилагодити размери цртежа опцијом SCALE.



Линеарни оквир слике могуће је искључити опцијом IMAGEFRAME, унете преко командне линије (вредност 0 – без оквира; вредност 1 – са оквиром)





Start PRA objekti 10-17 temp.dwg X

PROPERTIES [Top] [3D Wireframe]

No selection

General

- Color: ByLayer
- Layer: 0
- Linetype: ByLayer
- Linetype scale: 1
- Unfreeze: ByLayer
- Transparency: ByLayer
- Thickness: 0

3D Visualization

- Material: ByLayer

Plot style

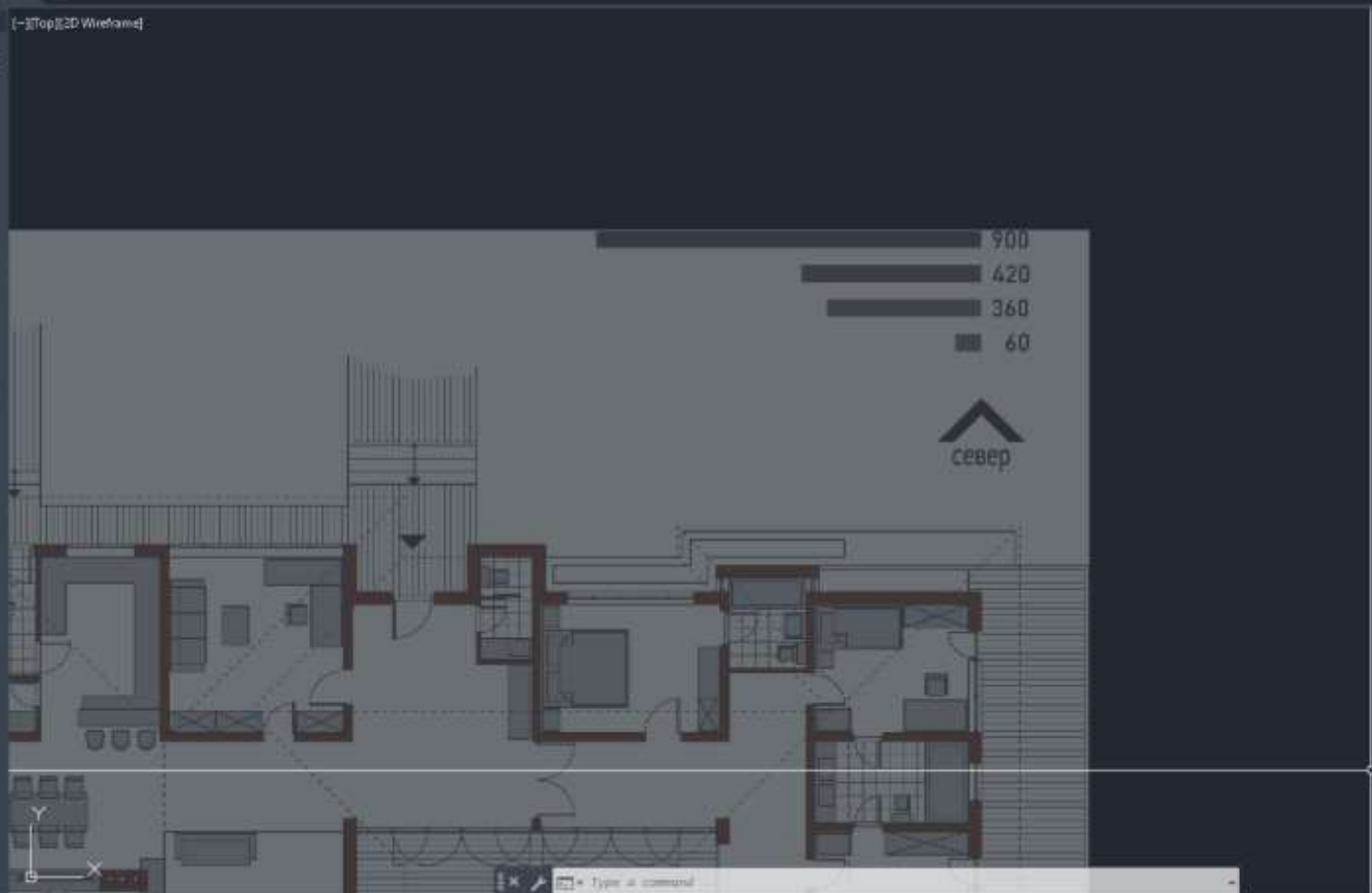
- Plot style: ByColor
- Plot style table: monochrome.ctb
- Plot table attach: No
- Plot table type: Color dependent

View

- Center X: 81.3663
- Center Y: 88.2313
- Center Z: 0
- Height: 57.7856
- Width: 111.4096

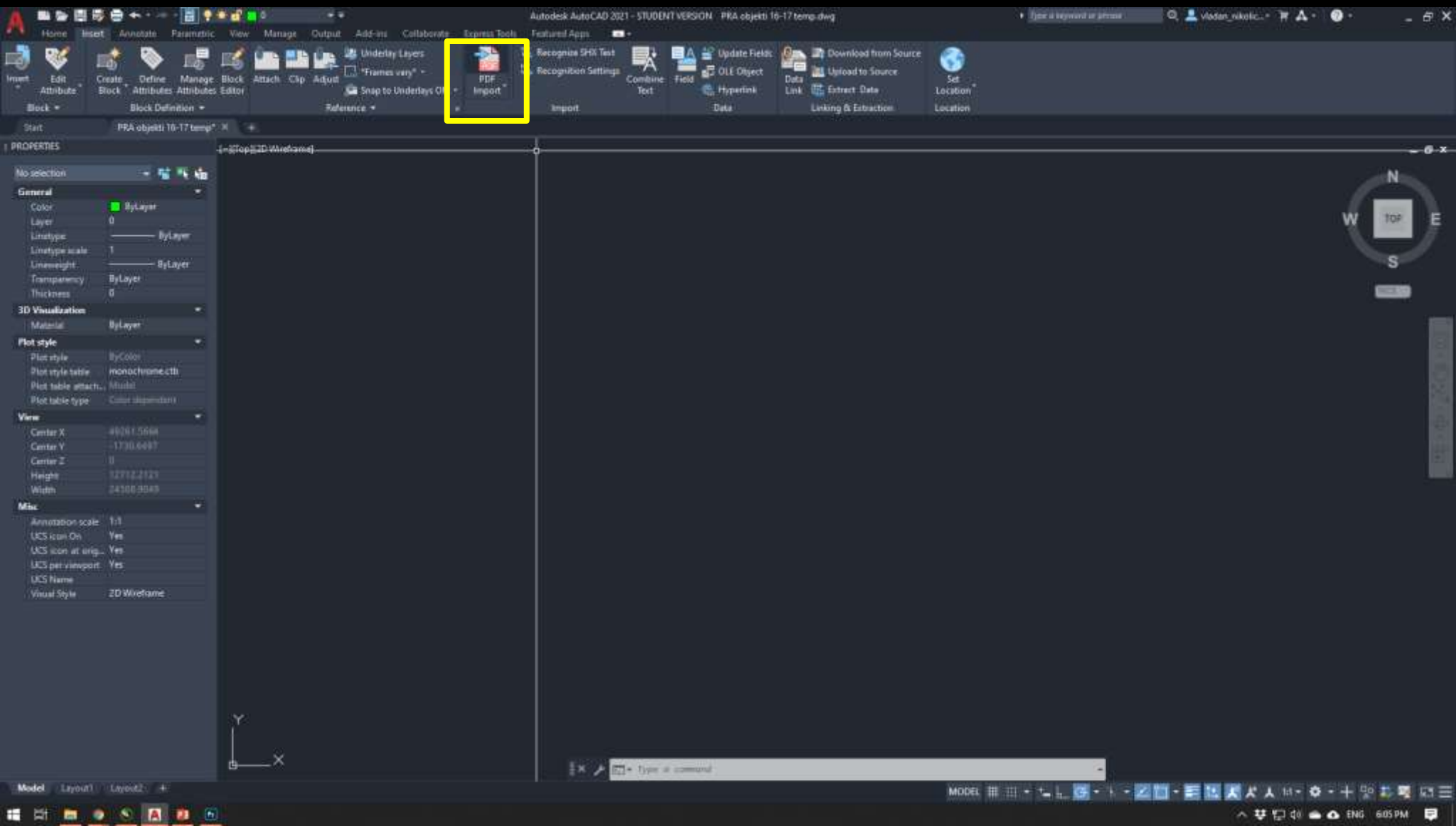
Misc

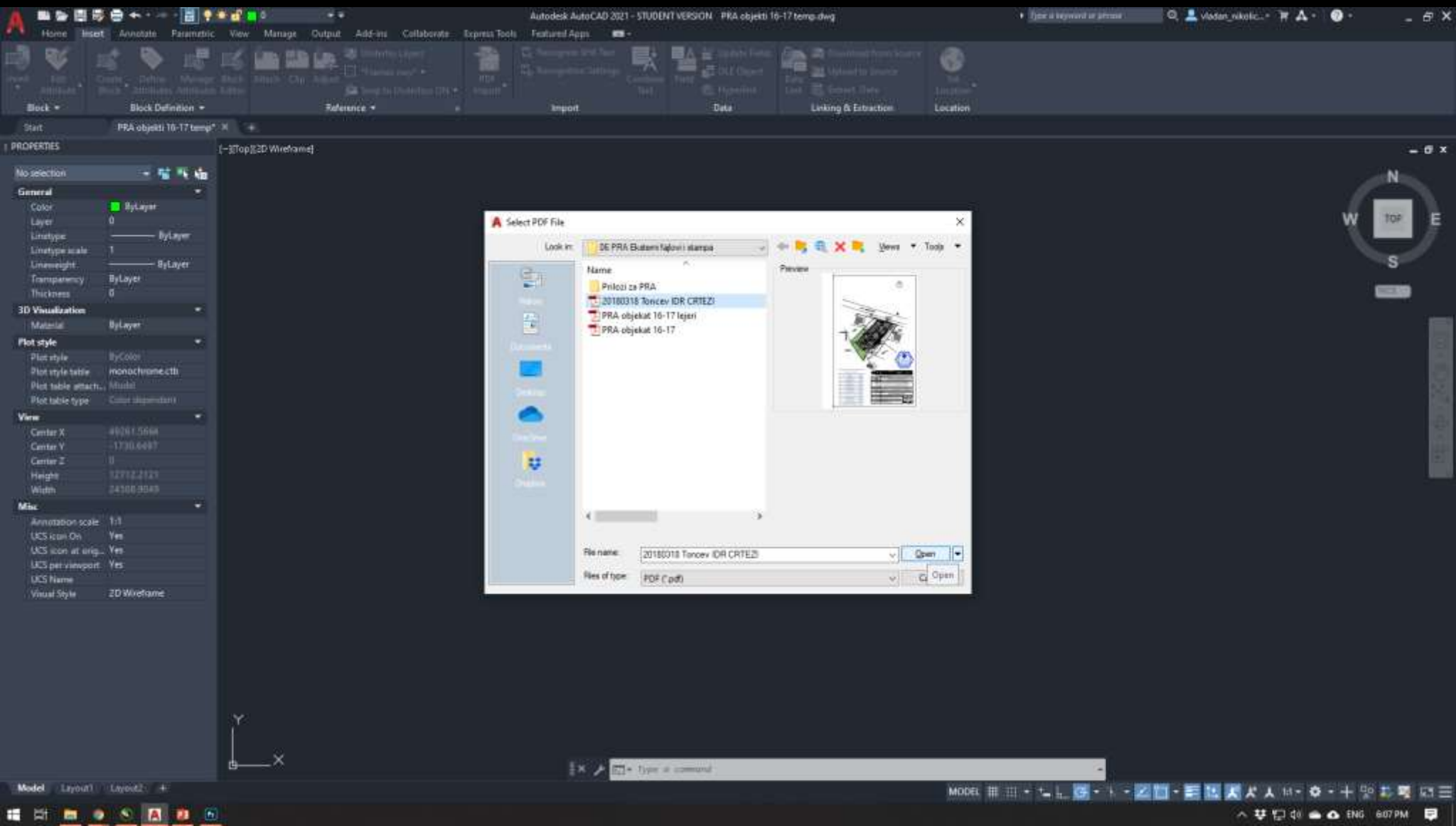
- Annotation scale: 1:1
- UCS icon On: Yes
- UCS icon at origin: Yes
- UCS per viewport: Yes
- UCS name:
- Visual Style: 2D Wireframe



