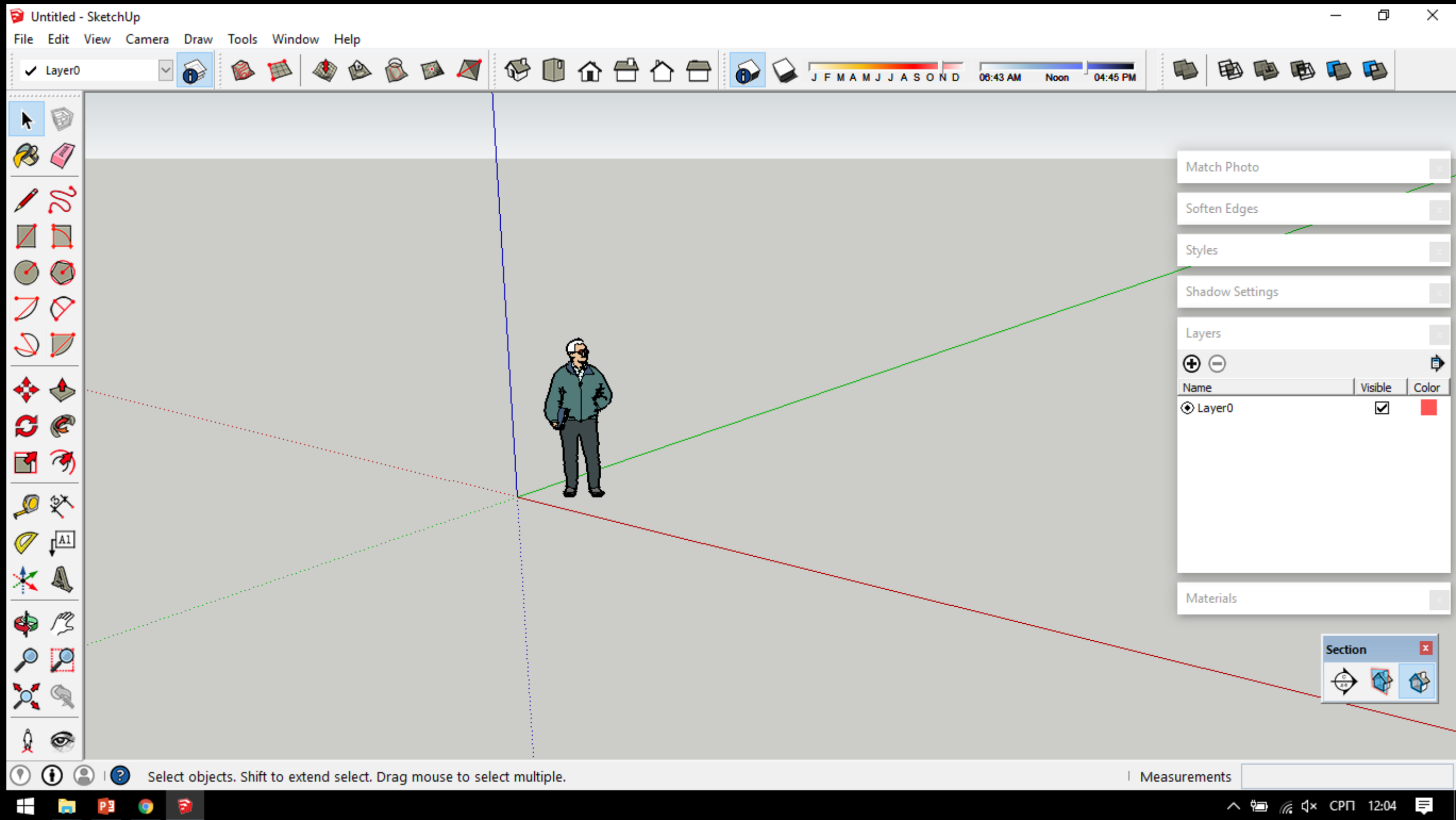
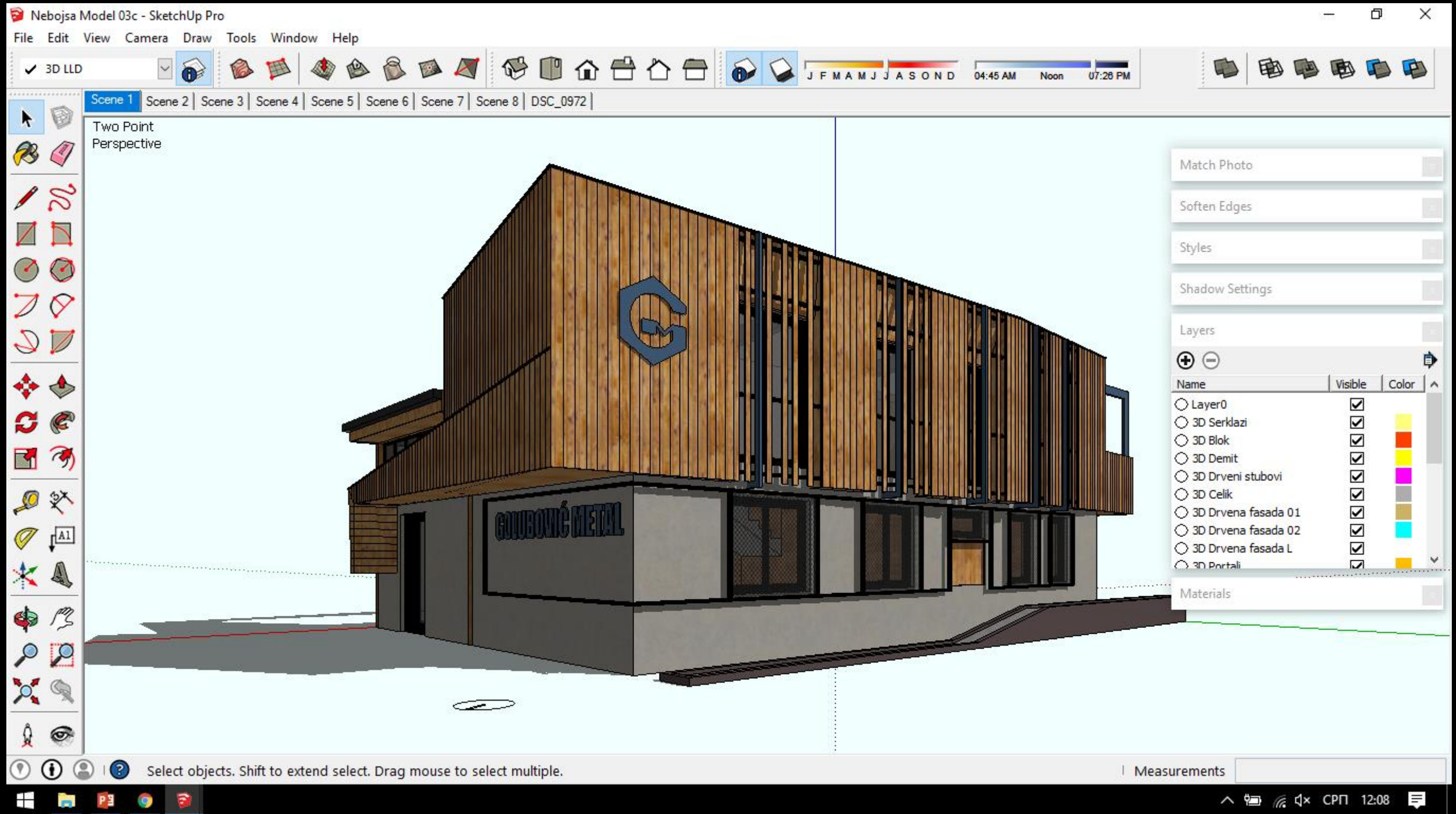




**SketchUp**

- **SketchUp** је софтер за 3Д моделовање са широком применом, у областима архитектуре, дизајна, машинства, филма, развоја видео игара...
- **SketchUp** је развила фирма **@Last Software**, а на тржишту се појавио 2000. године
- Био је замишљен као софтер који омогућити дизајнерима да при раду лако опонашају осећај слободе рада са папиром и оловком у једноставном и елегантном окружењу.
- **Google** је софтвер купио 2006. године и креирао везу SketchUp-а и Google Earth-а.
- Компанија **Trimble Navigation** купила је 2012. године софтвер од Google-а и наставила његов даљи развој.

















