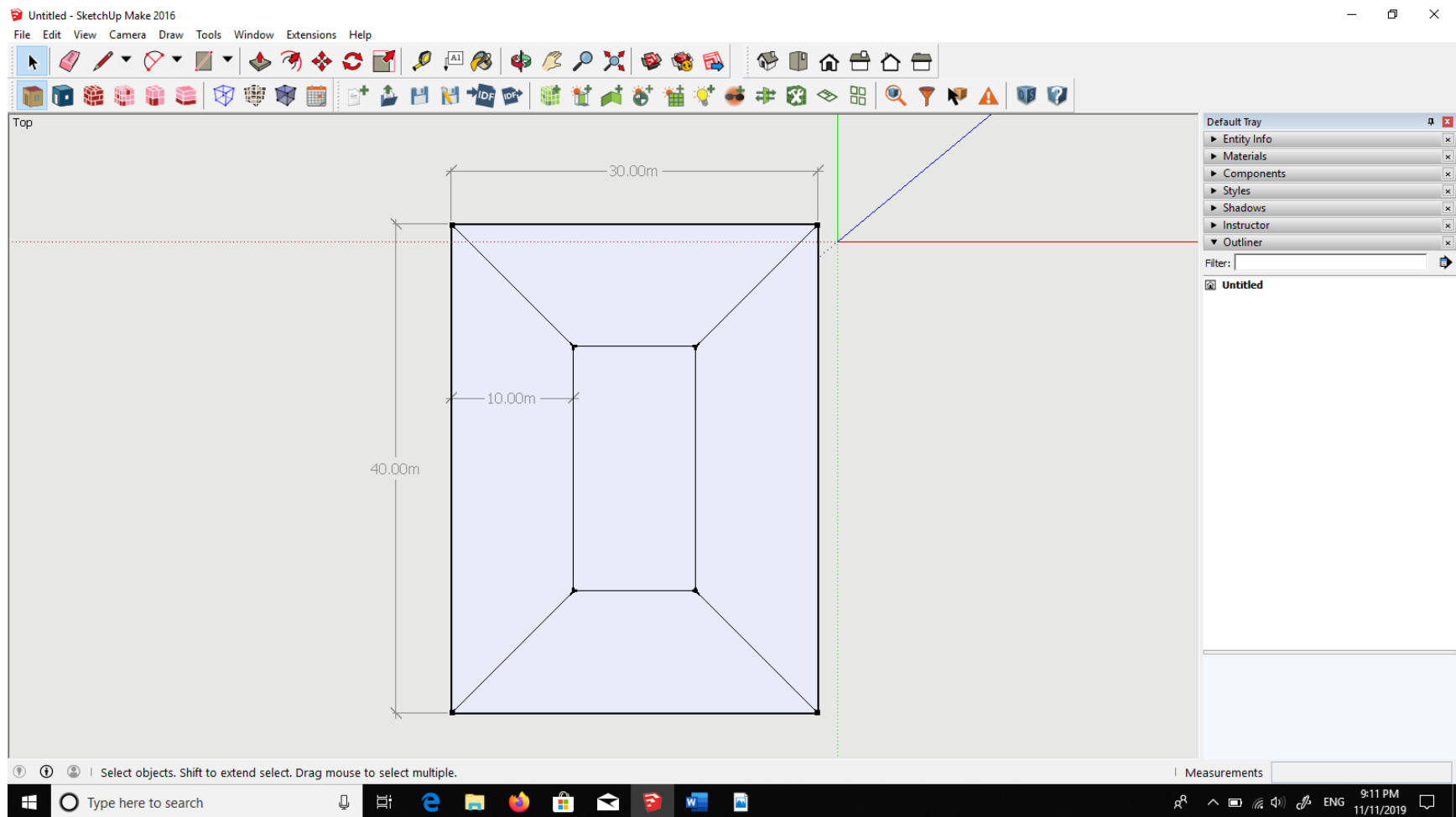