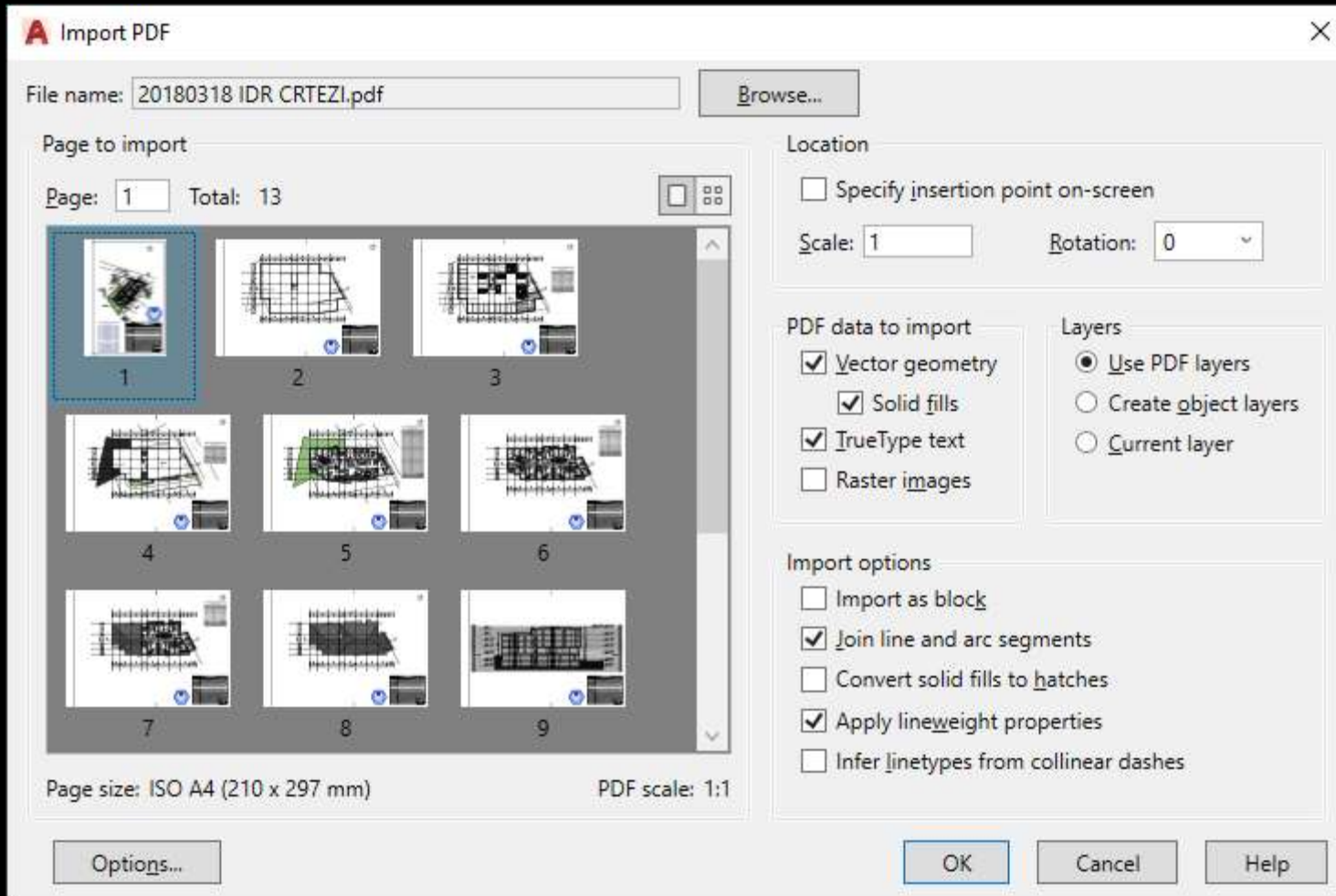
MODEL [Grid] [Isometric] [3D View] [2D View] [Zoom] [Pan] [Rotate] [Move] [Copy] [Paste] [Undo] [Redo] [Close] [Print] [Help]

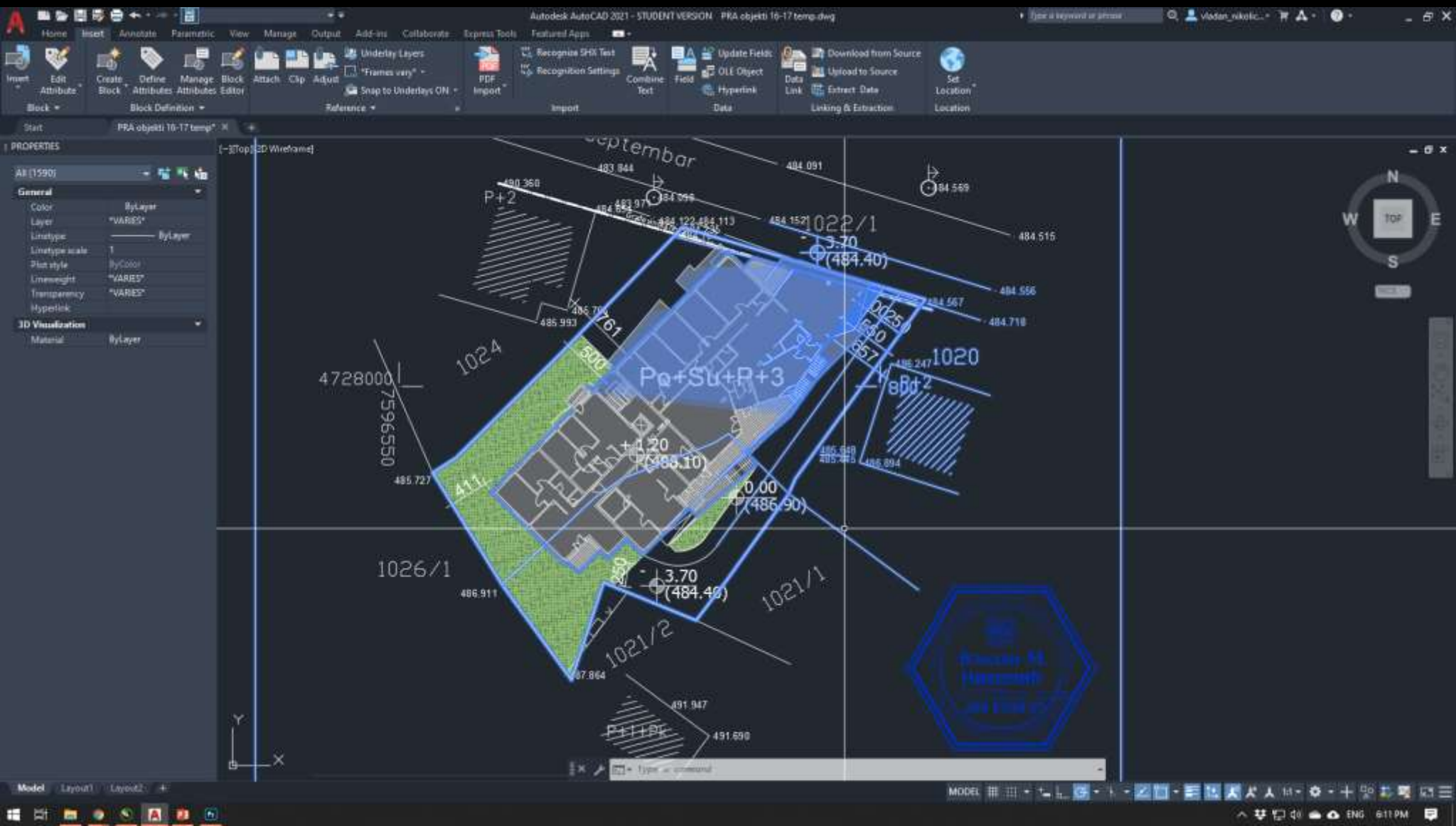
MODEL [Grid] [Isometric] [3D View] [2D View] [Zoom] [Pan] [Rotate] [Move] [Copy] [Paste] [Undo] [Redo] [Close] [Print] [Help]





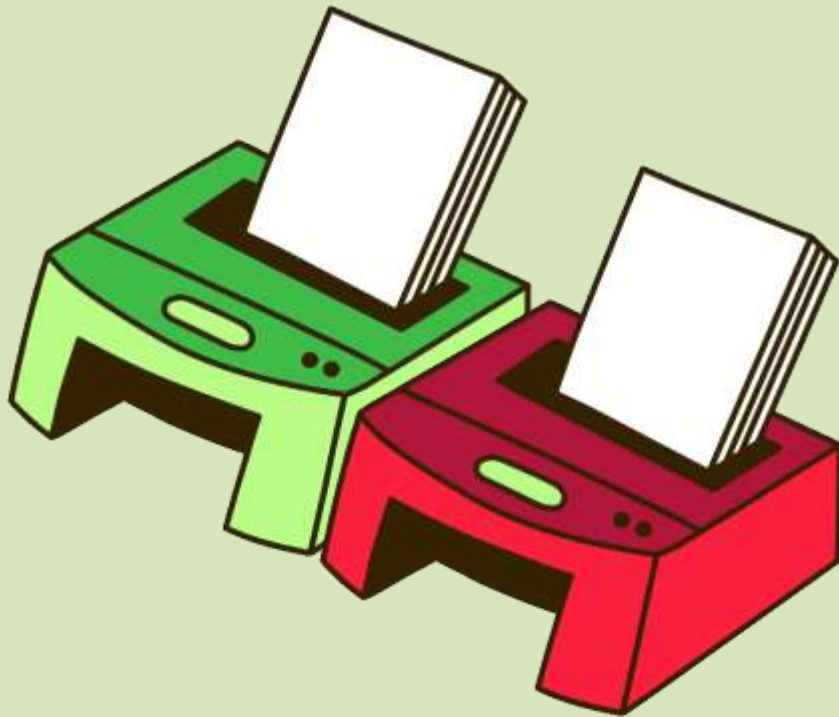
Увоз PDF документа у цртеж / Дијалог прозор IMPORT PDF
Избор странице PDF документа и параметара за увоз.