# Моделовање у SketchUp-у екстеријер





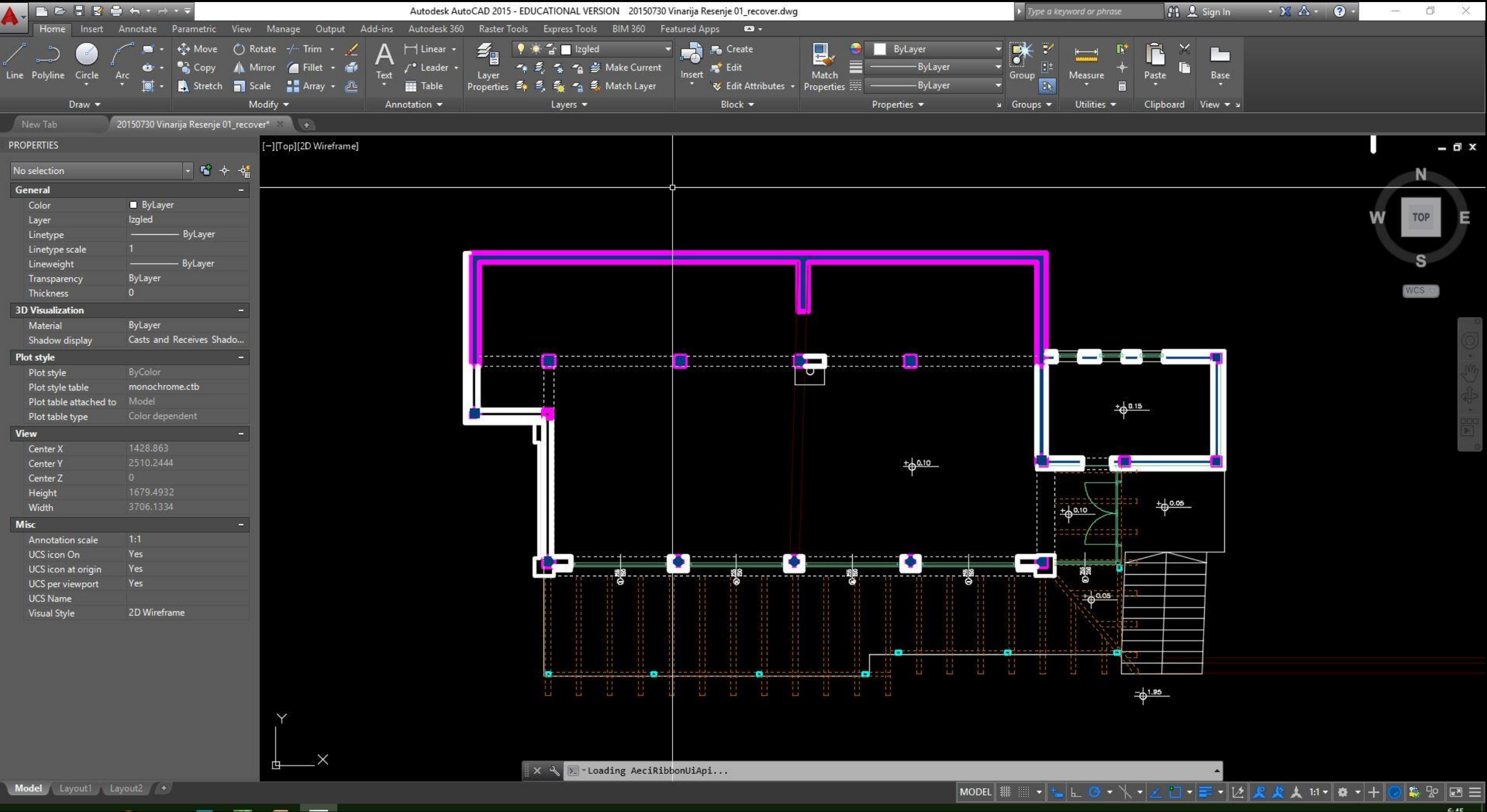


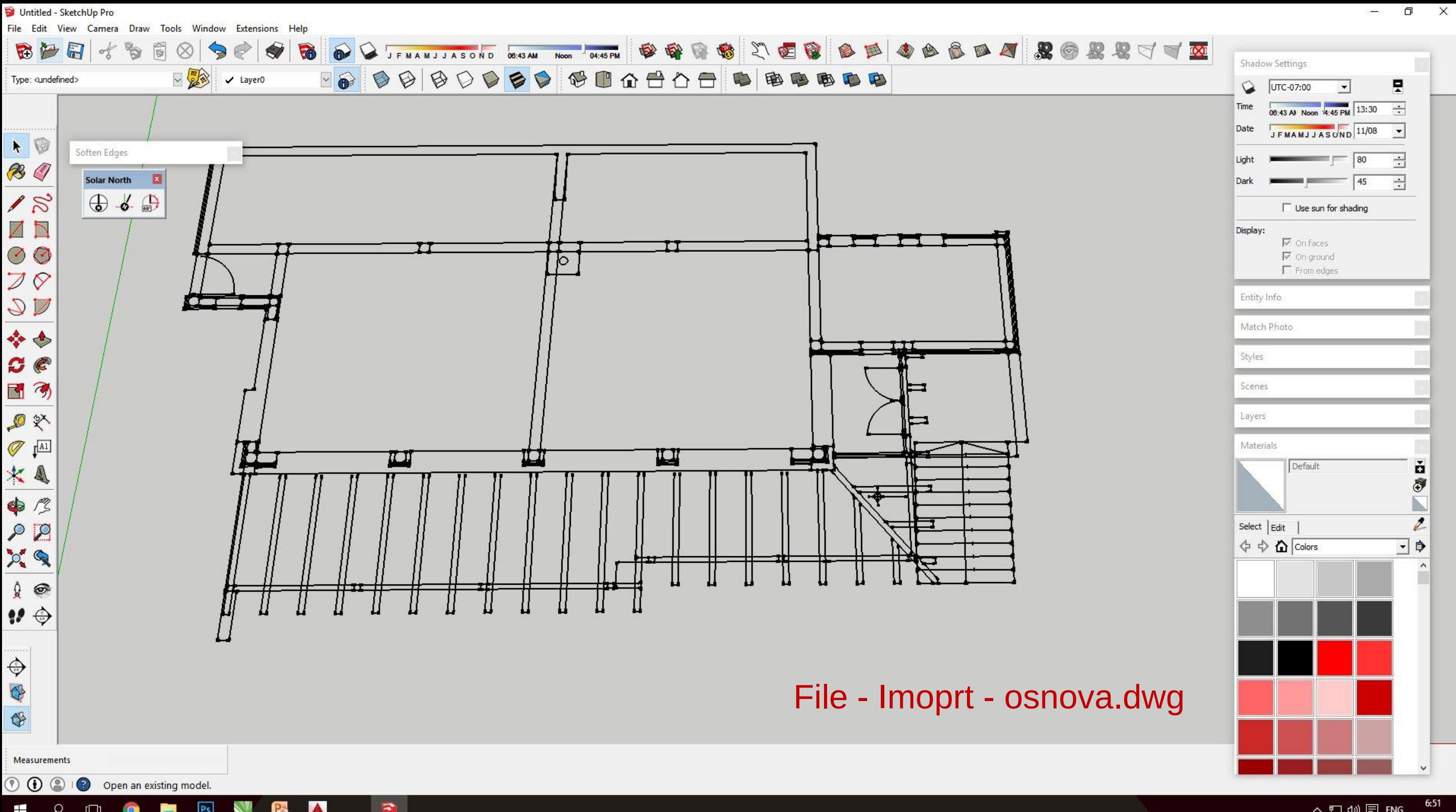


# Моделовање у SketchUp-у

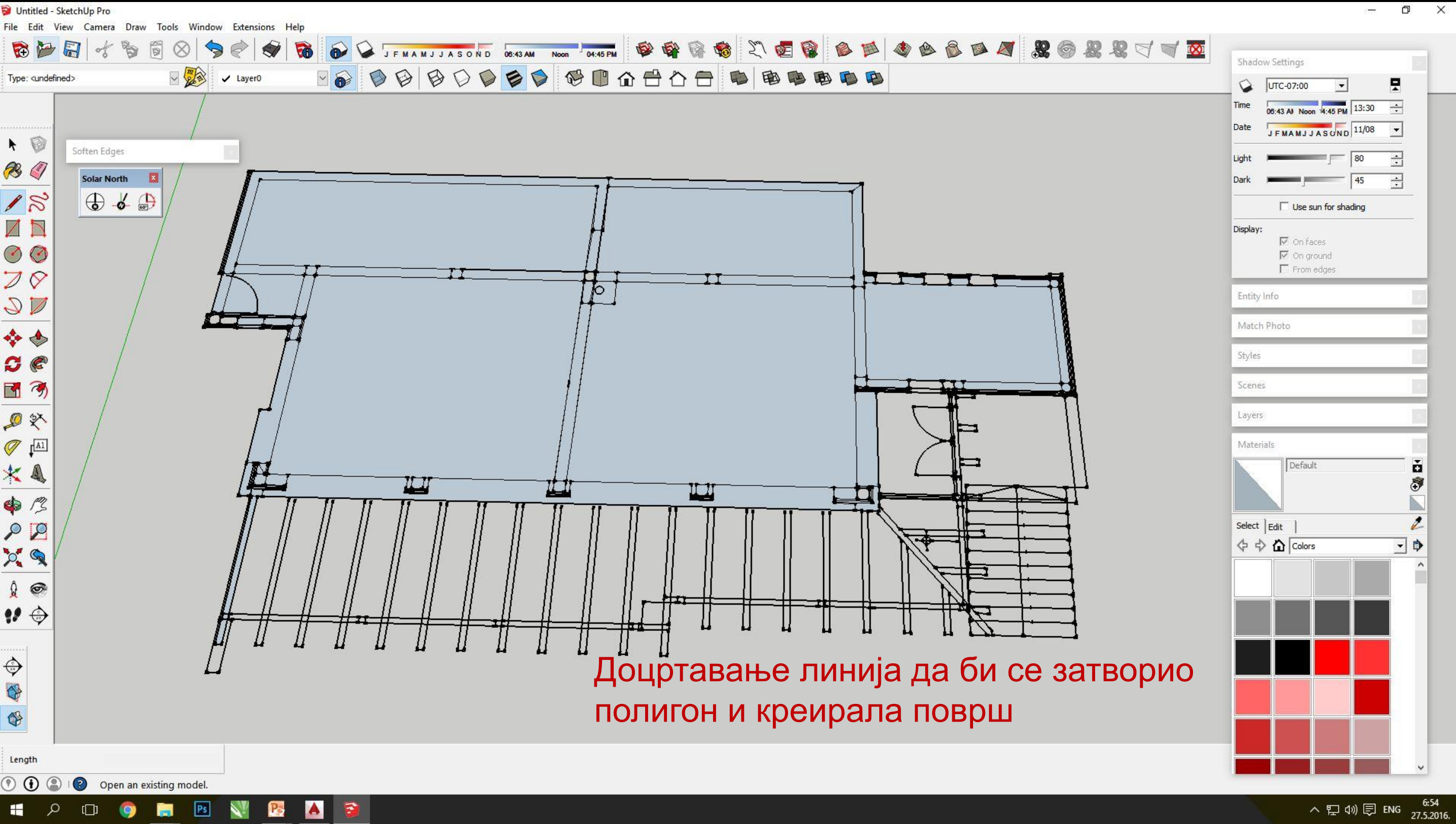
## први начин

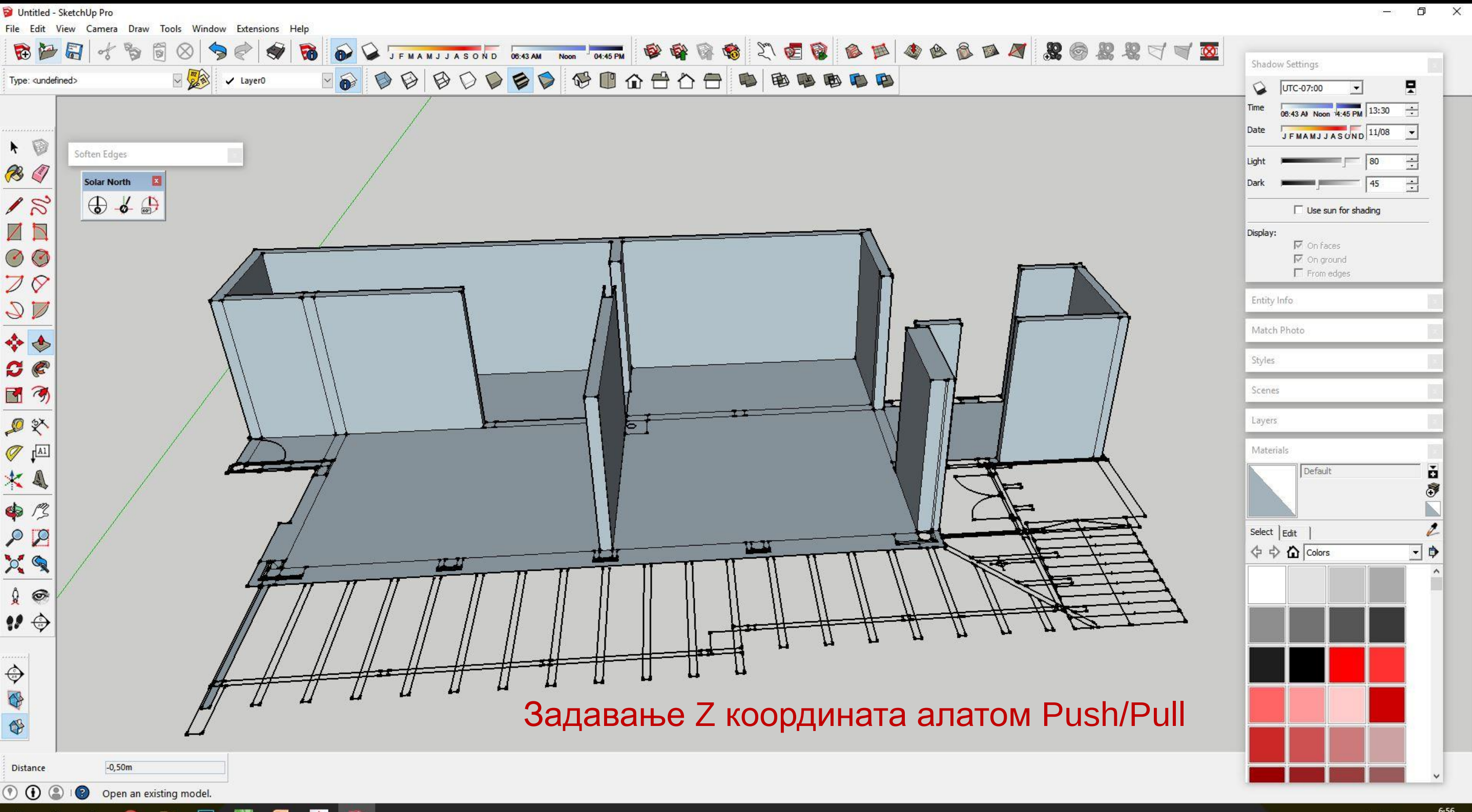




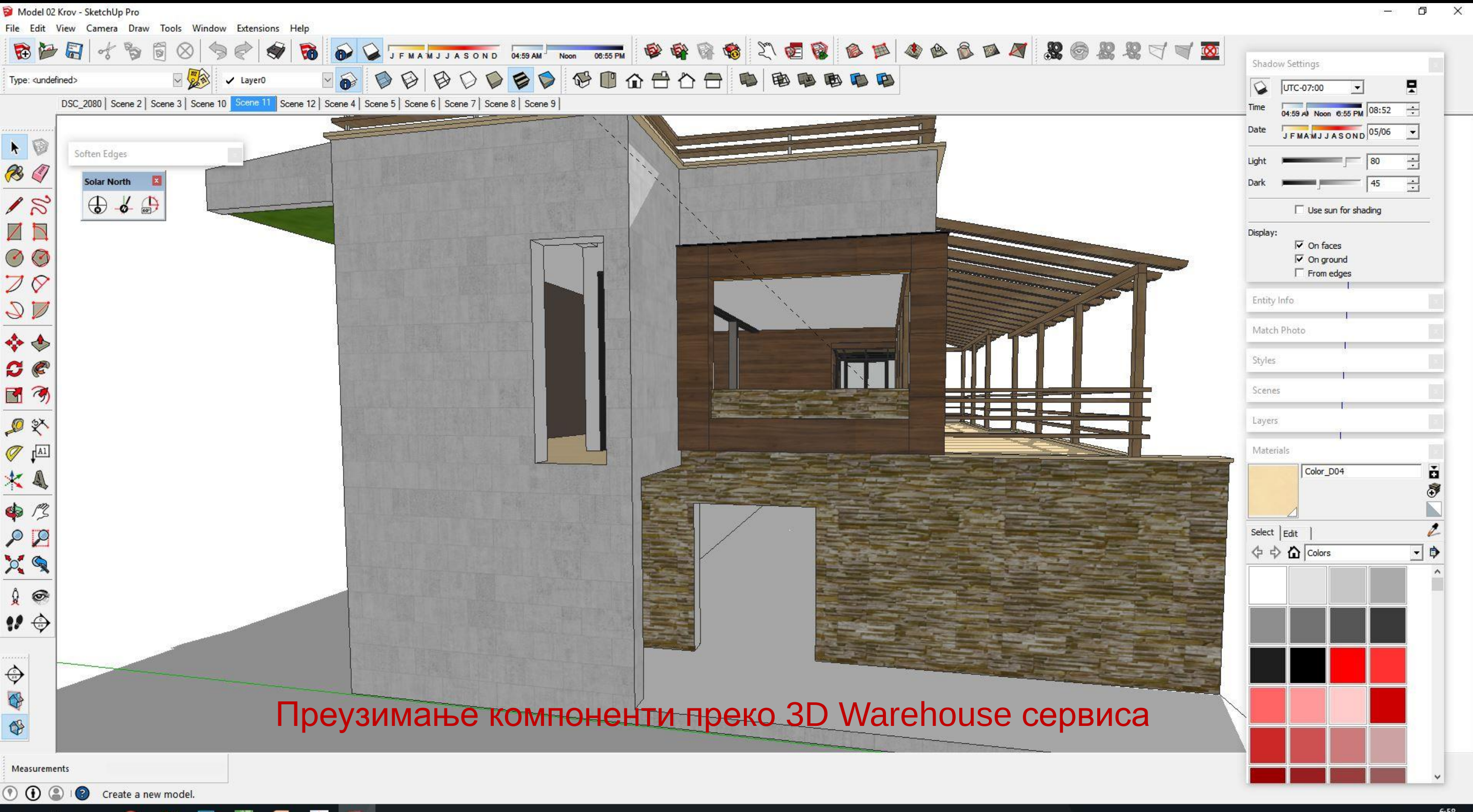




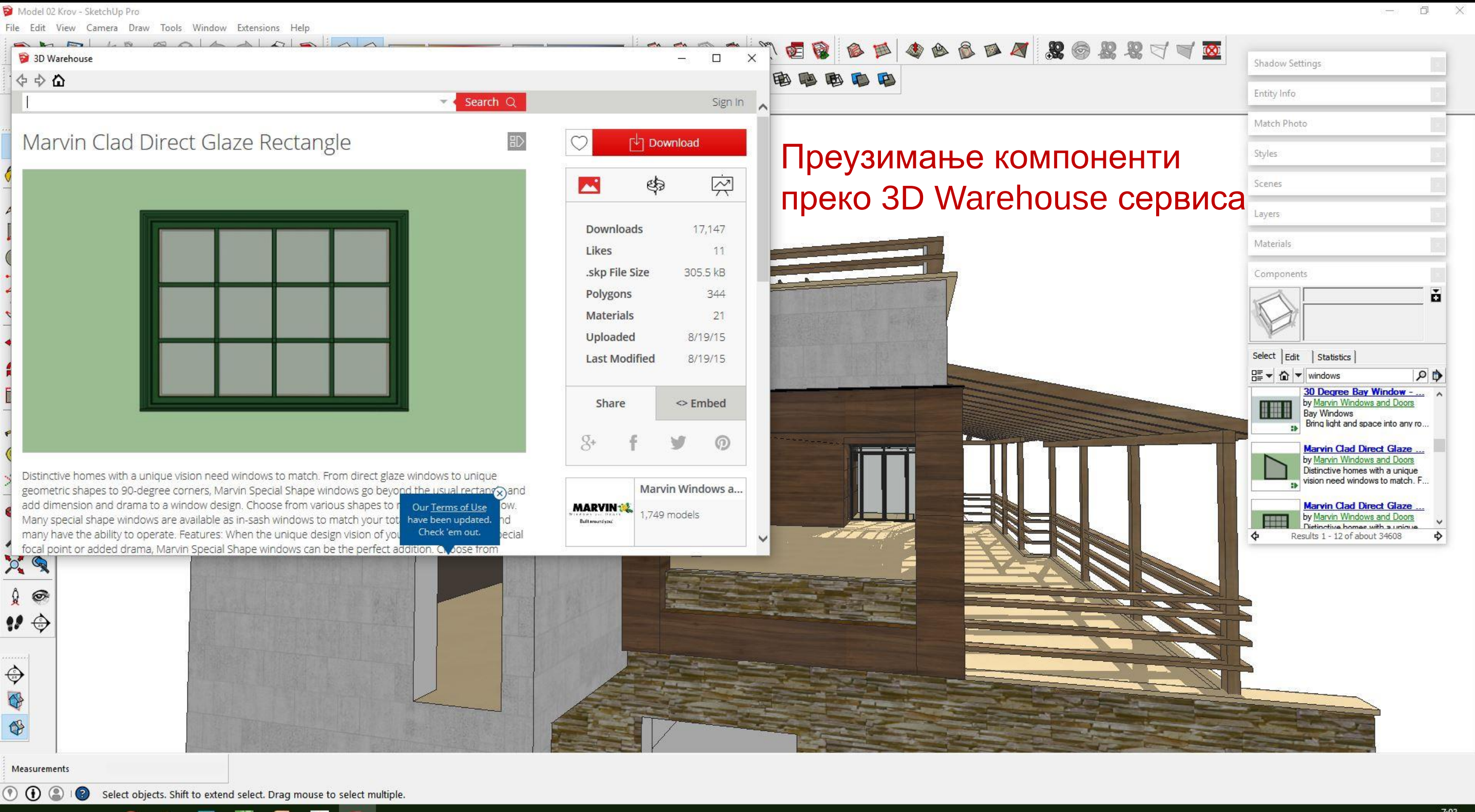








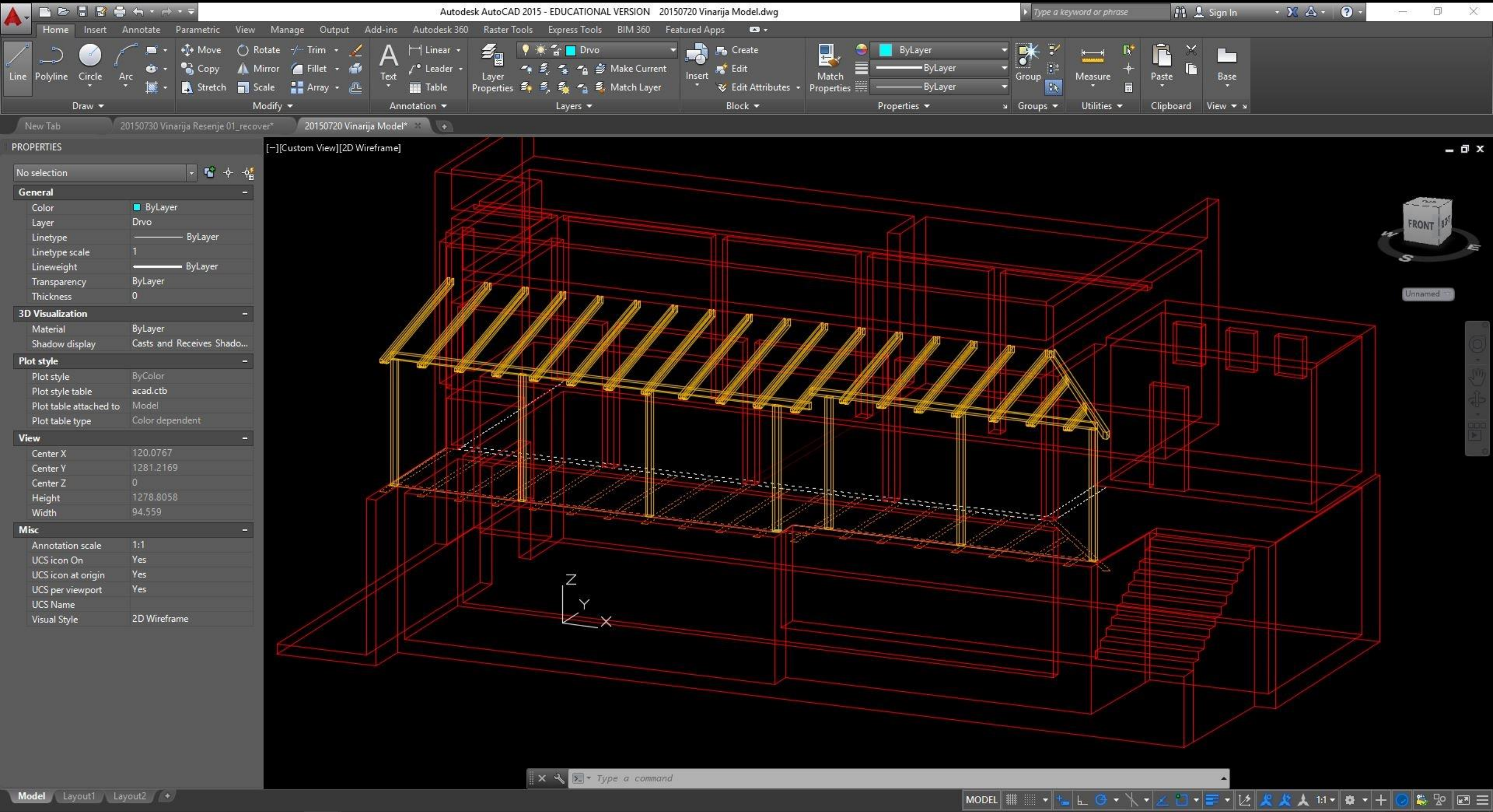




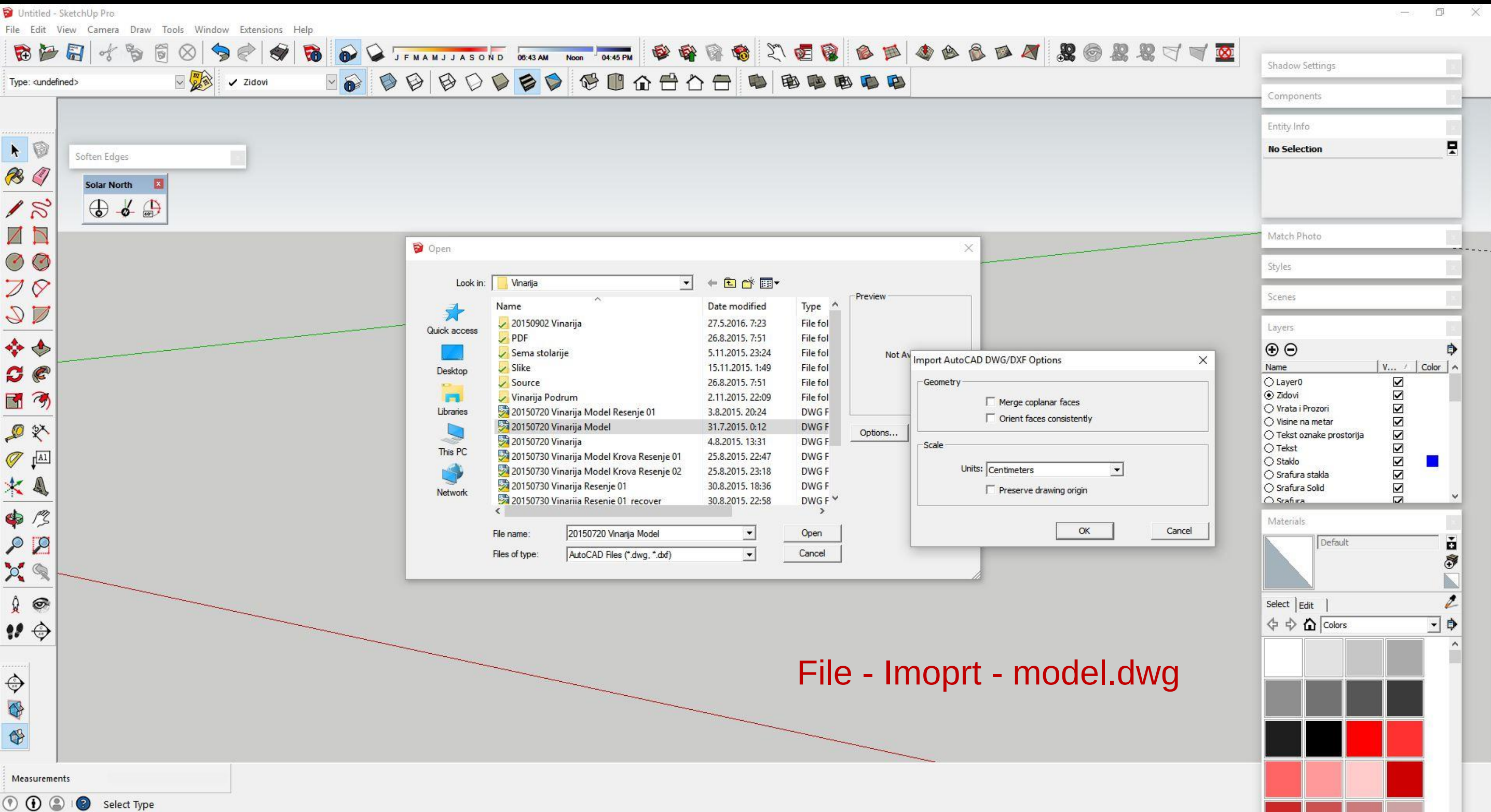


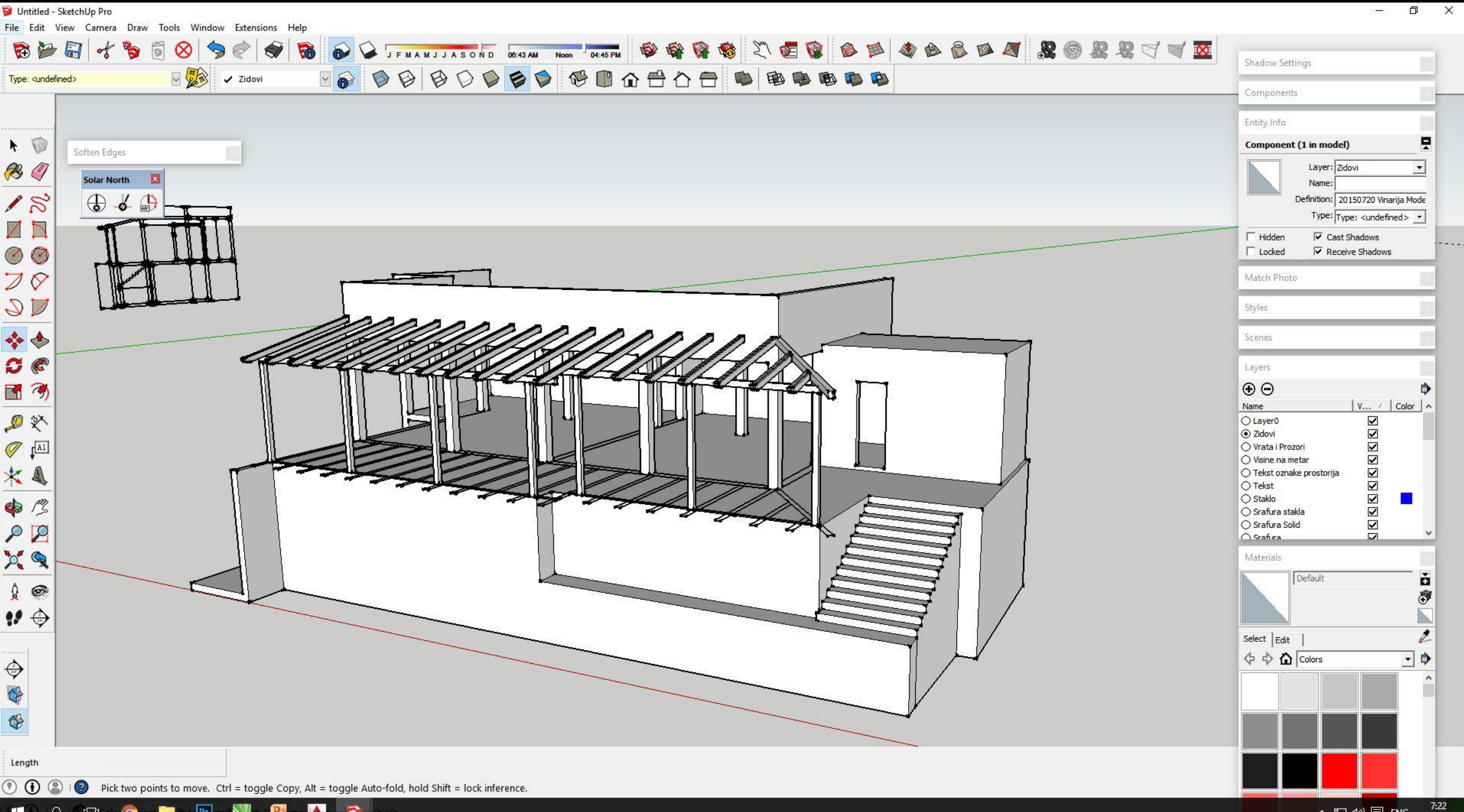