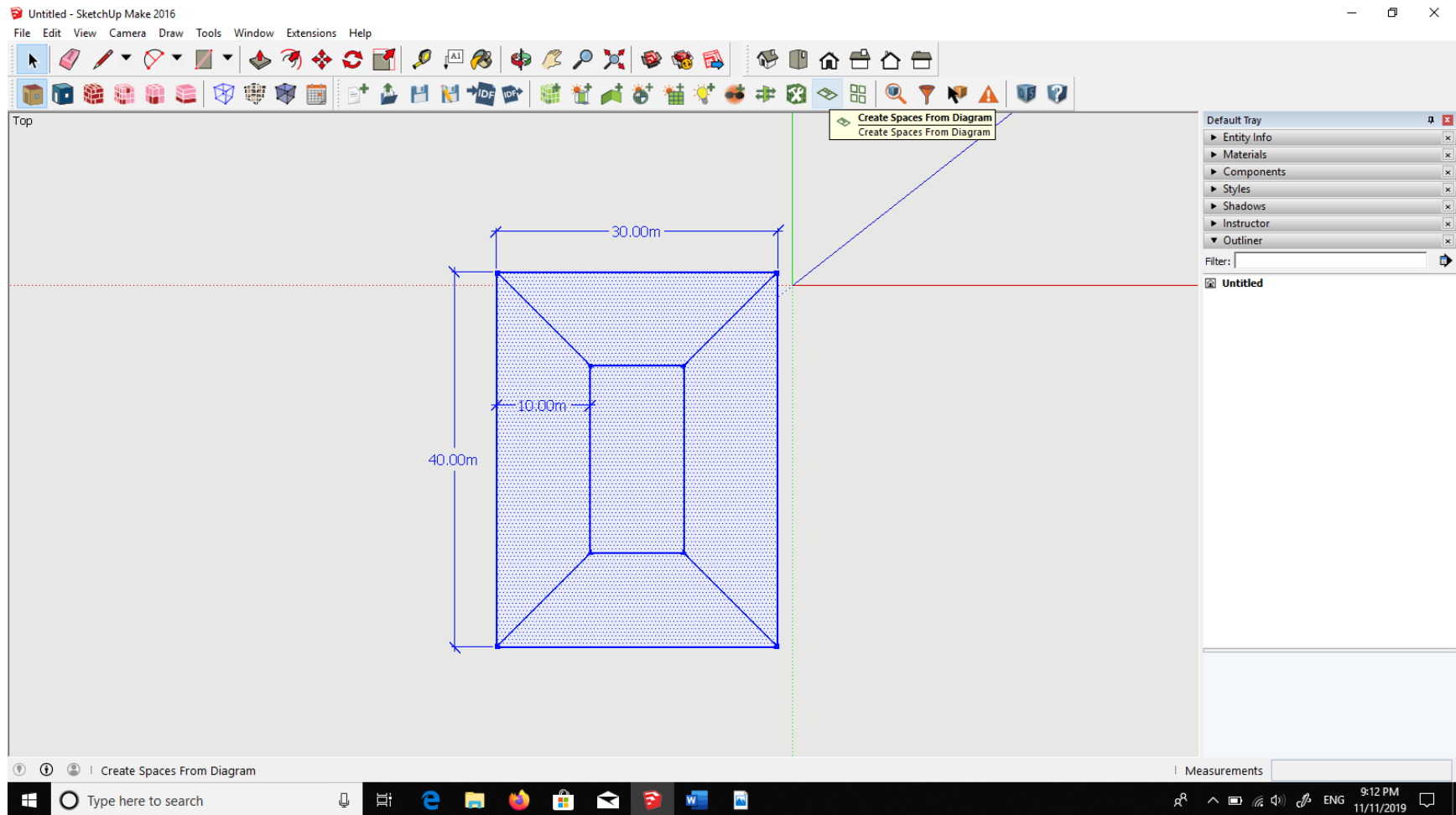


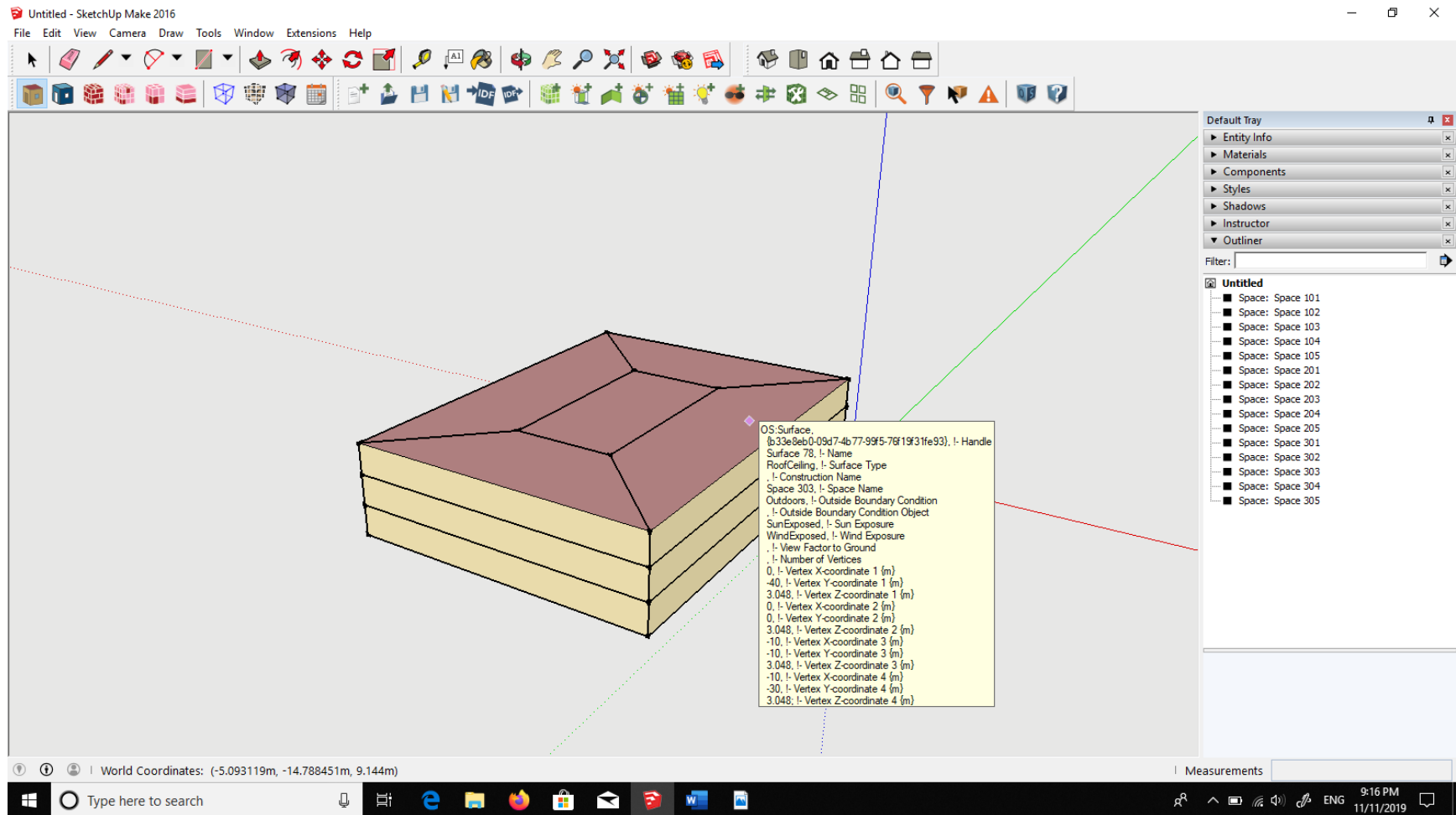
