

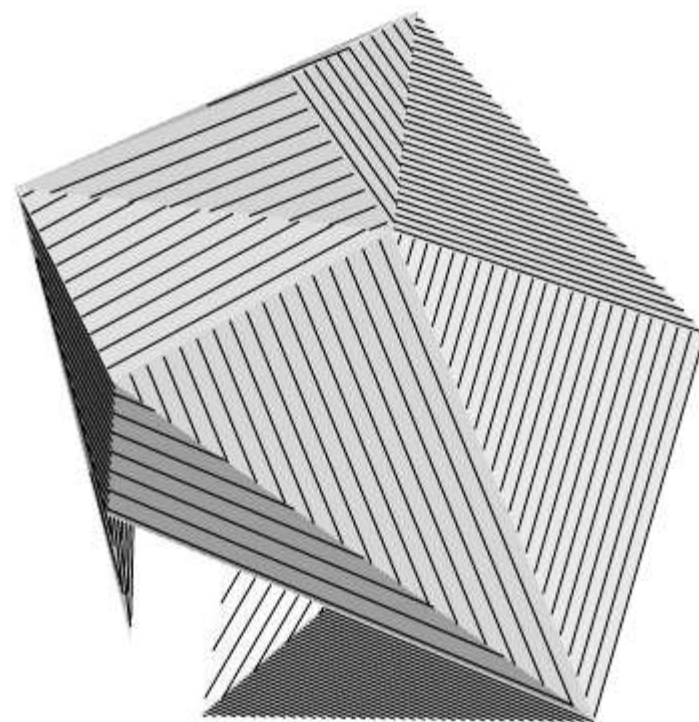
грађевинско-архитектонски факултет у нишу
примена рачунара у архитектури

04.

предавање

AutoCAD

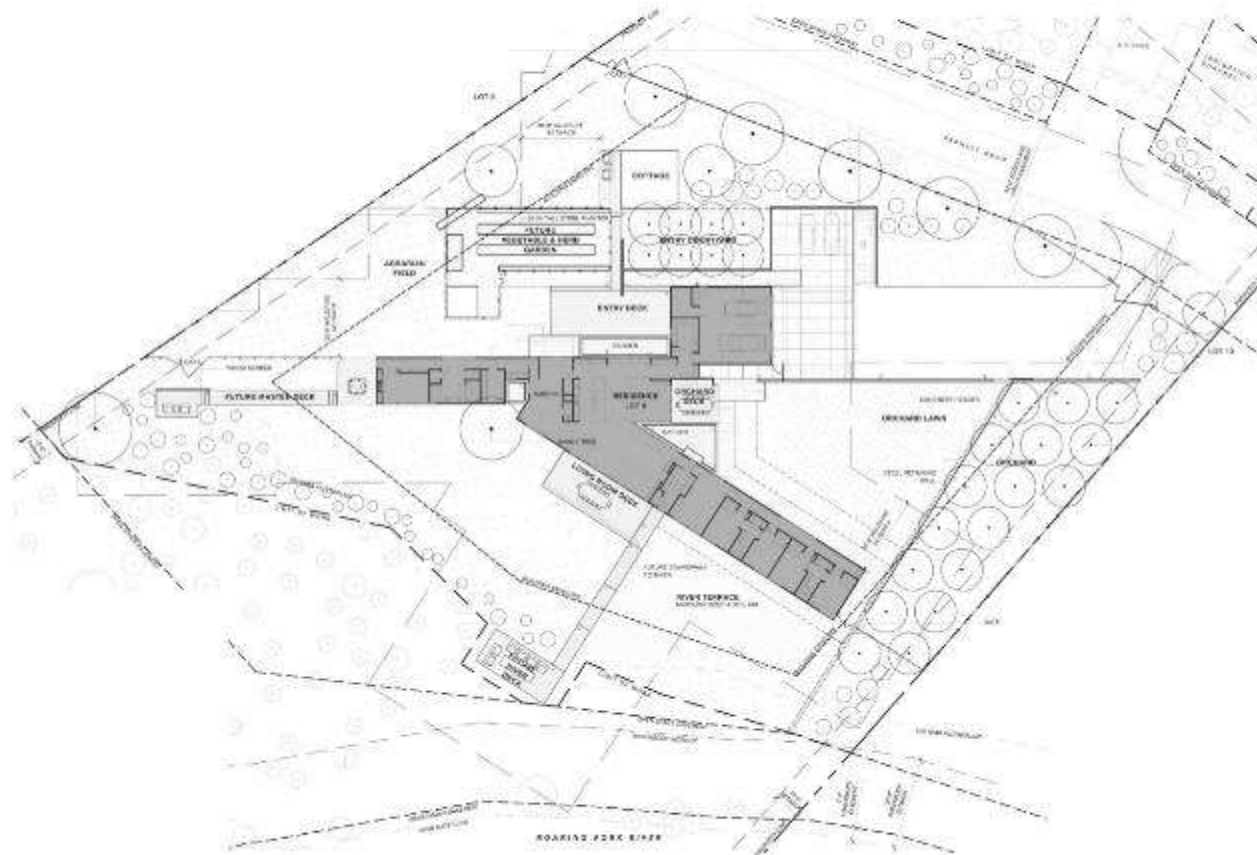
Израда техничких цртежа



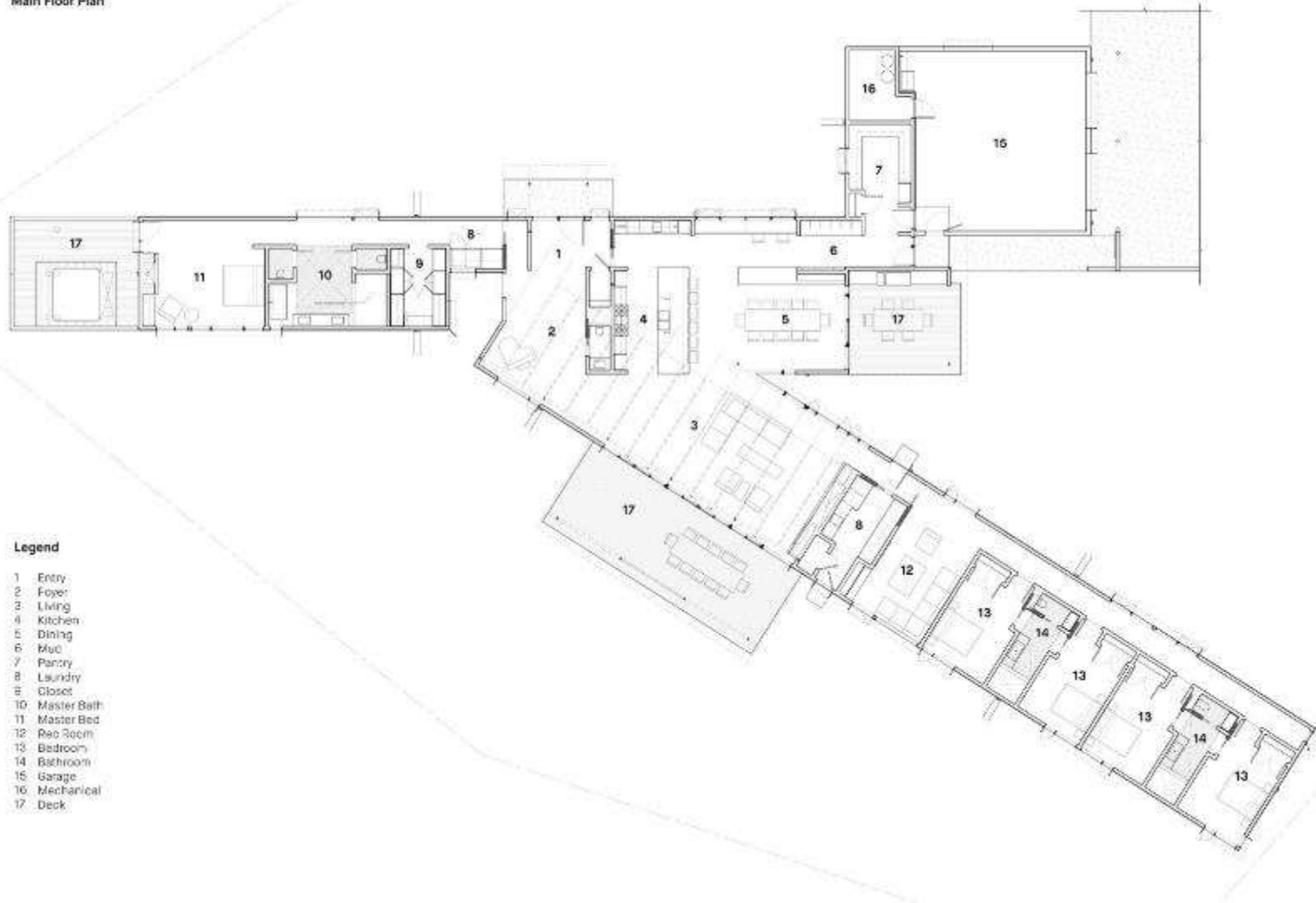
AutoCAD 2021



Oblique House
Site Plan

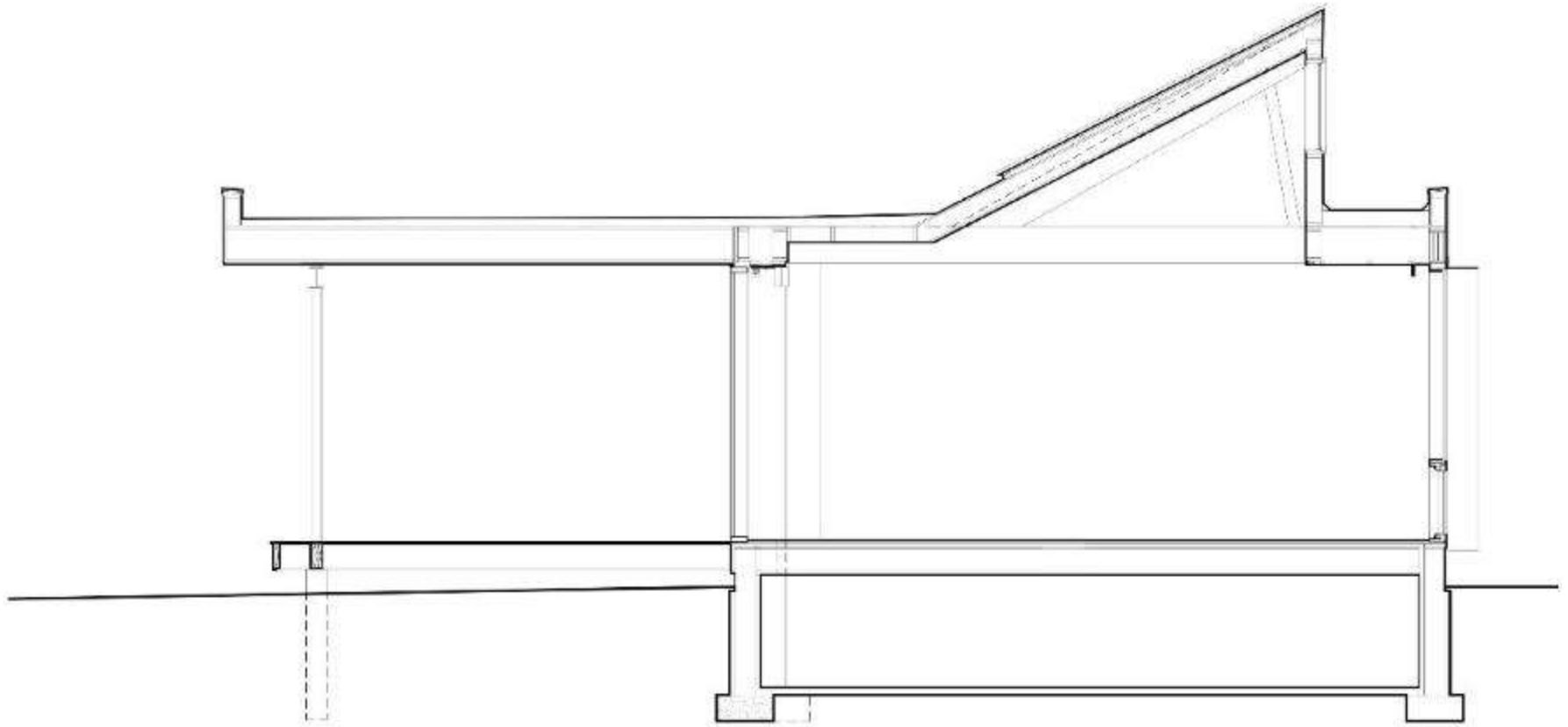


Oblique House
Main Floor Plan



Legend

- 1 Entry
- 2 Foyer
- 3 Living
- 4 Kitchen
- 5 Dining
- 6 Mud
- 7 Pantry
- 8 Laundry
- 9 Closet
- 10 Master Bath
- 11 Master Bed
- 12 Rec Room
- 13 Bedroom
- 14 Bathroom
- 15 Garage
- 16 Mechanical
- 17 Deck



Living Room



NORTH ELEVATION



SOUTH ELEVATION

AutoCAD

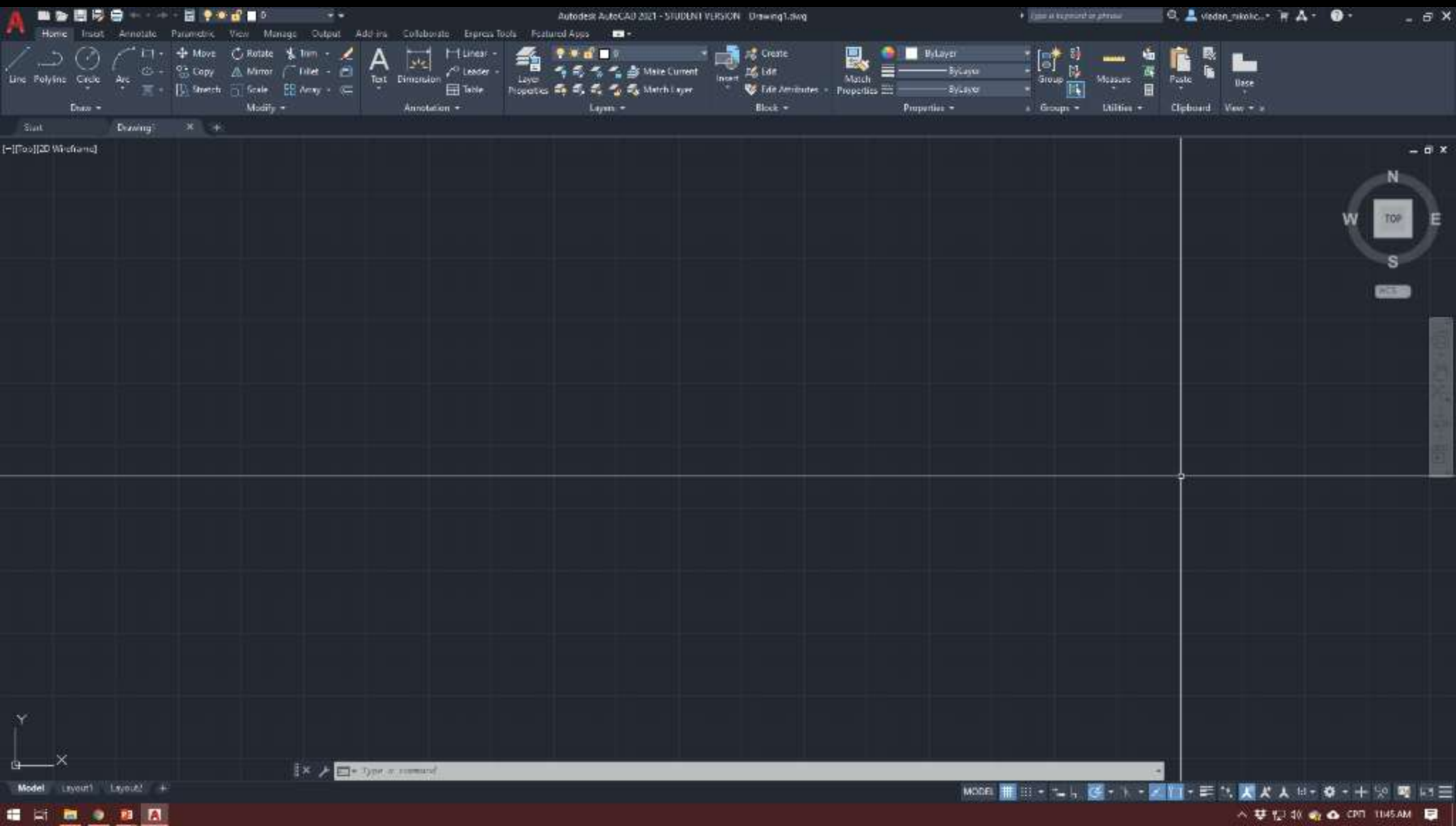
Подешавање радног окружења



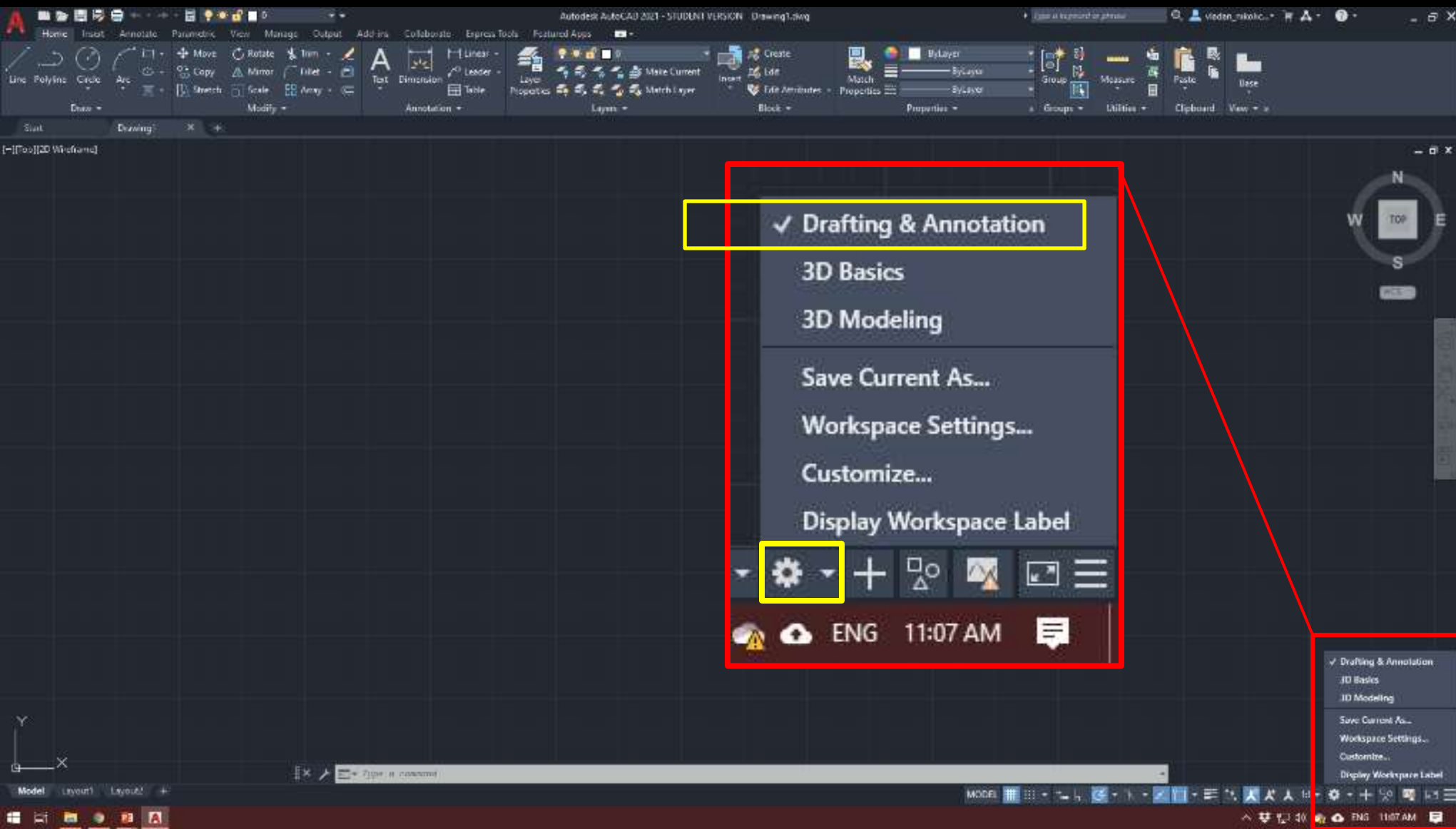
The image shows the Autodesk AutoCAD 2021 interface. The title bar reads "Autodesk AutoCAD 2021 - STUDINI VUKSICIN". The ribbon contains tabs for Home, Insert, Annotate, Parametric, View, Manage, Output, Add-ins, Collaborate, Express Tools, and Featured Apps. The ribbon panels include Draw, Modify, Annotation, Layers, Block, Properties, Groups, Utilities, Clipboard, and View. The main workspace is dark gray and contains several panels:

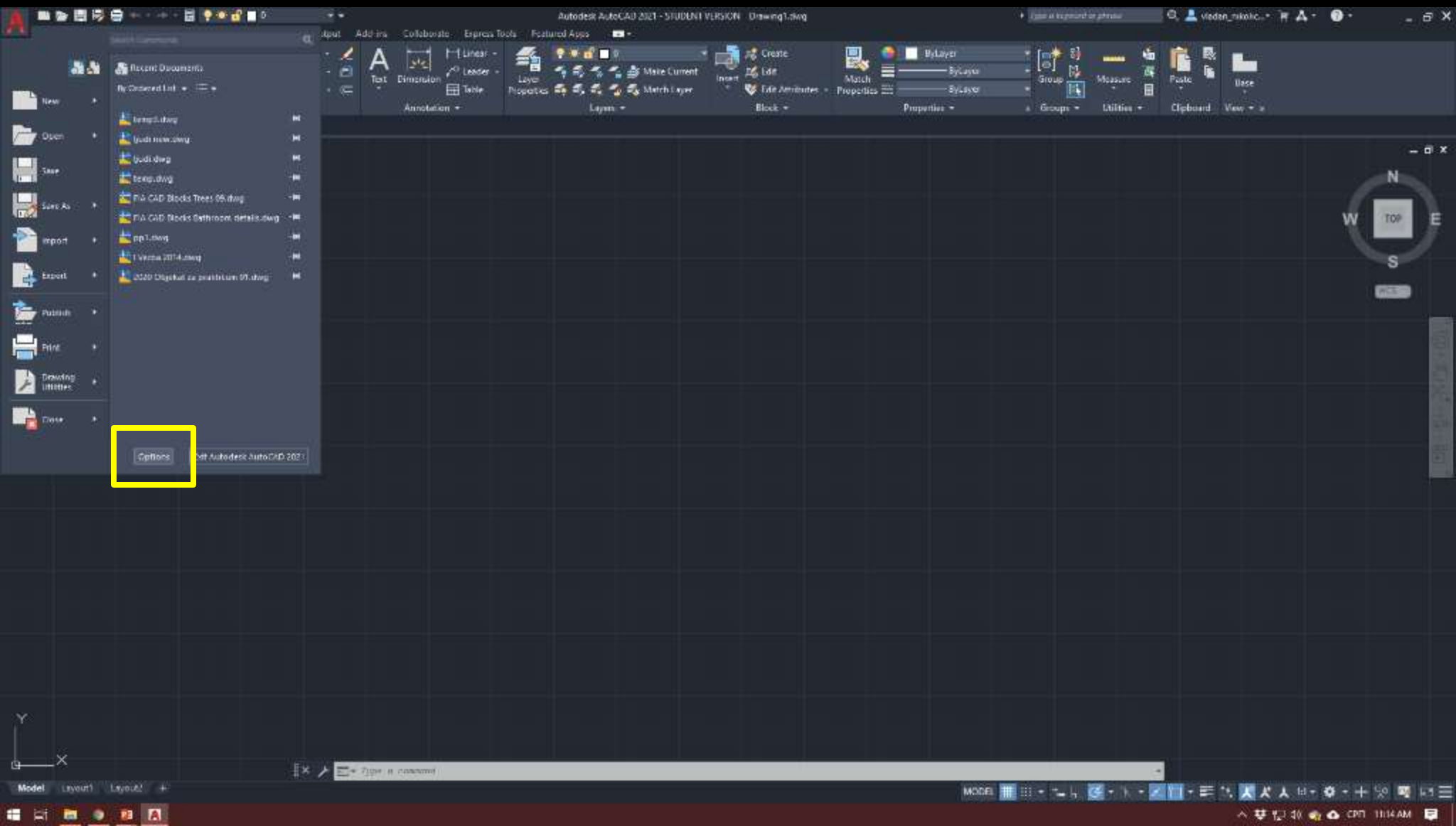
- Get Started:** A panel with a yellow border containing a "Start Drawing" button, an "Open Files..." button, "Open a Sheet Set...", "Get More Templates Online", and "Explore Sample Drawings..." options.
- Recent Documents:** A list of recently opened files:
 - FIA CAD Blocks Trees 09 (Last Opened Monday, April 13, 2020 5:18:11 PM)
 - FIA CAD Blocks Bathroom details (Last Opened Monday, April 13, 2020 5:17:05 PM)
 - pp1 (Last Opened Monday, April 13, 2020 4:45:56 PM)
 - I Vežba 2014 (Last Opened Monday, April 13, 2020 4:27:31 PM)
 - 2020 Objekat za praktikum 01 (Last Opened Monday, April 13, 2020 11:10:25 AM)
- Notifications:** A notification from Autodesk dated March 2020 regarding missing files in a drawing package.
- Connect:** A "Welcome Vladan!" message with a "Send Feedback" button.

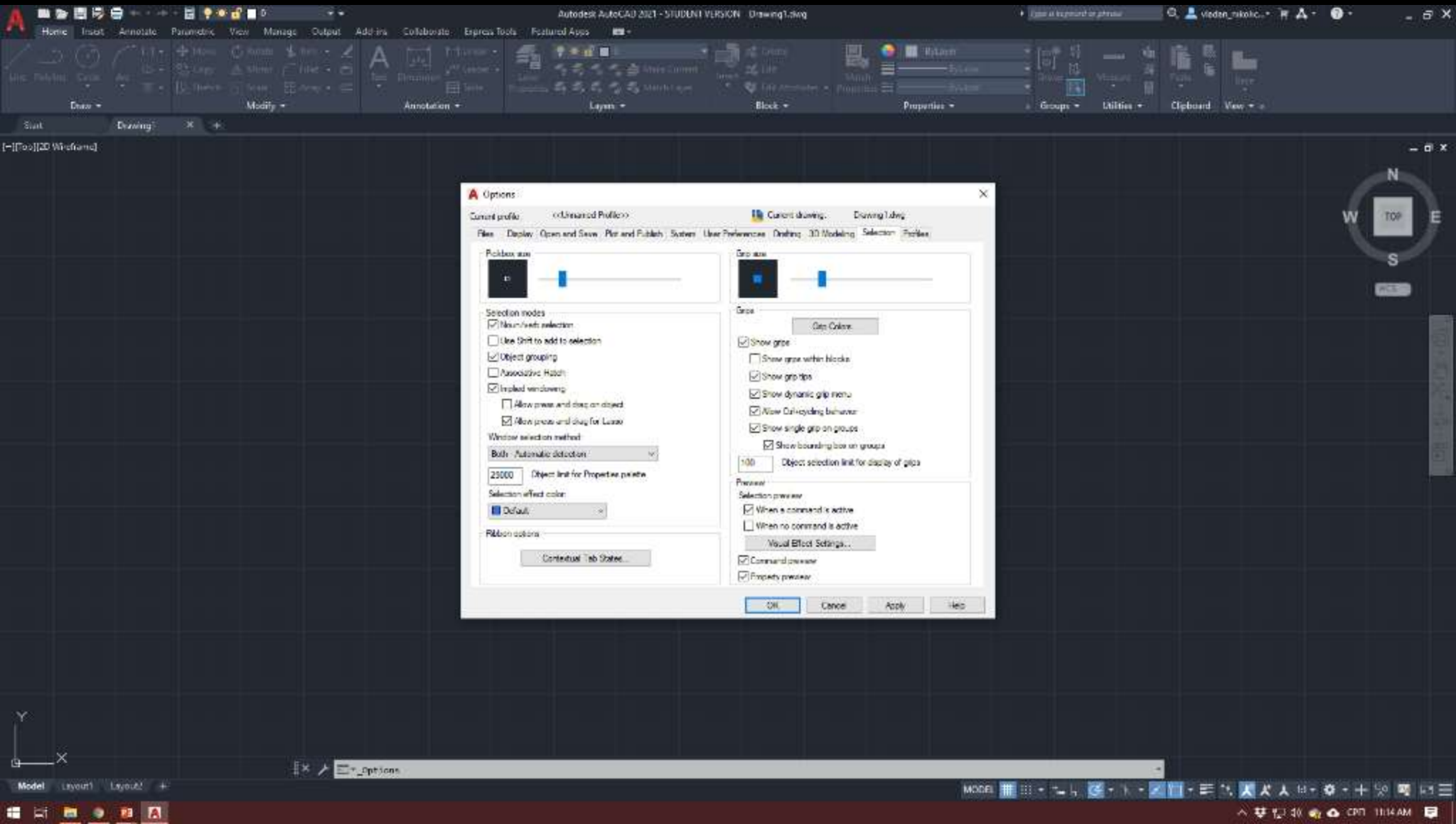
At the bottom of the interface, there are "LEARN" and "CREATE" buttons. The Windows taskbar at the very bottom shows the system tray with the date and time "SRB 11:45 AM".

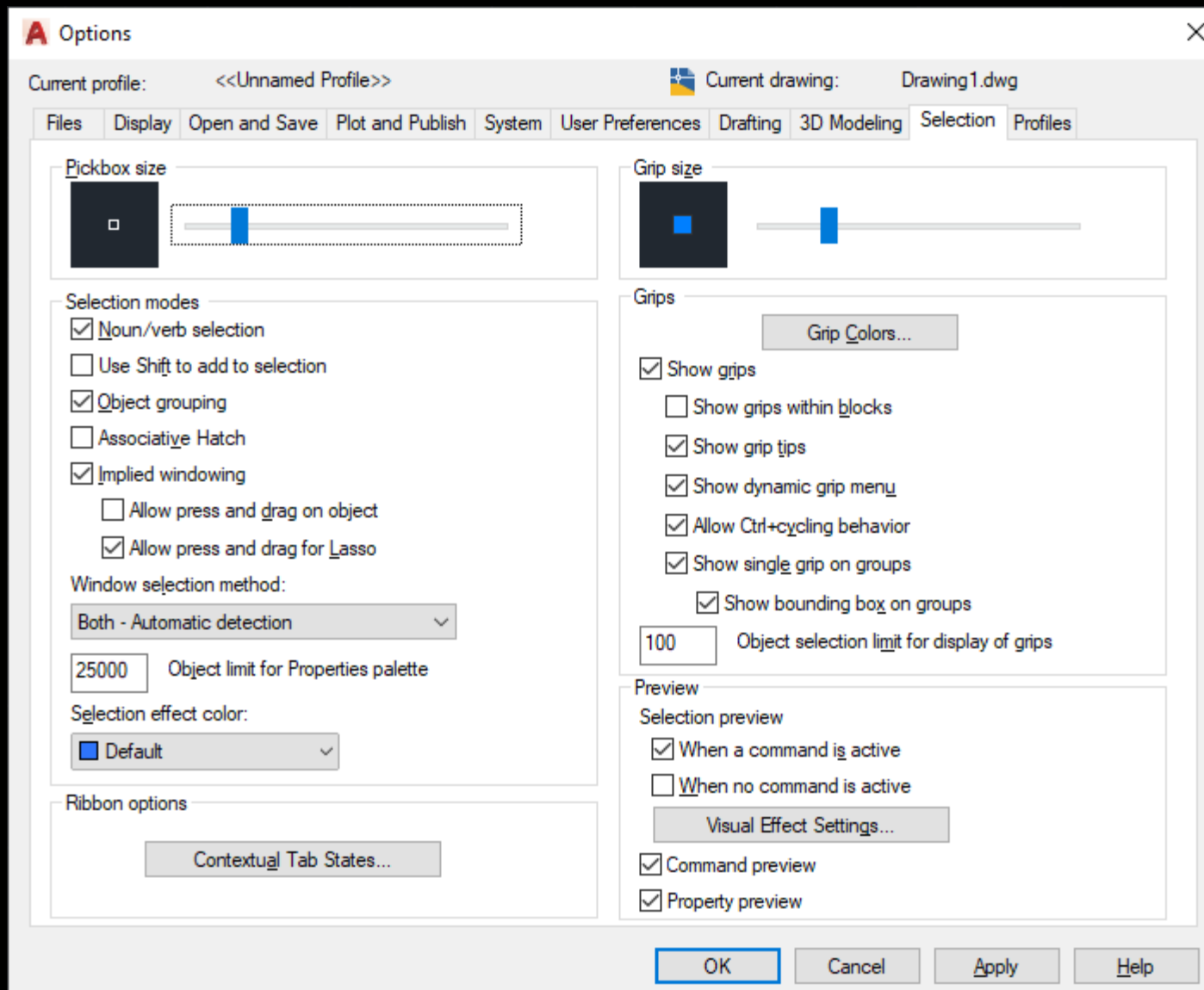


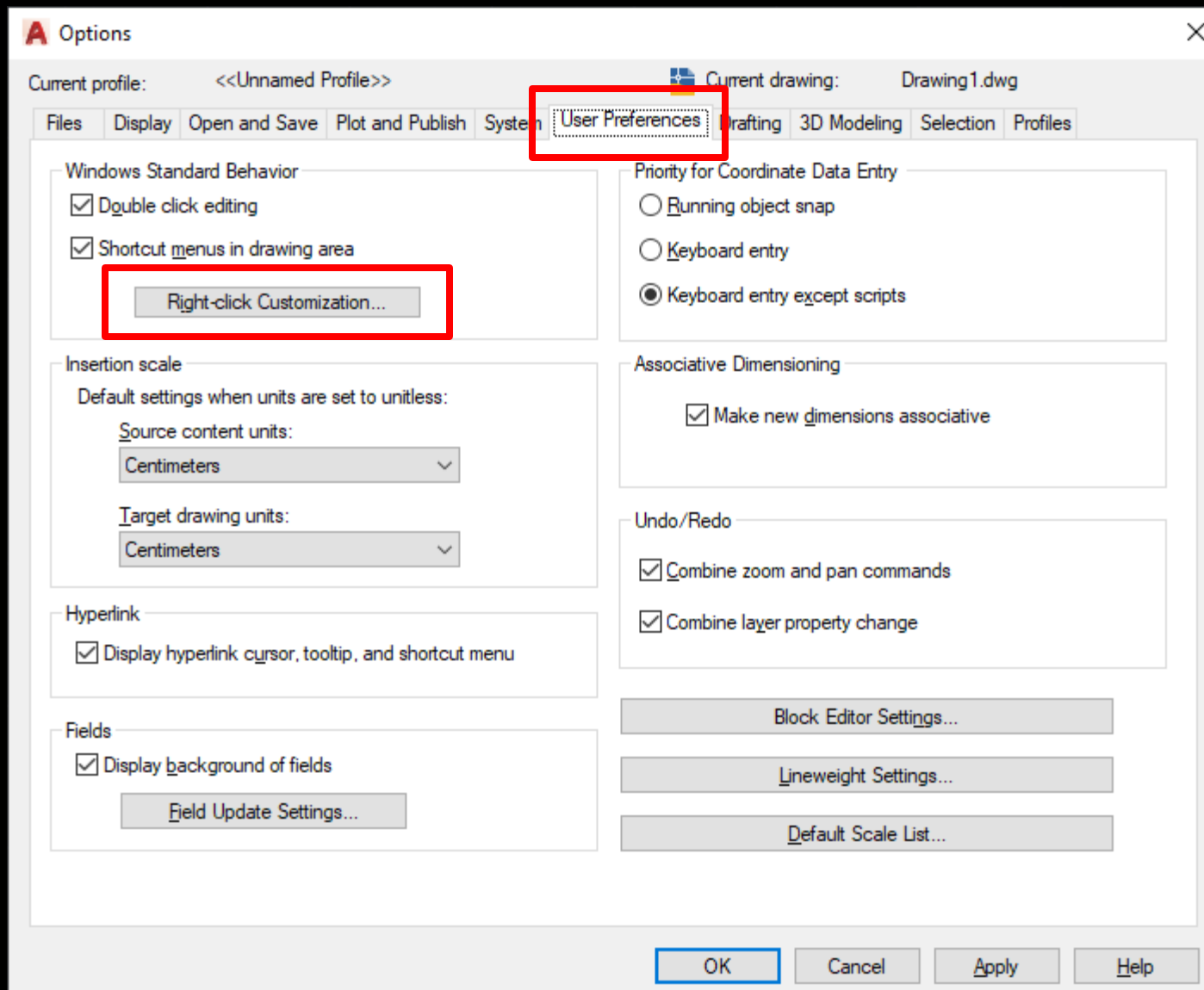
Радно окружење прилагођено за цртање дводимензионалних цртежа