AutoCAD

Штампање
цртежа



Autodesk AutoCAD 2021 - STUDENT VERSION PRA objekti 16-17 temp.dwg

Home Insert Annotate Parametric View Manage Output Add-ins Collaborate Express Tools Featured Apps

Line Polyline Circle Arc Stretch Scale Array Text Dimension Leader Layer Properties Match Layer

Start PRA objekti 16-17 temp.dwg

PROPERTIES

[-]Top [3D Wireframe]

General
Color: ByLayer
Layer: 0
Linetype: ByLayer
Linetype scale: 1
Unisweight: ByLayer
Transparency: ByLayer
Thickness: 0

3D Visualization
Material: ByLayer

Plot style
Plot style: ByColor
Plot style table: monochrome.ctb
Plot table attach.: None
Plot table type: Color dependent

View
Center X: 33078.3364
Center Y: 3840.7534
Center Z: 0
Height: 2839.1223
Width: 3142.7133

Misc
Annotation scale: 1:1
UCS icon On: Yes
UCS icon at origin: Yes
UCS per viewport: Yes
UCS frame
Visual Style: 2D Wireframe

OSNOVA PRIZEMLJA 1:100

OSNOVA SPRATA 1:100

Format: A4 297x210mm

2970

2100

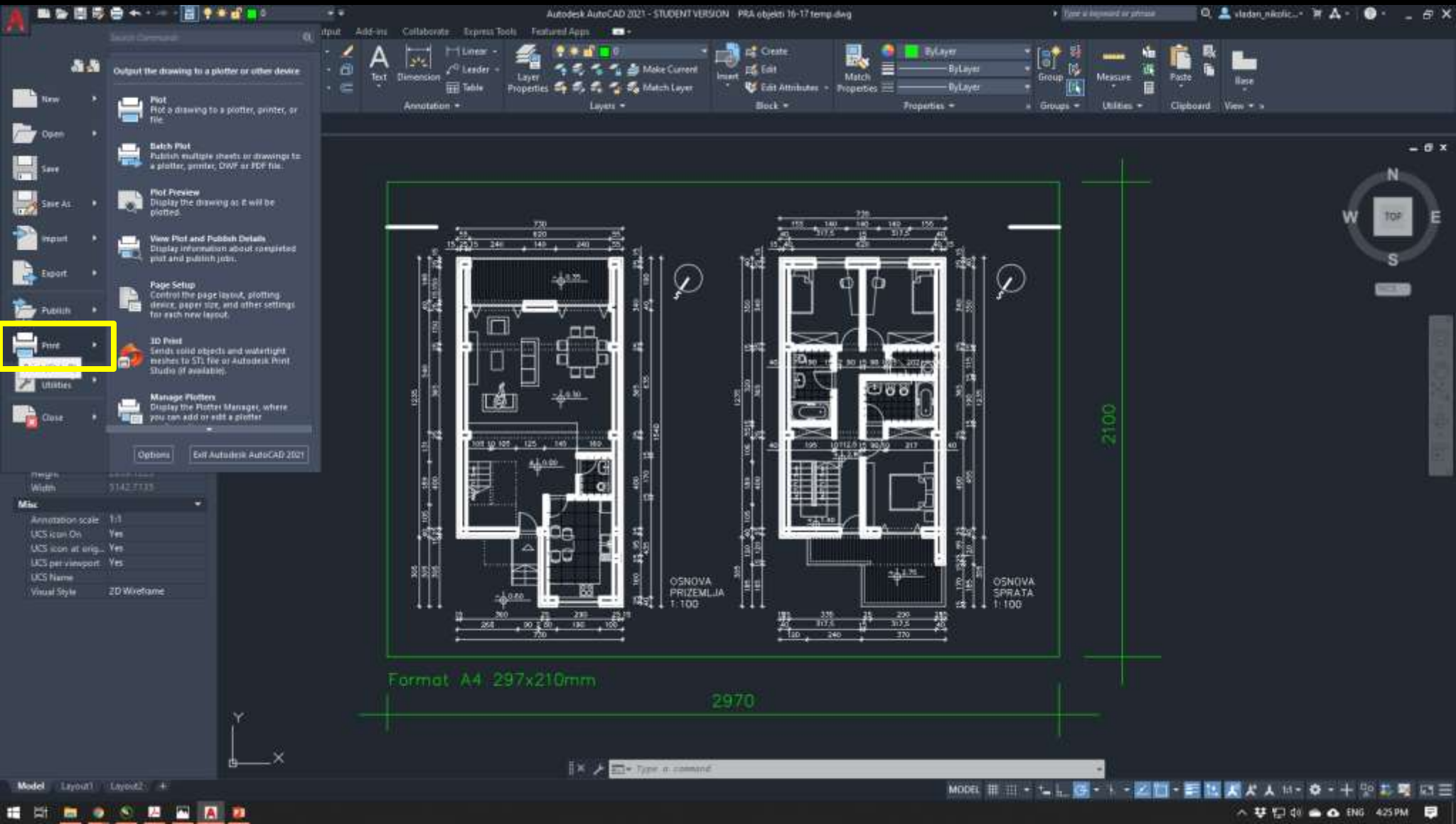
Model Layout1 Layout2

Model

Type a command

Model

ENG 11:36 AM



The image shows the AutoCAD 2021 interface with the Plot dialog box open. The drawing area displays a technical drawing of a part with dimensions. The Plot dialog box is configured as follows:

- Page setup:** Name: <None>, Add...
- Printer/plotter:** Name: Adobe PDF, Properties...; Plotter: Adobe PDF Converter - Windows System Driver - by Au...; Where: Desktop*.pdf; Description: Plot to file
- Paper size:** A4, Number of copies: 1
- Plot area:** Window, Window-c
- Plot offset (origin set to printable area):** X: -0.16 mm, Y: -0.16 mm, Center the plot
- Plot scale:** Fit to paper, Scale: 1:10, 1 mm, 10 units, Scale lineweights
- Plot style table (pen assignments):** monochrome.ctb, OK, F12
- Shaded viewport options:** Shade plot: Legacy wireframe, Quality: [slider], Plot: [slider]
- Plot options:**
 - Plot in background
 - Plot object lineweights
 - Plot transparency
 - Plot with plot styles
 - Plot paper-space last
 - Hide paper-space objects
 - Plot stamp on
 - Save changes to layout
- Drawing orientation:** Portrait, Landscape, Plot upside-down

The drawing area shows a green wireframe with dimensions: 2970 (width), 2100 (height), and 297x210mm (format). The coordinate system (X, Y) is visible in the bottom left corner.

Plot - Model [X]

Page setup

Name: <None> [v] [Add...]

Printer/plotter

Name: [Adobe PDF] [v] [Properties...]

Plotter: Adobe PDF Converter - Windows System Driver - by Au...

Where: Desktop*.pdf

Description:

Plot to file

Paper size

A4 [v]

Number of copies

1 [v]

Plot area

What to plot:

Window [v] [Window<]

Plot offset (origin set to printable area)

X: -3.16 mm Center the plot

Y: -3.19 mm

Plot scale

Fit to paper

Scale: 1:10 [v]

1 mm [v]

10 units

Scale lineweights

Plot style table (pen assignments)

monochrome.ctb [v] [icon]

Shaded viewport options

Shade plot: Legacy wireframe [v]

Quality: [v]

DPI: [v]

Plot options

Plot in background

Plot object lineweights

Plot transparency

Plot with plot styles

Plot paperspace last

Hide paperspace objects

Plot stamp on

Save changes to layout

Drawing orientation

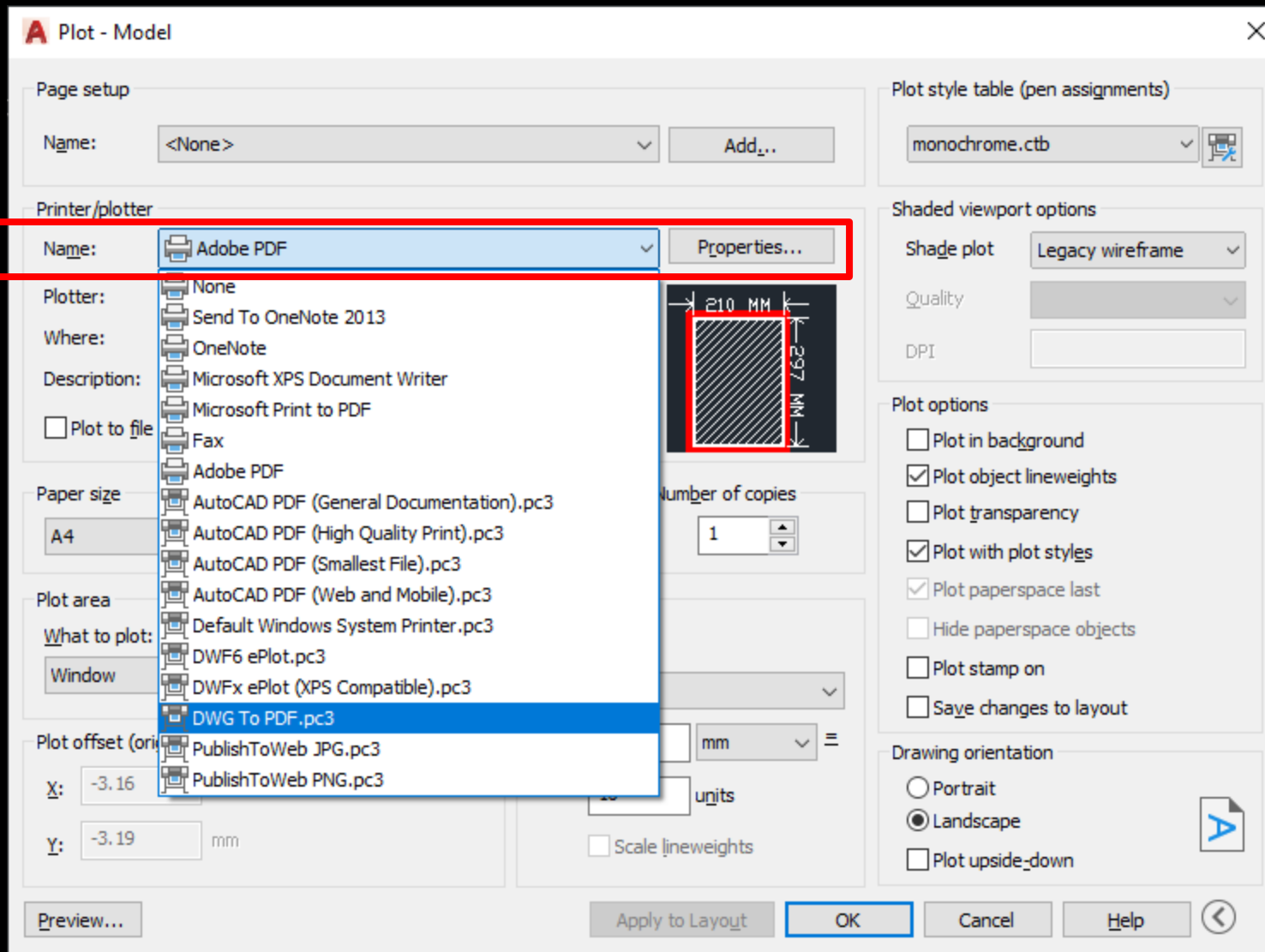
Portrait

Landscape [icon]

Plot upside_down

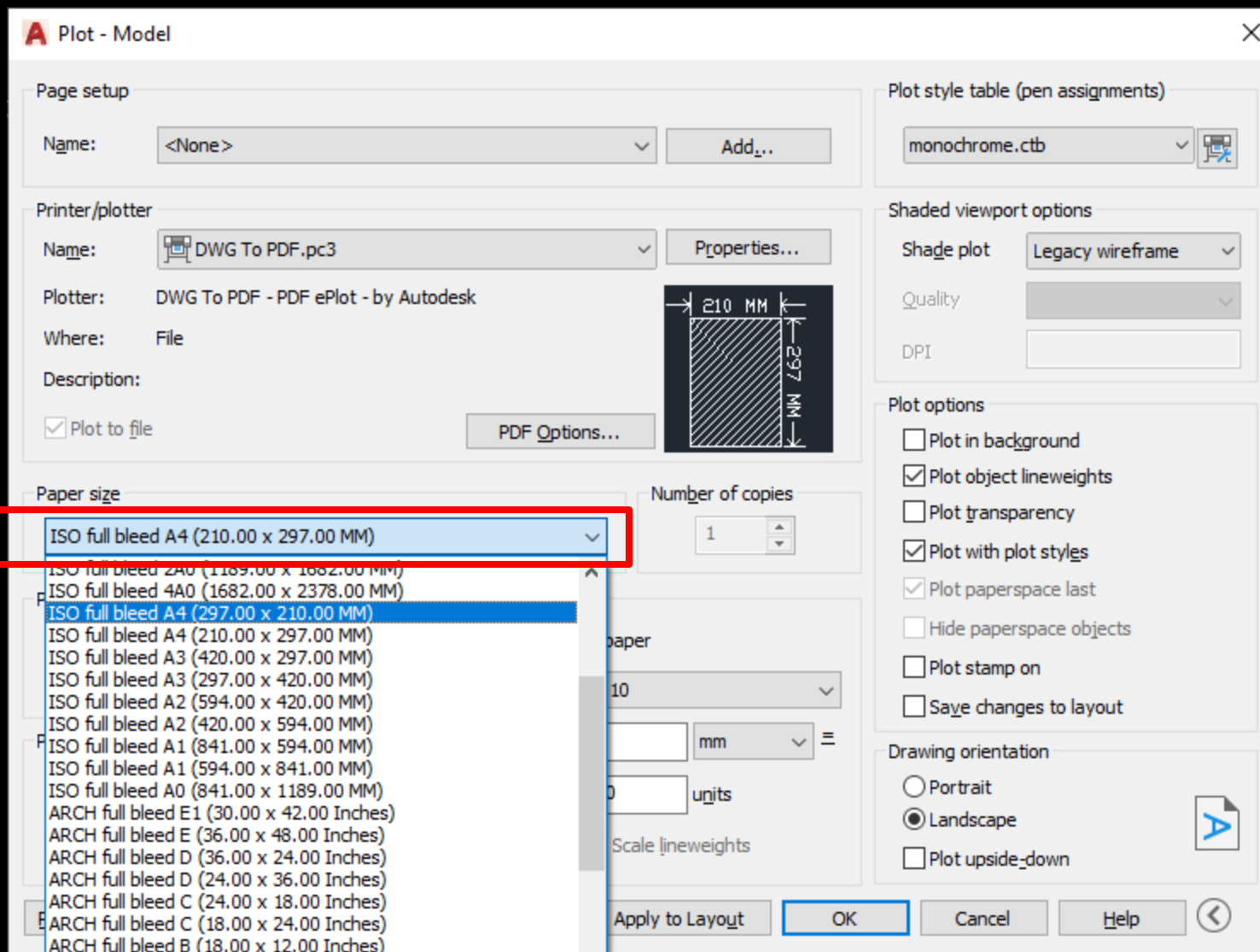
[Preview...] [Apply to Layout] [OK] [Cancel] [Help] [Back]