# Моделовање у SketchUp-у други начин











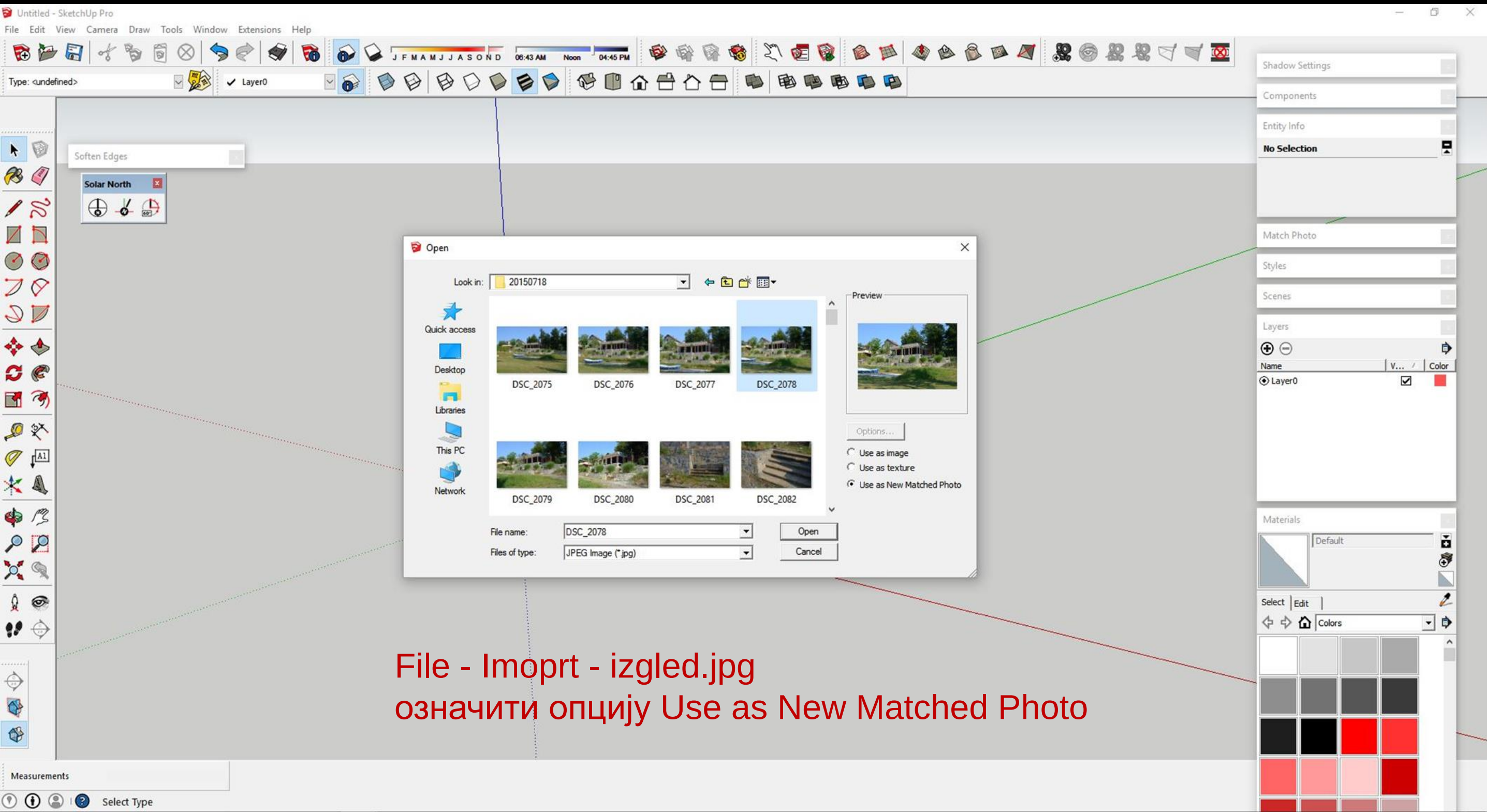


# Моделовање у SketchUp-у трећи начин

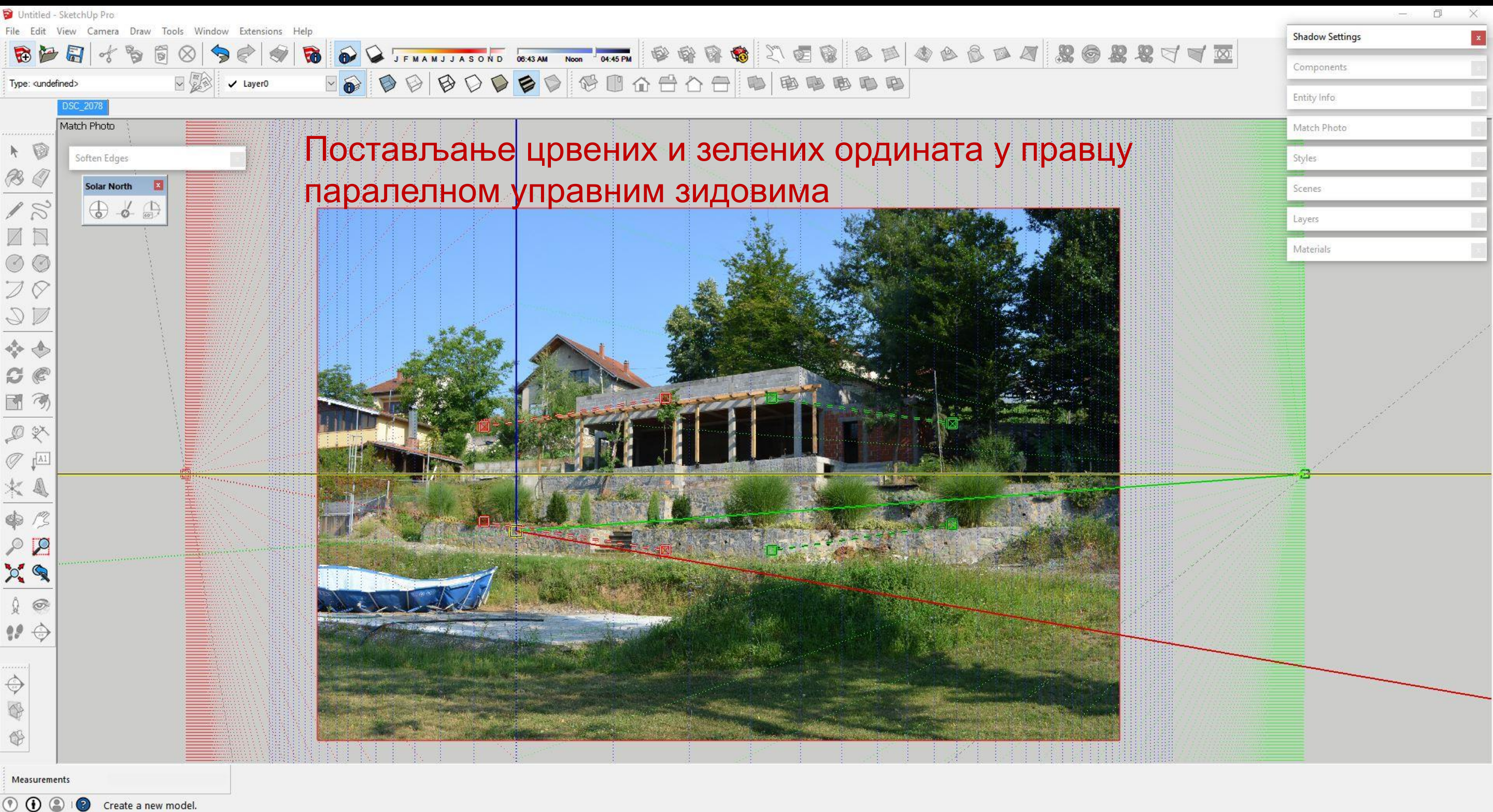




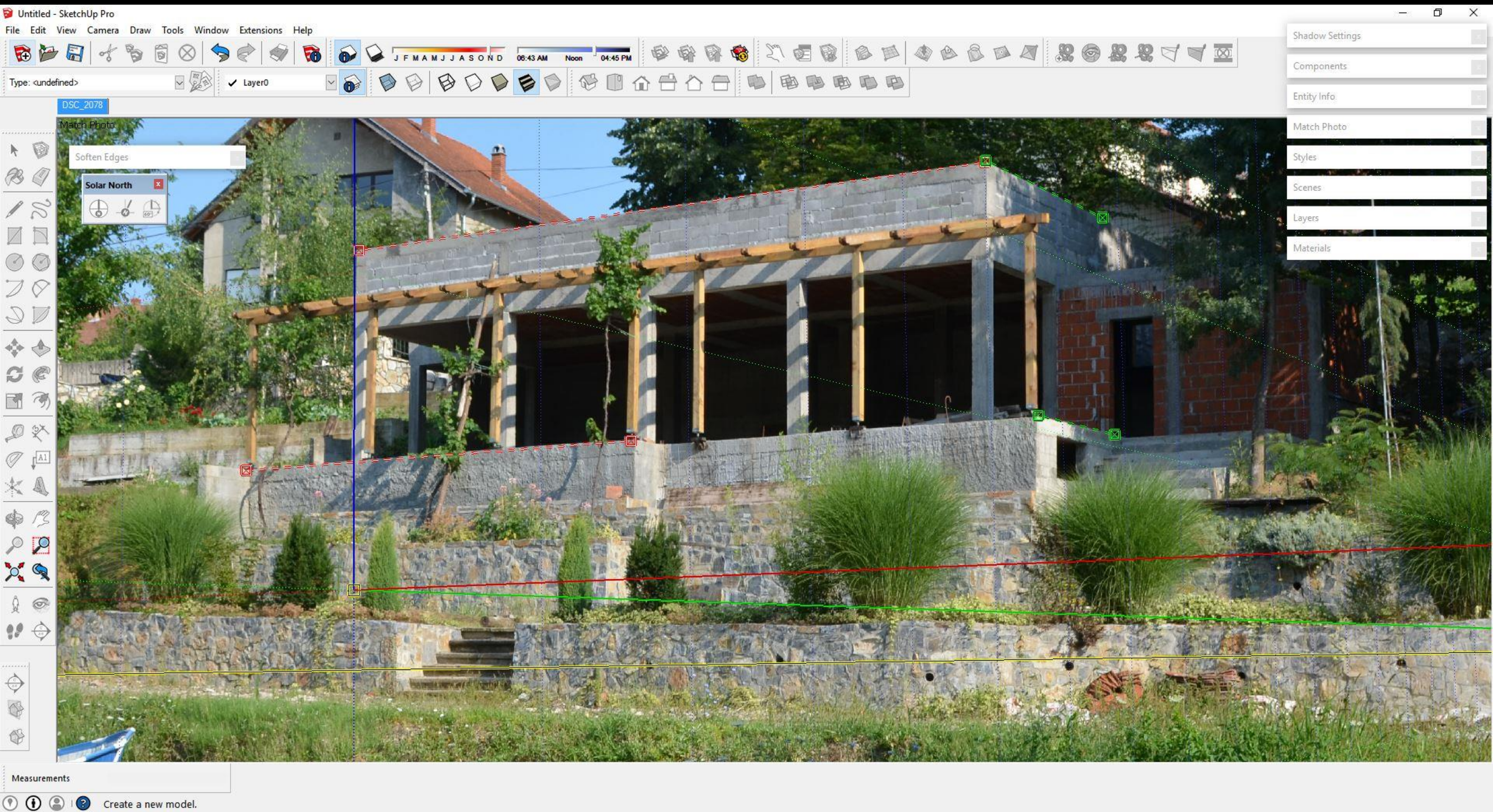




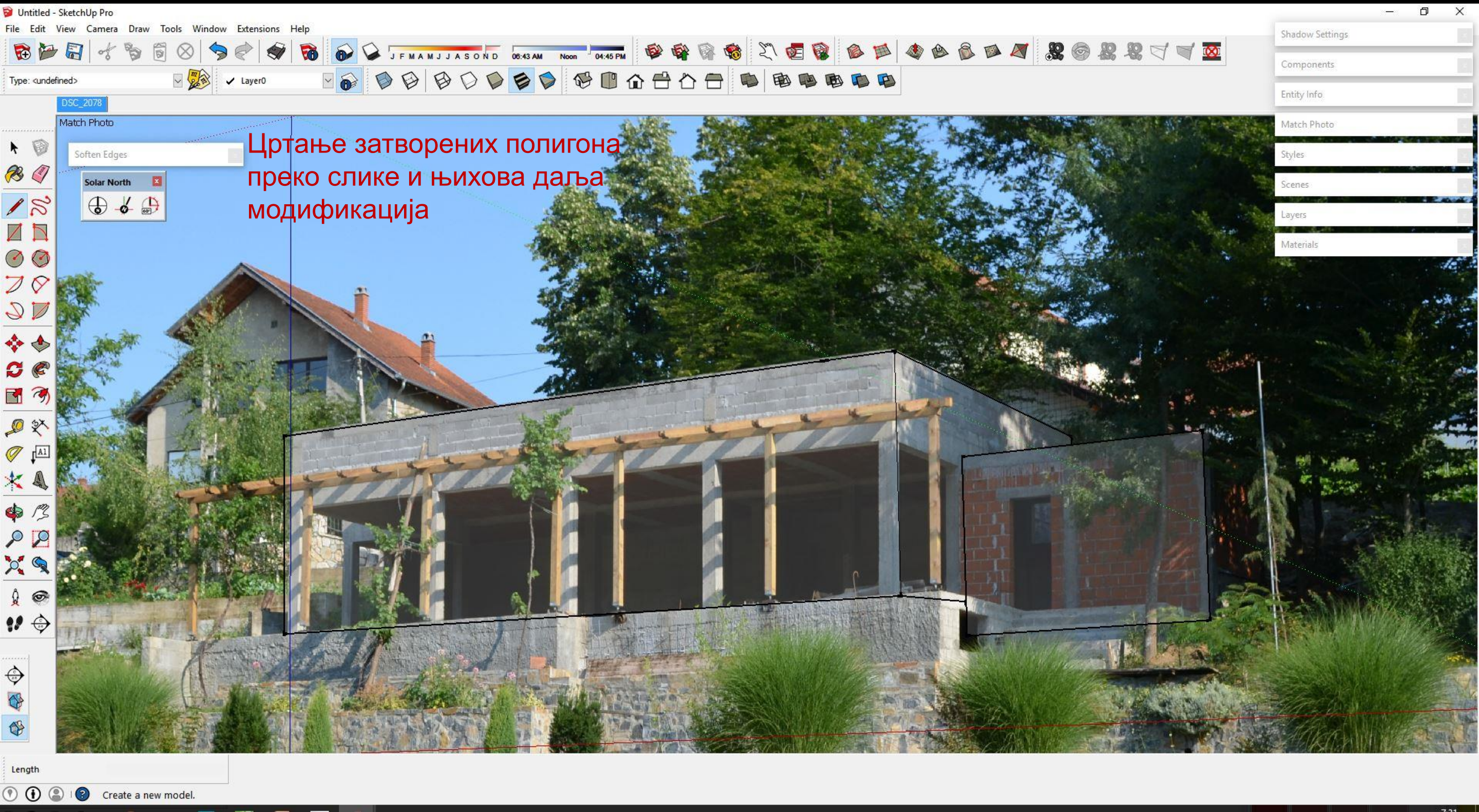




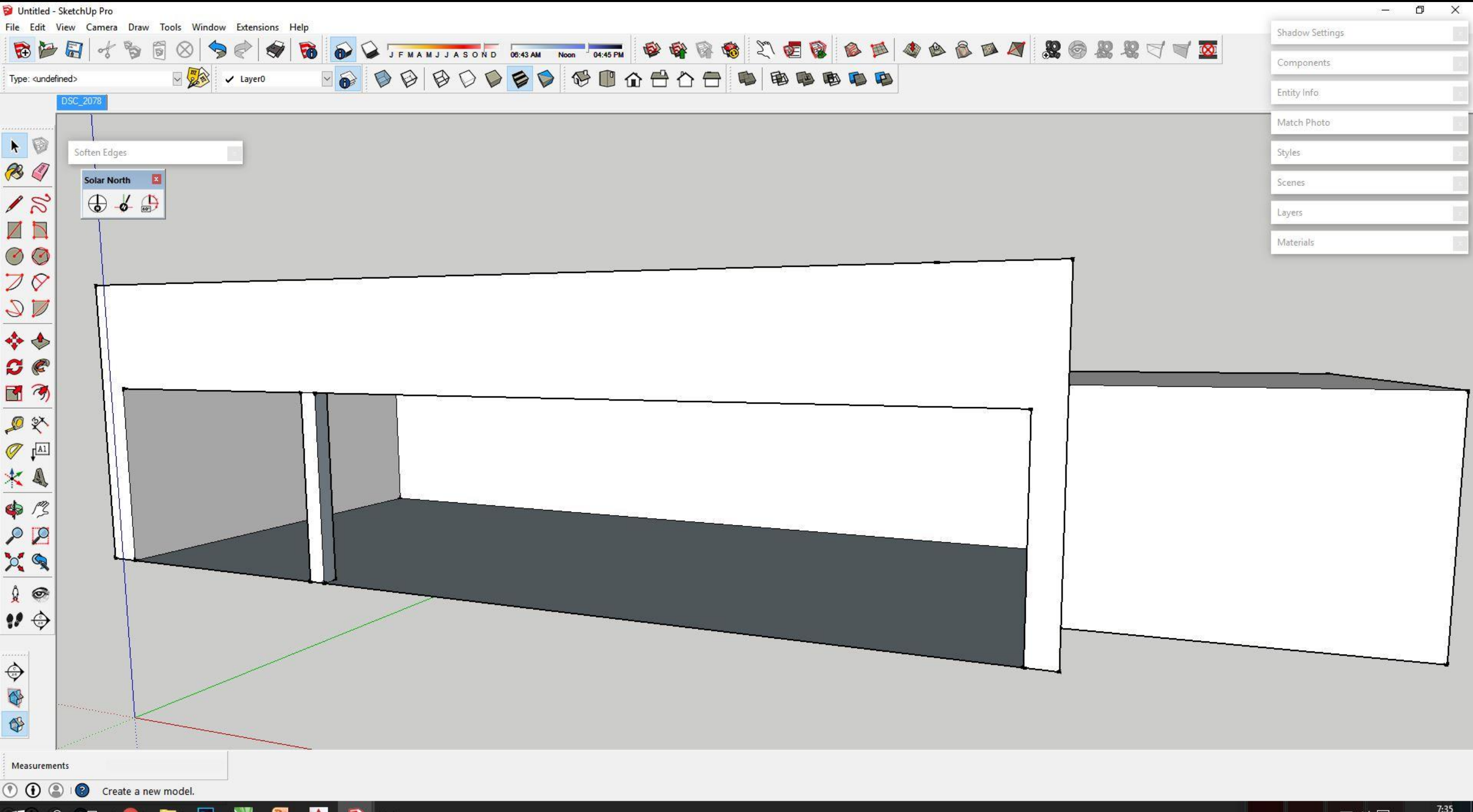










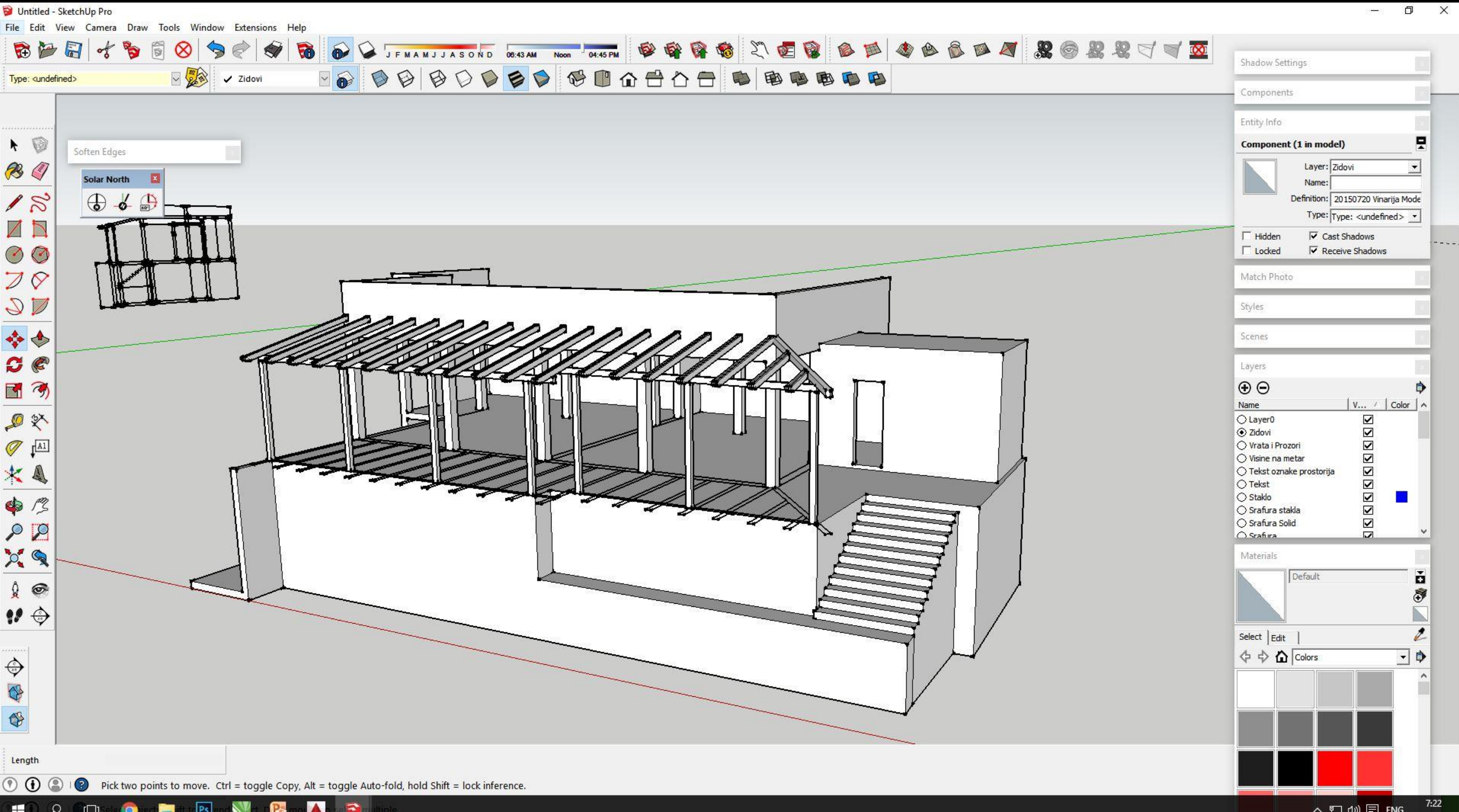




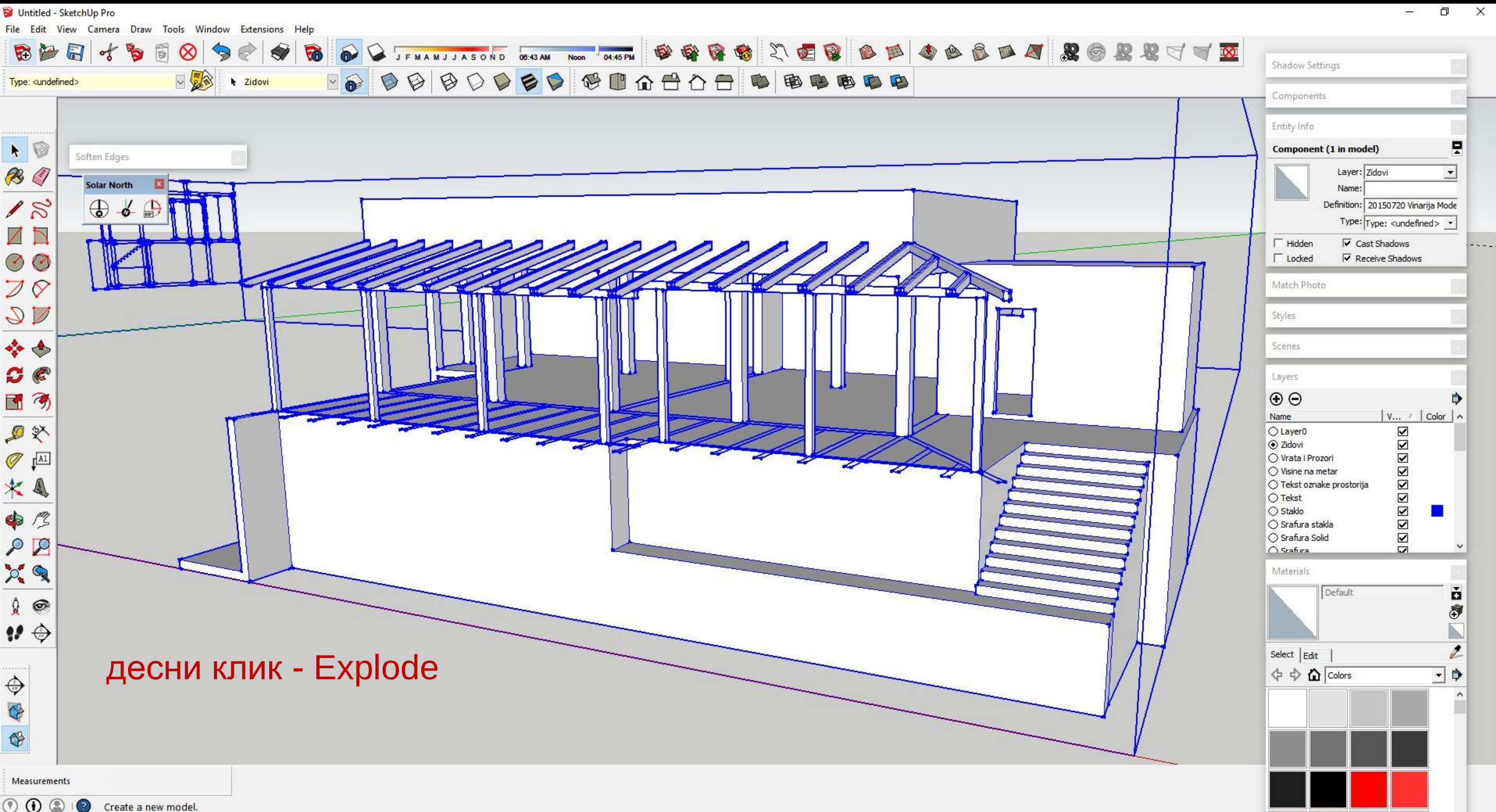


даљи поступци обраде модела

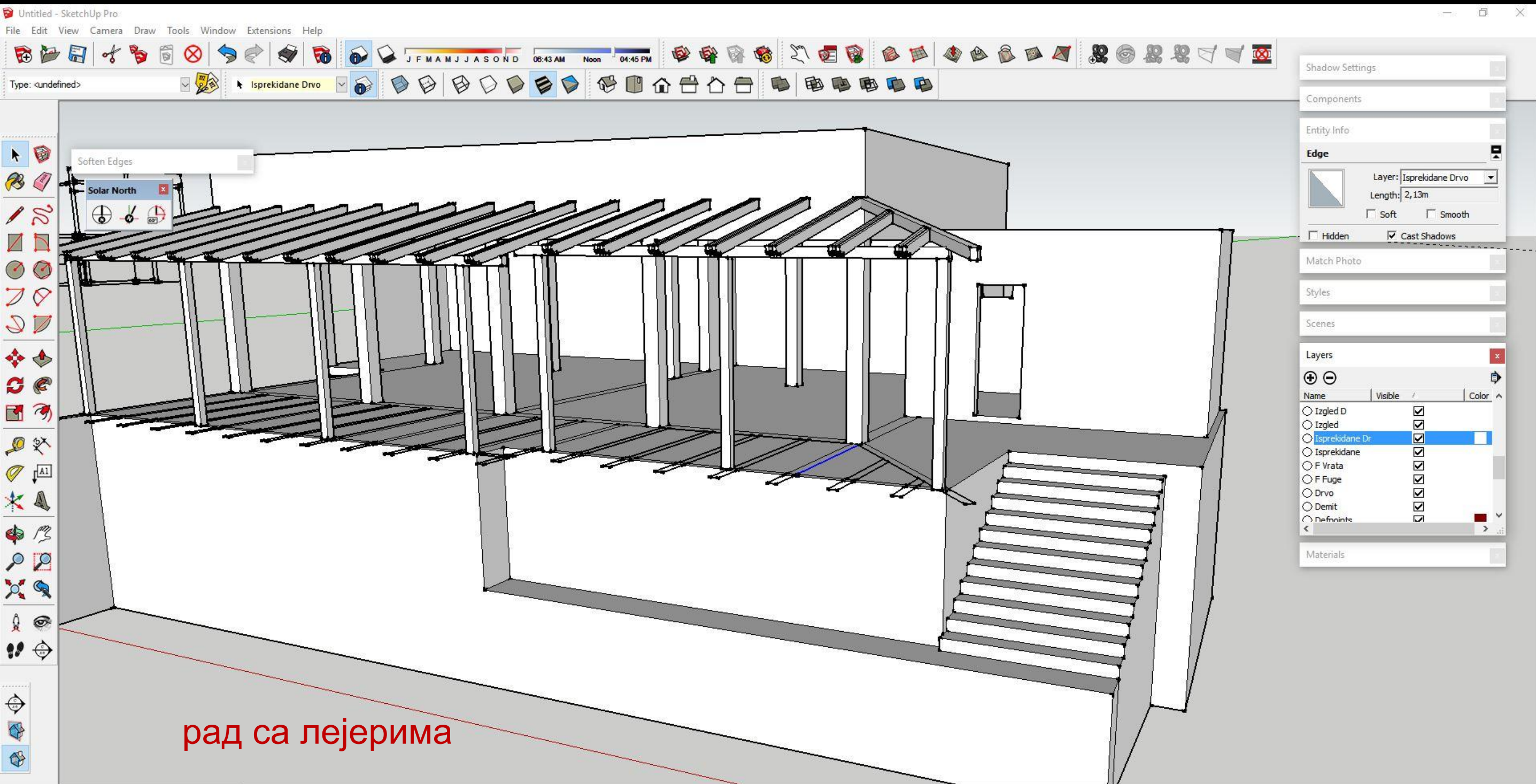




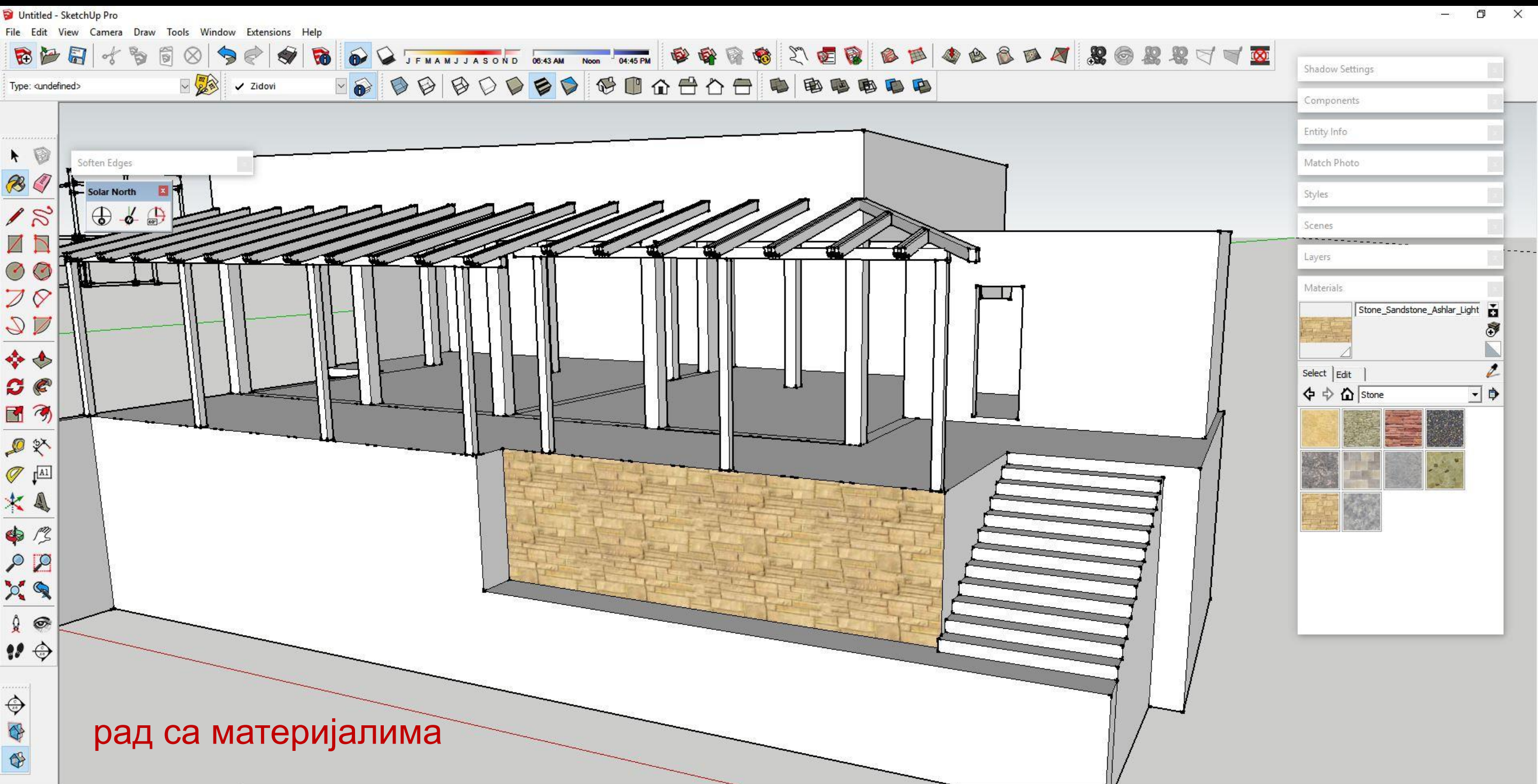