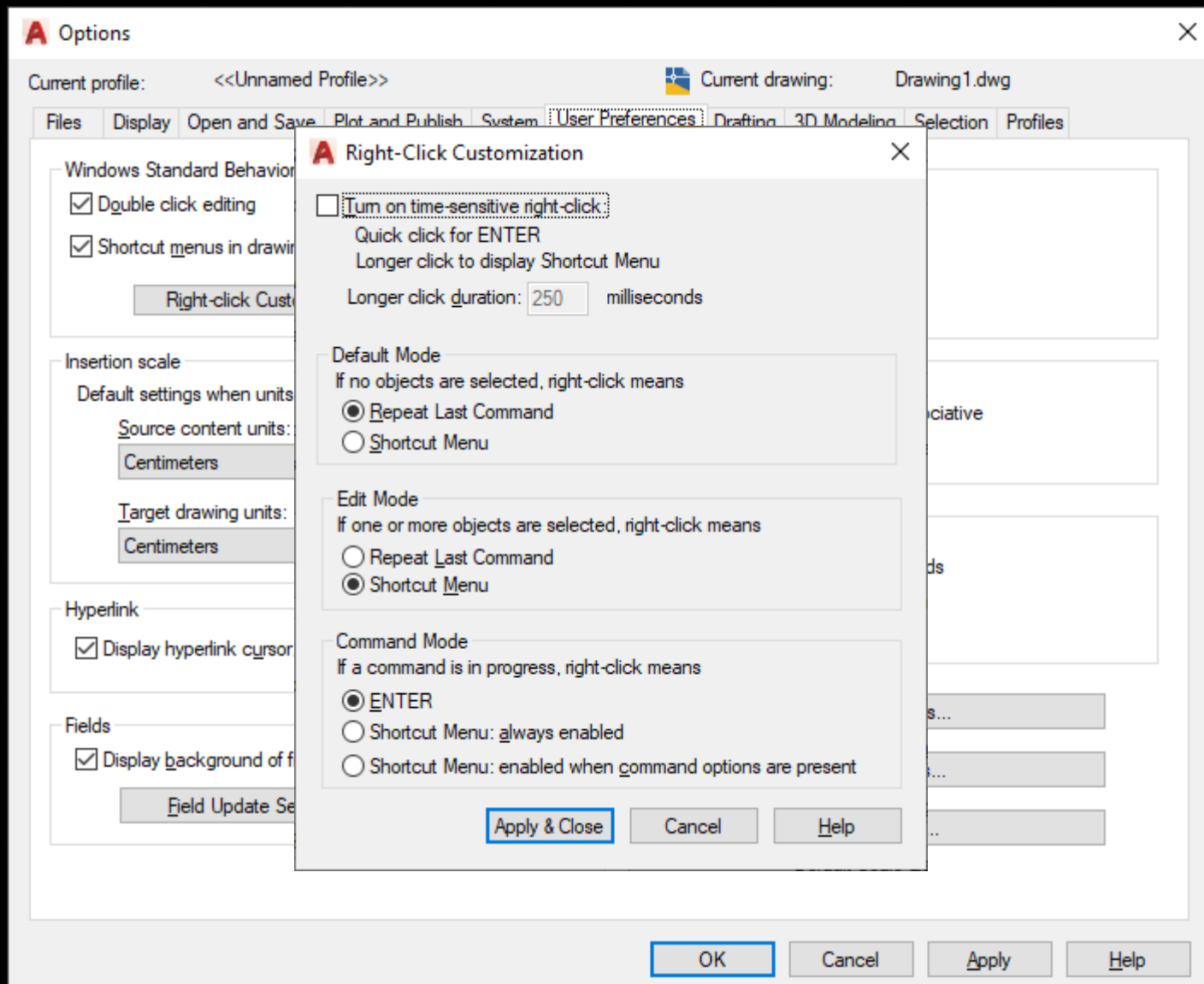




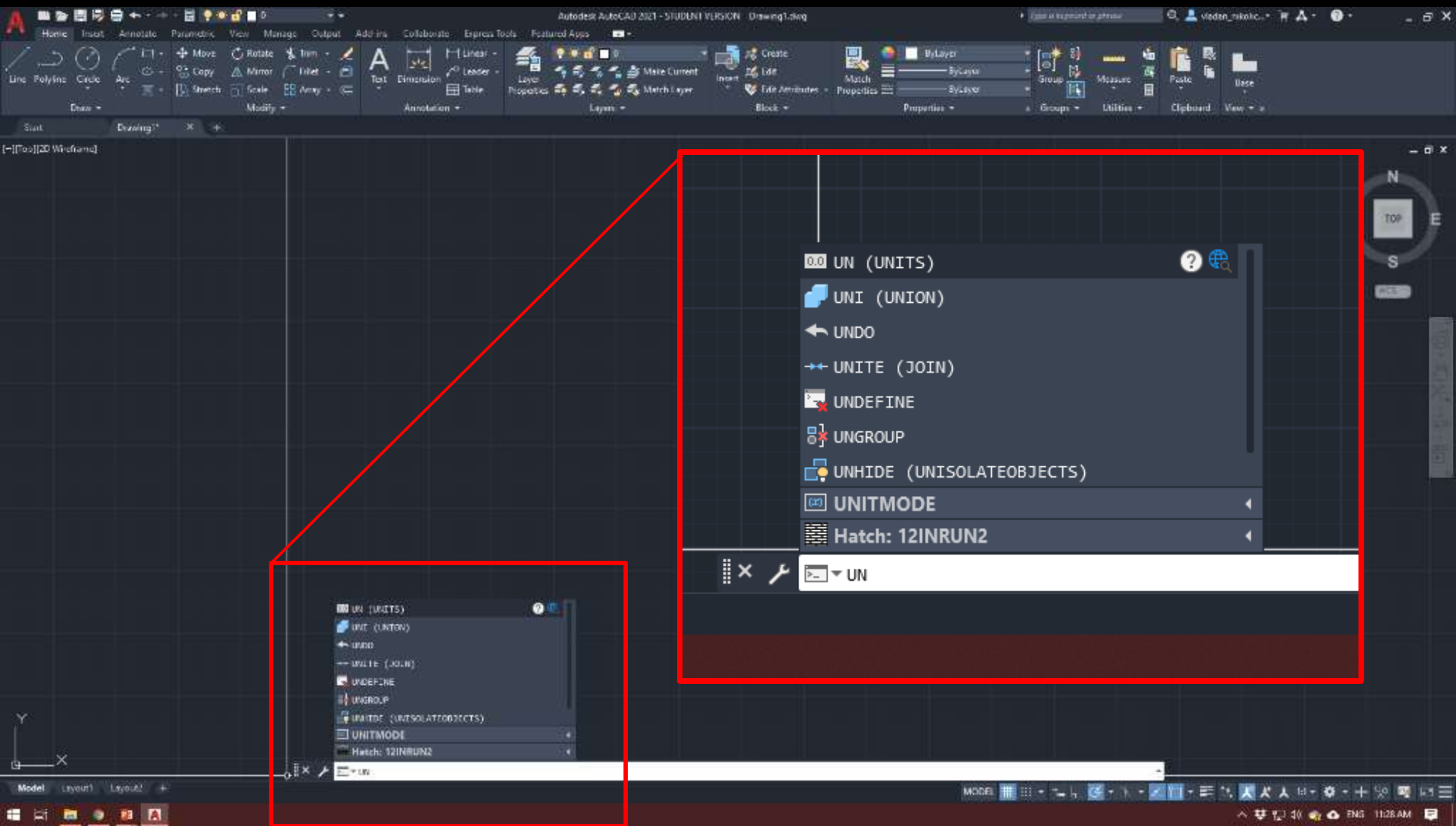








Команда UNITS (скраћено UN) / подешавање мерних јединица цртежа



A Drawing Units ✕

Length
Type: Decimal
Precision: 0.0000

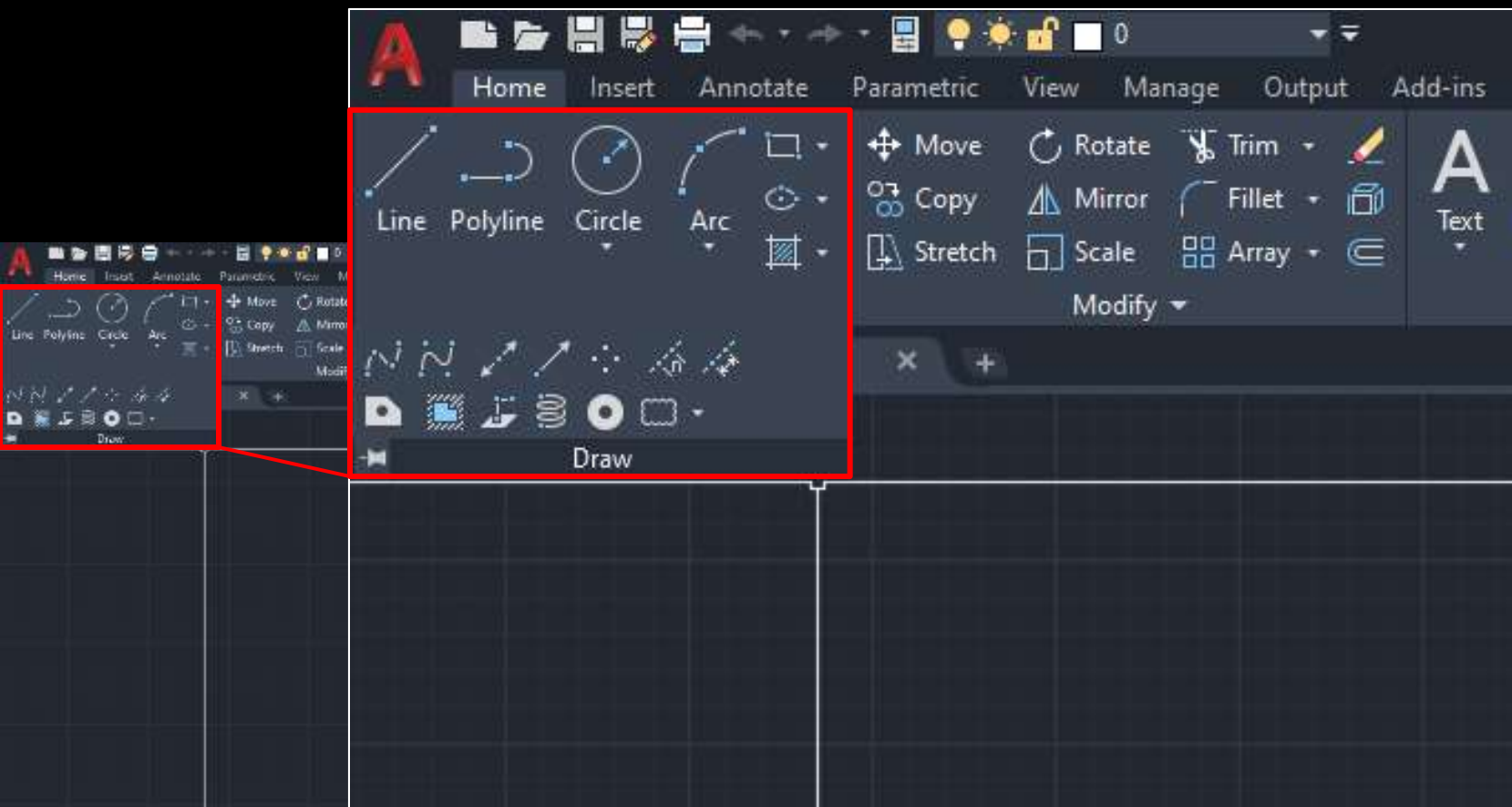
Angle
Type: Decimal Degrees
Precision: 0
 Clockwise

Insertion scale
Units to scale inserted content: Centimeters

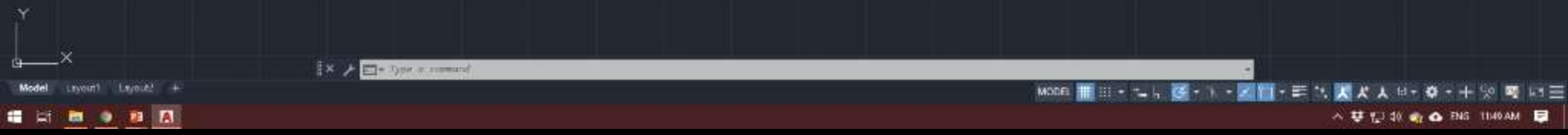
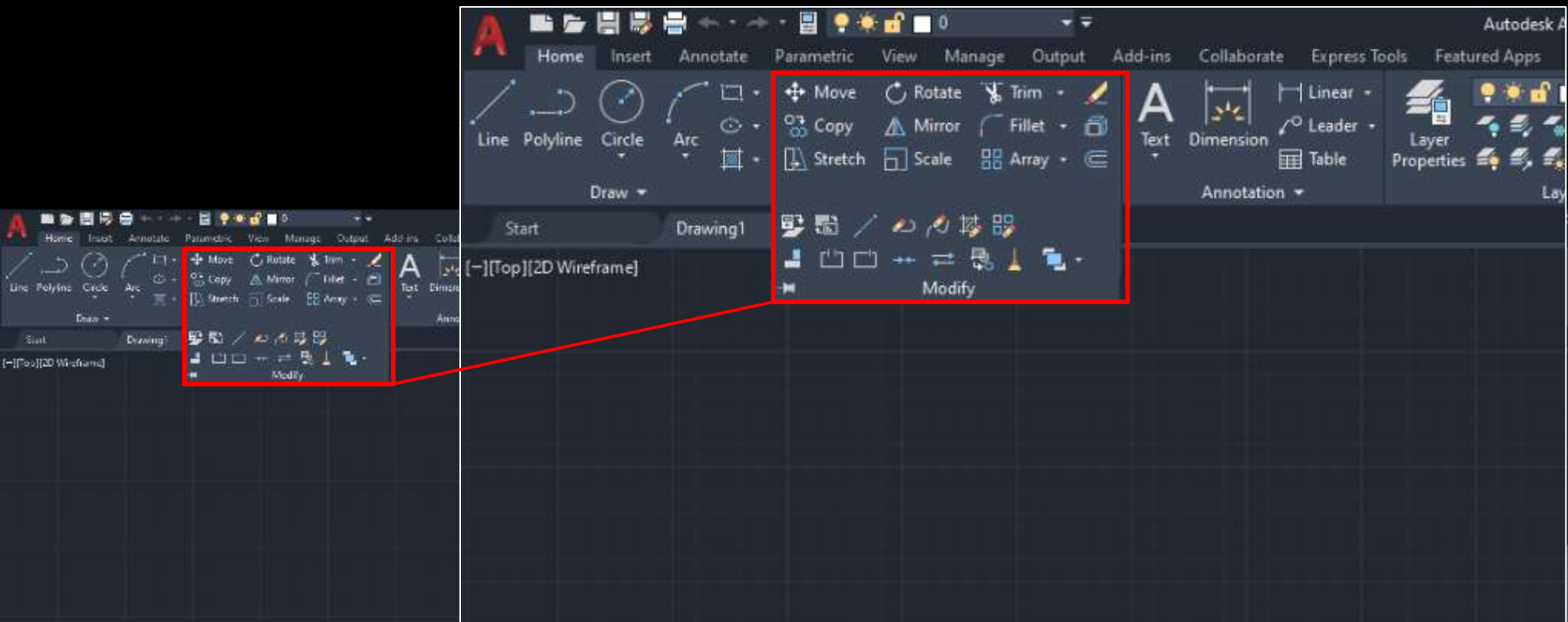
Sample Output
1.5,2.0039,0
3<45,0

Lighting
Units for specifying the intensity of lighting: International

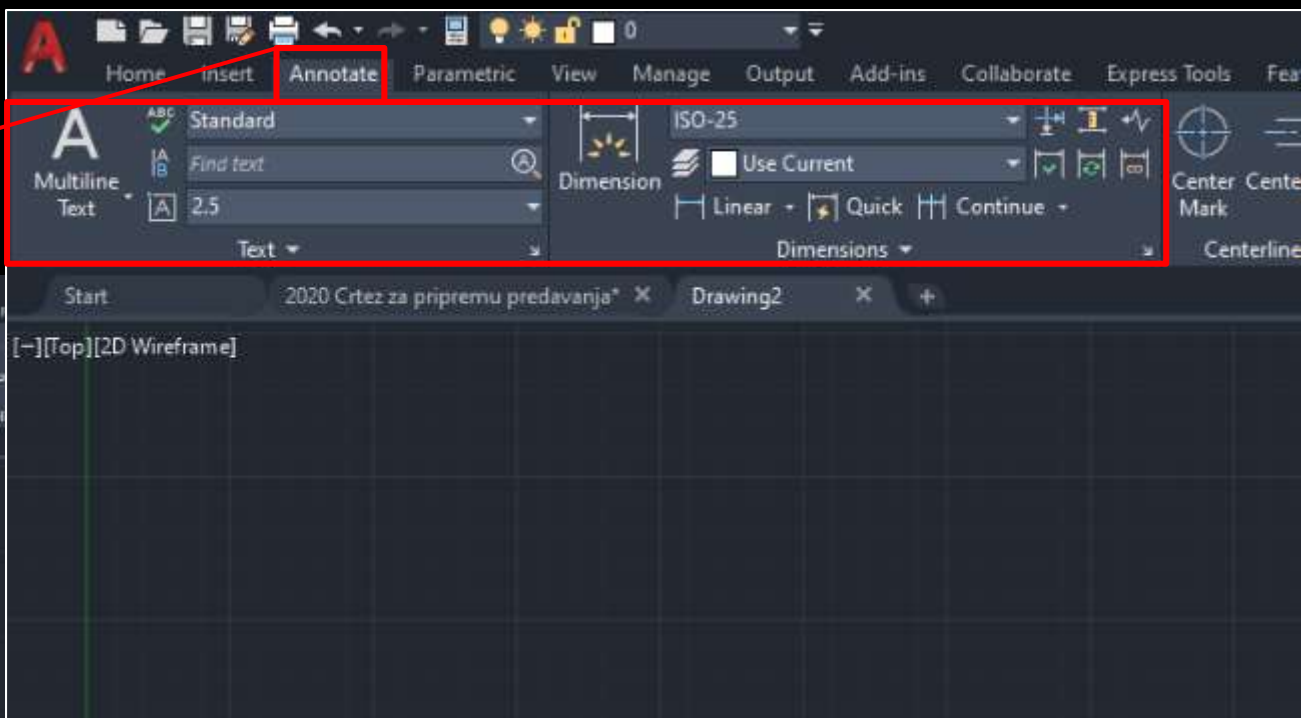
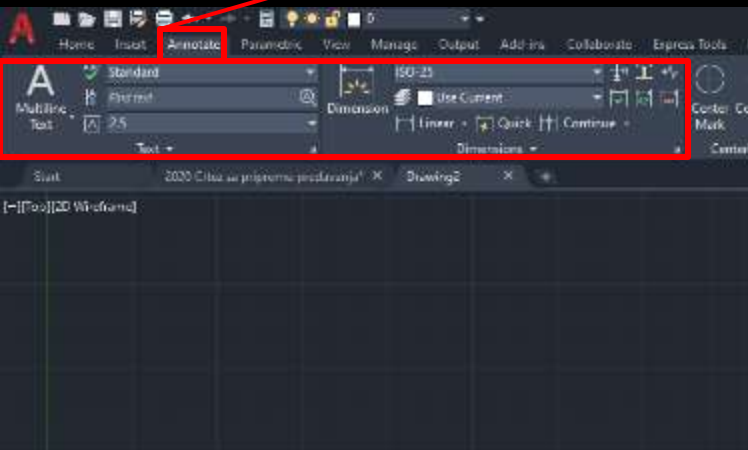
OK Cancel Direction... Help