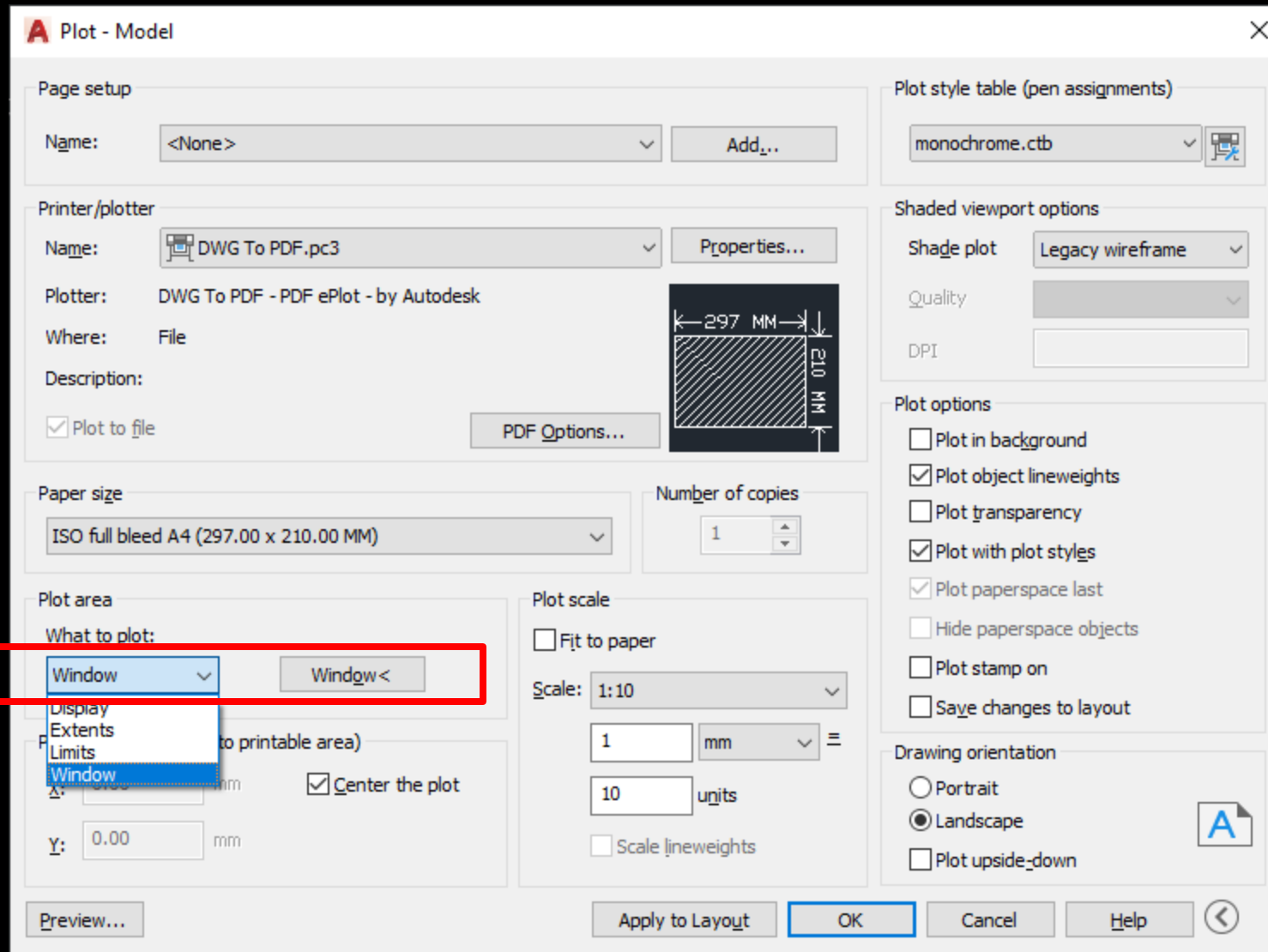


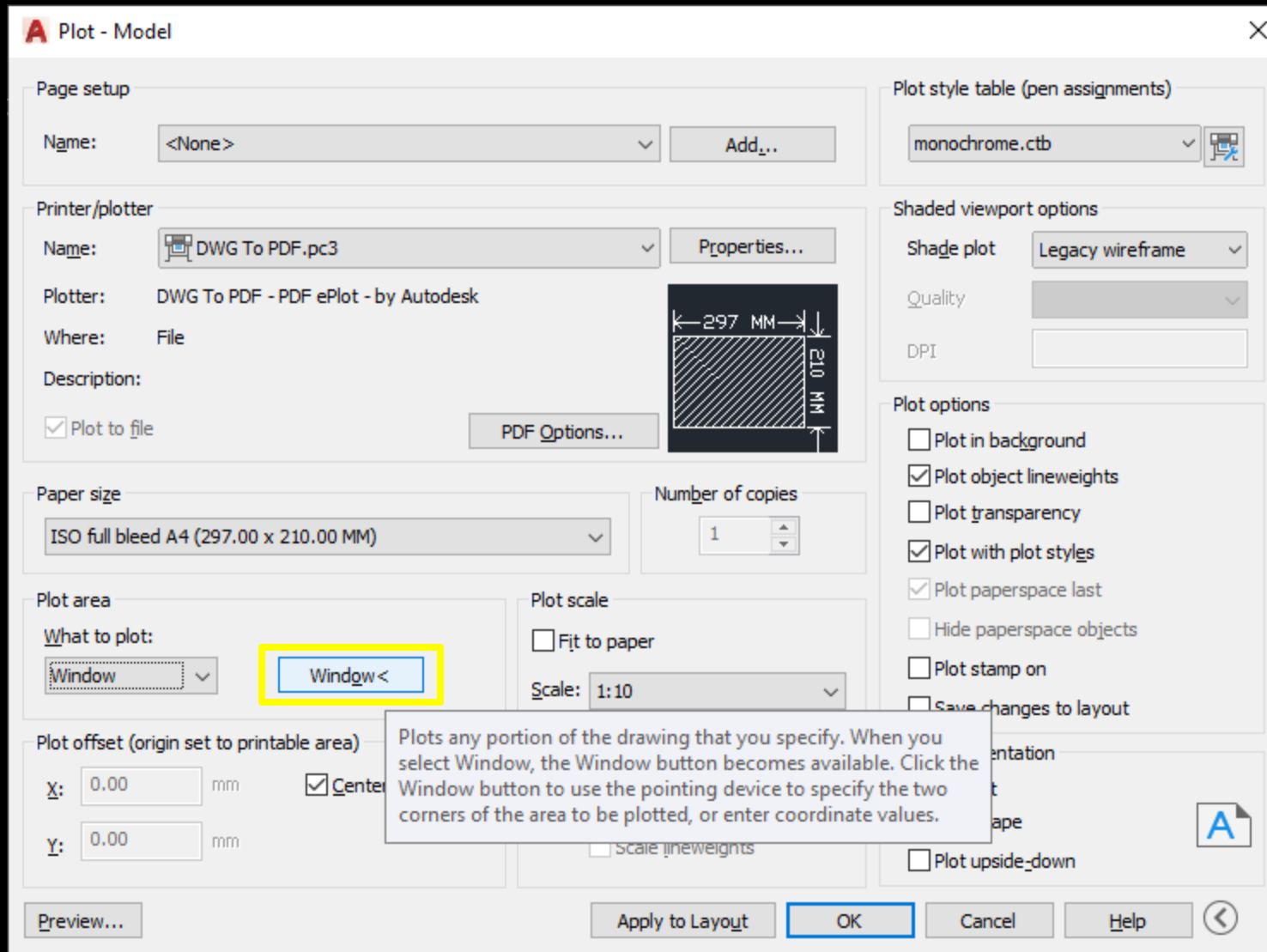


Избор формата за штампу

Понуђени су стандардни формати. Full bleed у називу формата значи да се штампа до ивица листа, без маргина. Могуће је креирати и формате према сопственим потребама.







Autodesk AutoCAD 2021 - STUDENT VERSION PRA objekti 16-17 temp.dwg

Home Insert Annotate Parametric View Manage Output Add-ins Collaborate Express Tools Featured Apps

Line Polyline Circle Arc Stretch Scale Array Text Dimension Leader Layer Properties Layers Match Layer

Start PRA objekti 16-17 temp.dwg

PROPERTIES

[-]Top [W]ViewFrame

General
Color: ByLayer
Layer: 0
Linetype: ByLayer
Linetype scale: 1
Unfreeze: ByLayer
Transparency: ByLayer
Thickness: 0

3D Visualization
Material: ByLayer

Plot style
Plot style: ByColor
Plot style table: monochrome.ctb
Plot table attach: No
Plot table type: Color dependent

View
Center X: 33078.3369
Center Y: 3840.7534
Center Z: 0
Height: 2839.1223
Width: 3142.7133

Misc
Annotation scale: 1:1
UCS icon On: Yes
UCS icon at origin: Yes
UCS per viewport: Yes
UCS Name
Visual Style: 2D Wireframe

OSNOVA PRIZEMLJA 1:100

OSNOVA SPRATA 1:100

Format A4 297x210mm

2970

Specify window for printing
Specify first corner: Specify opposite corner: "Cancel"
Specify window for printing