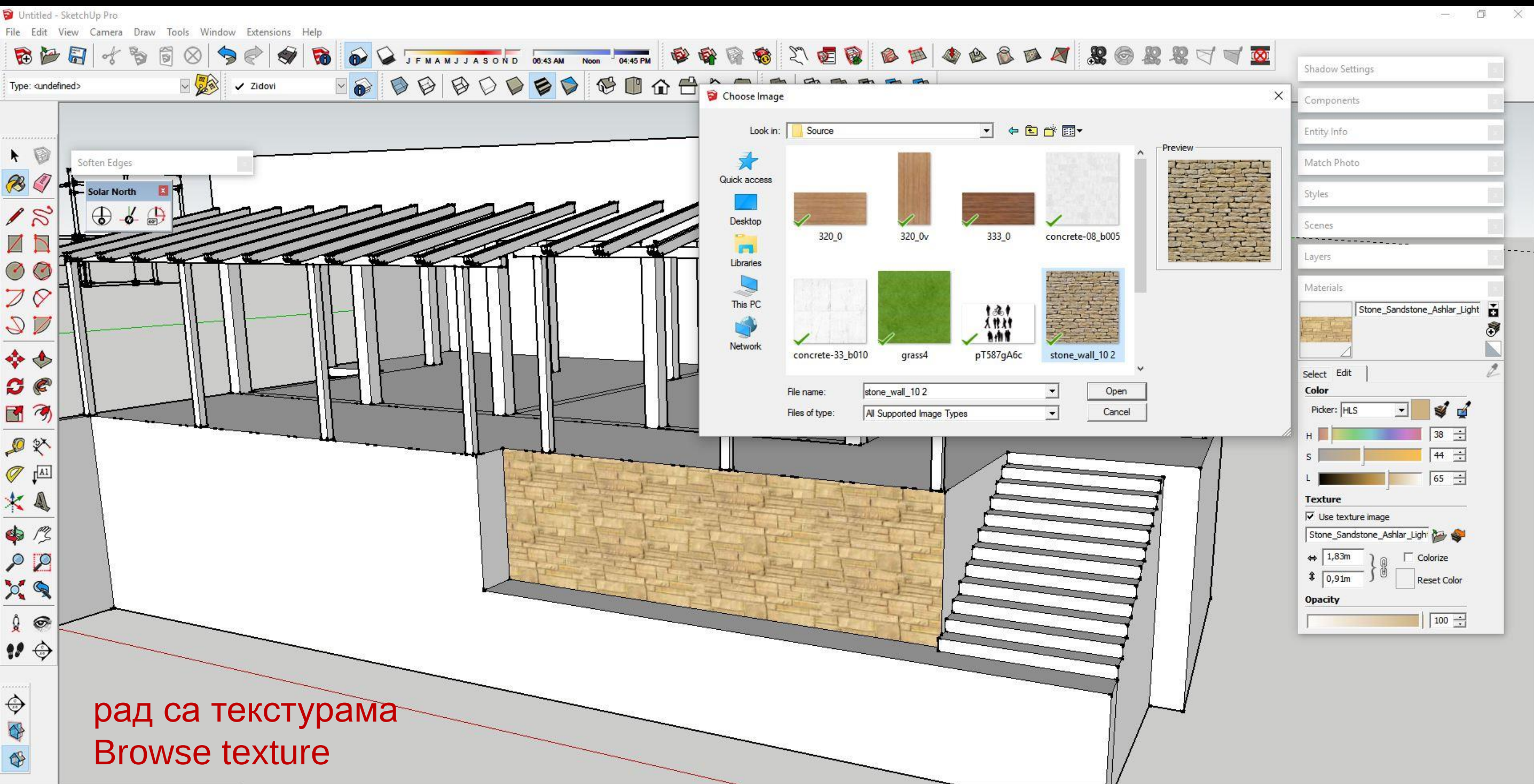




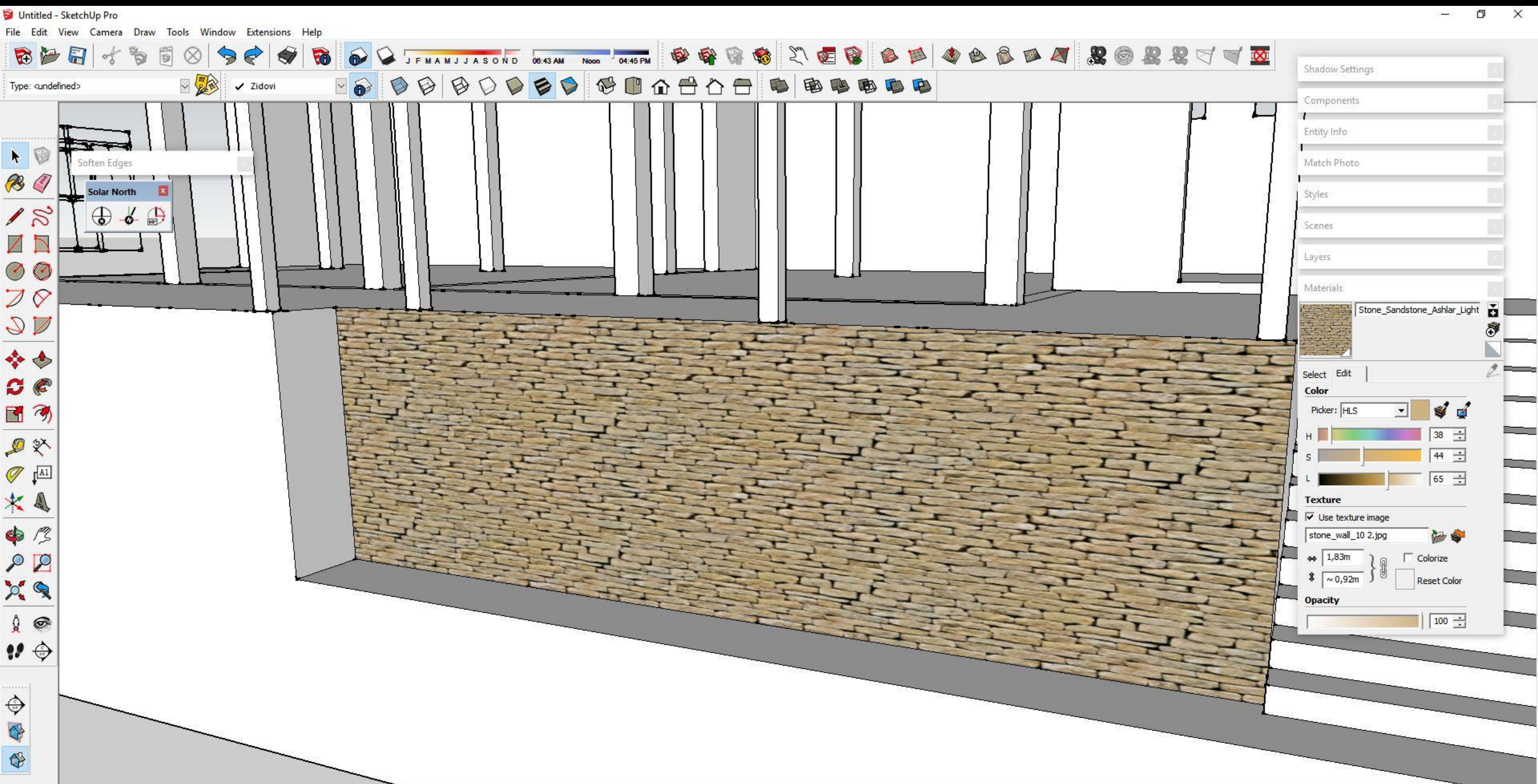


рад са материјалима

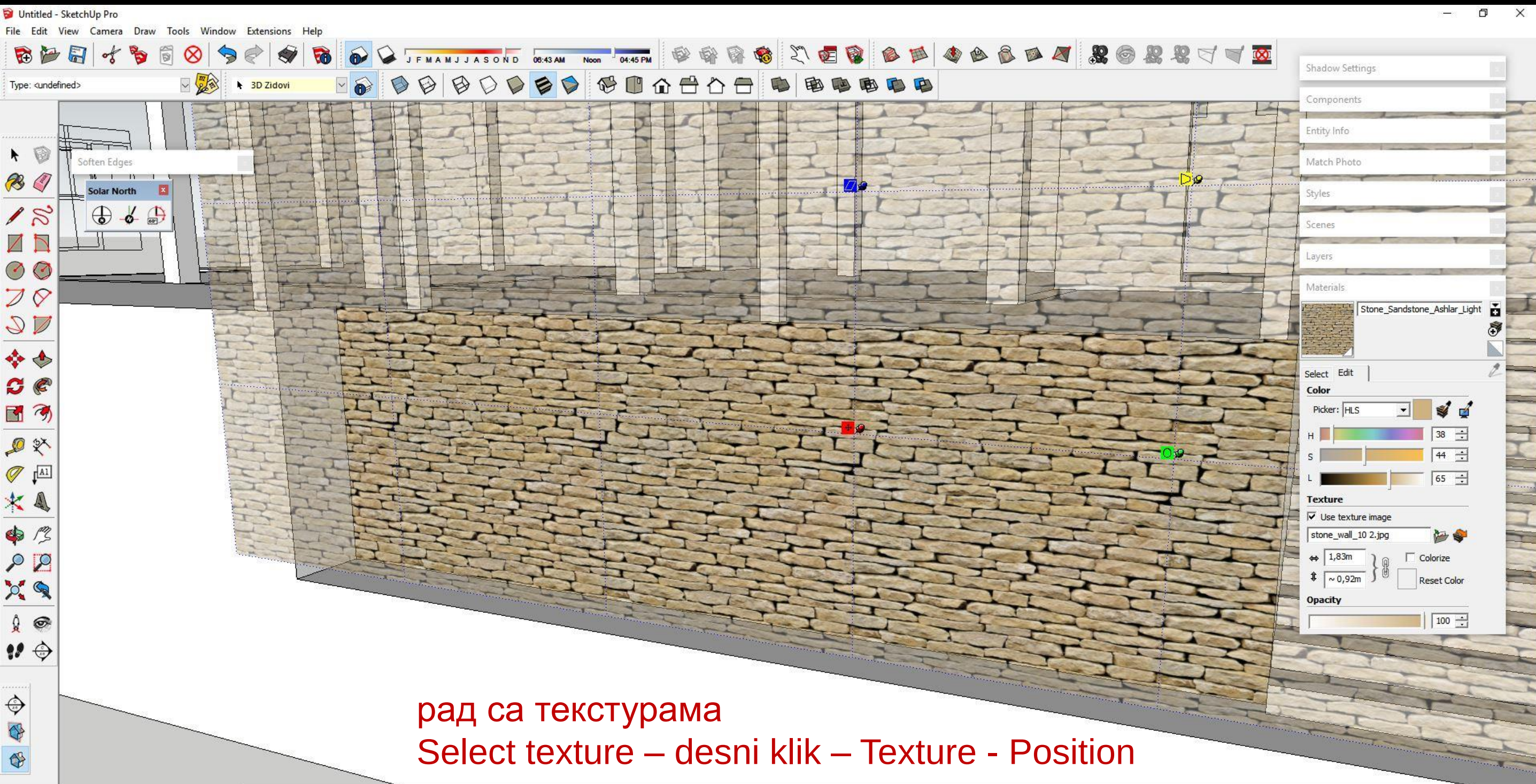






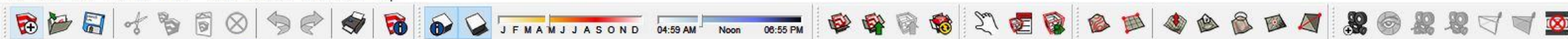






рад са текстурама  
Select texture – desni klik – Texture - Position





Type: &lt;undefined&gt;

✓ Layer0

DSC\_2080 | Scene 2 | Scene 3 | Scene 10 | Scene 11 | Scene 12 | Scene 4 | Scene 5 | Scene 6 | Scene 7 | Scene 8 | Scene 9

Soften Edges

Solar North



Shadow Settings