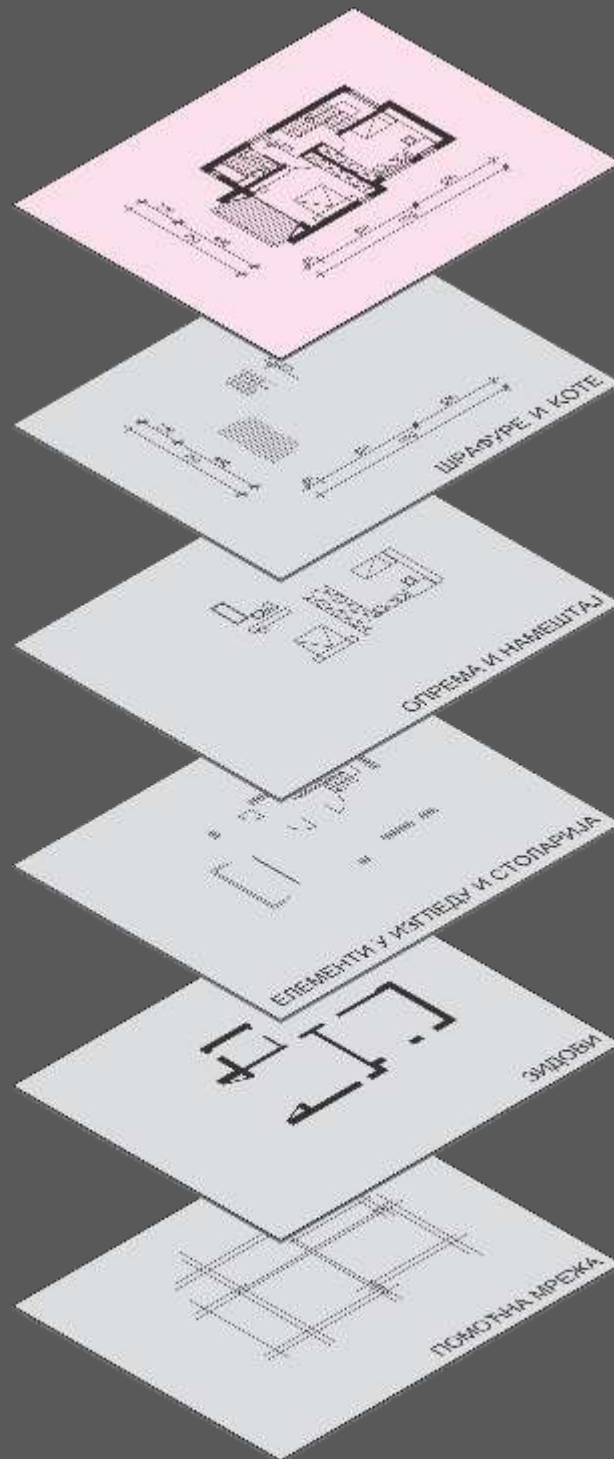


Таб HOME / палета са алатима за модификације MODIFY

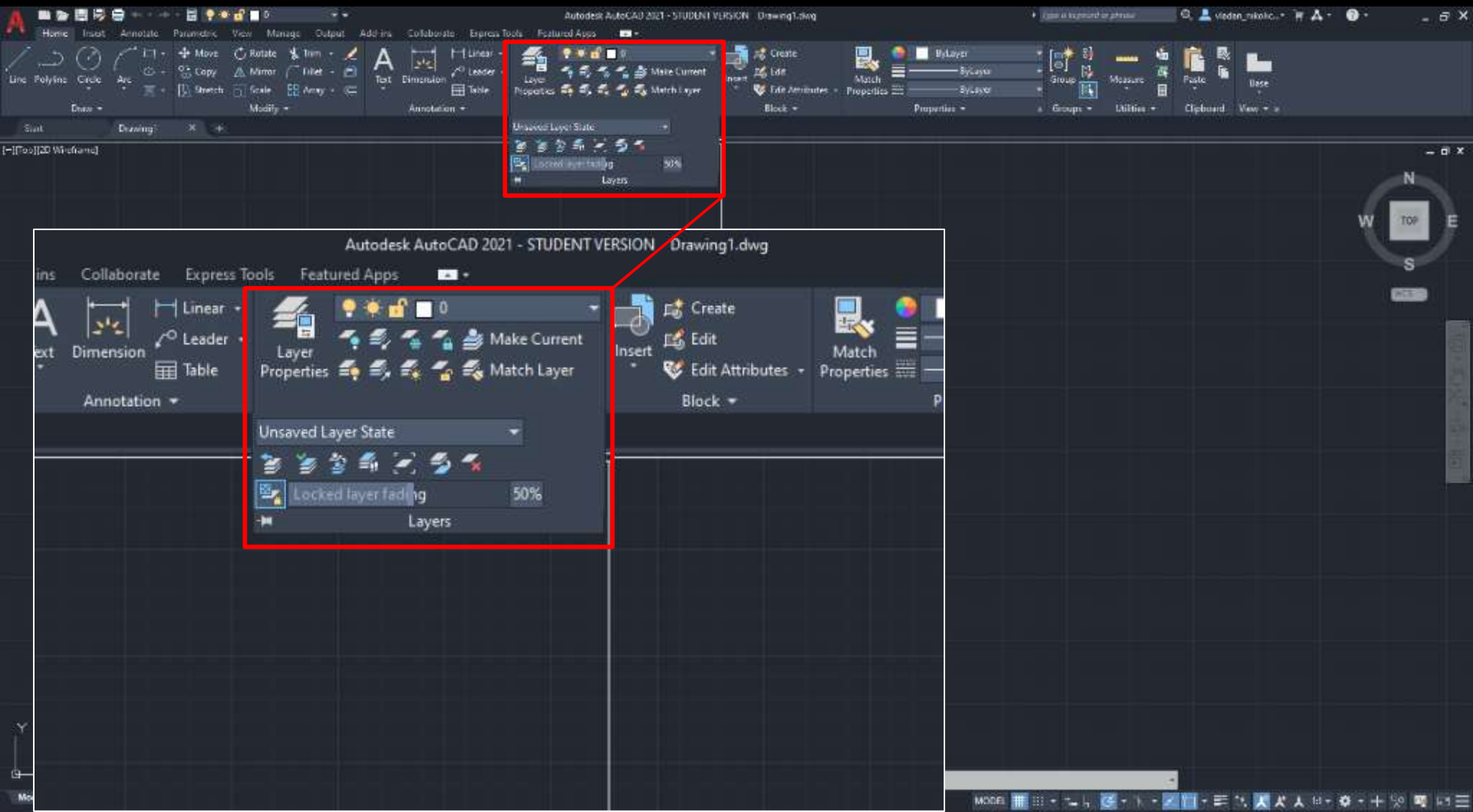


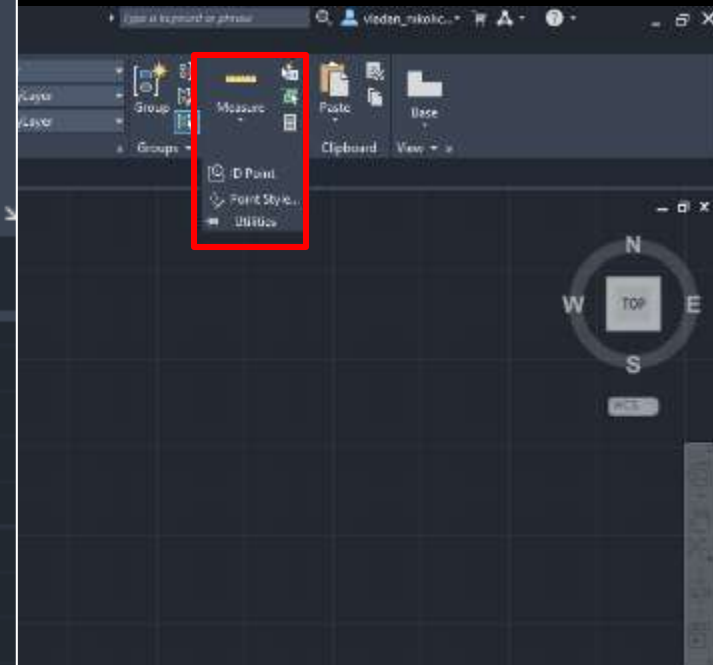
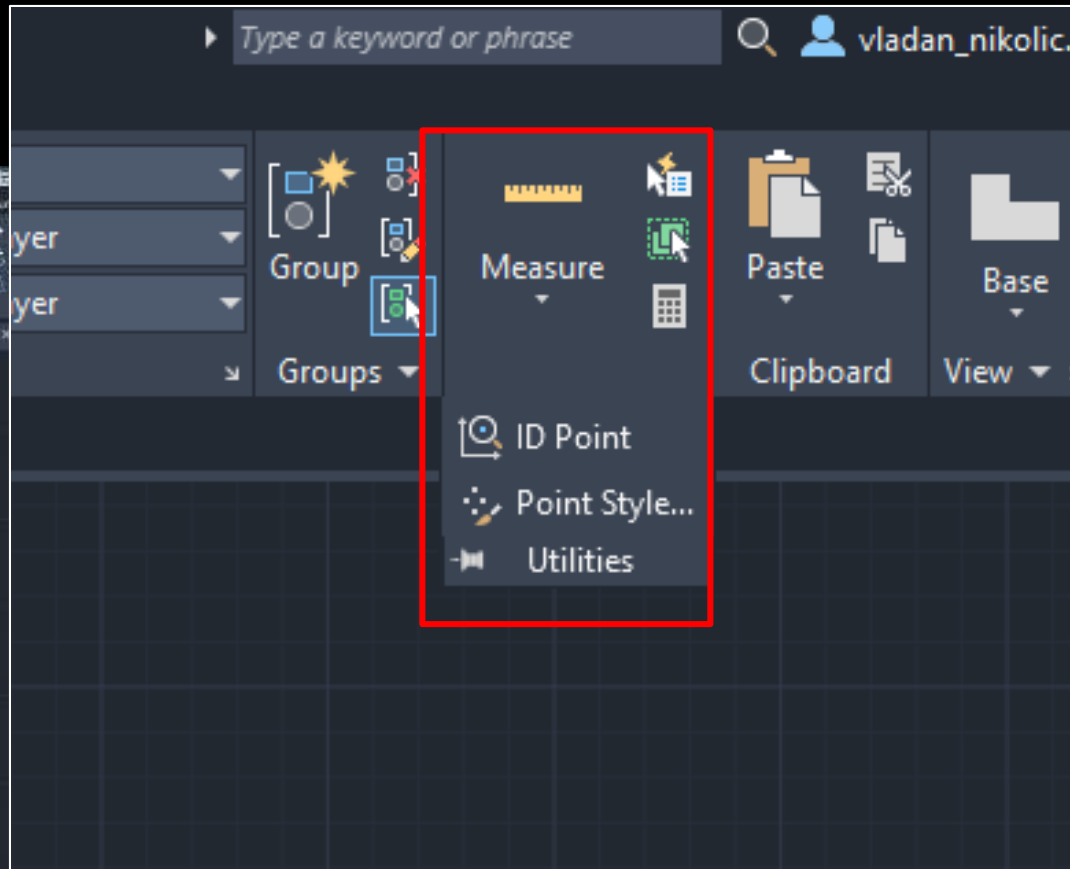
Таб ANNOTATE / палете са алатима за котирање, исписивање текста...



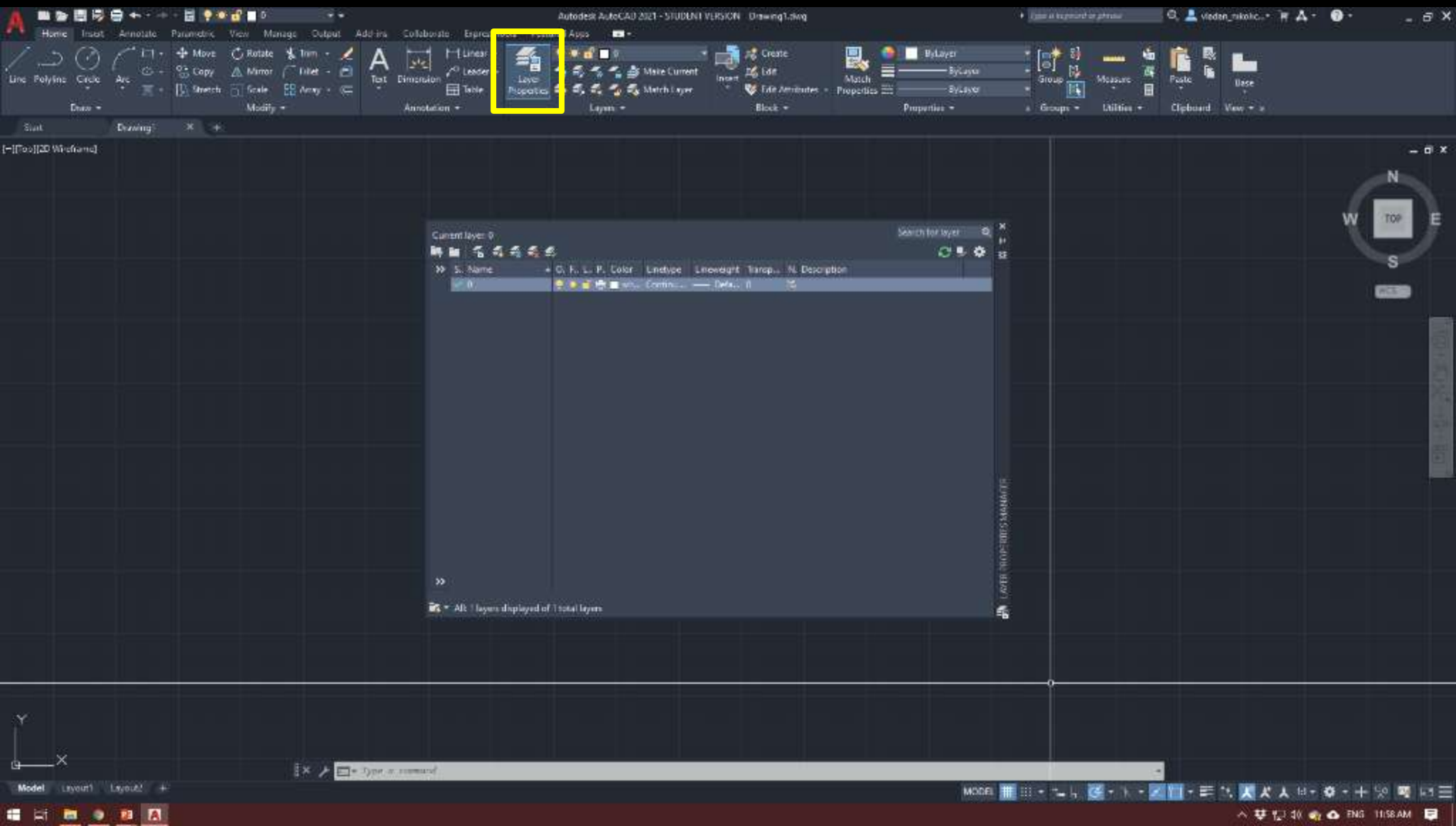


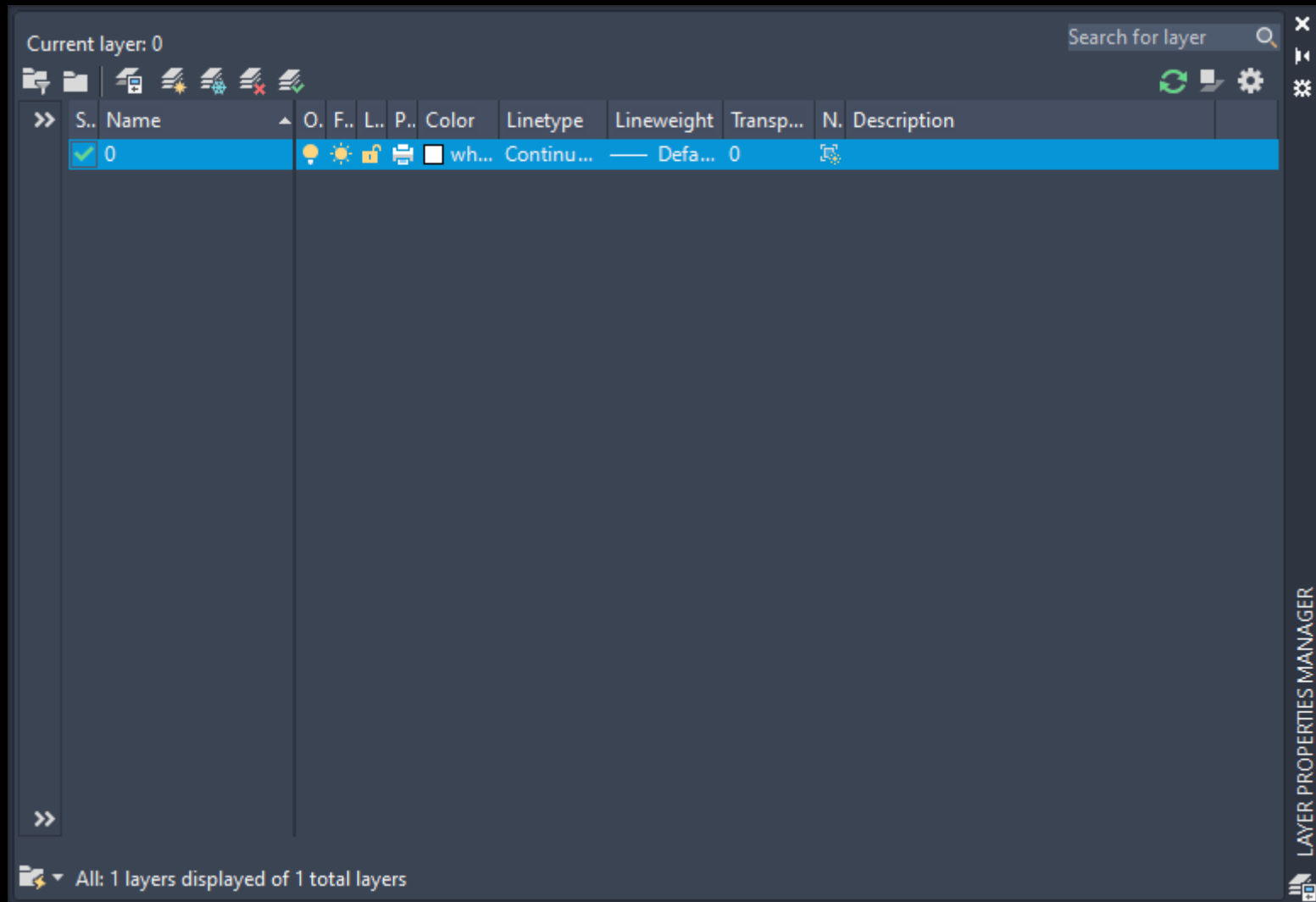
Таб HOME / палета са алатима за подешавање слојева LAYERS





Дијалог прозор LAYER PROPERTIES MANAGER





Дијалог прозор LAYER PROPERTIES MANAGER постојећег цртежа са већим бројем слојева (лејера)

Autodesk AutoCAD 2021 - STUDENT VERSION - 2020 Crtis za pripremu predavanja.dwg

Current layer: 07

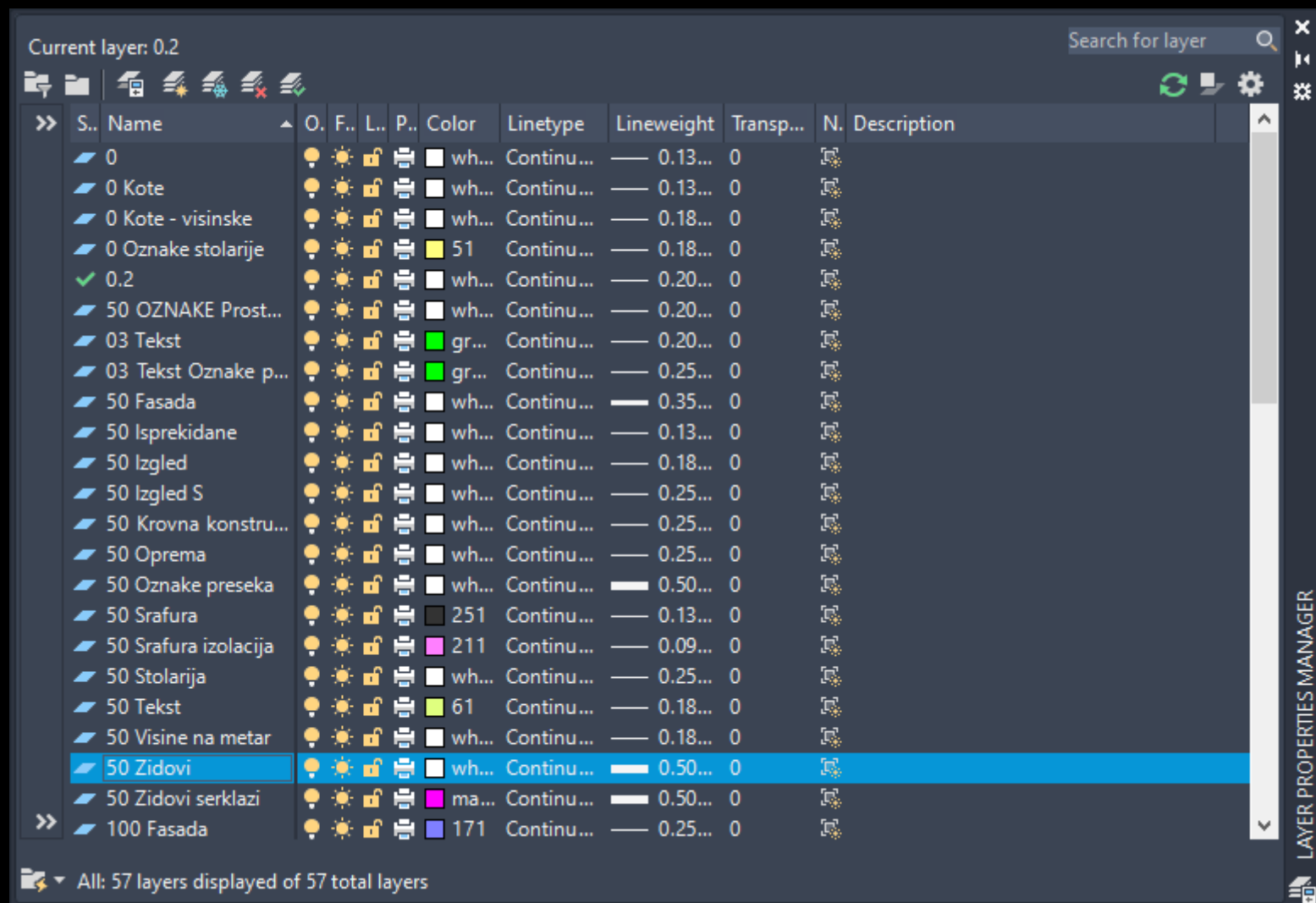
S. Name	C	F	L	P	Color	Linetype	Lineweight	Trap...	N. Description
0					wh	Continu...	0.13...	0	76
0 Kote					wh	Continu...	0.13...	0	76
0 Kote - visinske					wh	Continu...	0.18...	0	76
0 Oznake izlaza					wh	Continu...	0.18...	0	76
0 z					wh	Continu...	0.20...	0	76
50 OZNAKE Prer...					wh	Continu...	0.20...	0	76
05 Tekst					wh	Continu...	0.20...	0	76
01 tekst Oznake p...					wh	Continu...	0.25...	0	76
50 Faza					wh	Continu...	0.35...	0	76
50 Ispredokane					wh	Continu...	0.12...	0	76
50 Inglet					wh	Continu...	0.18...	0	76
50 Izlaz S					wh	Continu...	0.25...	0	76
50 Krovna konstru...					wh	Continu...	0.25...	0	76
50 Dprrma					wh	Continu...	0.25...	0	76
50 Oznake preseka					wh	Continu...	0.50...	0	76
50 Oznake					wh	Continu...	0.13...	0	76
50 Srafuna tekstu...					wh	Continu...	0.00...	0	76
50 Okolnija					wh	Continu...	0.25...	0	76
50 Tekst					wh	Continu...	0.18...	0	76
50 Vrhine na meter					wh	Continu...	0.18...	0	76
50 Zidovi sa klad					wh	Continu...	0.50...	0	76
100 Roads					wh	Continu...	0.25...	0	76