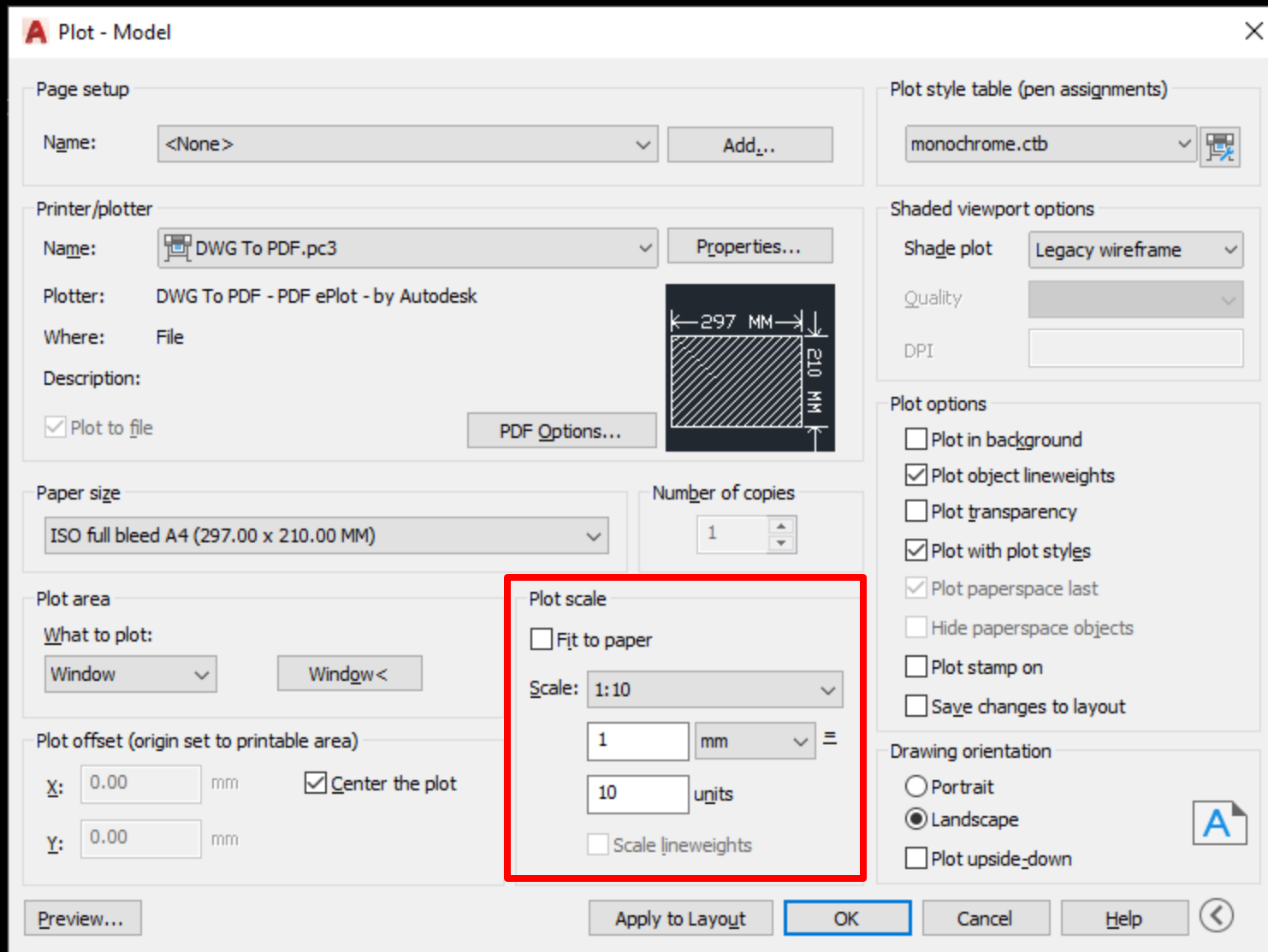
PL0T Specify first corner: Specify opposite corner:

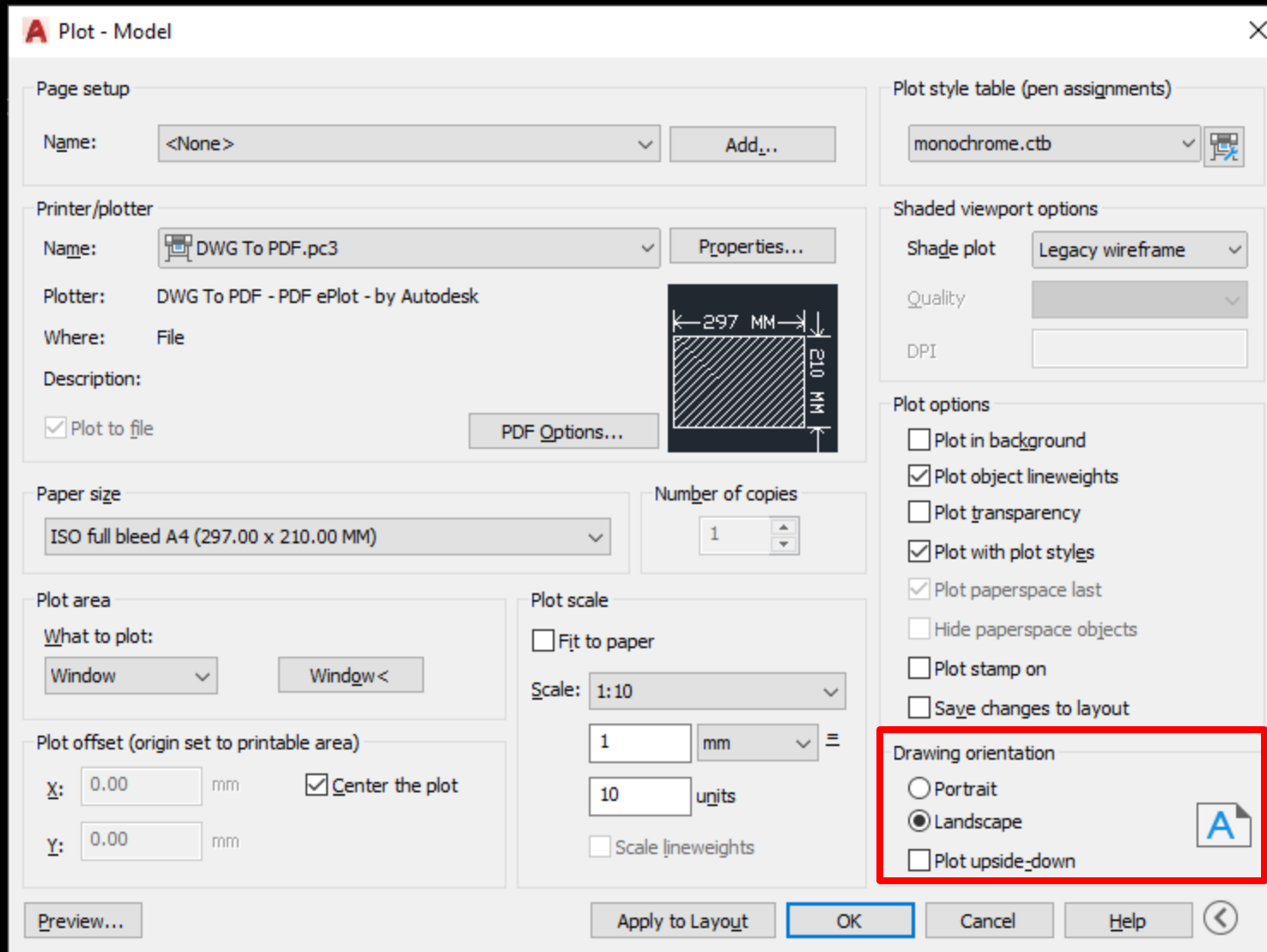
Model Layout1 Layout2

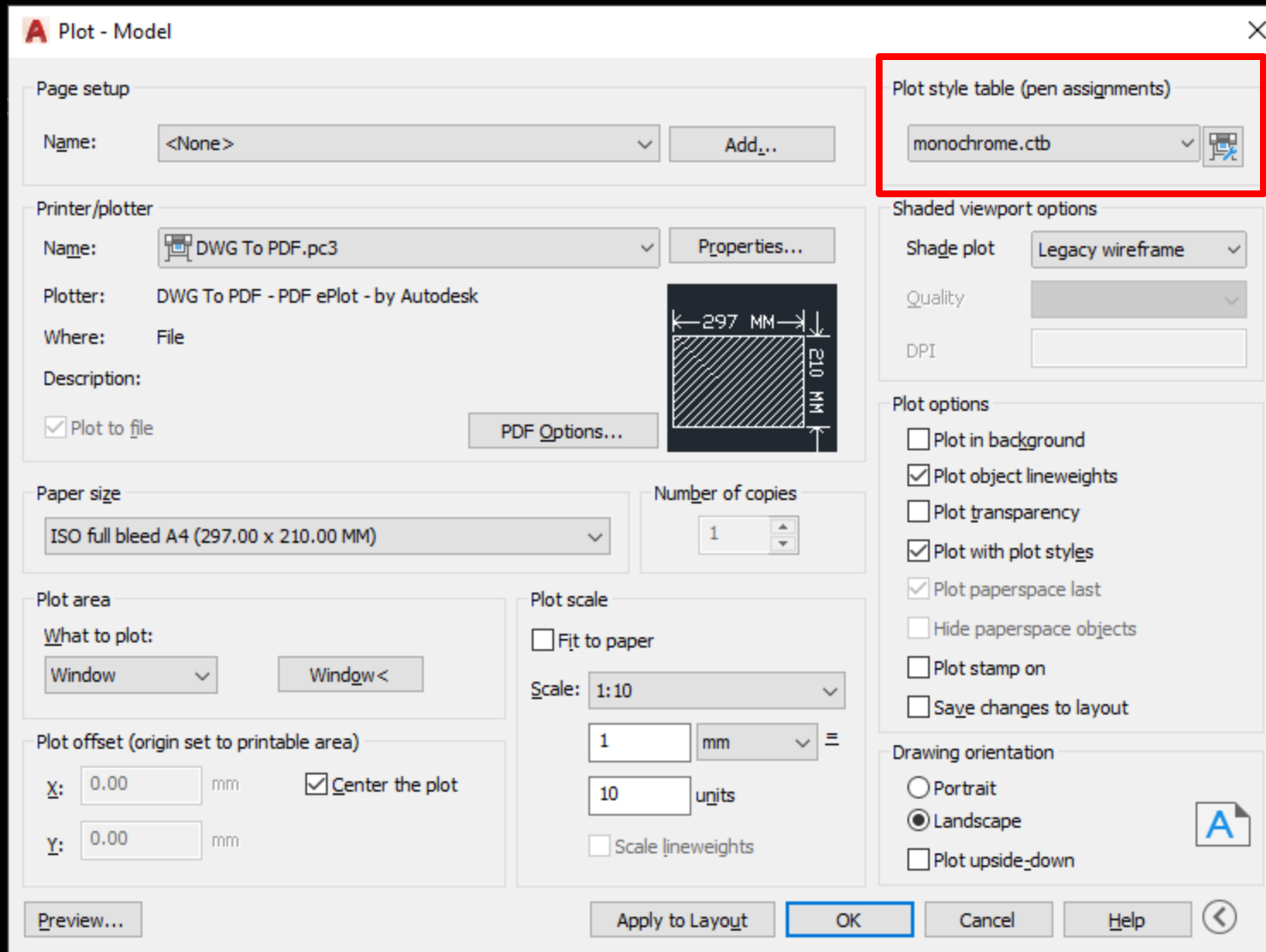
MODEL

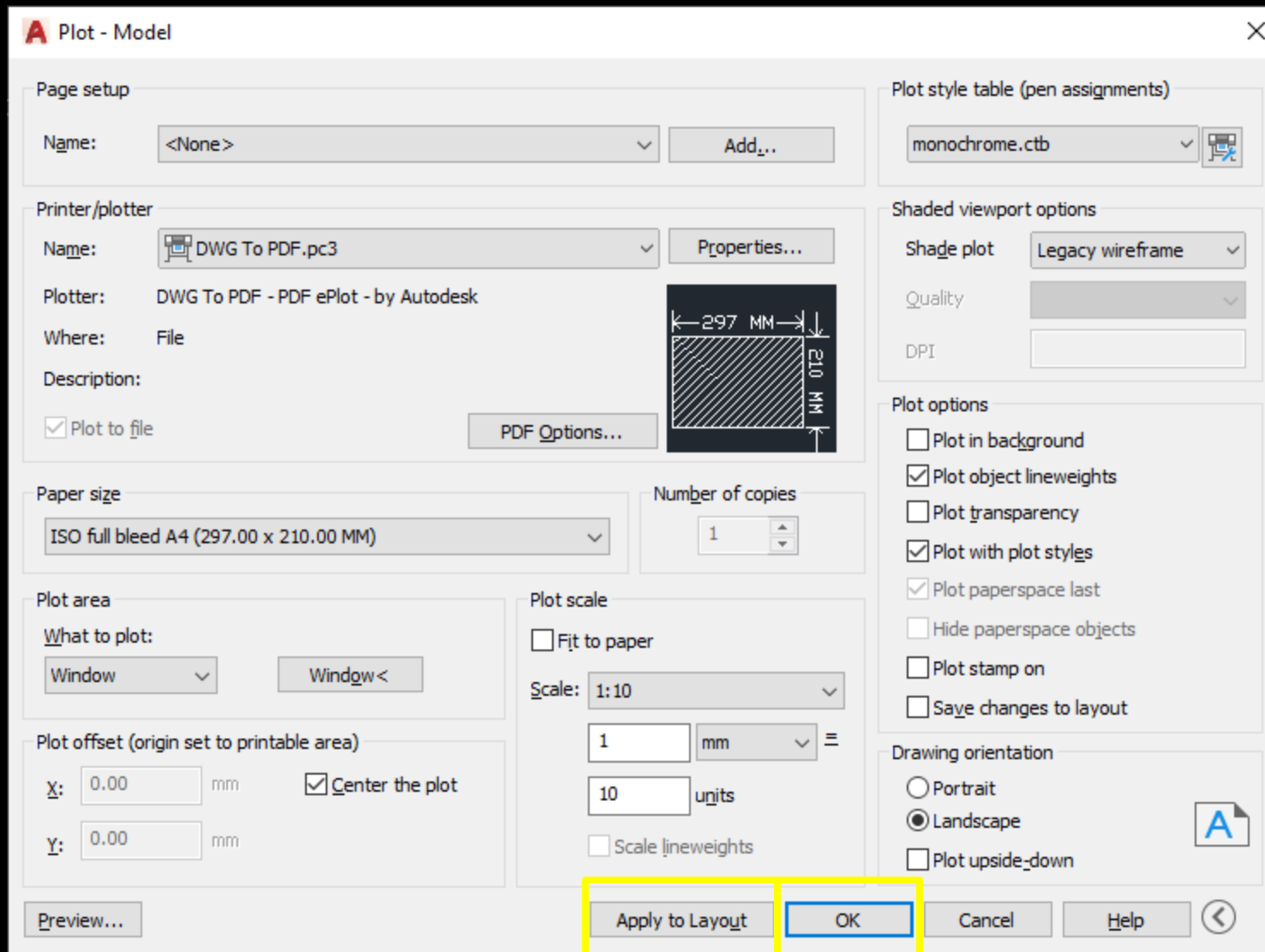
4:35 PM

Уколико су подразумеване јединице цртежа центиметри, размери 1:100 одговара подешавање 1mm – 10 јединица у цртежу.