Entity Info

Match Photo

Styles

Scenes

Layers

Materials

Kameni zid 02

Select Edit

Color

Picker: HLS

H 38  
S 15  
L 64

Texture

☒ Use texture image

stone\_wall\_10 3.jpg

200,00cm  
150,00cm

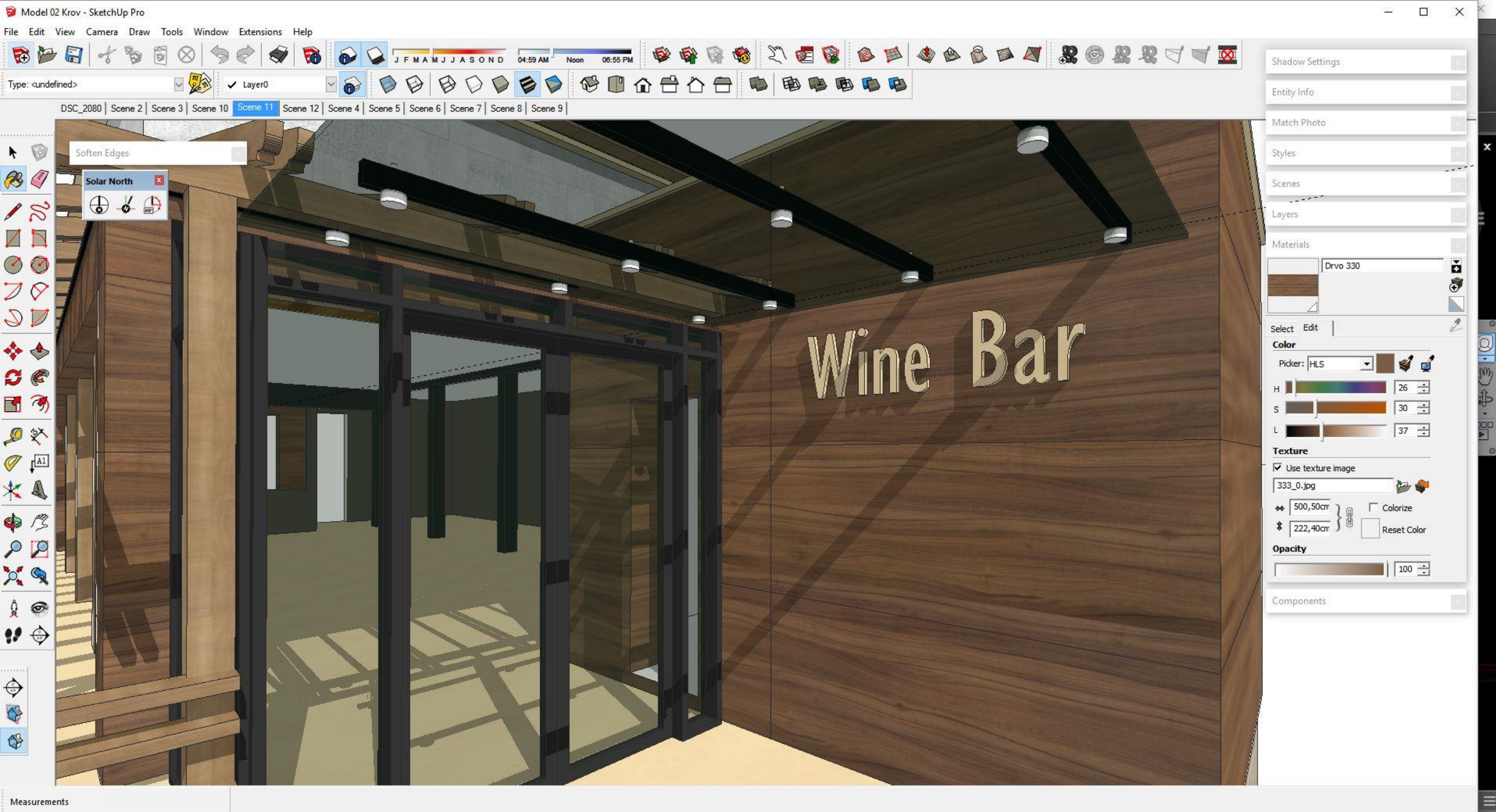
☐ Colorize  
☐ Reset Color

Opacity

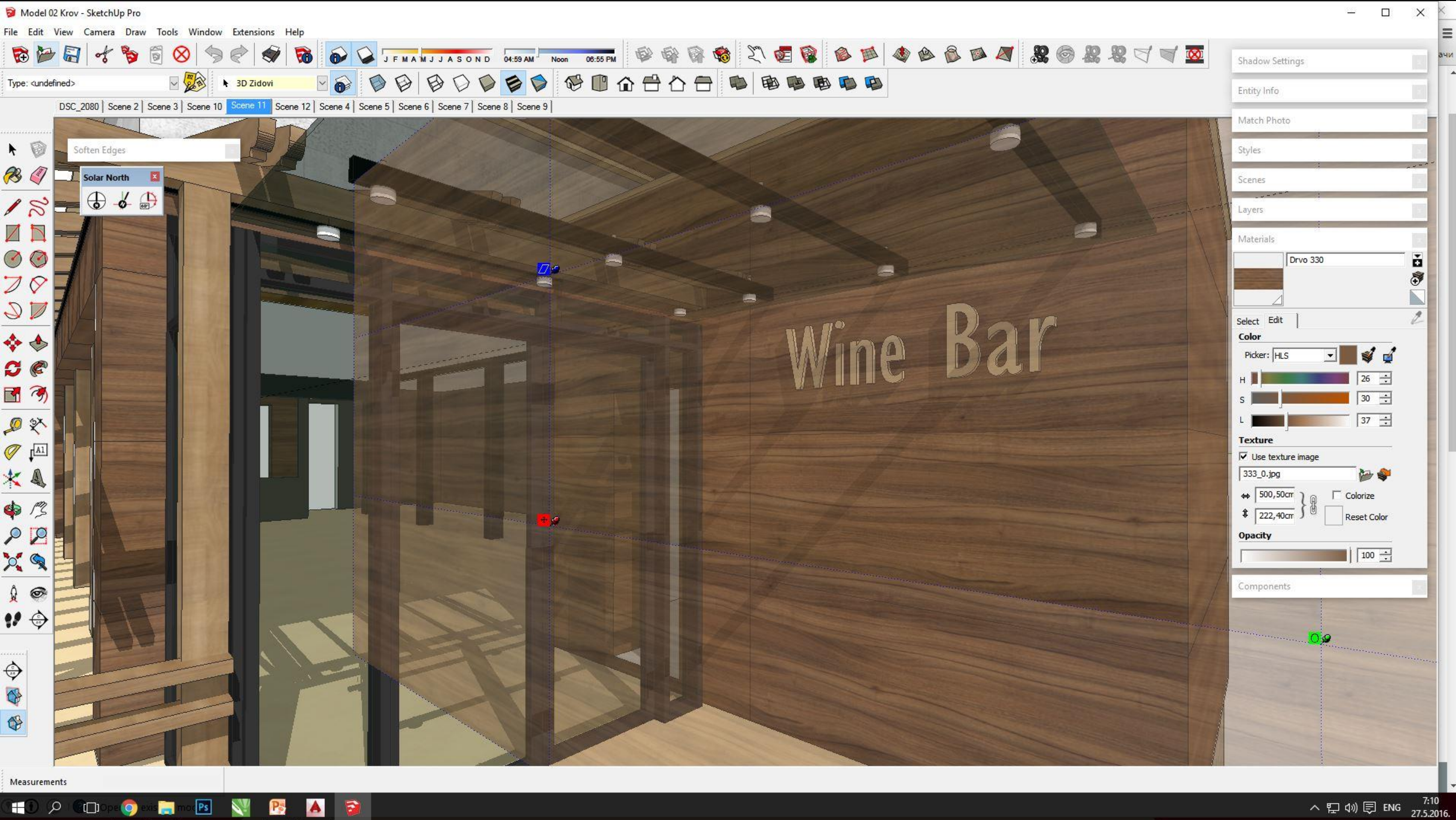
100

Components













Type: <undefined>

3D Zidovi

DSC\_2080 Scene 2 Scene 3 Scene 10 Scene 11 Scene 12 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8 Scene 9