All 57 layers displayed of 57 total layers

Дијалог прозор LAYER PROPERTIES MANAGER постојећег цртежа са већим бројем слојева (лејера)

Current layer: 0.2

Search for layer



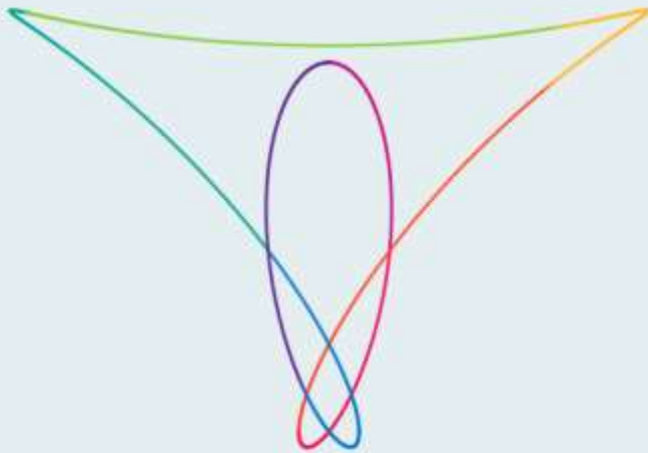
S..	Name	O.	F..	L..	P..	Color	Linetype	Lineweight	Transp...	N.	Description
0	0	☉	☀	🔒	🔒	wh...	Continu...	— 0.13...	0		
0	0 Kote	☉	☀	🔒	🔒	wh...	Continu...	— 0.13...	0		
0	0 Kote - visinske	☉	☀	🔒	🔒	wh...	Continu...	— 0.18...	0		
0	0 Oznake stolarije	☉	☀	🔒	🔒	51	Continu...	— 0.18...	0		
✓	0.2	☉	☀	🔒	🔒	wh...	Continu...	— 0.20...	0		
0	50 OZNAKE Prost...	☉	☀	🔒	🔒	wh...	Continu...	— 0.20...	0		
0	03 Tekst	☉	☀	🔒	🔒	gr...	Continu...	— 0.20...	0		
0	03 Tekst Oznake p...	☉	☀	🔒	🔒	gr...	Continu...	— 0.25...	0		
0	50 Fasada	☉	☀	🔒	🔒	wh...	Continu...	— 0.35...	0		
0	50 Isprekidane	☉	☀	🔒	🔒	wh...	Continu...	— 0.13...	0		
0	50 Izgled	☉	☀	🔒	🔒	wh...	Continu...	— 0.18...	0		
0	50 Izgled S	☉	☀	🔒	🔒	wh...	Continu...	— 0.25...	0		
0	50 Krovna konstru...	☉	☀	🔒	🔒	wh...	Continu...	— 0.25...	0		
0	50 Oprema	☉	☀	🔒	🔒	wh...	Continu...	— 0.25...	0		
0	50 Oznake preseka	☉	☀	🔒	🔒	wh...	Continu...	— 0.50...	0		
0	50 Srafura	☉	☀	🔒	🔒	251	Continu...	— 0.13...	0		
0	50 Srafura izolacija	☉	☀	🔒	🔒	211	Continu...	— 0.09...	0		
0	50 Stolarija	☉	☀	🔒	🔒	wh...	Continu...	— 0.25...	0		
0	50 Tekst	☉	☀	🔒	🔒	61	Continu...	— 0.18...	0		
0	50 Visine na metar	☉	☀	🔒	🔒	wh...	Continu...	— 0.18...	0		
0	50 Zidovi	☉	☀	🔒	🔒	wh...	Continu...	— 0.50...	0		
0	50 Zidovi serklazi	☉	☀	🔒	🔒	ma...	Continu...	— 0.50...	0		
0	100 Fasada	☉	☀	🔒	🔒	171	Continu...	— 0.25...	0		

All: 57 layers displayed of 57 total layers

LAYER PROPERTIES MANAGER

AutoCAD

**Процес
настанка
цртежа**

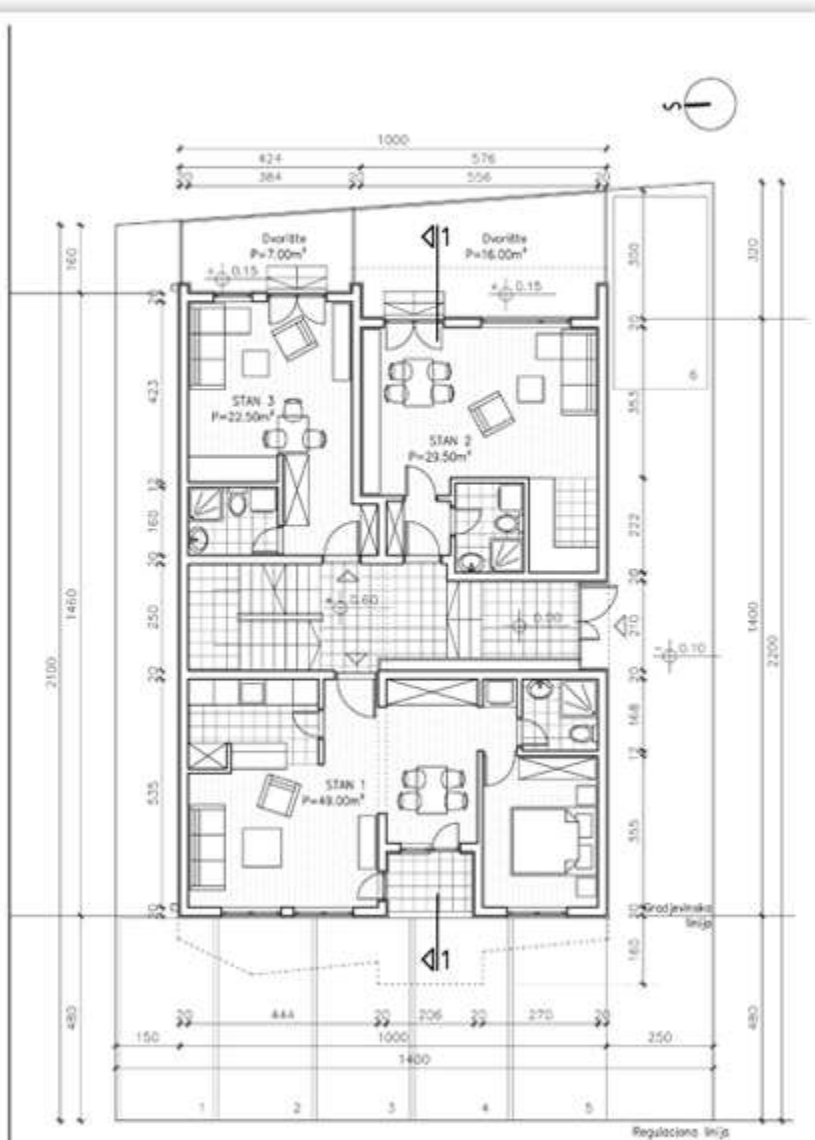




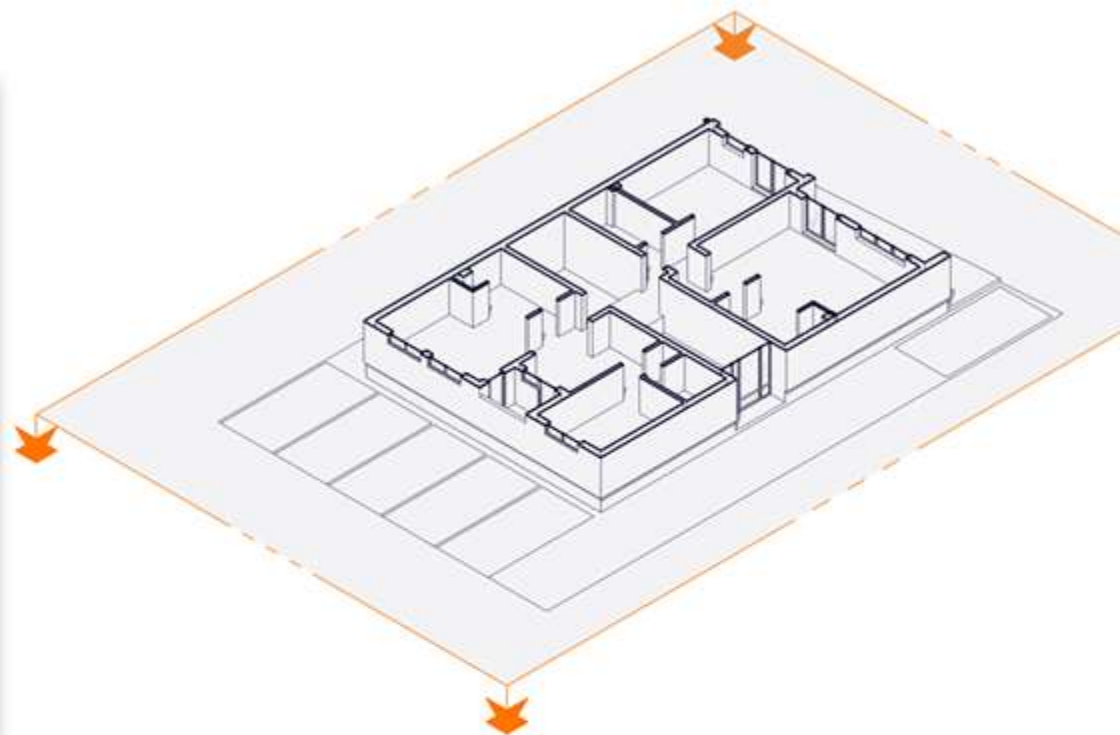
бр. недеље	највише бодова	део	програм
1	5	Уводно вежбање AutoCAD	Упознавање са градивом и начином рада у току семестра. Упознавање са радним окружењем <i>AutoCAD</i> -а. Основна подешавања програма (<i>Options Units....</i>)
2	5	AutoCAD (2Д)	Наставак рада у <i>AutoCAD</i> -у. Рад са лејерима. Панел <i>propertis</i> . Почетак исцртавања задате основе објекта.
3	5	AutoCAD (2Д)	Исцртавања задате основе објекта.
4	5	AutoCAD (2Д)	Рад са блоковима. Рад са шрафурама.
5	5	AutoCAD (2Д)	Котирање. Штампа.
6	5	AutoCAD (3Д)	Алати за 3Д моделовање. Навигација и стилови визуелног приказивања у 3Д простору. Припрема постојећих цртежа за израду 3Д модела задатог објекта. Израда модела задатог објекта.
7	5	AutoCAD (3Д)	Израда 3Д модела објекта.
8	5	AutoCAD (3Д)	Израда 3Д модела објекта.

Активност на вежбама из *AutoCAD*-а носи највише 40 бодова.

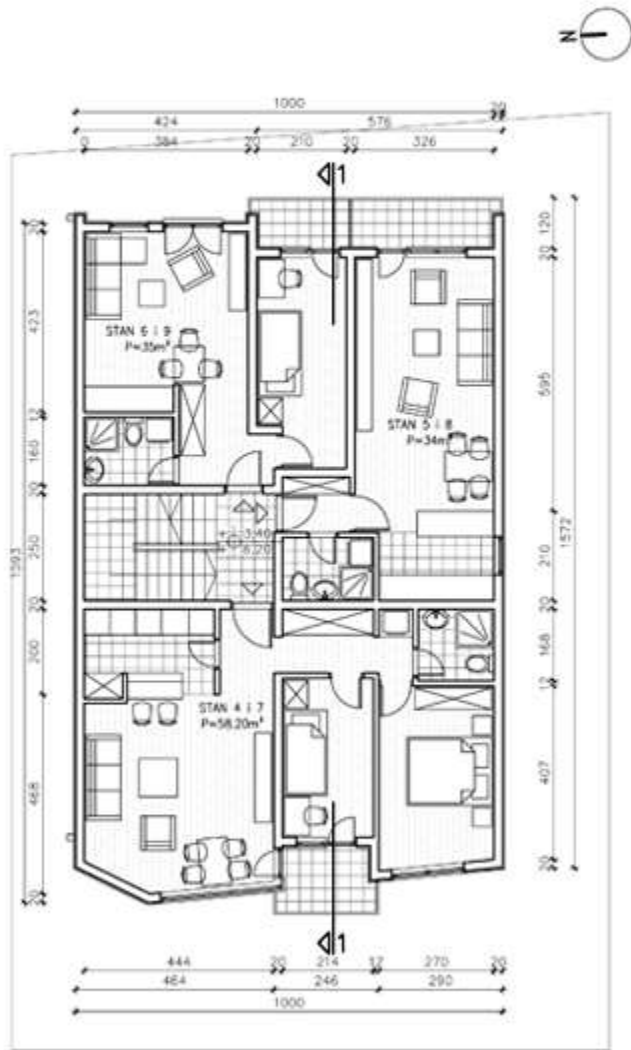
ОСНОВА ПРИЗЕМЉА



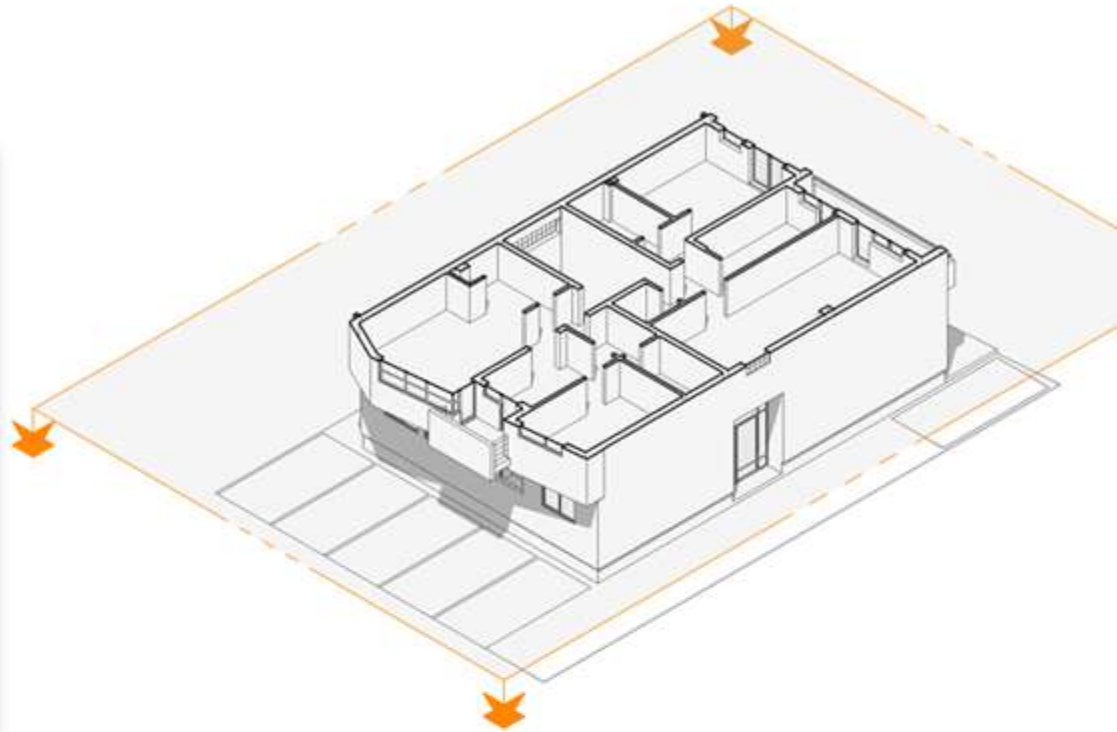
OSNOVA PRIZEMLJA 1:100



OSNOVA 1. SPRATA

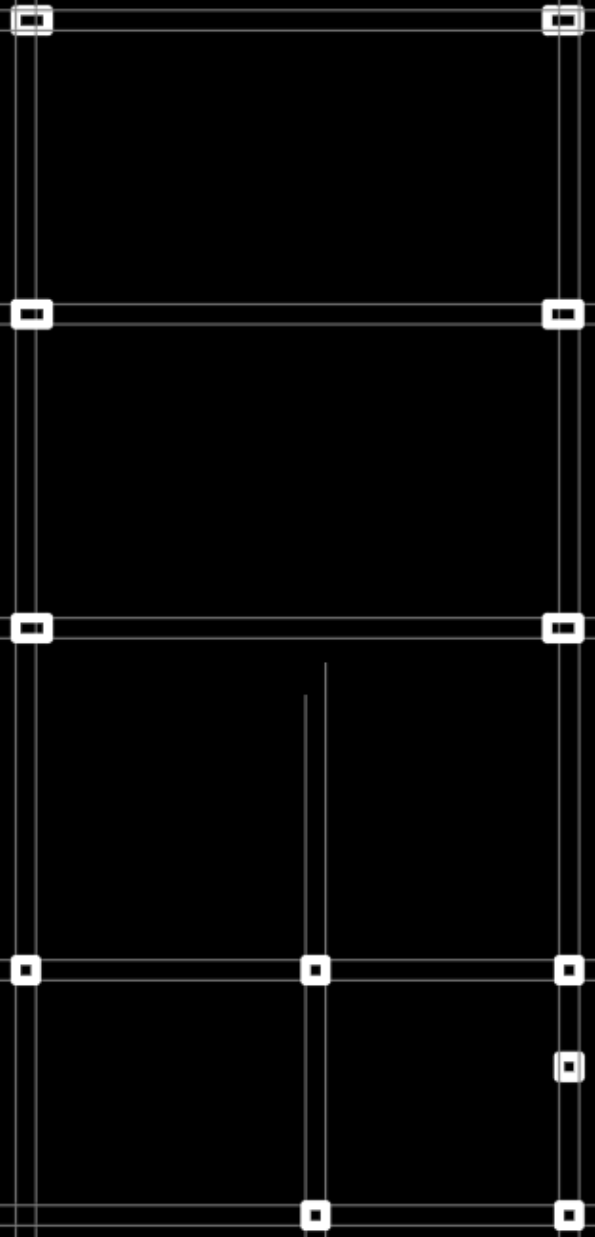


OSNOVA 1. I 2. SPRATA 1:100





примена рачунара у архитектури



Enter an option [?/Make/Set/New/Rename/ON/OFF/Color/Ltype/LWeight/TRANSPARENCY/MATERIAL/Plot/Freeze/Thaw/LOCK/Unlock/stAte/Description/rEconcile]:

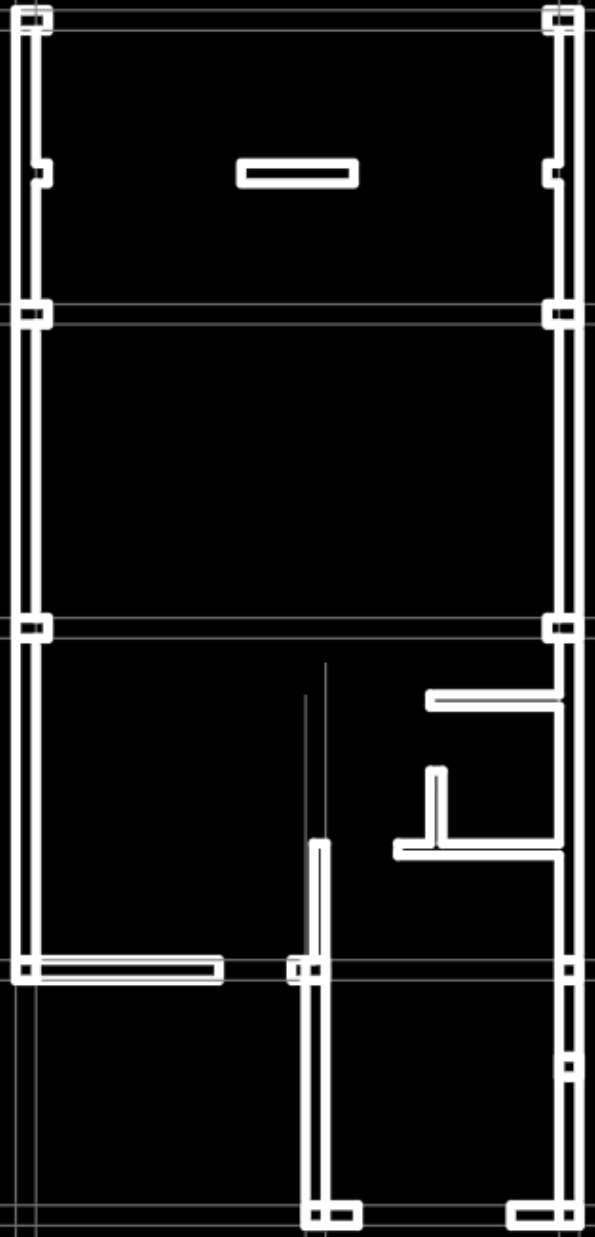
Enter name list of layer(s) to thaw: =12 Serklazi

Enter an option [?/Make/Set/New/Rename/ON/OFF/Color/Ltype/LWeight/TRANSPARENCY/MATERIAL/Plot/Freeze/Thaw/LOCK/Unlock/stAte/Description/rEconcile]:





примена рачунара у архитектури



Enter an option [?/Make/Set/New/Rename/ON/OFF/Color/Ltype/LWeight/Transparency/MATerial/Plot/Freeze/Thaw/LOck/Unlock/stAte/Description/rEcon...