Избор места снимања ПДФ документа виртуелно одштампаног цртежа

The screenshot displays the Autodesk AutoCAD 2021 interface in 'STUDENT VERSION'. The main window shows a 2D wireframe drawing of a rectangular object with dimensions. A 'Browse for Plot File' dialog box is open, showing the 'Documents' folder with a list of folders and files. The 'File name' field is set to 'PRA objekti 16-17 temp.dwg' and the 'File of type' is set to 'PDF (*.pdf)'. The drawing area has green dimension lines and text indicating a format of A4 (297x210mm) and a width of 2970. The status bar at the bottom shows 'MODEL' and 'PL0T Specify first corner: Specify opposite corner:'. The Windows taskbar at the bottom shows the system tray with the time 4:44 PM.

Autodesk AutoCAD 2021 - STUDENT VERSION PRA objekti 16-17 temp.dwg

Home Insert Annotate Parametric View Manage Output Add-ins Collaborate Express Tools Featured Apps

Draw Modify Annotation Layers Block Properties Properties Groups Utilities Clipboard View

Start PRA objekti 16-17 temp.dwg

PROPERTIES

[-]Top [3D Wireframe]

General

- Color: ByLayer
- Layer: 0
- Linetype: ByLayer
- Linetype scale: 1
- Unfreeze: ByLayer
- Transparency: ByLayer
- Thickness: 0

3D Visualization

- Material: ByLayer

Plot style

- Plot style: ByColor
- Plot style table: monochrome.ctb
- Plot table attach: No
- Plot table type: Color dependent

View

- Center X: 33078.3369
- Center Y: 3840.7534
- Center Z: 0
- Height: 2839.1223
- Width: 3142.7123

Misc

- Annotation scale: 1:1
- UCS icon On: Yes
- UCS icon at origin: Yes
- UCS per viewport: Yes
- UCS Name: 2D Wireframe

Format: A4 297x210mm

2970

Specify window for printing

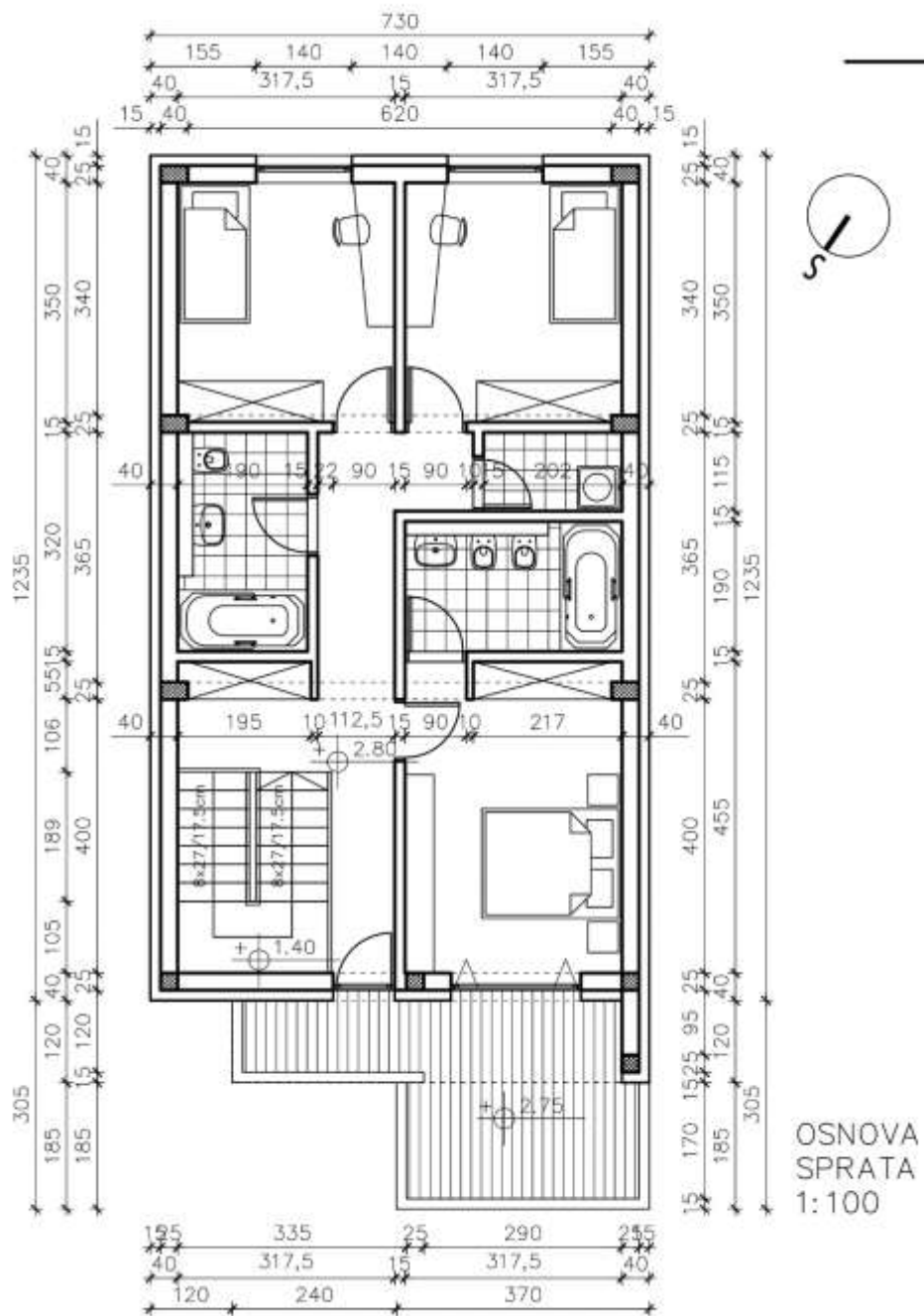
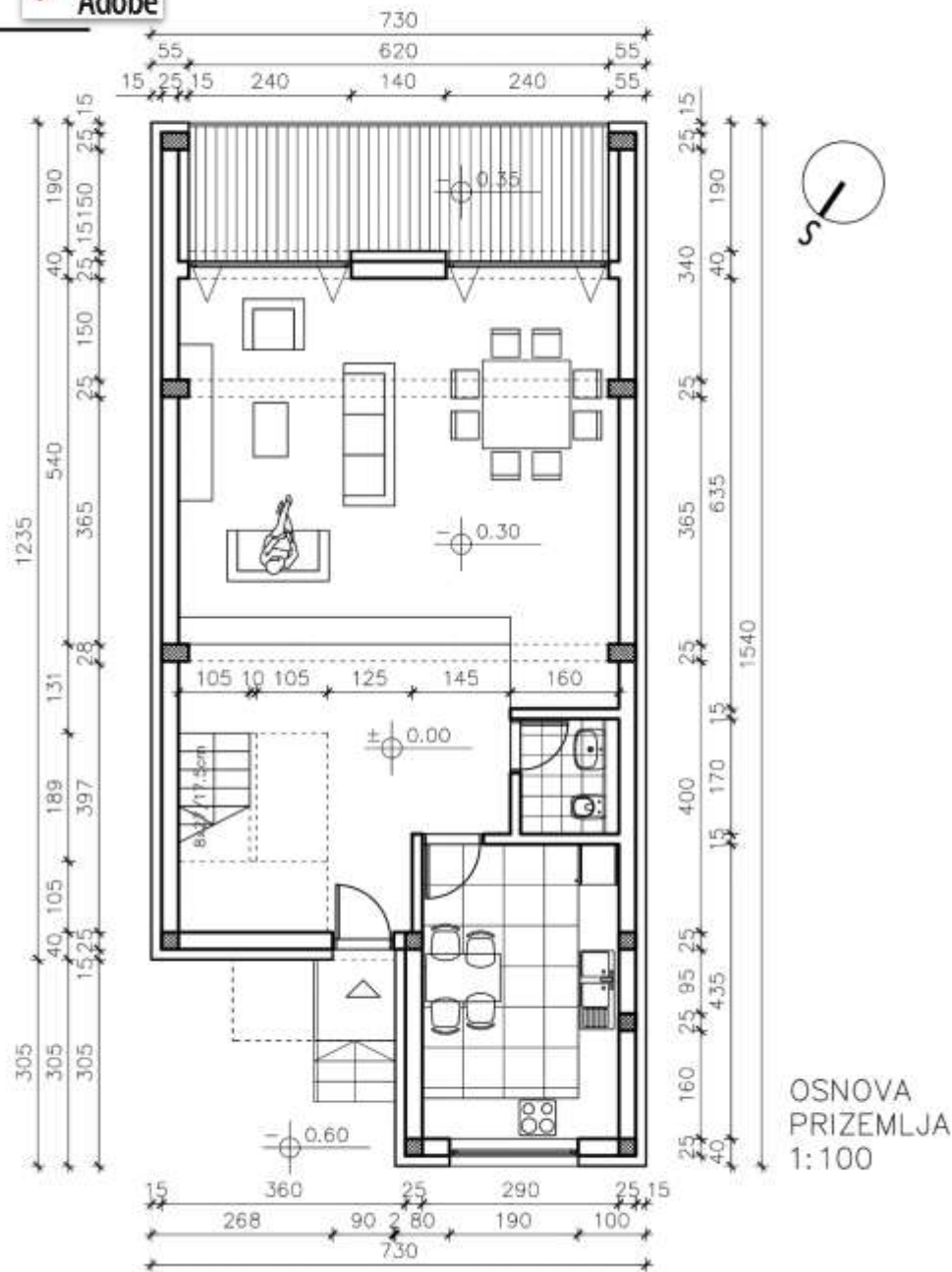
Specify first corner: Specify opposite corner: [Cancel]

Specify window for printing

PL0T Specify first corner: Specify opposite corner:

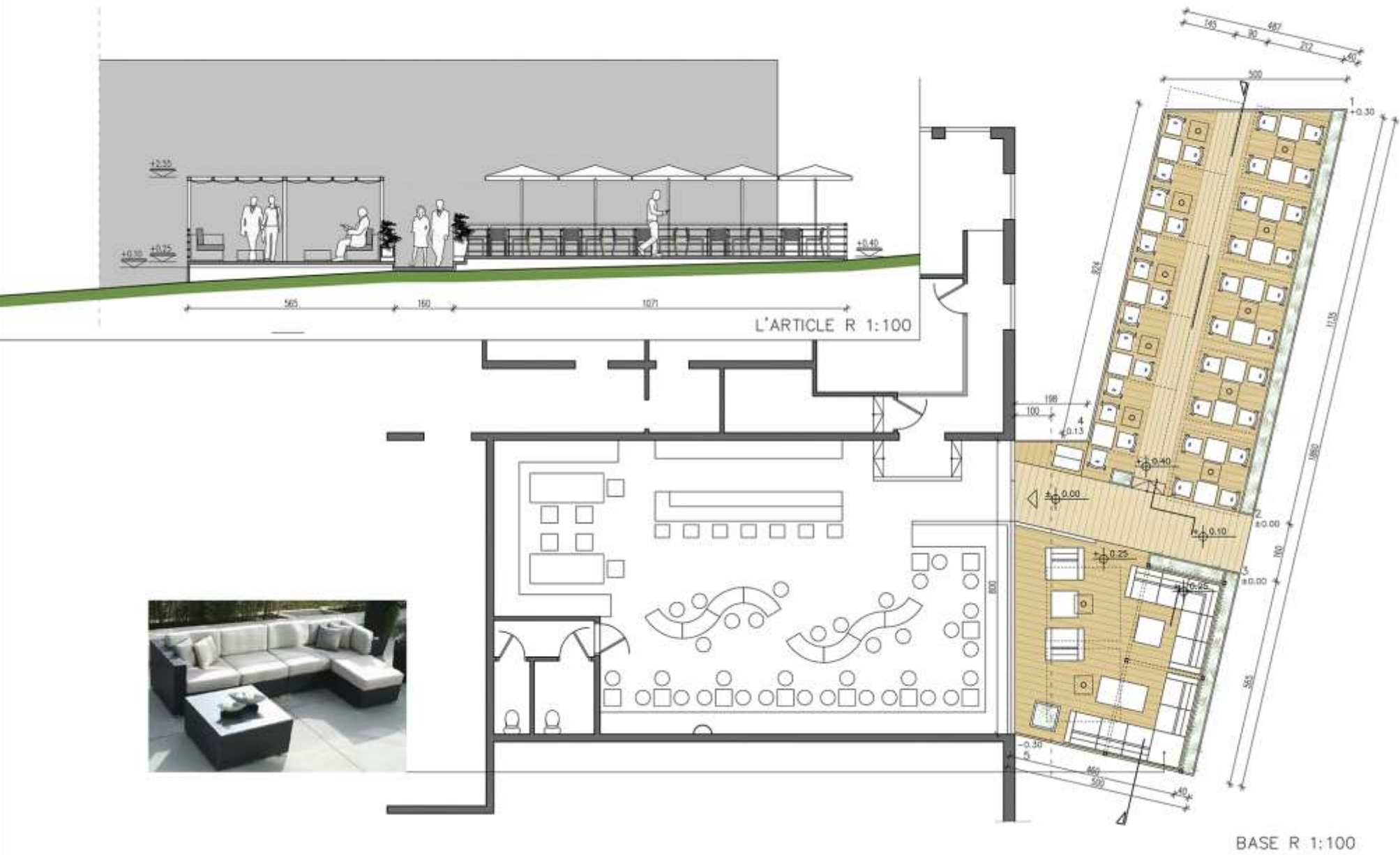
MODEL

4:44 PM

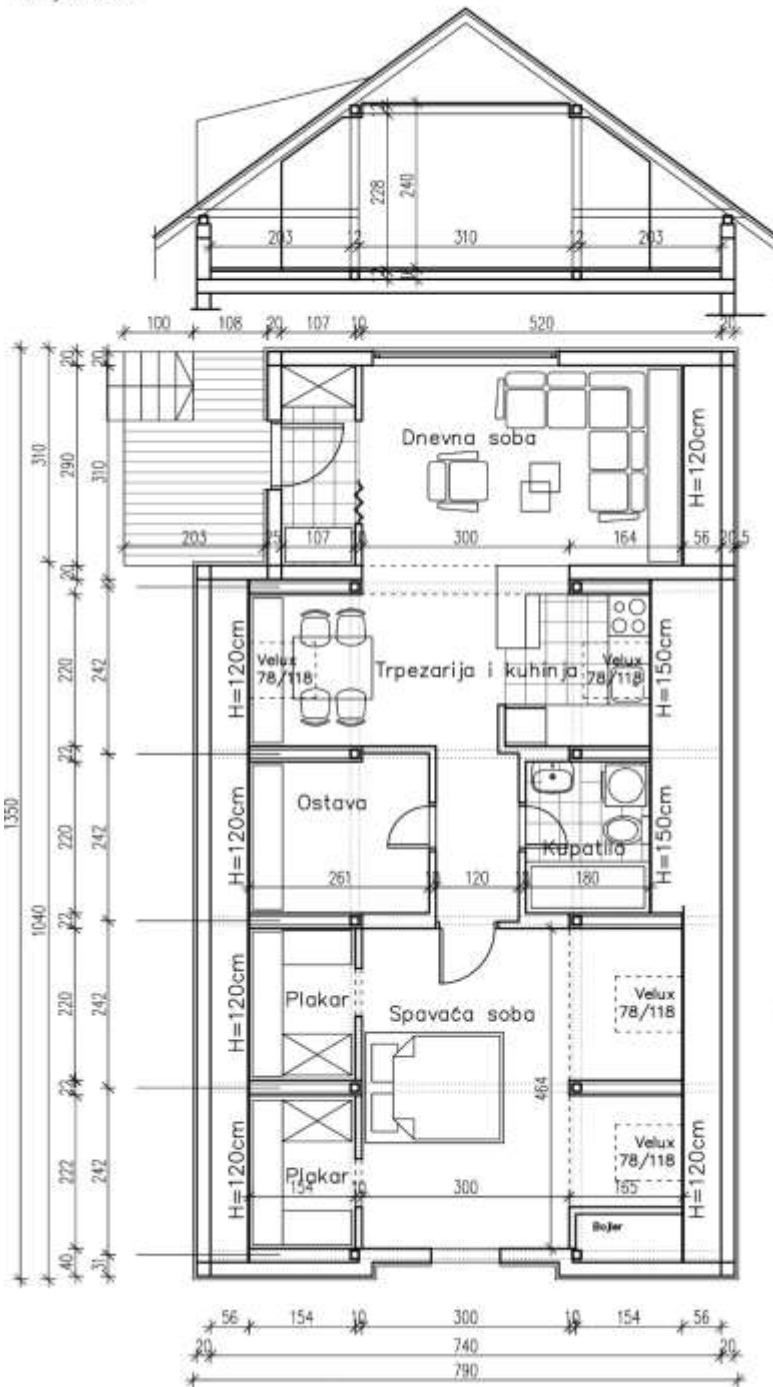


ИДР реконструкције фасаде Народног музеја у Лесковцу, В. Николић

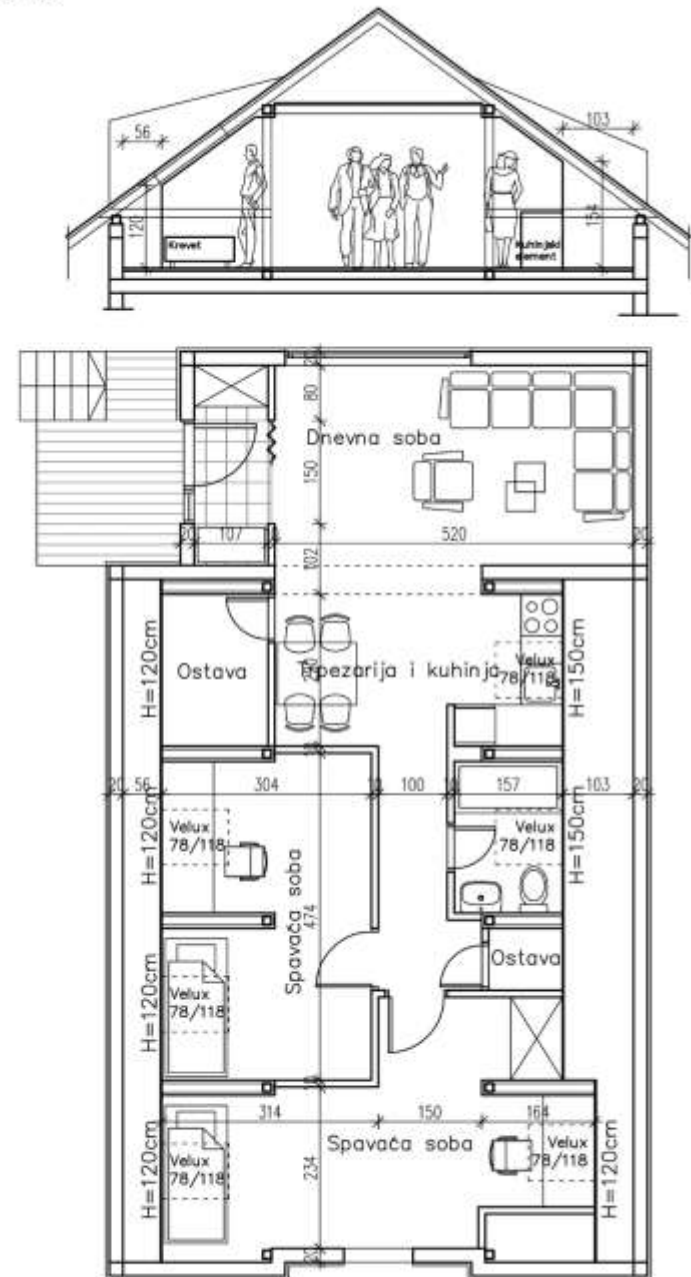


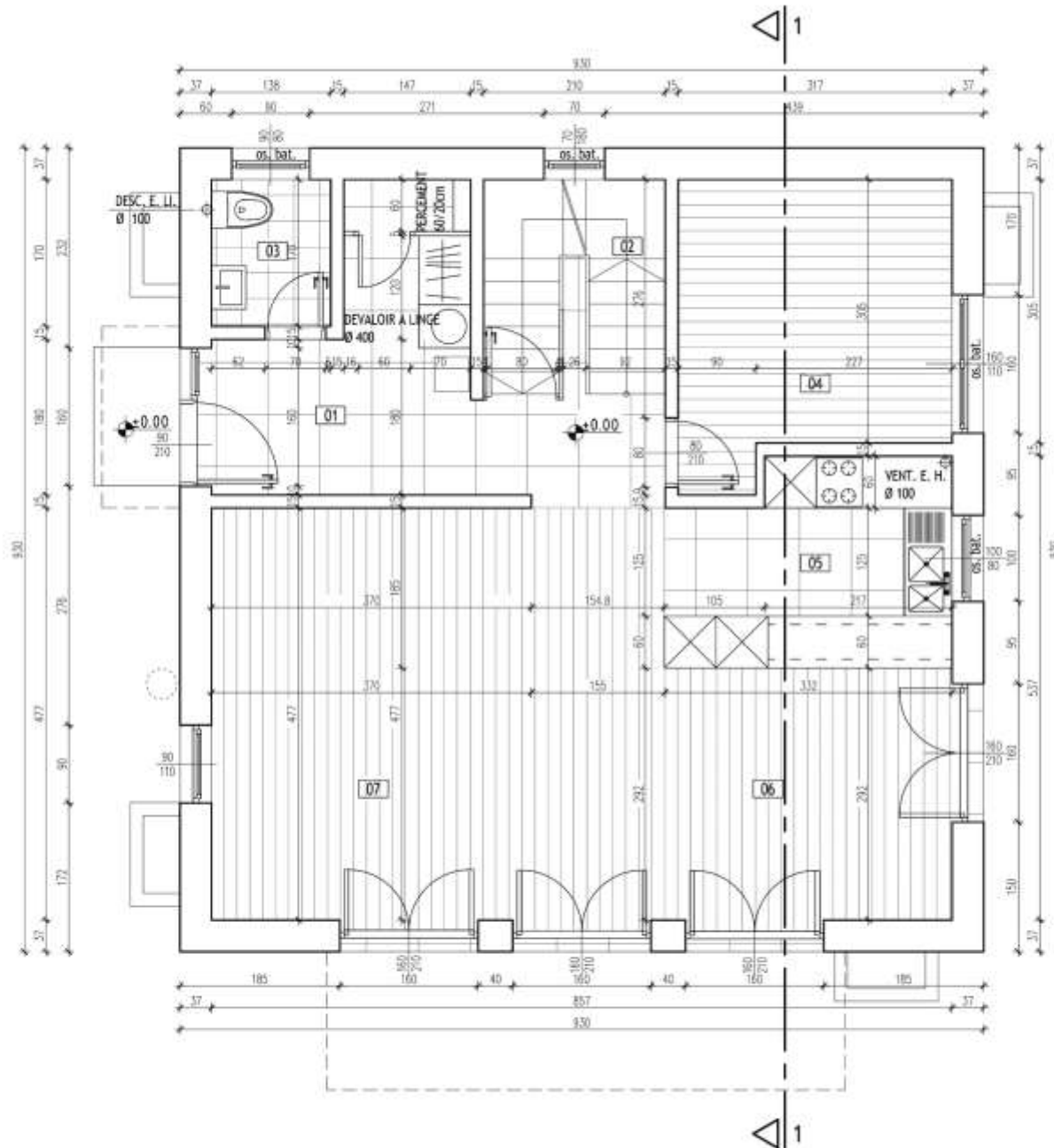


OSNOVA POTKROVLJA I PRESEK 1:100
Varijanta 01



OSNOVA POTKROVLJA I PRESEK 1:100
Varijanta 02



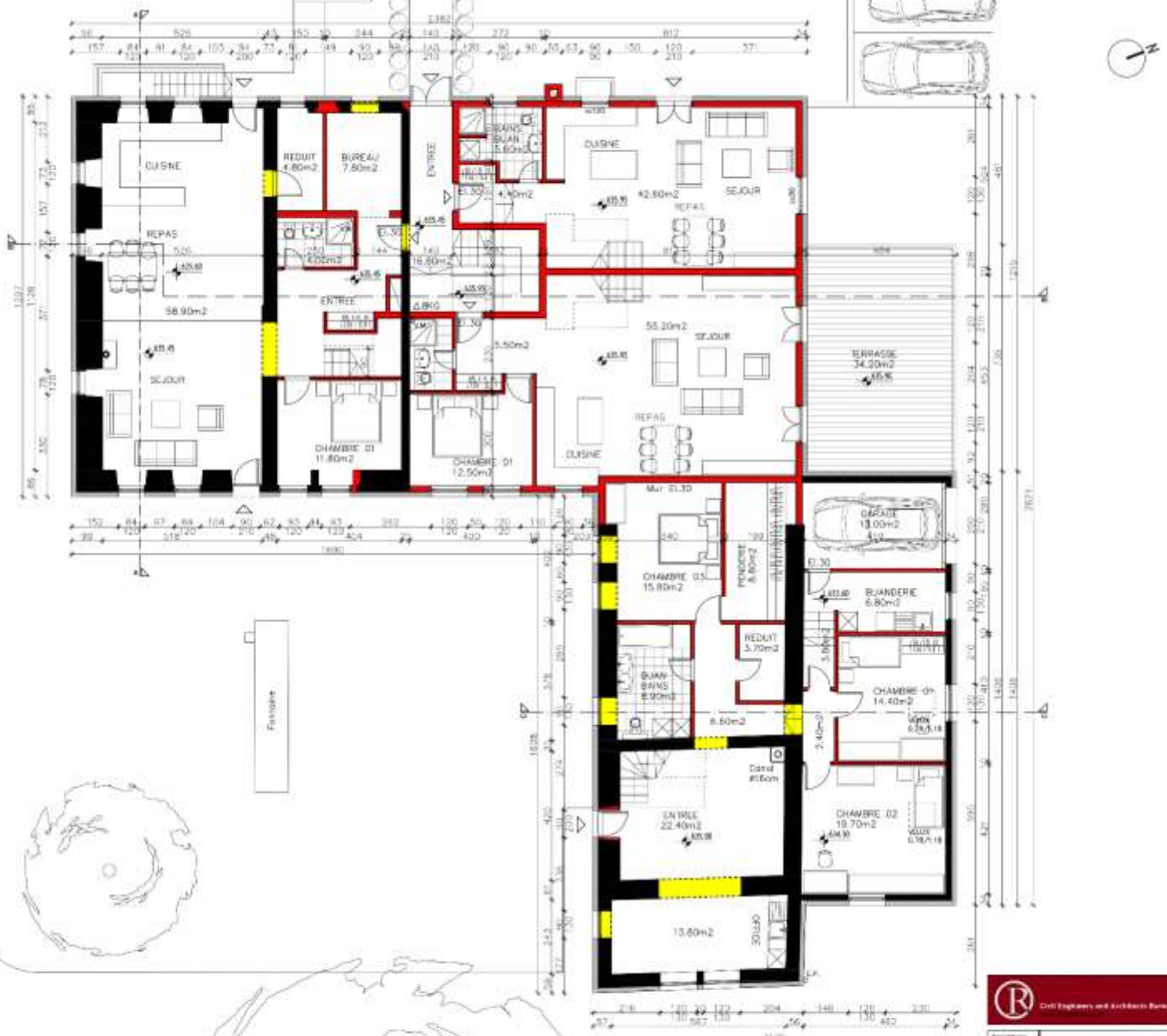


| LÉGENDE | | |
|---------|----------|---------------------|
| 01 | ENTREE | 8.11m ² |
| 02 | ESCALIER | 7.12m ² |
| 03 | W.C. | 2.35m ² |
| 04 | BUREAU | 10.11m ² |
| 05 | CUISINE | 7.52m ² |
| 06 | REPAS | 9.71m ² |
| 07 | SEJOUR | 25.02m ² |

| | |
|----------|--|
| A | BUREAU P. TOPINKA ET J.F. HOFMANN ARCHITECTES |
| | CH. DU VAREL 4., 1008 LAUSANNE |

PROPRIETE DE M. ET MME. SPASQUEVIC A CHESEAX LAUSANNE
PROJET DE CONSTRUCTION D'UNE VILLA AVEC UN GARAGE

| REZ DE CHAUSSEE | |
|--------------------|---------|
| LES PROPRIETAIRES: | |
| L' ARCHITECTE: | |
| SEPT. 2012. | 1/30 |
| | PLAN 03 |



- EXISTANT
- NEUF
- A DEMOLIR



| | | | |
|------------|--|--------------------|---|
| Projet | Mairie André | | |
| Site | TRANSFORMATION D'UNE MAISON ROUTE DE THARRENS 25 OGNES | | |
| Page | REZ-DE-CHAUSSEE | | |
| Client | M. MUE | | |
| Architecte | G. et J.F. Fournier | | |
| | V. Nikolic | <i>(Signature)</i> | |
| | F. Topirko | | |
| Date | 06/01/2012 | Page | 3 |
| | 1:100 | Projet | 3 |



- EXISTANT
- NEUF
- A DEMOLIR

LE PROPRIÉTAIRE:

L'ARCHITECTE:

| | | | |
|---------------------------|--|---------|-------------------|
| Propriétaire investisseur | Martin André | | |
| Objet et adresse | TRANSFORMATION IMMEUBLE ROUTE DE THERRENS 23 OGENS | | |
| Projet | COUPE C-C | | |
| Directeur | R. Mitic | | |
| Architectes | Q. et J.F. Hofmann | | |
| | V. Nikolic | | <i>V. Nikolic</i> |
| | P. Topinka | | |
| Date | Sept. 2012. | Echelle | Projet numéro |
| | | 1:100 | Nombre de dessins |
| | | | 10 |



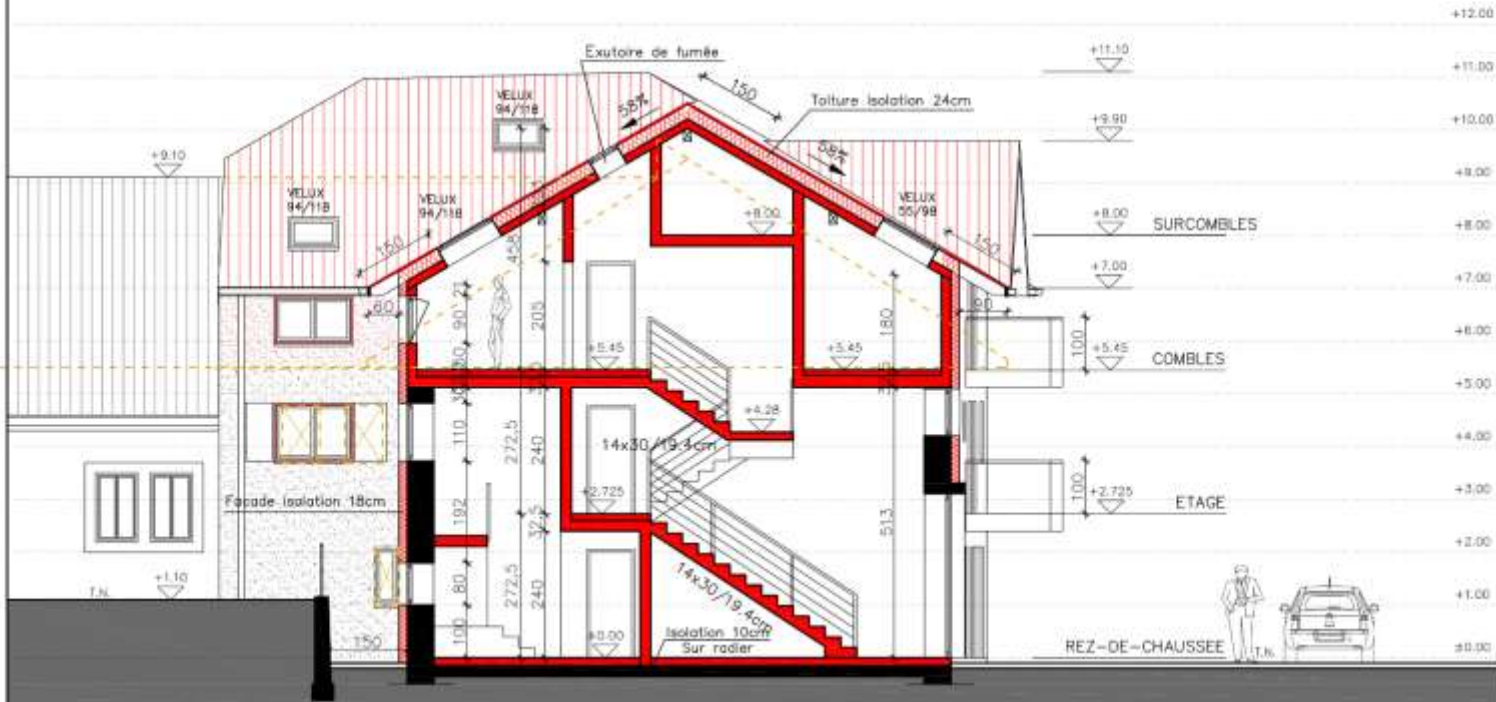
- EXISTANT
- NEUF
- A DEMOLIR

LE PROPRIETAIRE: _____

L'ARCHITECTE: _____



| | | | |
|---------------------------|---|---------------|------------------|
| Propriétaire investisseur | Propriétaire de M. Bernard Cloux | | |
| Objet et adresse | TRANSFORMATIONS IMMEUBLE A LA COUDRE | | |
| Projet | ETAGE | | |
| Directeur | | | |
| Architectes | O. et J.F. Hofmann | | |
| Date | Echelle | Projet numéro | Nombre de dessin |
| 03. 2013. | 1/100 | | 3 |



- EXISTANT
- NEUF
- EXISTANT
- NEUF
- A DEMOLIR
- GABARIT EXIST.
- FENETRES EXIST.

LE PROPRIETAIRE: _____

L'ARCHITECTE: _____

| | | | |
|---------------------------|---|---------------|------------------|
| Propriétaire Investisseur | Propriétaire de M. Bernard Cloux | | |
| Objet et adresse | TRANSFORMATIONS IMMEUBLE A LA COUDRE | | |
| Projet | COUPE A-A | | |
| Directeur | | | |
| Architectes | O. et J.F. Hofmann | | |
| Date | Echelle | Projet numéro | Numéro de dessin |
| 03. 2013. | 1:100 | | 6 |