Soften Edges

Solar North



Shadow Settings

Entity Info

Match Photo

Styles

Scenes

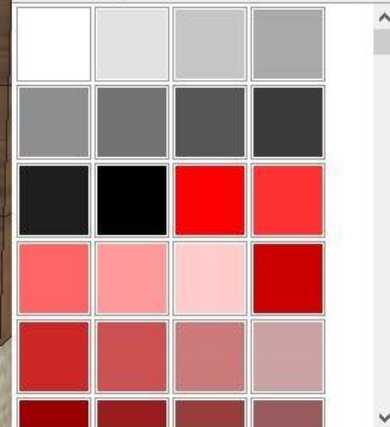
Layers

Materials



Select Edit

Colors



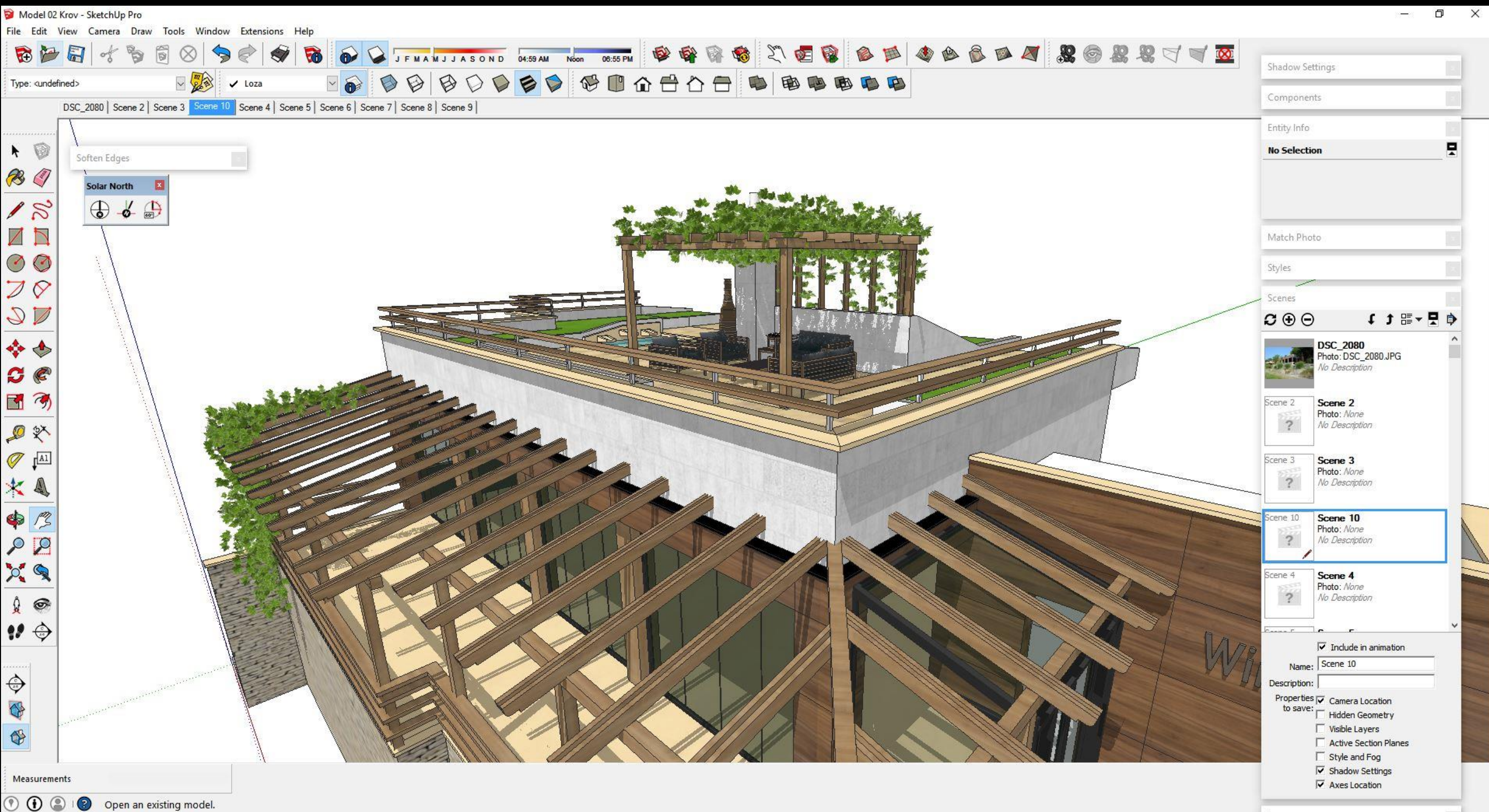
Components





додавање зеленила у 3д модел







# врсте зеленила

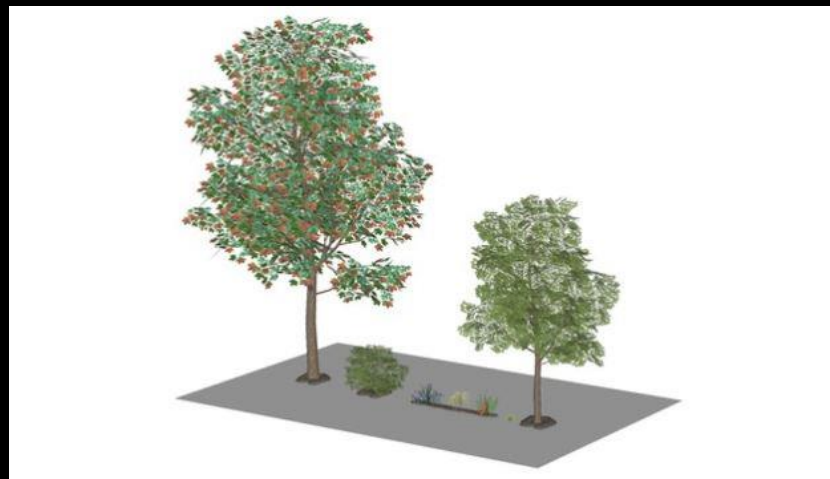
- 2Д зеленило



- 3Д зеленило



- SMART зеленило







рад са сценама





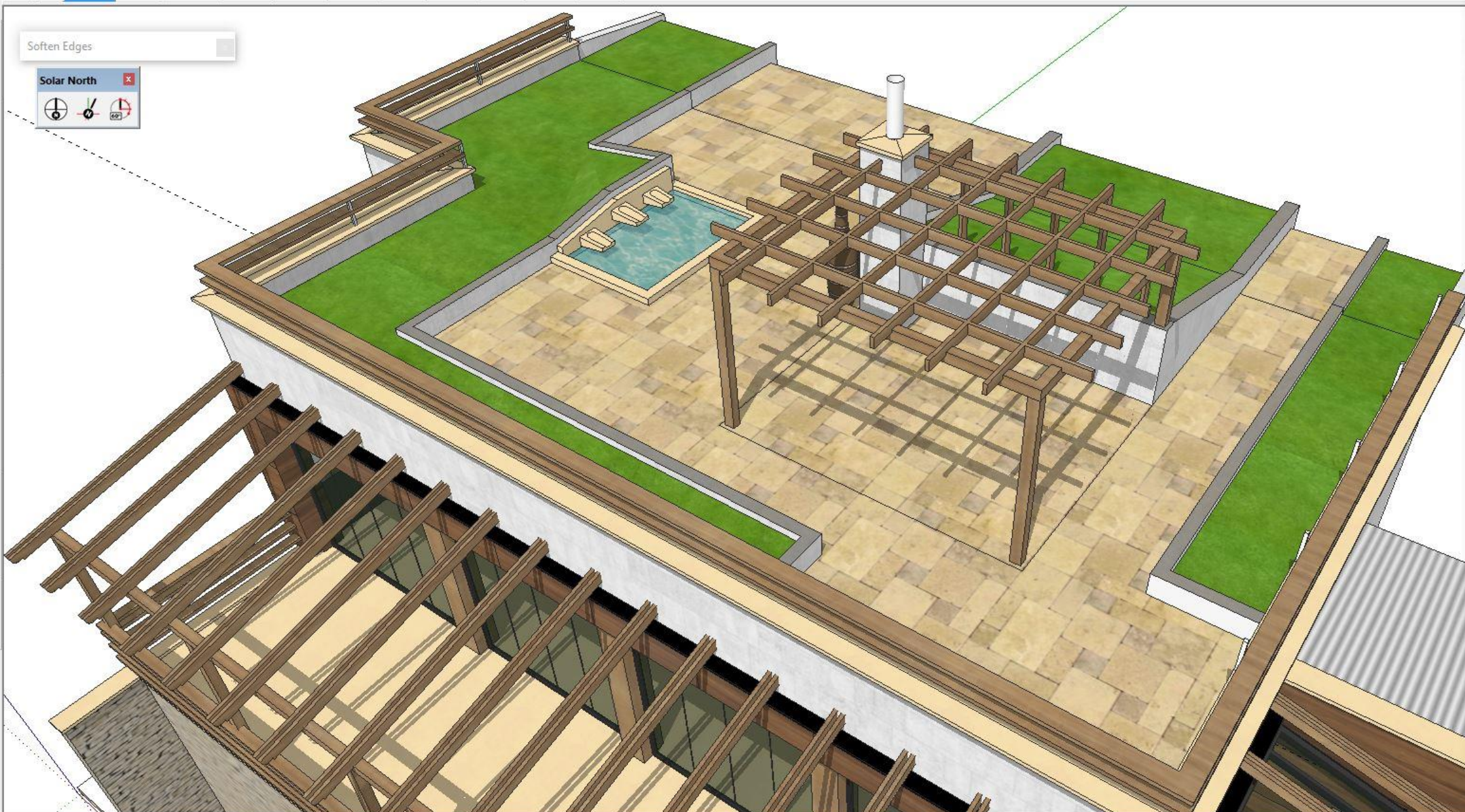
Type: <undefined>

Layer0

DSC\_2080 Scene 2 Scene 3 Scene 10 Scene 11 Scene 12 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8 Scene 9

Soften Edges

Solar North



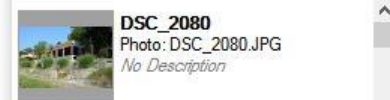
Shadow Settings

Entity Info

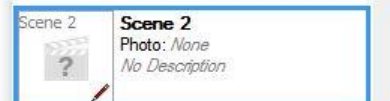
Match Photo

Styles

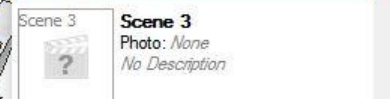
Scenes



DSC\_2080  
Photo: DSC\_2080.JPG  
No Description



Scene 2  
Photo: None  
No Description



Scene 3  
Photo: None  
No Description



Scene 10  
Photo: None  
No Description



Scene 11  
Photo: None  
No Description

☒ Include in animation

Name: Scene 2

Description:

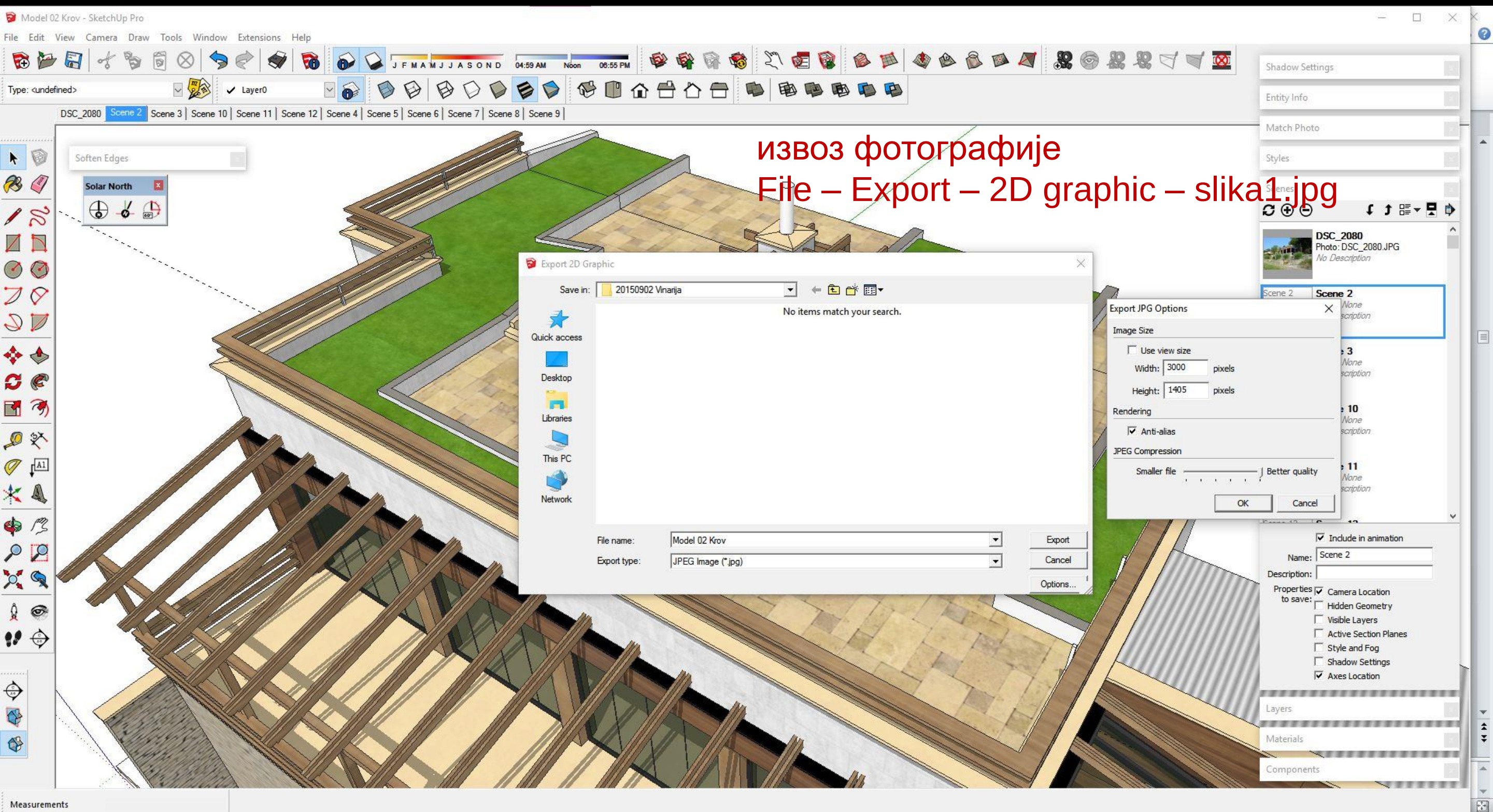
- Properties to save:
- ☒ Camera Location
  - ☐ Hidden Geometry
  - ☐ Visible Layers
  - ☐ Active Section Planes
  - ☐ Style and Fog
  - ☐ Shadow Settings
  - ☒ Axes Location

Layers

Materials

Components

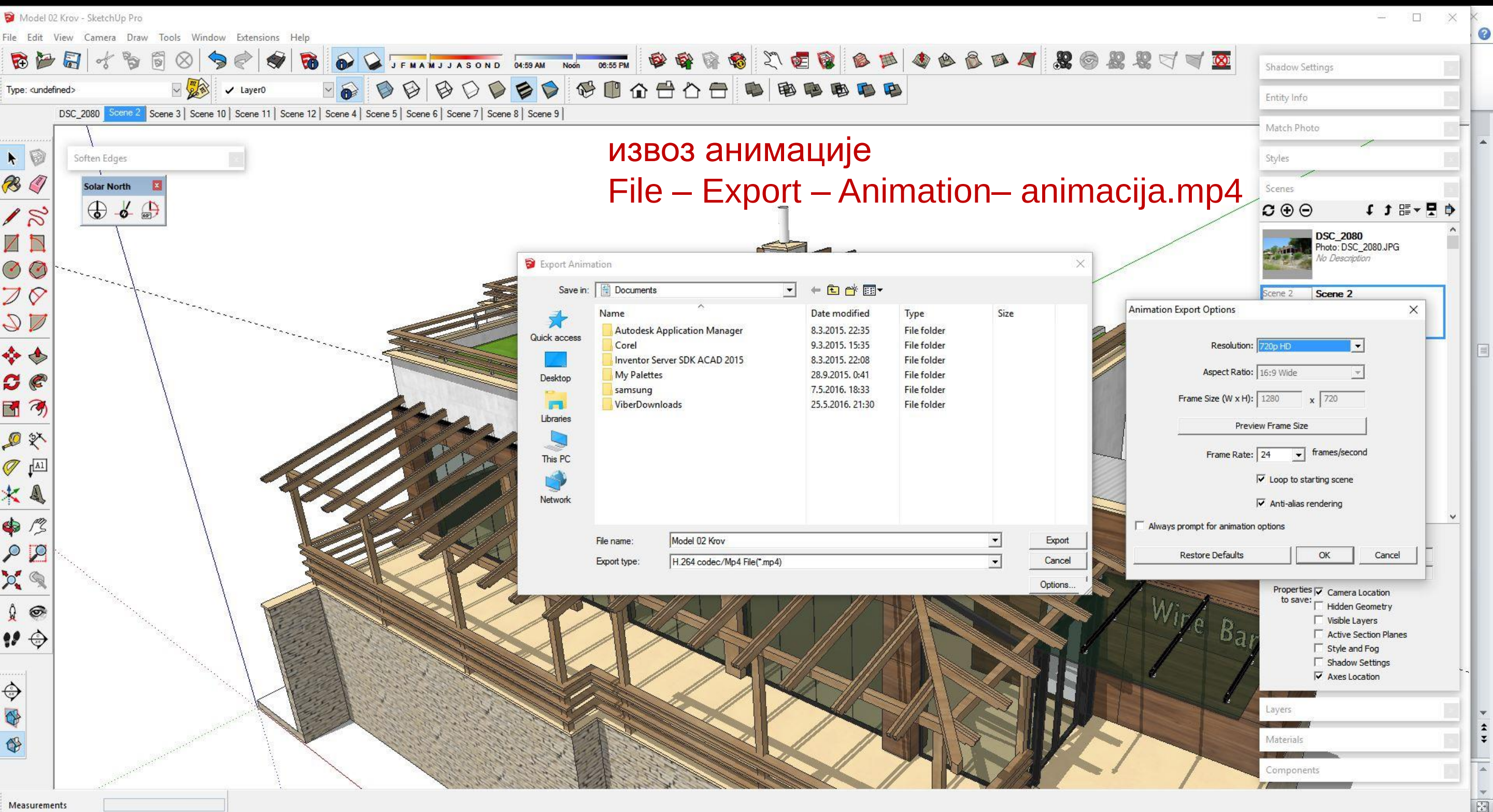




извоз фотографије

File – Export – 2D graphic – slika1.jpg





извоз анимације  
File – Export – Animation– animacija.mp4





рад на пресеку





Type: <undefined>

Layer0

DSC\_2080 Scene 2 Scene 3 Scene 10 Scene 11 Scene 12 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8 Scene 9

Soften Edges

Solar North

Section



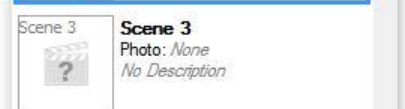
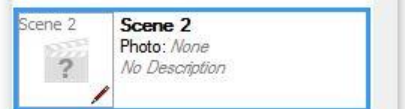
Shadow Settings

Entity Info

Match Photo

Styles

Scenes



Scene 12

Include in animation

Name: Scene 2

Description:

Properties to save:

Camera Location

Hidden Geometry

Visible Layers

Active Section Planes

Style and Fog

Shadow Settings

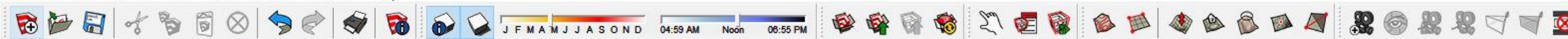
Axis Location

Layers

Materials

Components





Type: <undefined>

✓ Layer0

DSC\_2080 Scene 2 Scene 3 Scene 10 Scene 11 Scene 12 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8 Scene 9

Soften Edges

Solar North

Section



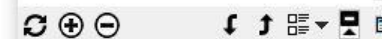
Shadow Settings

Entity Info

Match Photo

Styles

Scenes



Scene 2  
Photo: None  
No Description

Scene 3  
Photo: None  
No Description

Scene 10  
Photo: None  
No Description

Scene 11  
Photo: None  
No Description

☒ Include in animation

Name: Scene 2

Description:

- Properties to save:
- ☒ Camera Location
  - ☐ Hidden Geometry
  - ☐ Visible Layers
  - ☐ Active Section Planes
  - ☐ Style and Fog
  - ☐ Shadow Settings
  - ☒ Axes Location