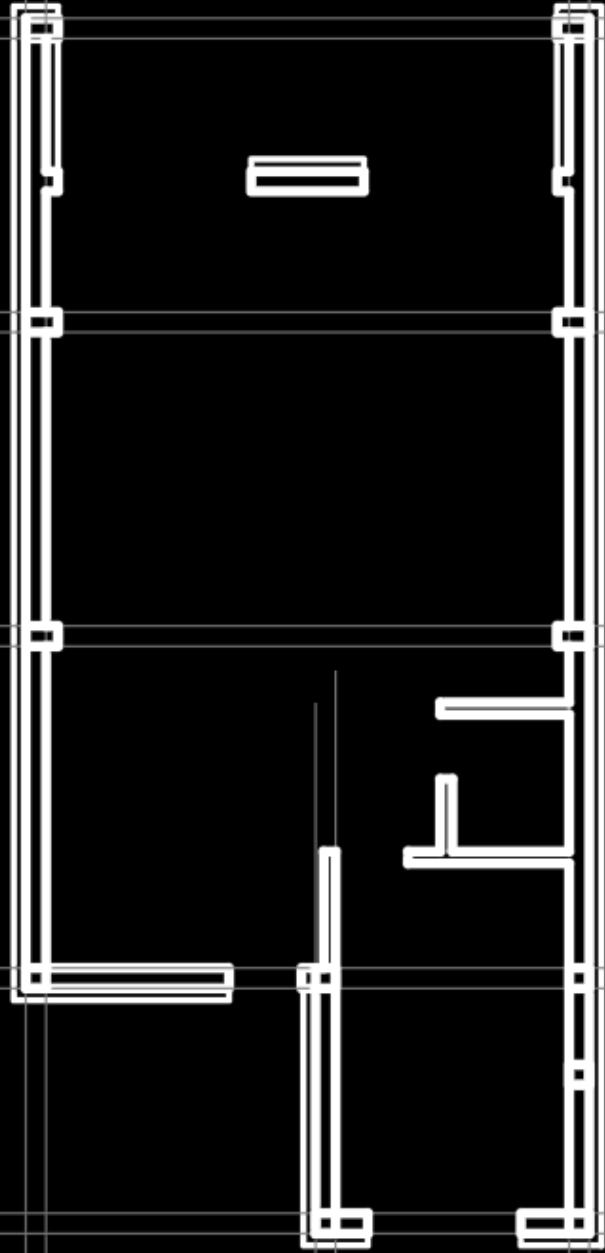
Enter name list of layer(s) to thaw: =11 Zidovi

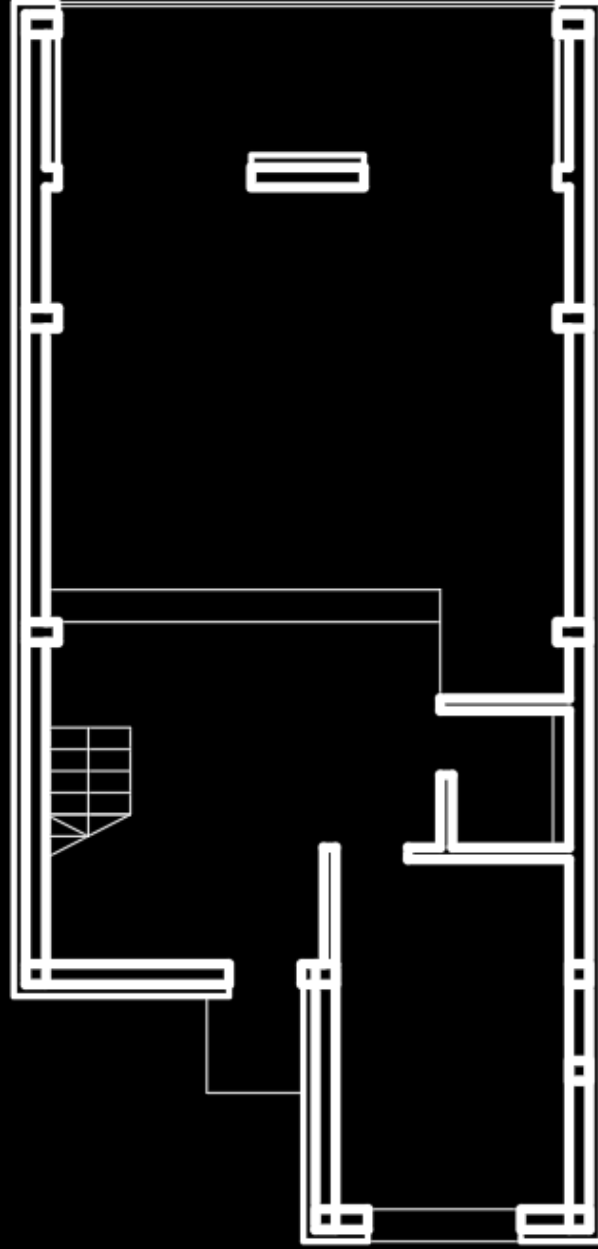
Enter an option [?/Make/Set/New/Rename/ON/OFF/Color/Ltype/LWeight/Transparency/MATerial/Plot/Freeze/Thaw/LOck/Unlock/stAte/Description/rEcon...

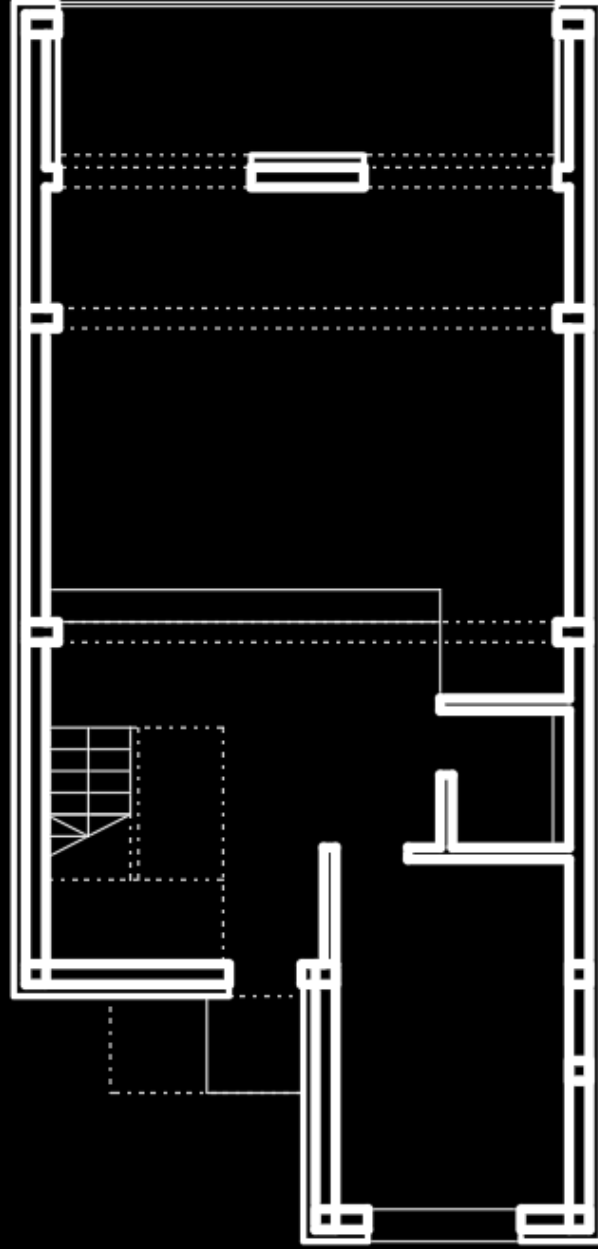


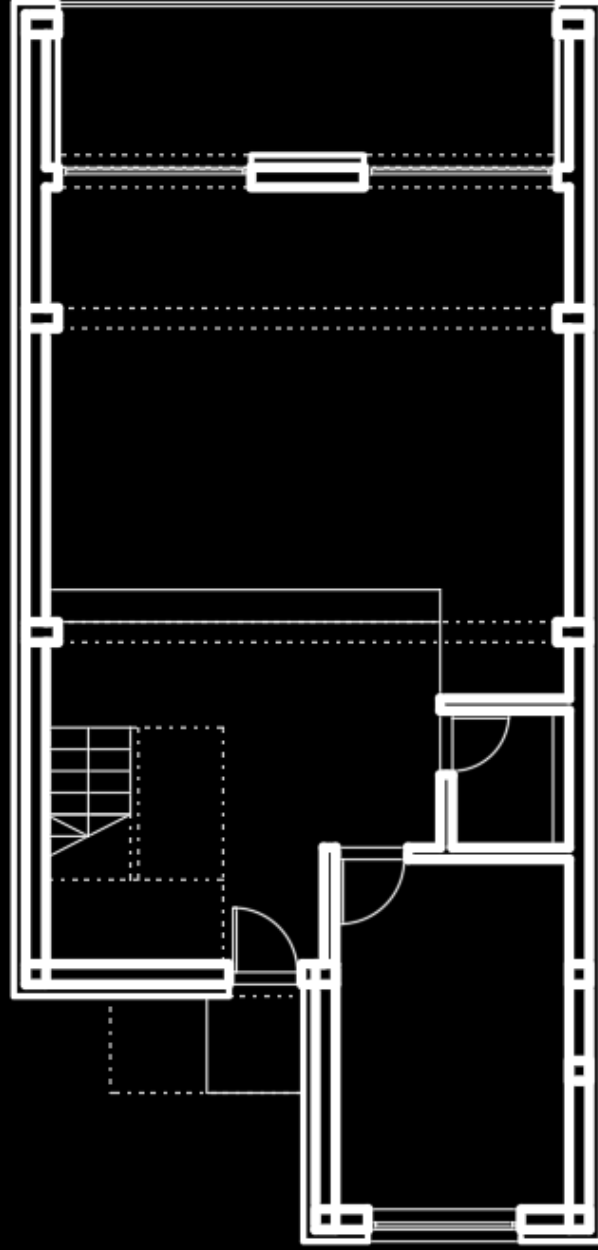


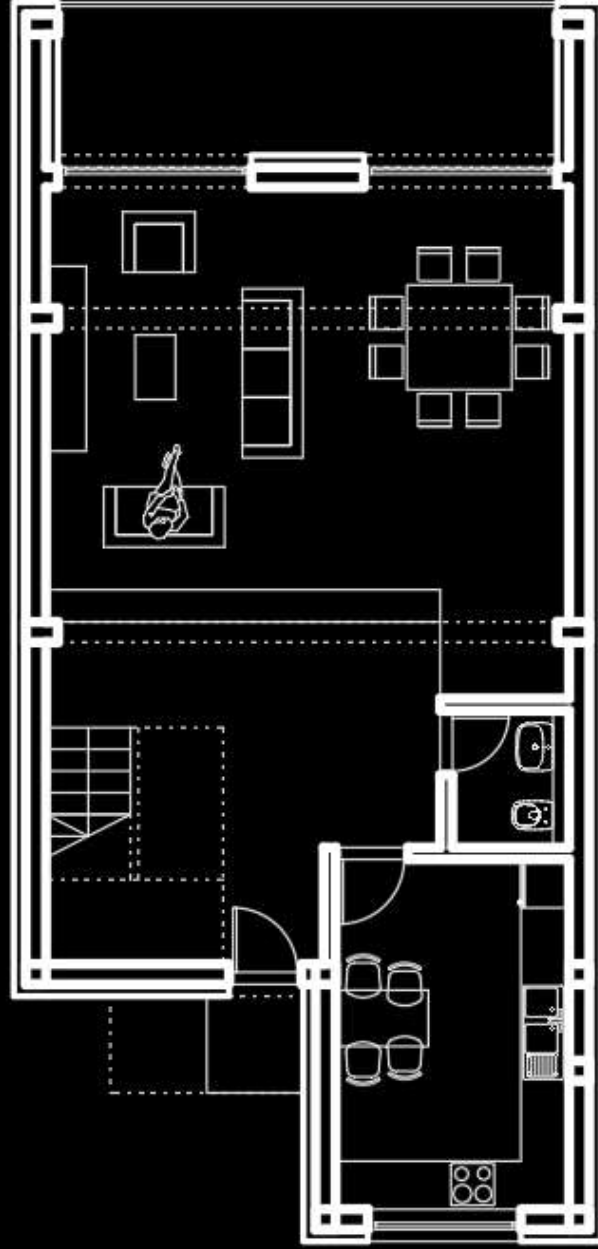
примена рачунара у архитектури

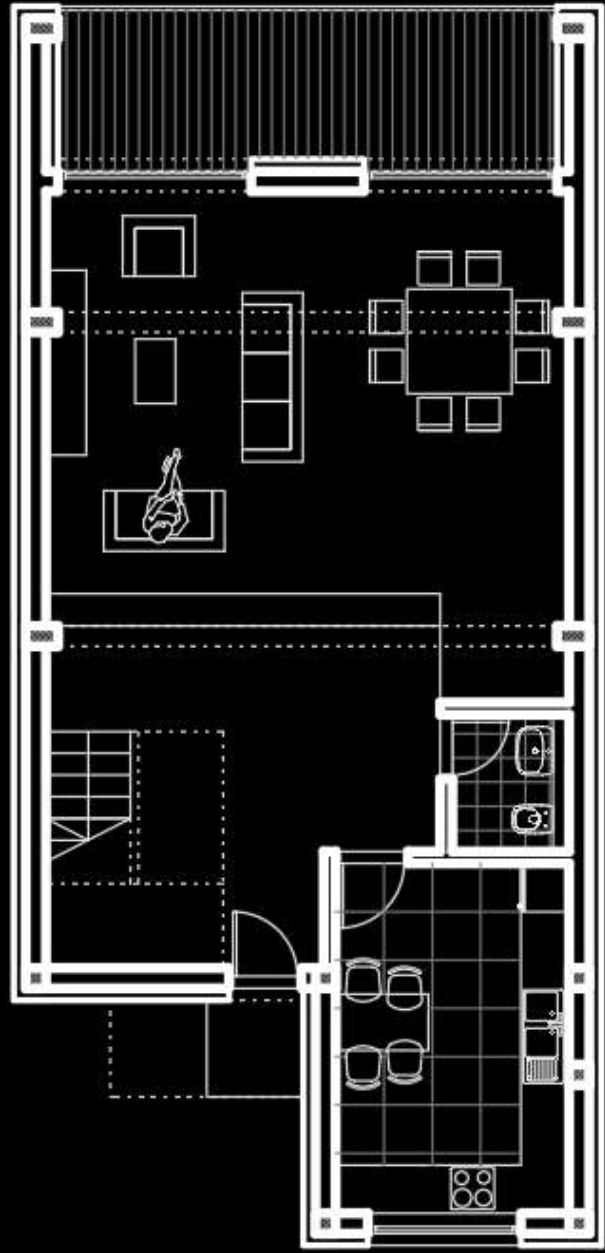


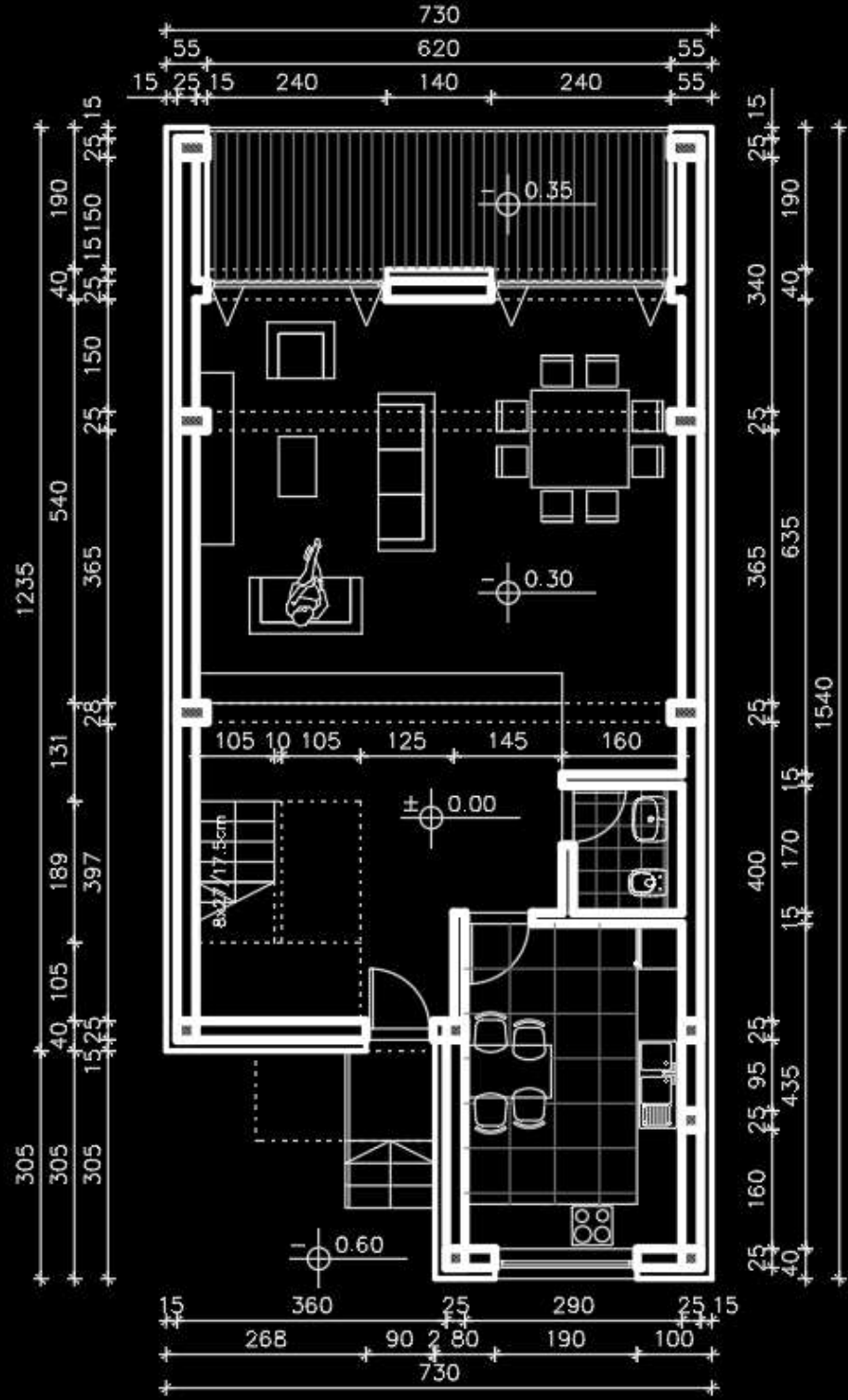


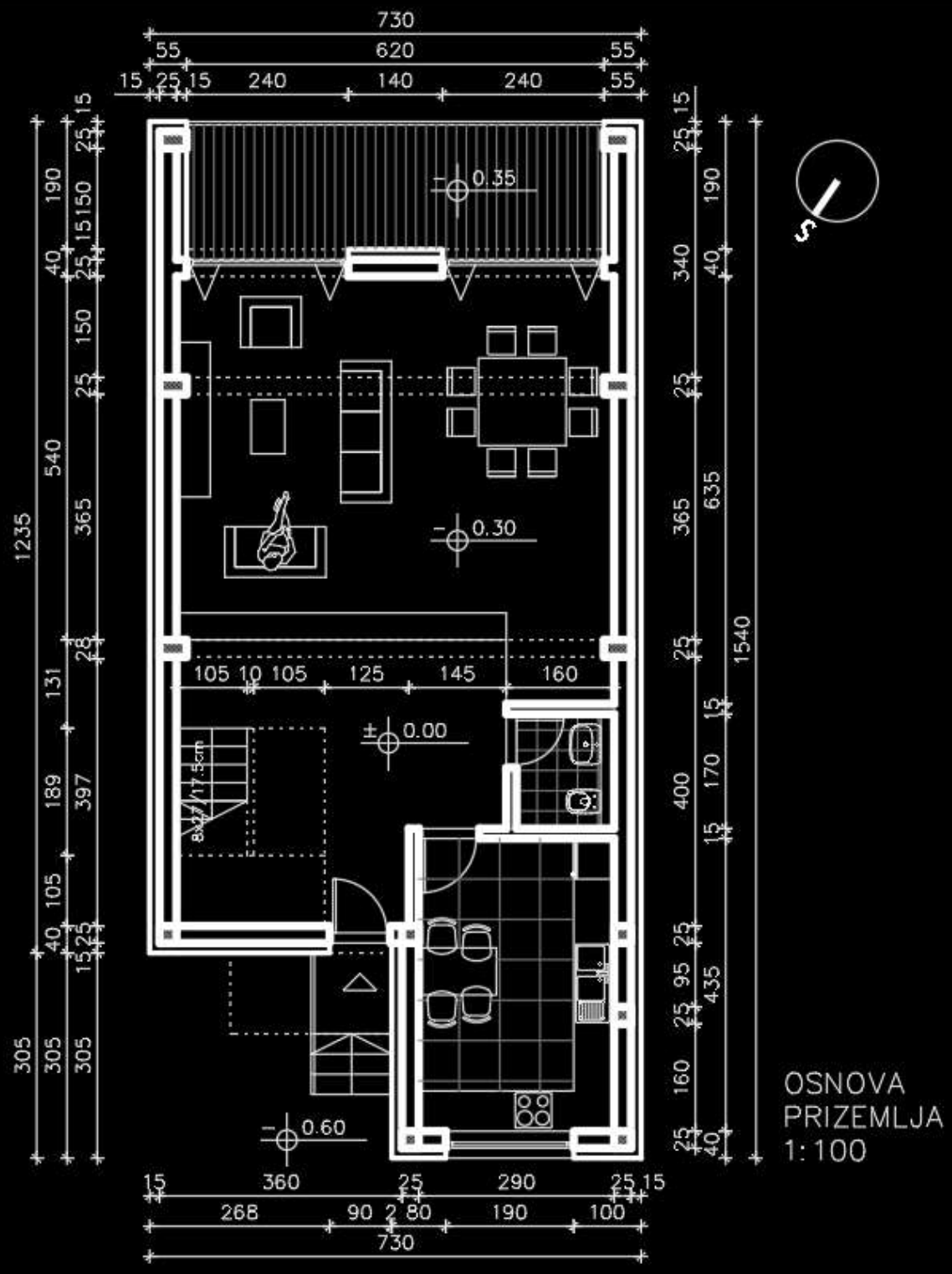


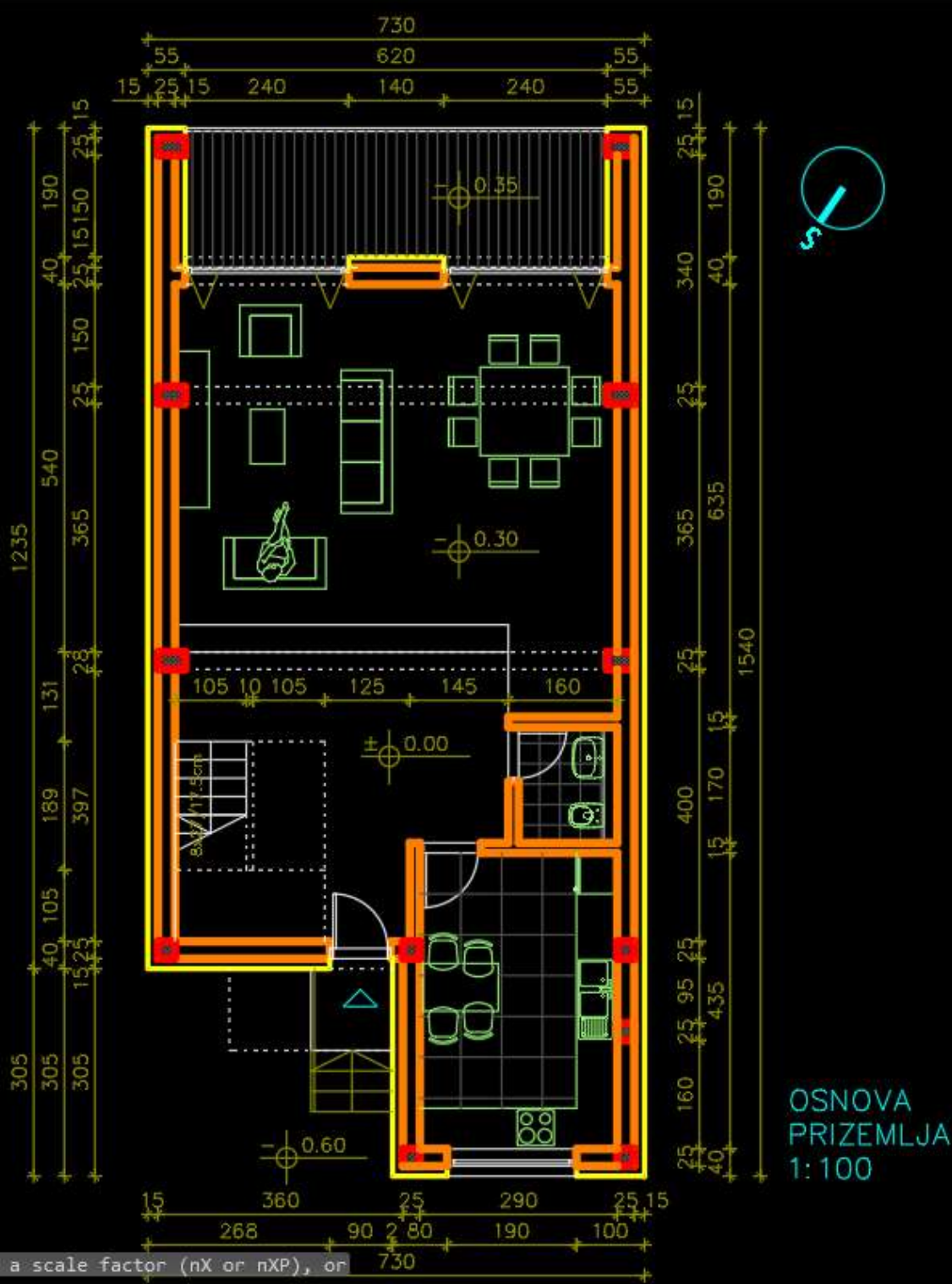








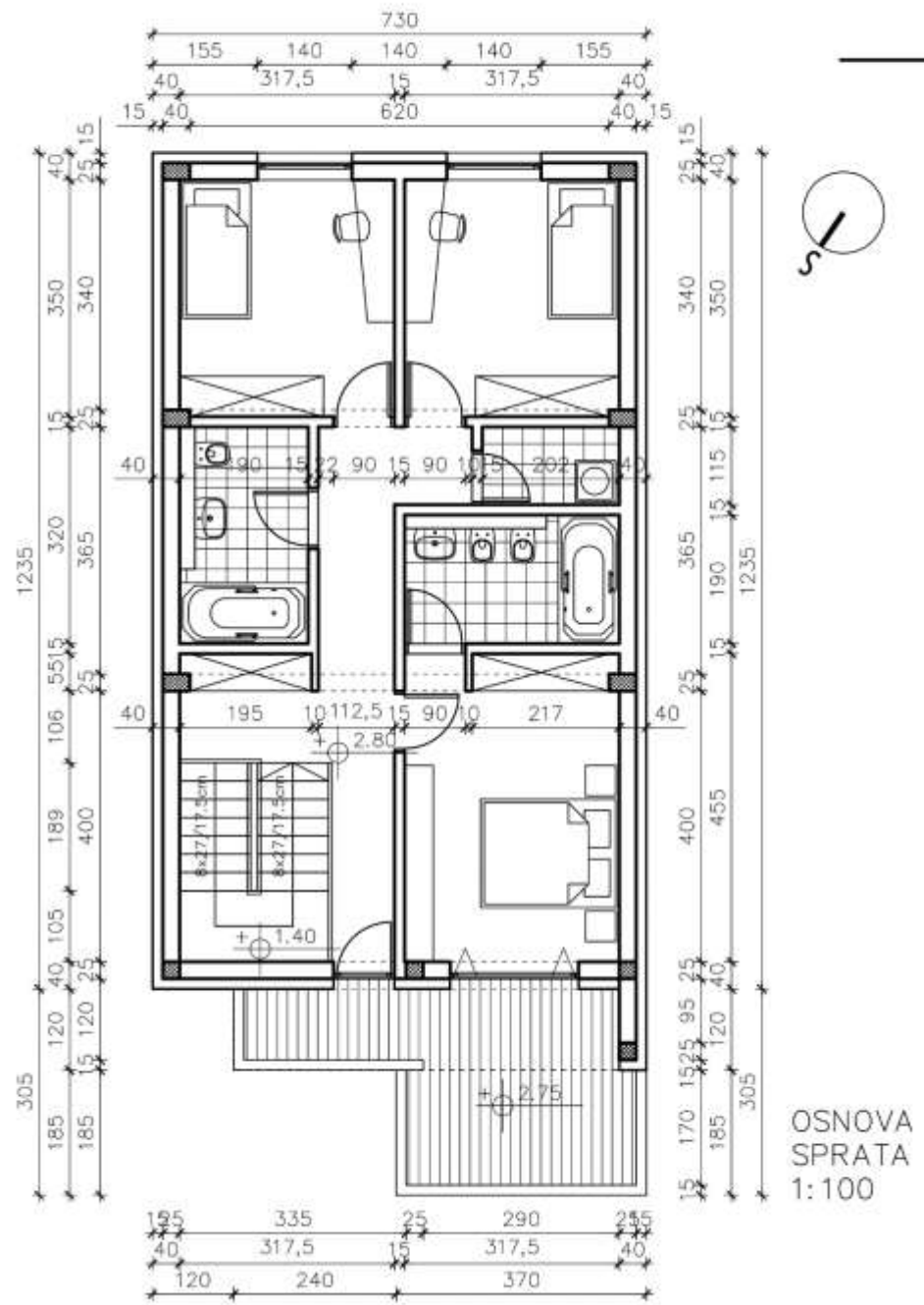
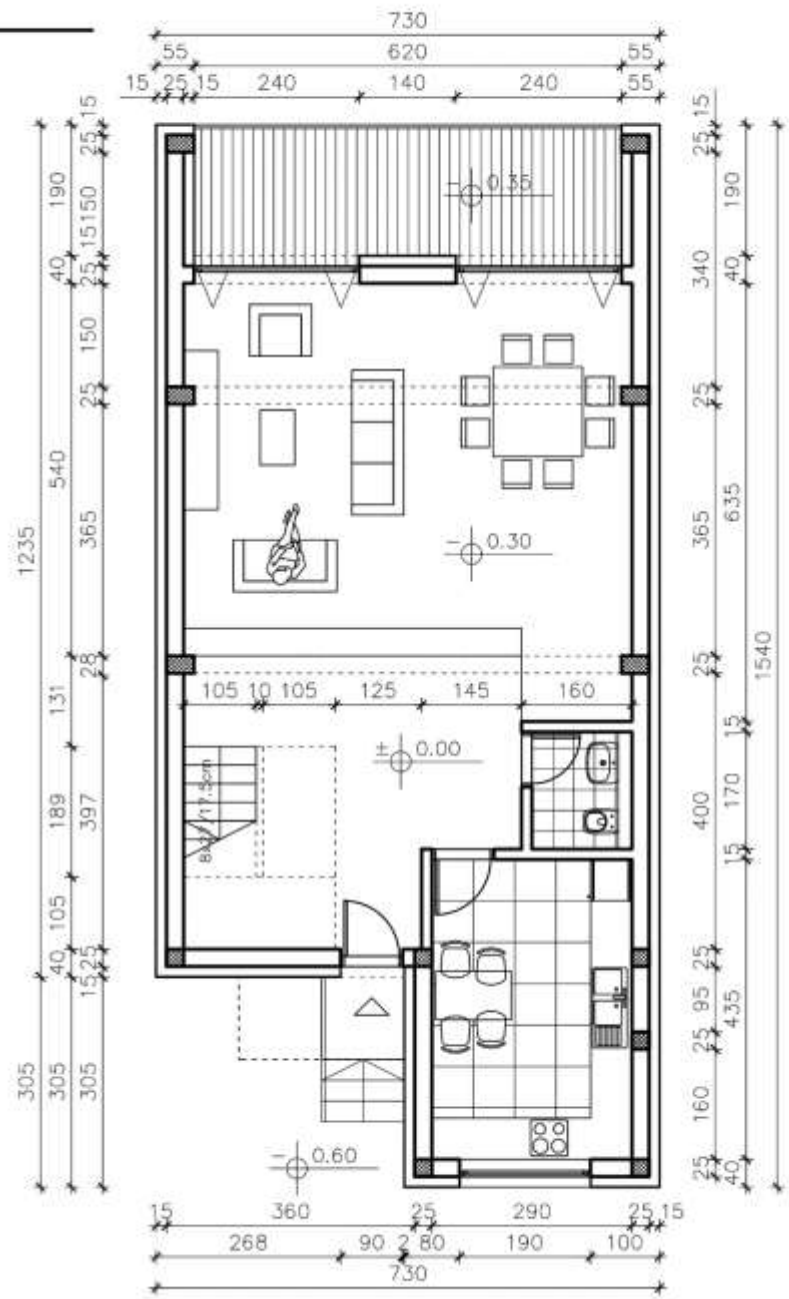




Command: '.zoom

Specify corner of window, enter a scale factor (nX or nXP), or

[All/Center/Dynamic/Extents/Previous/Scale/Window/Object] <real time>: e



Autodesk AutoCAD 2017 - EDUCATIONAL VERSION 20171027 Kuce 1-50 A6.dwg

Home Insert Annotate Parametric View Manage Output Add-ins A360 Express Tools Featured Apps BIM 360 Performance

Line Polyline Circle Arc Move Rotate Trim Copy Mirror Fillet Stretch Scale Array

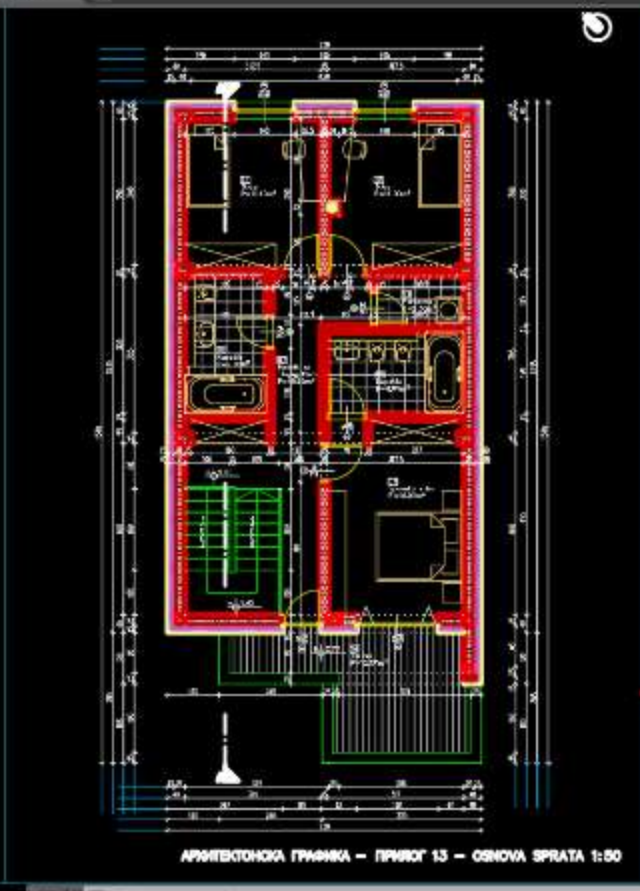
Annotation Dimension Table Linear Lesson Match Layer

Properties Match Properties

ByLayer ByLayer ByLayer

Group Measure Paste Bus

Groups Utilities Clipboard View



Model

MODEL

1:100

ENG 11:31 PM

AutoCAD

**Опремање
техничких
цртежа**

**DWG
блокови**

Неки од сајтова који нуде бесплатно преузимање цртежа и блокова у DWG формату

cad-blocks.net

freecads.com

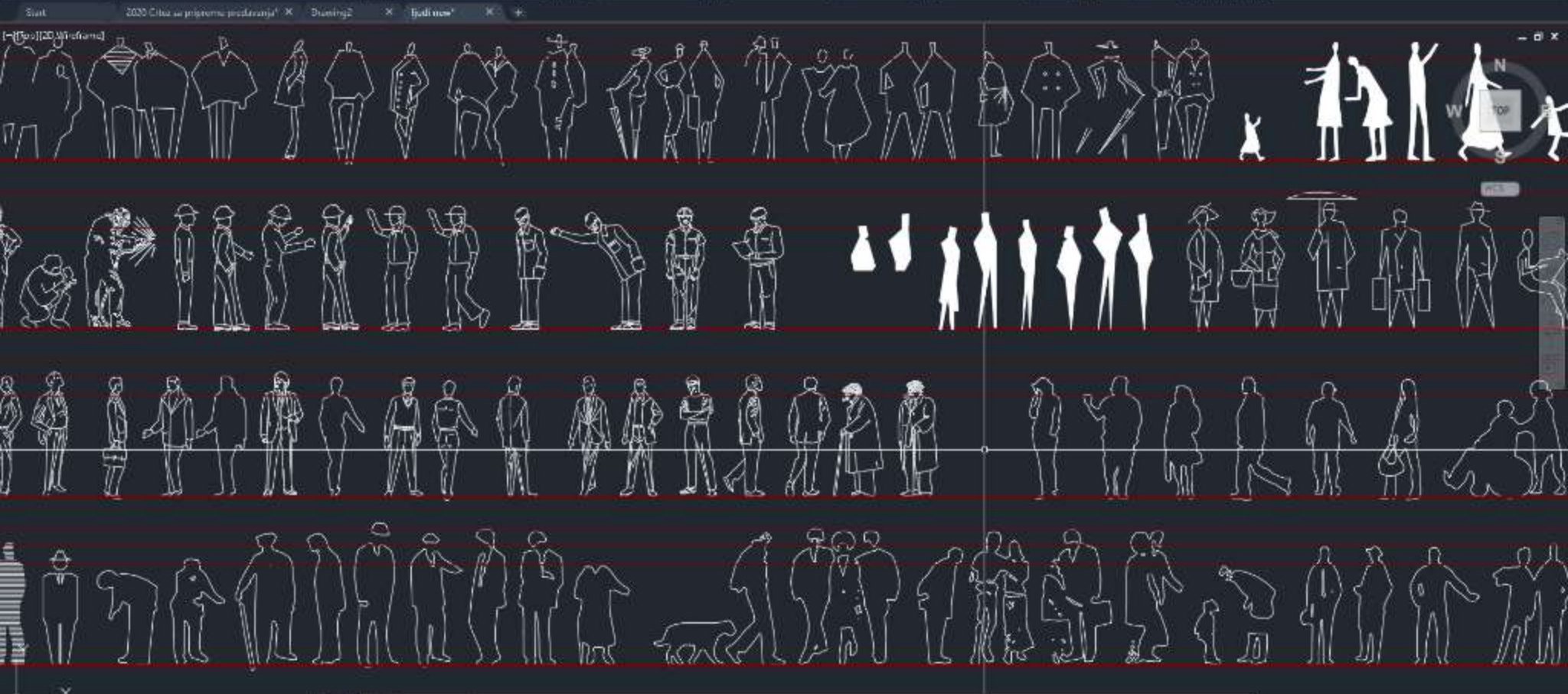
dwgfree.com

caddetails.com

.....