Layers

Materials

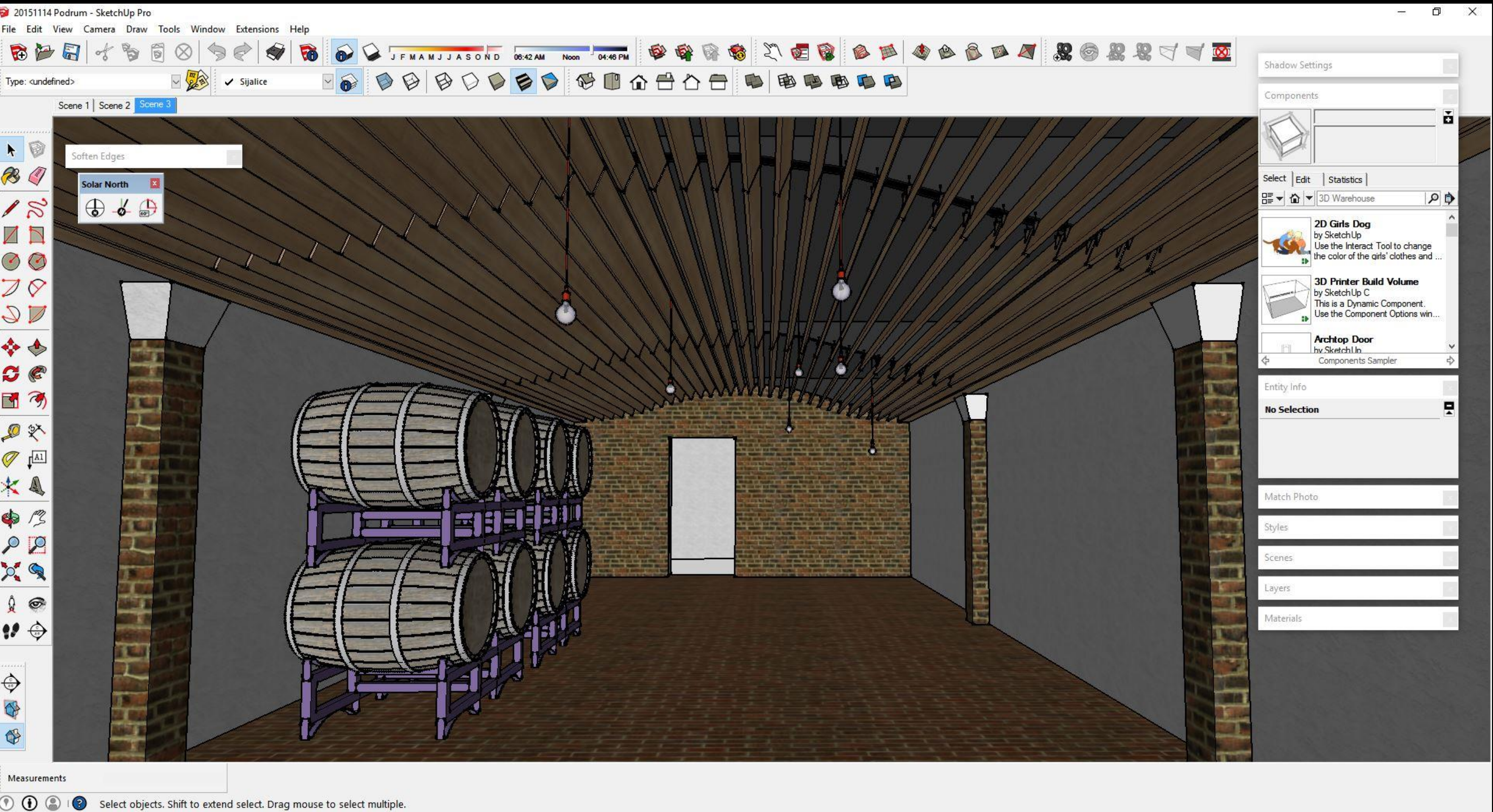
Components





# Моделовање у SketchUp-у ентеријер





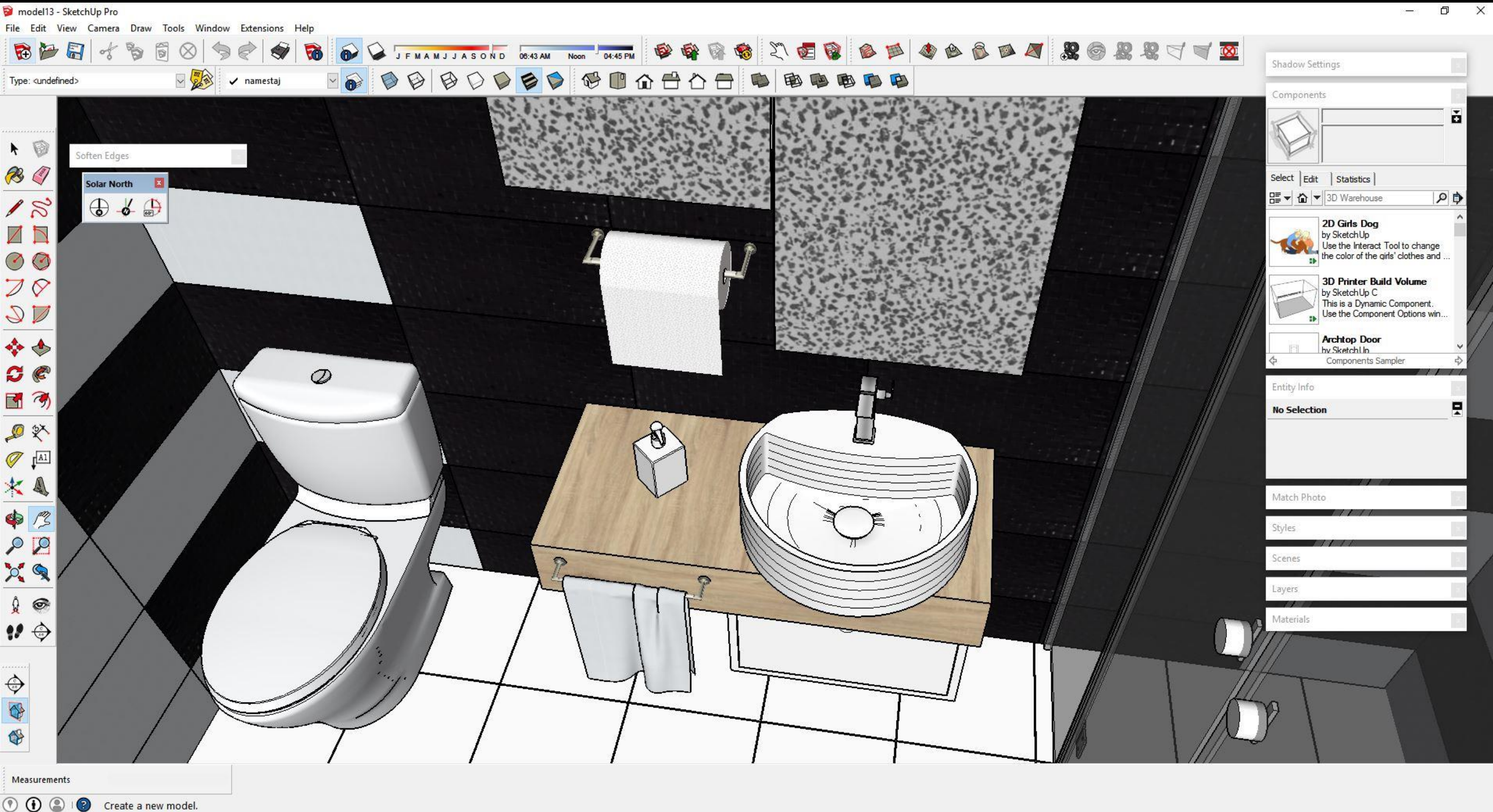




















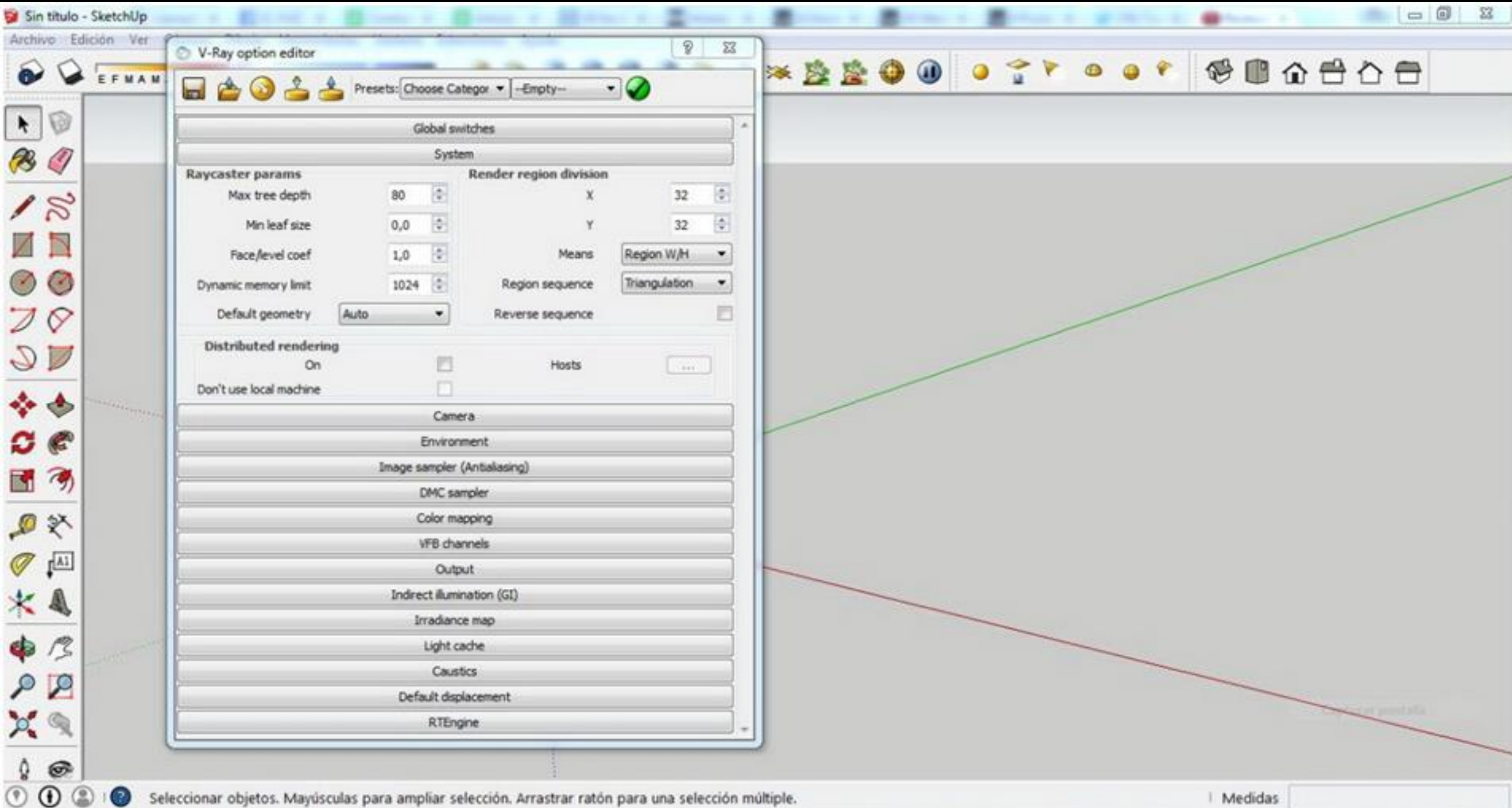
# Рендеринг и постпродукција слике



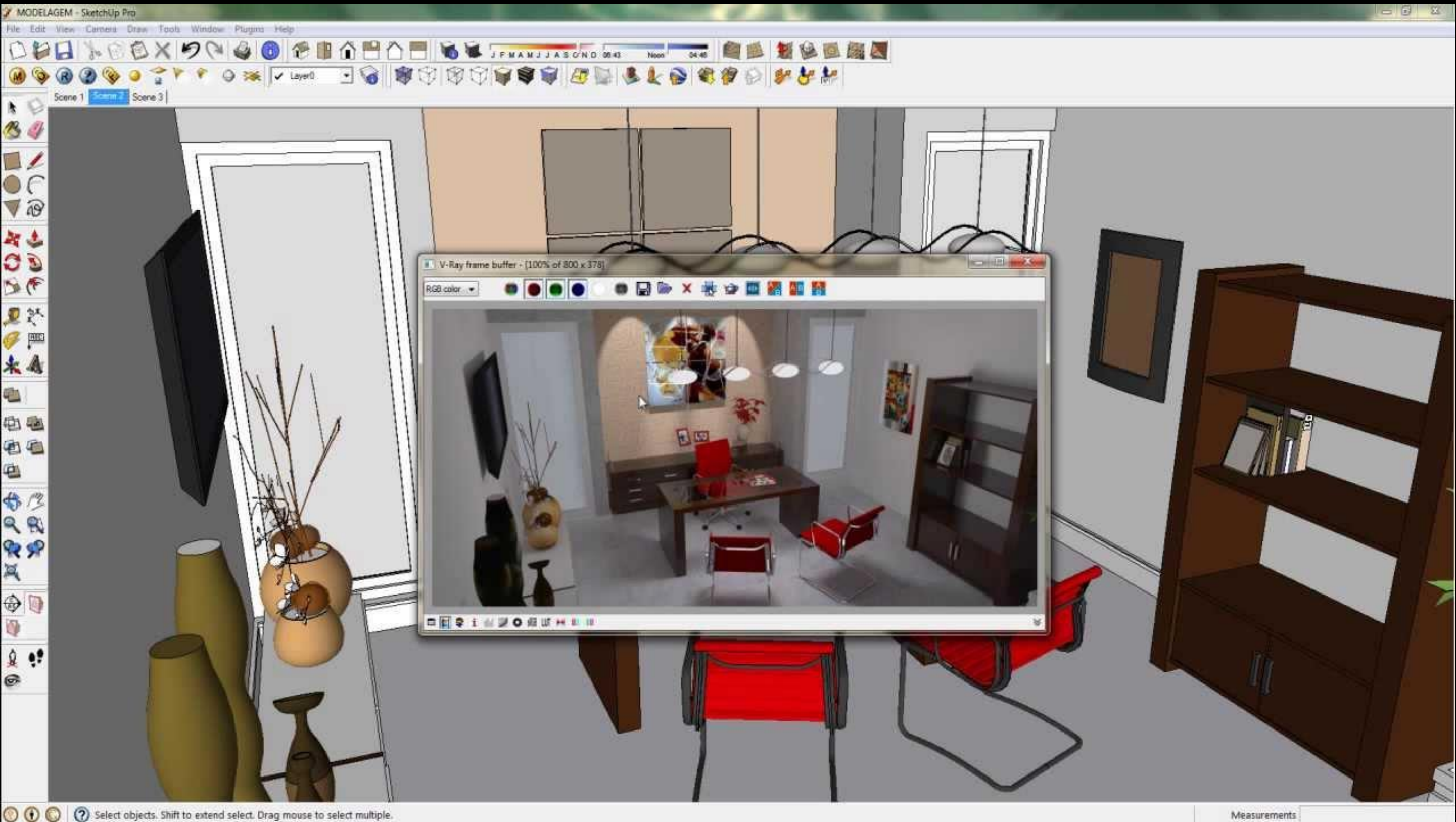


# Vray SketchUp

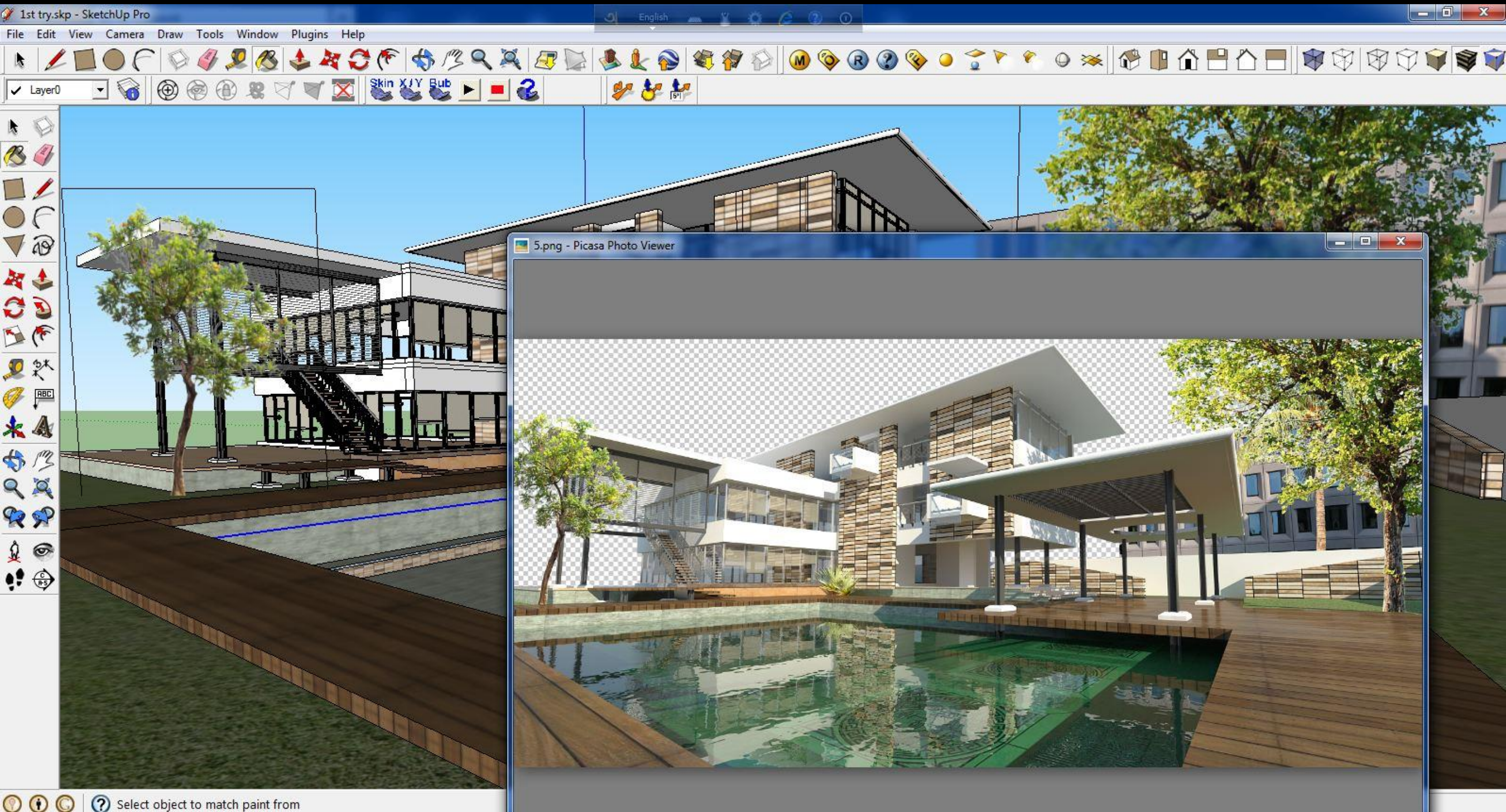
























из SketchUp-a у Artlantis





Untitleds.atl - Atlantis Studio

Shaders

Lights

Heliodons

Objects

Perspectives ▾



Roll 0°

Focal

69 mm



SketchUp



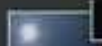
None



None

SketchUp

Lighting



Insertion...

Ground...

Heliodon Sky

Environment

Show

Activate

0°

Sketchup;3D Plants;L...

Visibility

Position

X 2699.12 cm

Y 3196.78 cm

Z 1109.98 cm

Target On Fixed Vertex ▾

X 1849.14 cm

Y 2350.60 cm

Z 688.51 cm

Coordinates



SketchUp

320 x 240

Auto

Sketchup

Sketchup



8 FPS



ISO: 200

1 / 500



PC Wizard

CRU: 3392.36 MHz  
CPU #1 load: 29%  
CPU #2 load: 55%  
CPU #3 load: 76%  
CPU #4 load: 55%  
Base: 38°C  
Carbon fi...



Chainlink...



China



Diffuse Fr...



Expert



Invisible



Mirror



Neon Light



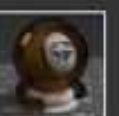
Light Plane



Pearl



Plastic



Polyureth...



Rust



Sunblind



Fabric



Granulate...



Cracked L...



bol



DWG



SKETCH'UP PRO



ARTLANTIS















Shaders

Lights

Heliodons

Objects

Perspectives ▾



Roll 0



day ▾



None ▾



None ▾



Insertion...

Ground...

Gradient ▾

Environment



Show

Activate 0



Scene;3D Plants;Light...

Visibility

Position

Target On Fixed Vertex ▾

X 2521.18 cm

X 2131.92 cm

Y -1084.32 cm

Y -625.93 cm

Z 158.54 cm

Z 183.46 cm

Coordinates



Auto ☒ Scene

exterior01



8 FPS ▾



exterior01

1920 x 1080



exterior02

1920 x 1080



kitchen01

1920 x 1080

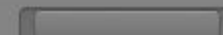


kitchen01\_1

1920 x 1080



ISO 100 1/300 s



?





MARKO  
POLJAKOVIĆ





# Постпродукција слика у Photoshop-у

























Burattini  
2012

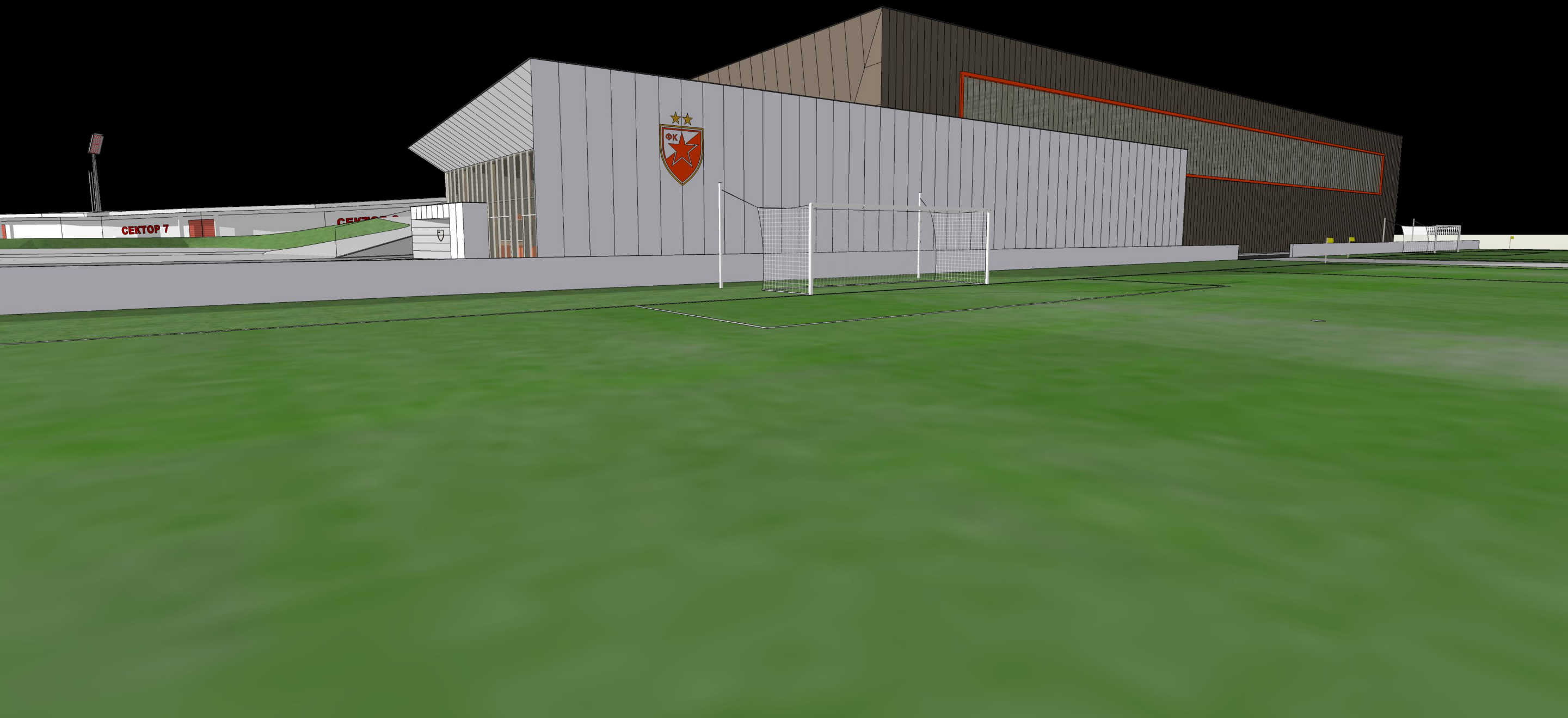
















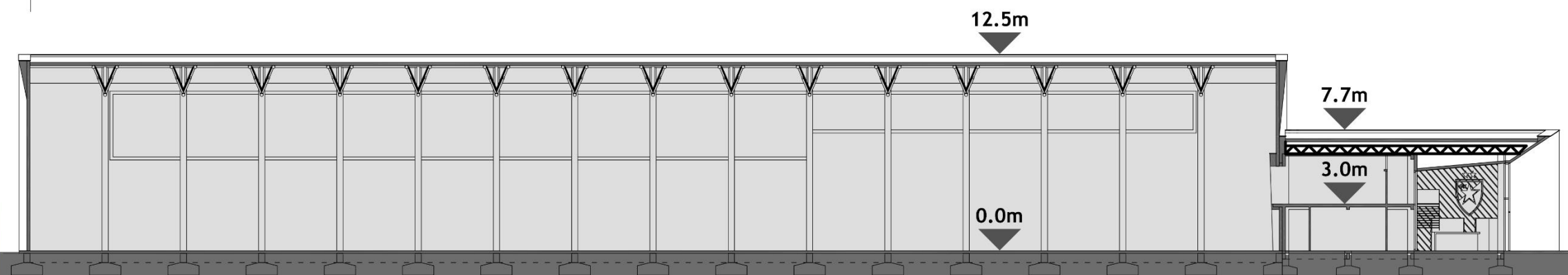




# ХАЛА ЗА ТРЕНИНГ ФК ЦРВЕНА ЗВЕЗДА

20m  
10m  
5m

ПОДУЖНИ ПРЕСЕК



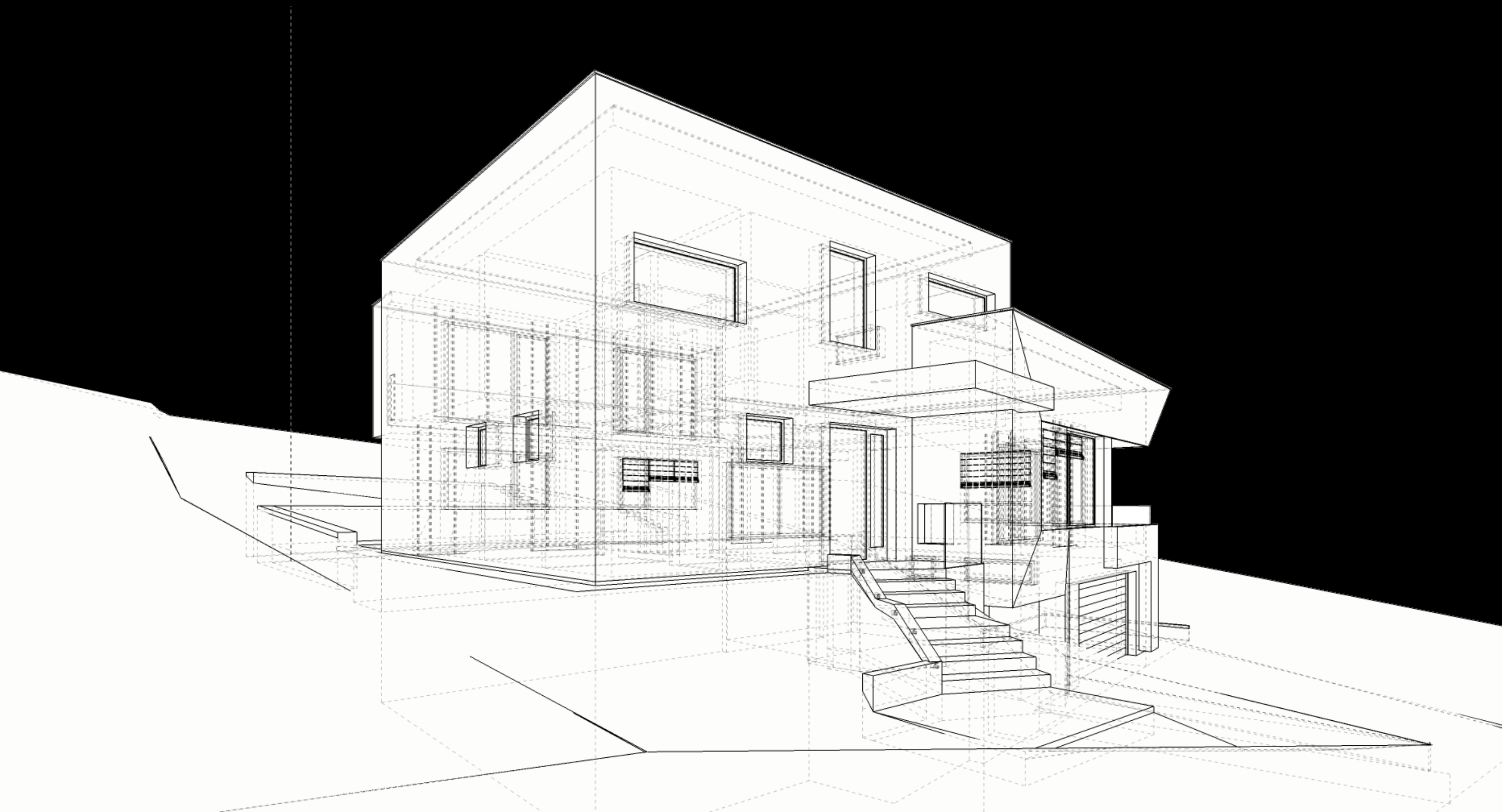






























[www.sketchup.com](http://www.sketchup.com)





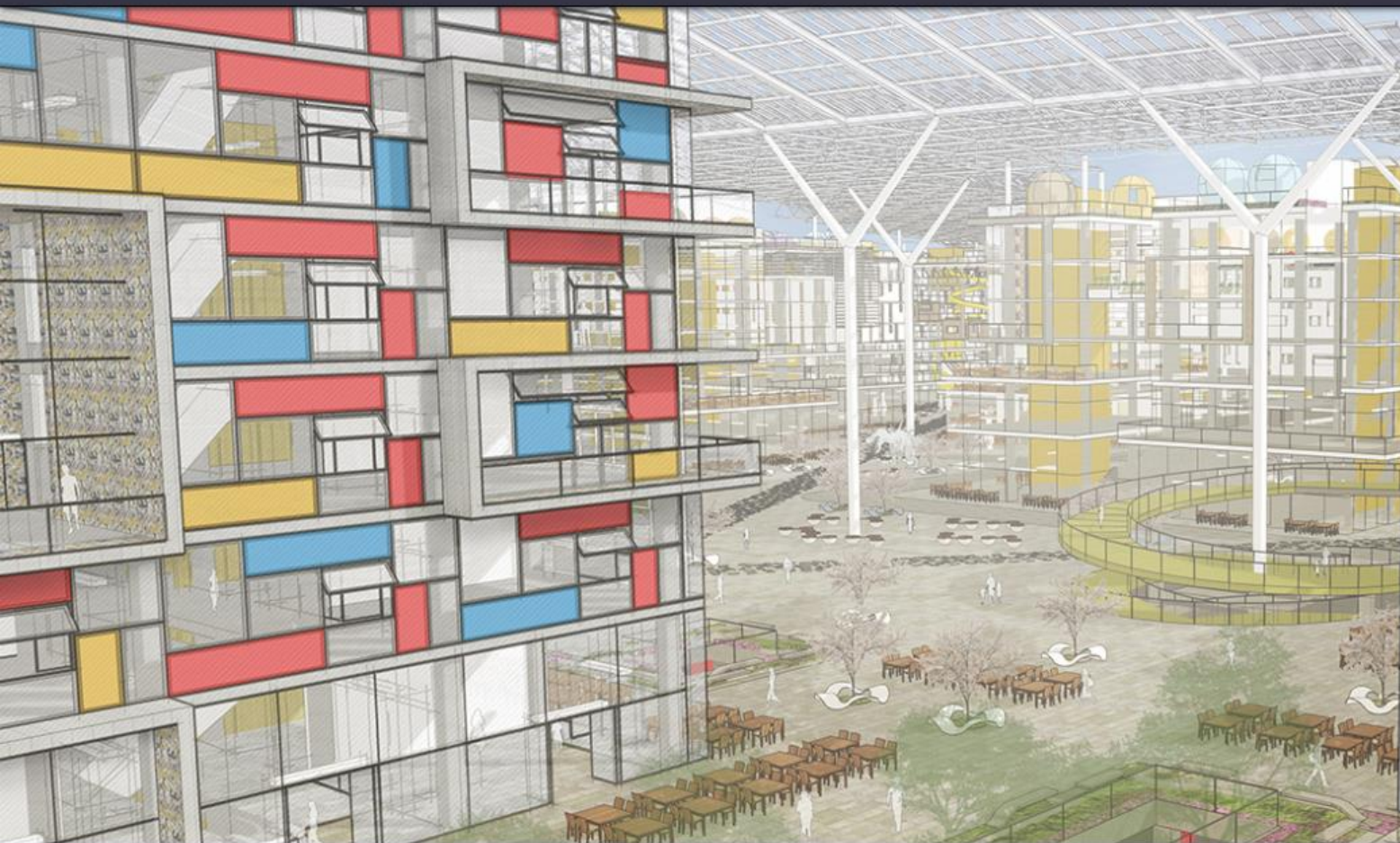
Products

3D for...

Buy

Learn

Trimble



# The easiest way to draw in 3D

You love what you do. Now love how you do it.

Download SketchUp

What's New?



Zed Factory



GET GOOD FAST



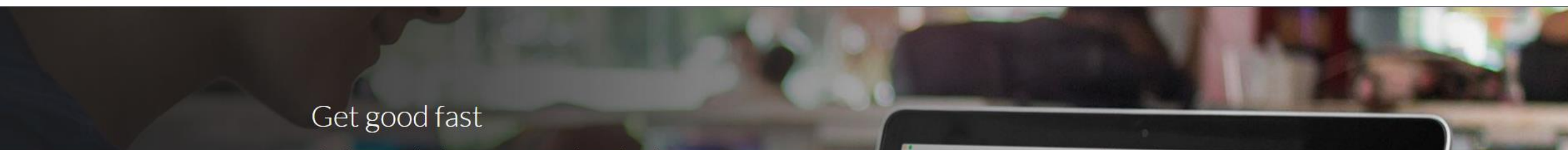
CREATE 2D DOCUMENTS



FIND 3D MODELS



CUSTOMIZE EVERYTHING



## Get good fast



3D Warehouse

Secure | https://3dwarehouse.sketchup.com/?hl=en

3D Warehouse

Upload Model

Sign In

Search 3D Warehouse

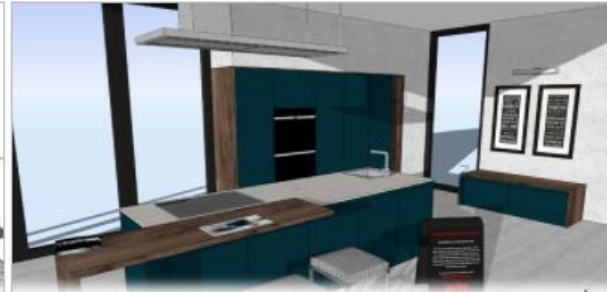
Search



Ravesbourne College  
by: Marek D.



Iskren Marinov Comp  
by: Nextdesign2009



LUCCA Deep Ocean - WITT Kitchen  
by: Witt Kitchen



Banco Up!  
by: Lilian P.



GRAMA FLOR  
by: Alexandre Lima

opendesk

BRIZO

RELIANCE FOUNDRY

witt  
fashion of kitchens

wayfair  
TRADE

NanaWall

opendesk

BRIZO

RELIANCE FOUNDRY

witt  
fashion of kitchens



Bundeskanzleramt am Spree-Bogen  
by: LIGHTHOUSE Design



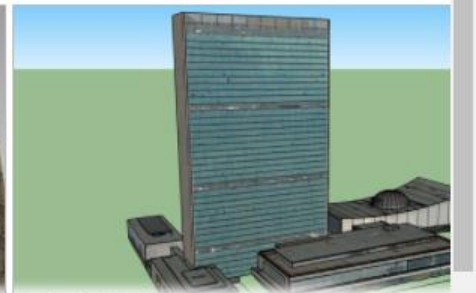
Palacio de Bellas Artes  
by: Quijote3D



Langevin Block  
by: Disura



The Palace of Westminster  
by: Dämo



United Nations Headquarters  
by: CS3Design

7800 furniture ready to use for your Sketch!

ecoScorecard

SketchUp Components

Vehicles

Self-paced Tutorials

3D Challenge Winners

BpTreeMaker

Dynamic Components

Skylark Motors

Winter trees

Aircraft



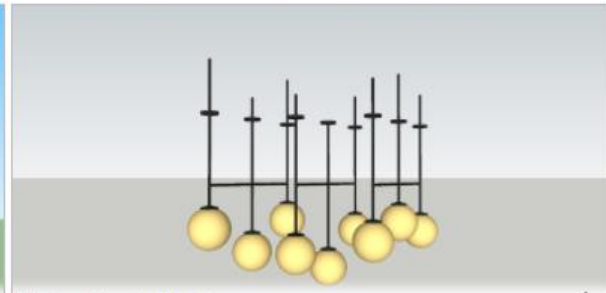
china temple 3\_中國風 廟宇建築 3  
by: Sengou-Tseng



Lion Air Boeing 737-900ER Dreamliner Livery  
by: MattaRizki0731



china build\_中國風 建築  
by: Sengou-Tseng



High and low ball light  
by: 3084204



console, table, консоль. столик  
by: Evgeniy1111



Iskren Marinov Comp



Download

Download

60,999

Likes

1,211

.skp File Size

39.1 MB

Polygons

80,982

Materials

15

Uploaded

5/11/16

Last Modified

5/11/16

Components

0

Share

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t

p

Nextdesign2009

94 models

Collections Containing This Model

275

Sofas

by: Ivelina T.

40

sofas

by: Jana R.

668

22E SENTAR - Cadeiras, sofás, poltro...

by: Edu

347

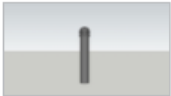
Sala de Estar

by: Jessica R.

Models Containing This Model







## All Models by Reliance Foundry

by Reliance Foundry Co. Ltd.

Reliance Foundry Co. Ltd. supplies the highest-quality stock and custom-designed products for architectural site furnishings and traffic management, including bollards and bike parking. All Reliance Foundry products incorporate precise design, strict manufacturing standards, and high-quality materials for long-lasting durability in any environment.

Please see the collections below for a selection of our products.

For more information, visit:  
<http://www.reliance-foundry.com/>

Heart icon

Chart icon

|               |         |
|---------------|---------|
| Models        | 0       |
| Collections   | 4       |
| Likes         | 0       |
| Created       | 4/20/17 |
| Last Modified | 4/21/17 |

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f

twitter

p

Tags

bike racks, bollards, bike parking, traffic safety, site furnishings

## Collections

Sort by Popularity

70

Bollards by Reliance Foundry  
by: Reliance Foundry Co. Ltd.

10

Plastic Bollard Covers by Reliance Fo..  
by: Reliance Foundry Co. Ltd.

12

Bike Parking by Reliance Foundry  
by: Reliance Foundry Co. Ltd.

9

Traffic Safety Supply by Reliance Fou..  
by: Reliance Foundry Co. Ltd.

Report Abuse





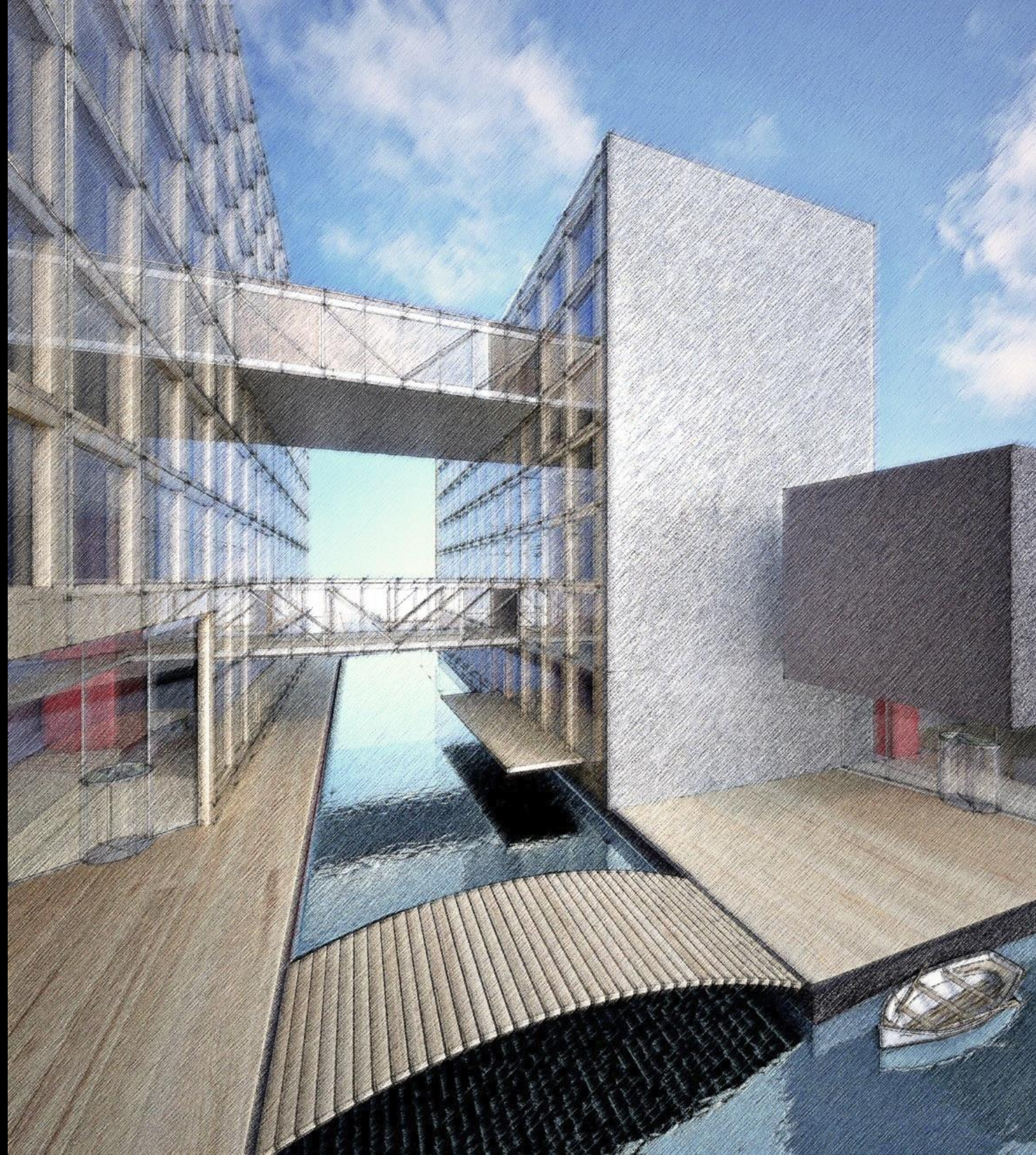














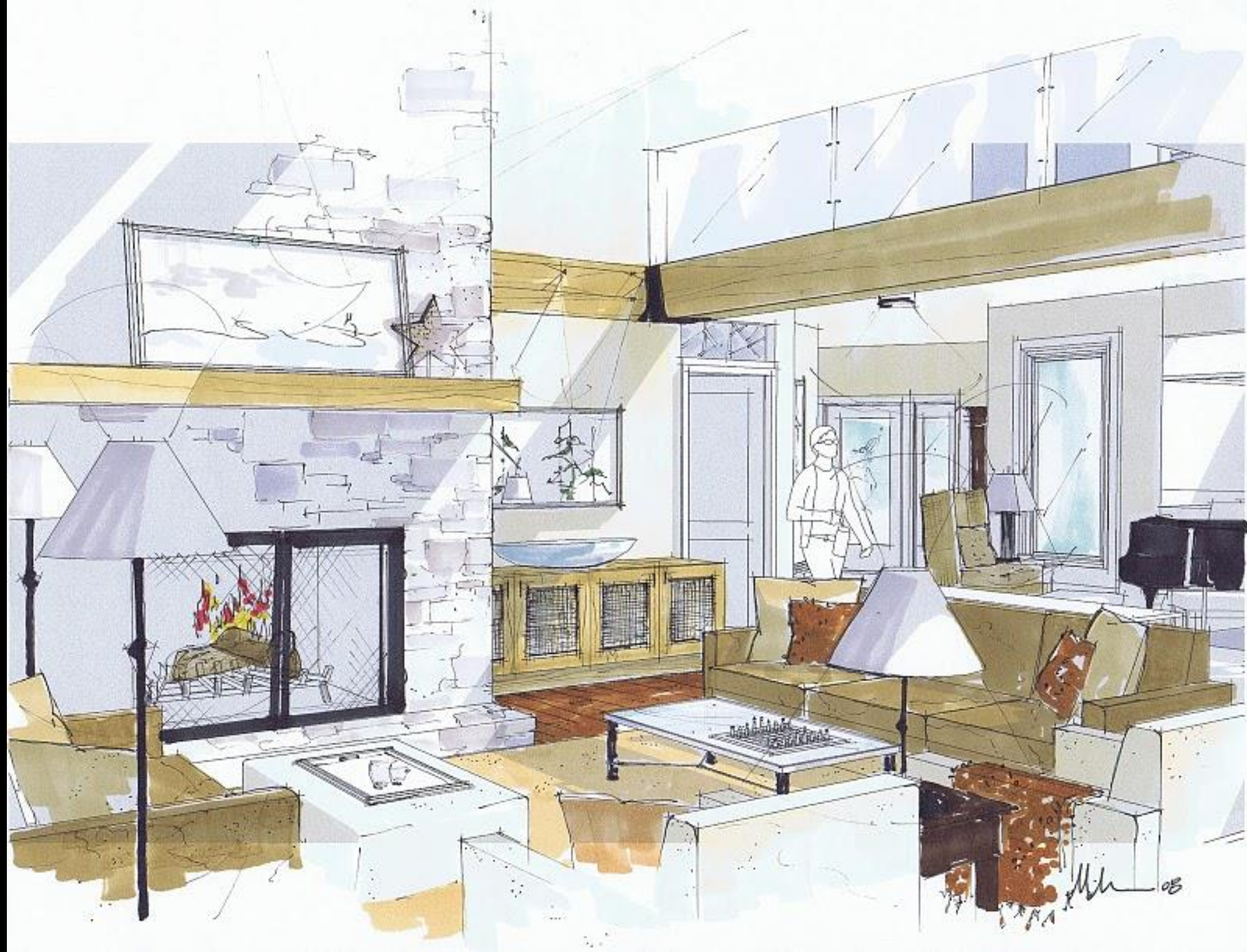




Point  
Perspective









**BEGIN  
WITH  
THE END  
IN MIND**

Covey 1989