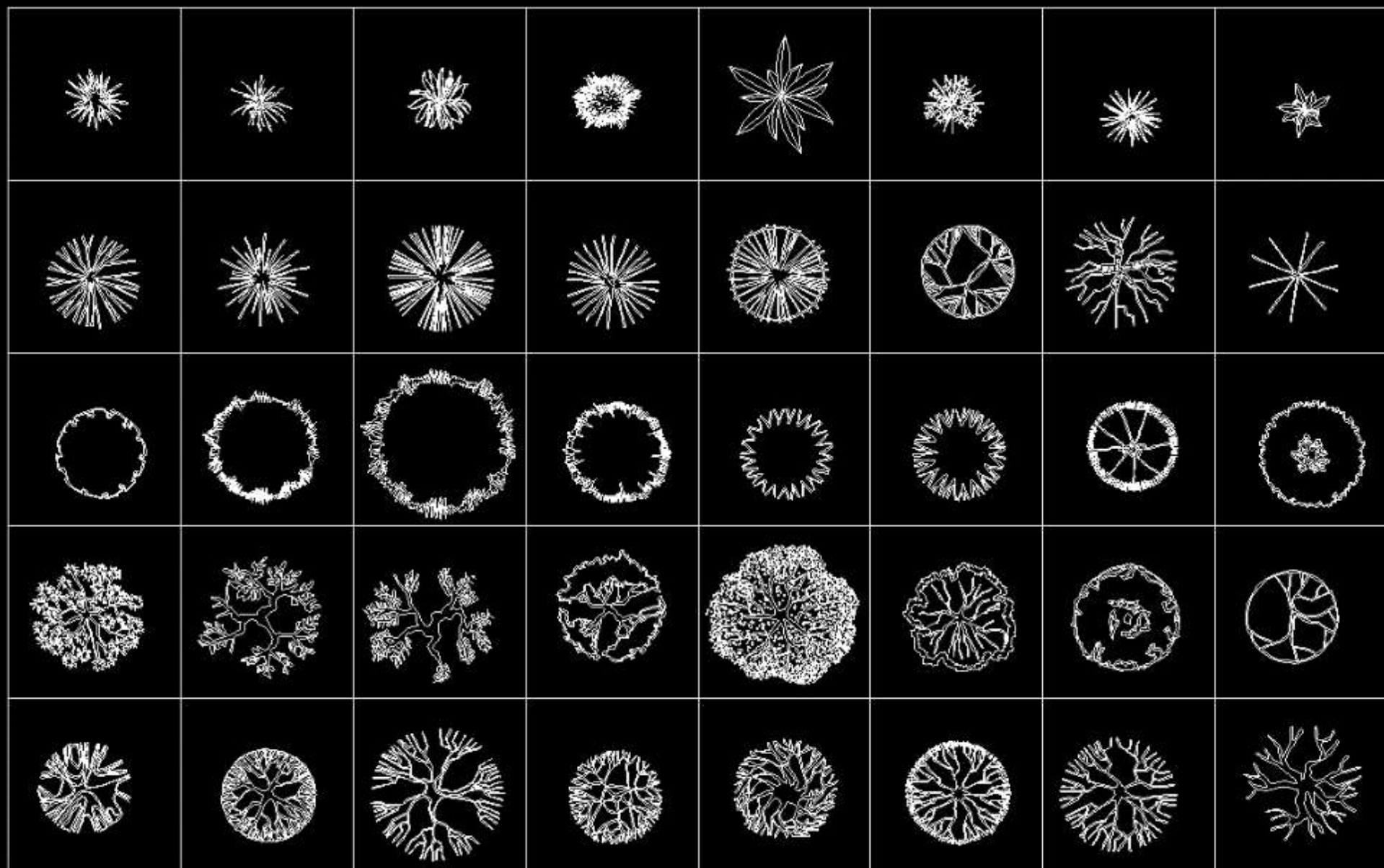
Home | Insert | Annotate | Parametric | View | Manage | Output | Add-ins | Collaborate | Express Tools | Featured Apps

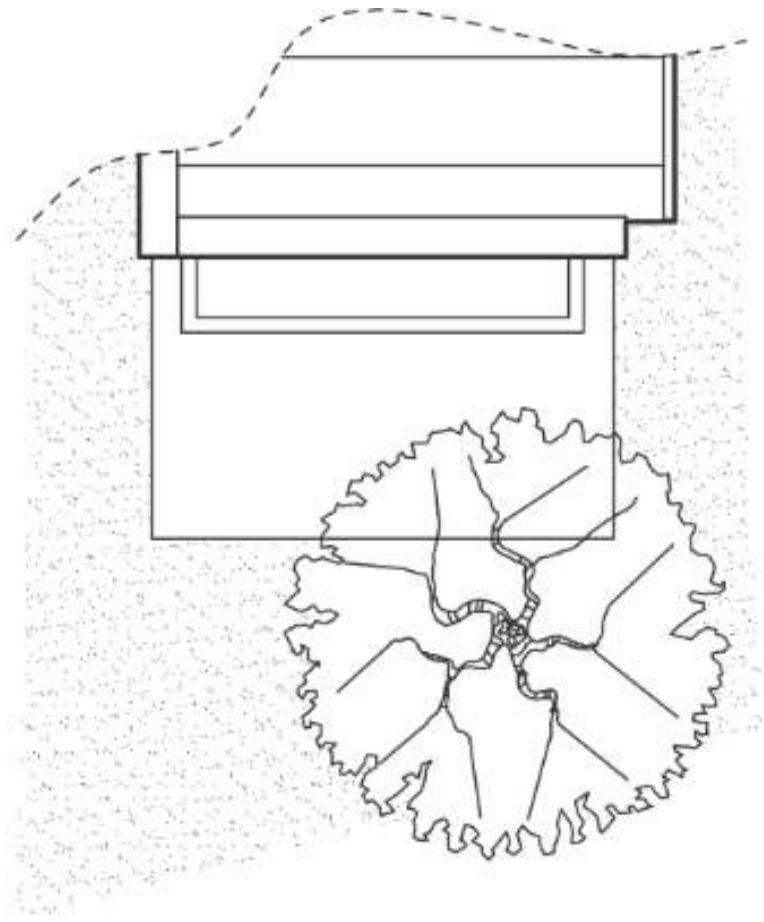
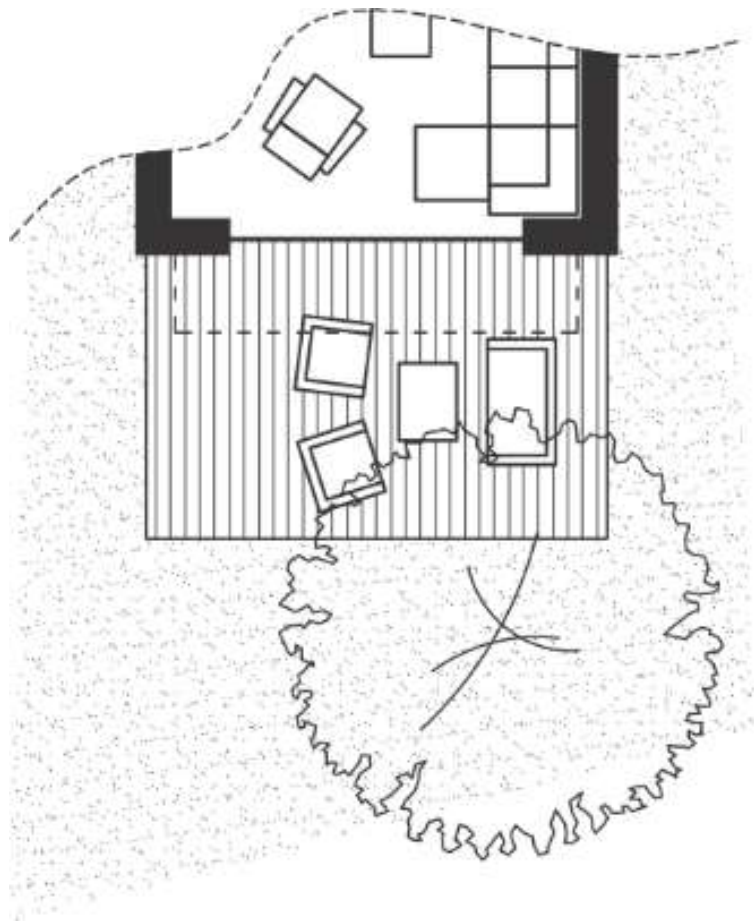
Standard | Dimension | Center | Contour | Multileader | Add Leader | Extract Data | Link Data | Tables | Wipeout | Revision Cloud | Markup | Scale List | Add/Delete Scales | Add Current Scale | Sync Scale Positions | Annotation Scaling

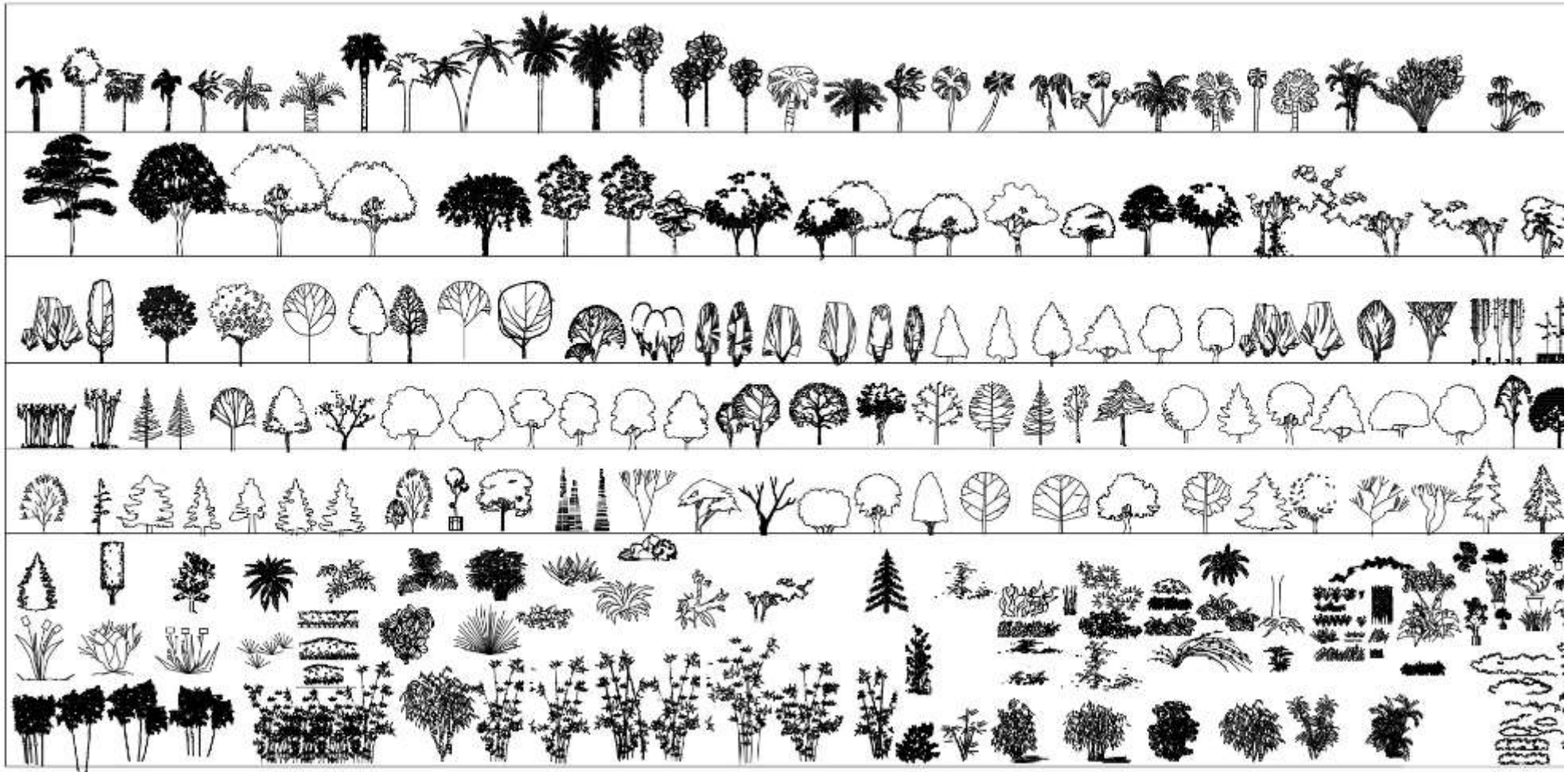


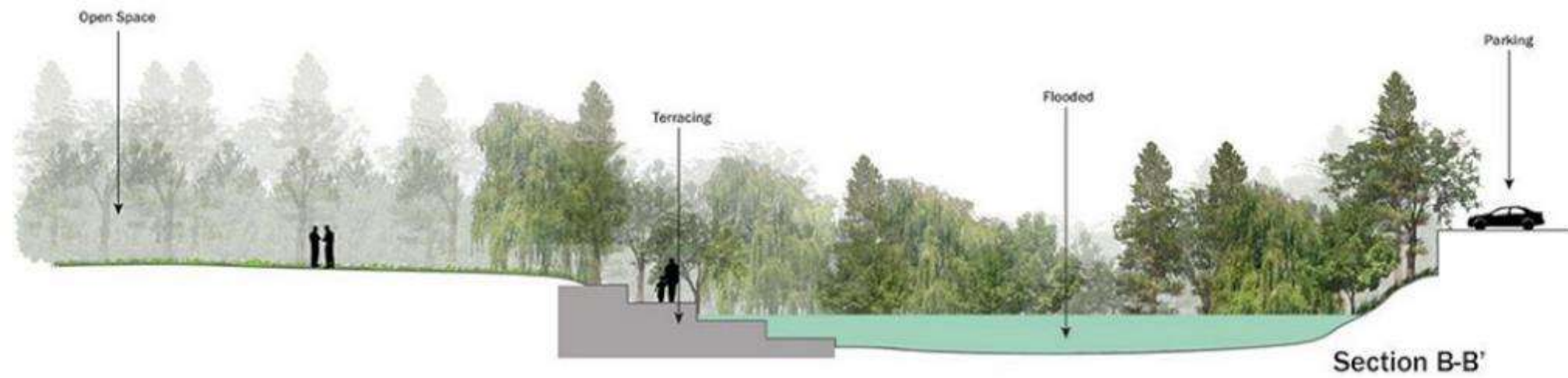










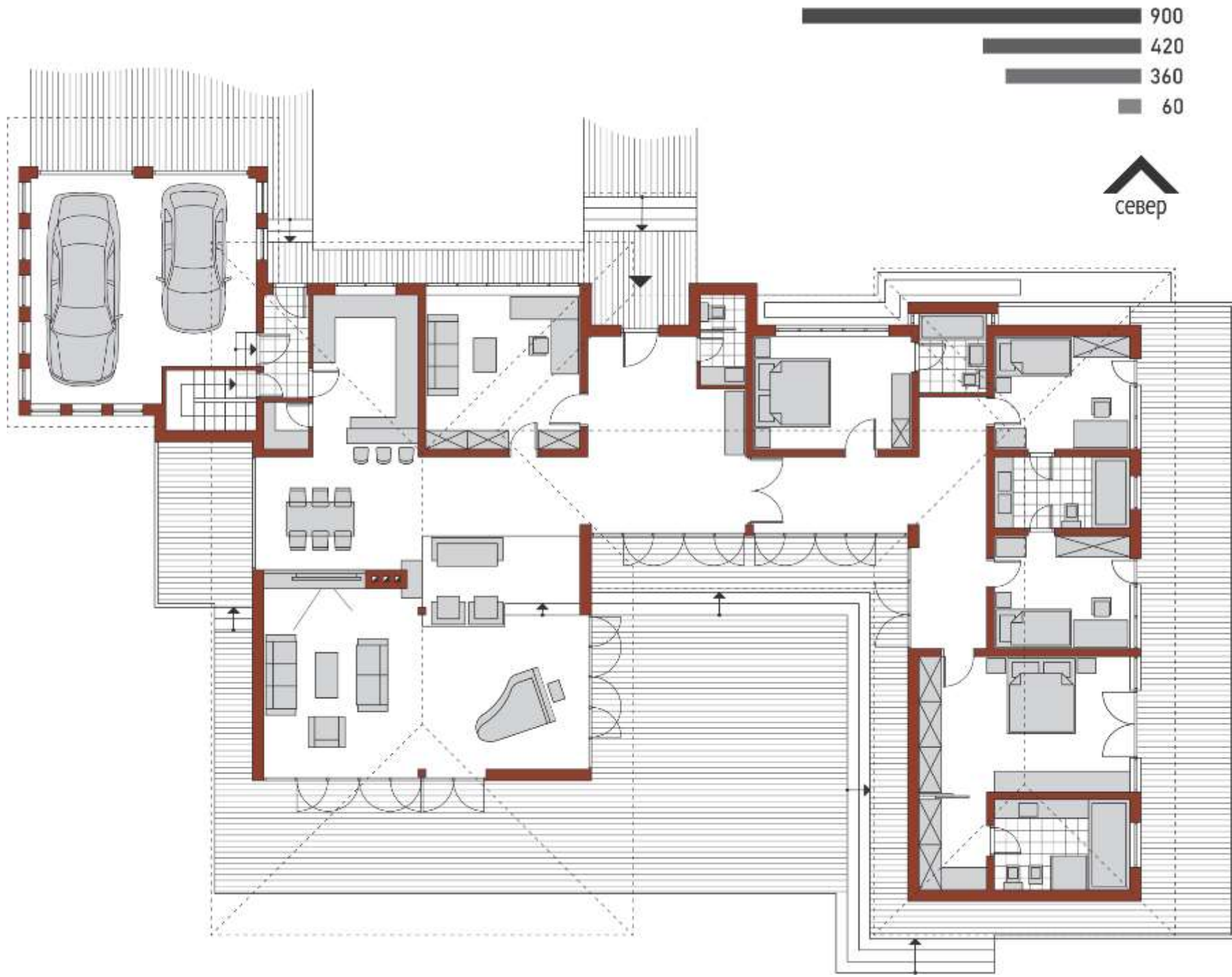




Макета куће, Владан Николић, 1999



Основа куће, Владан Николић, 1999



Фасаде куће, Владан Николић, 1999