Drawing a rectangle 30*40



Offset 10 inside and drawing diagonal lines

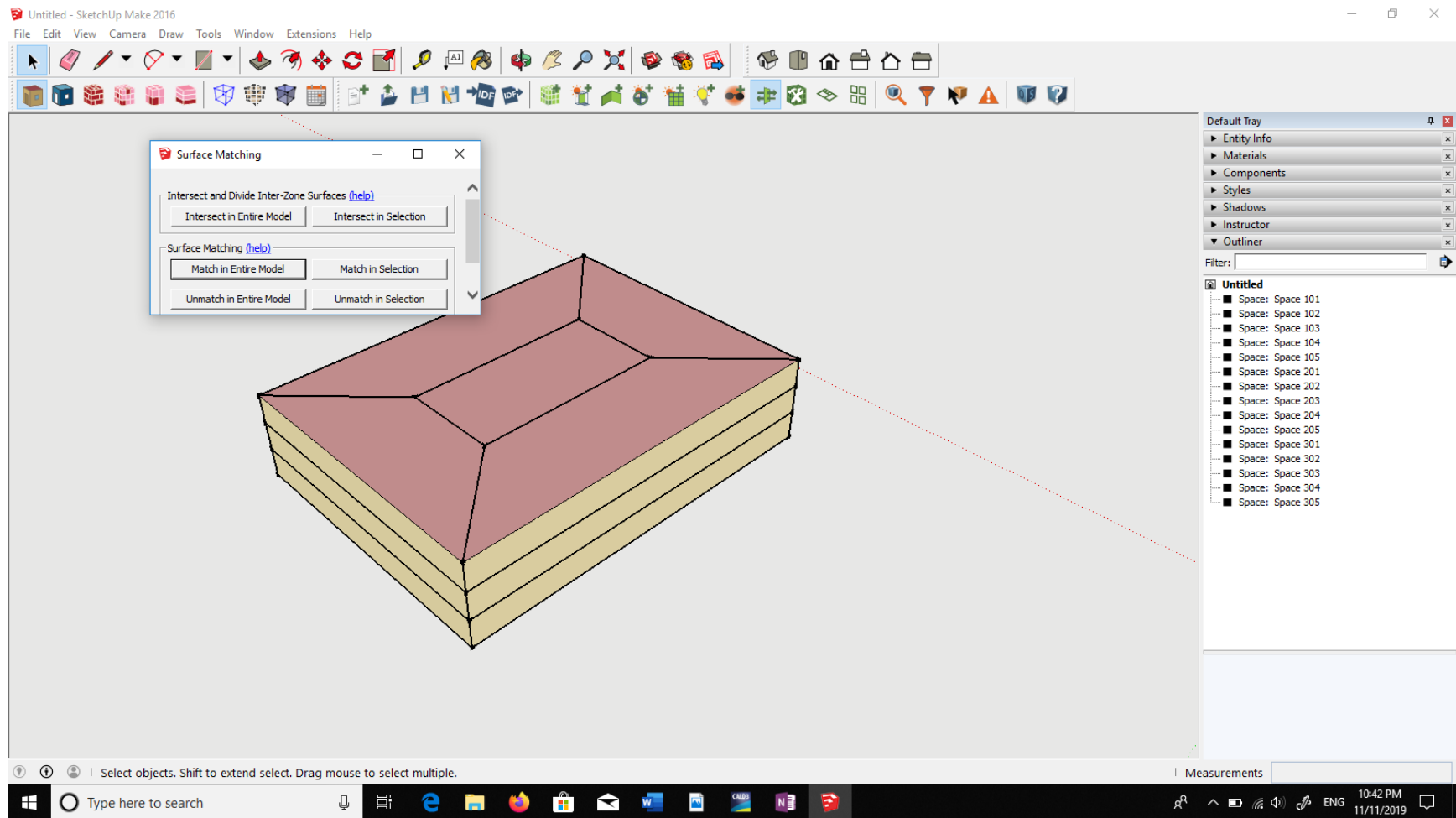


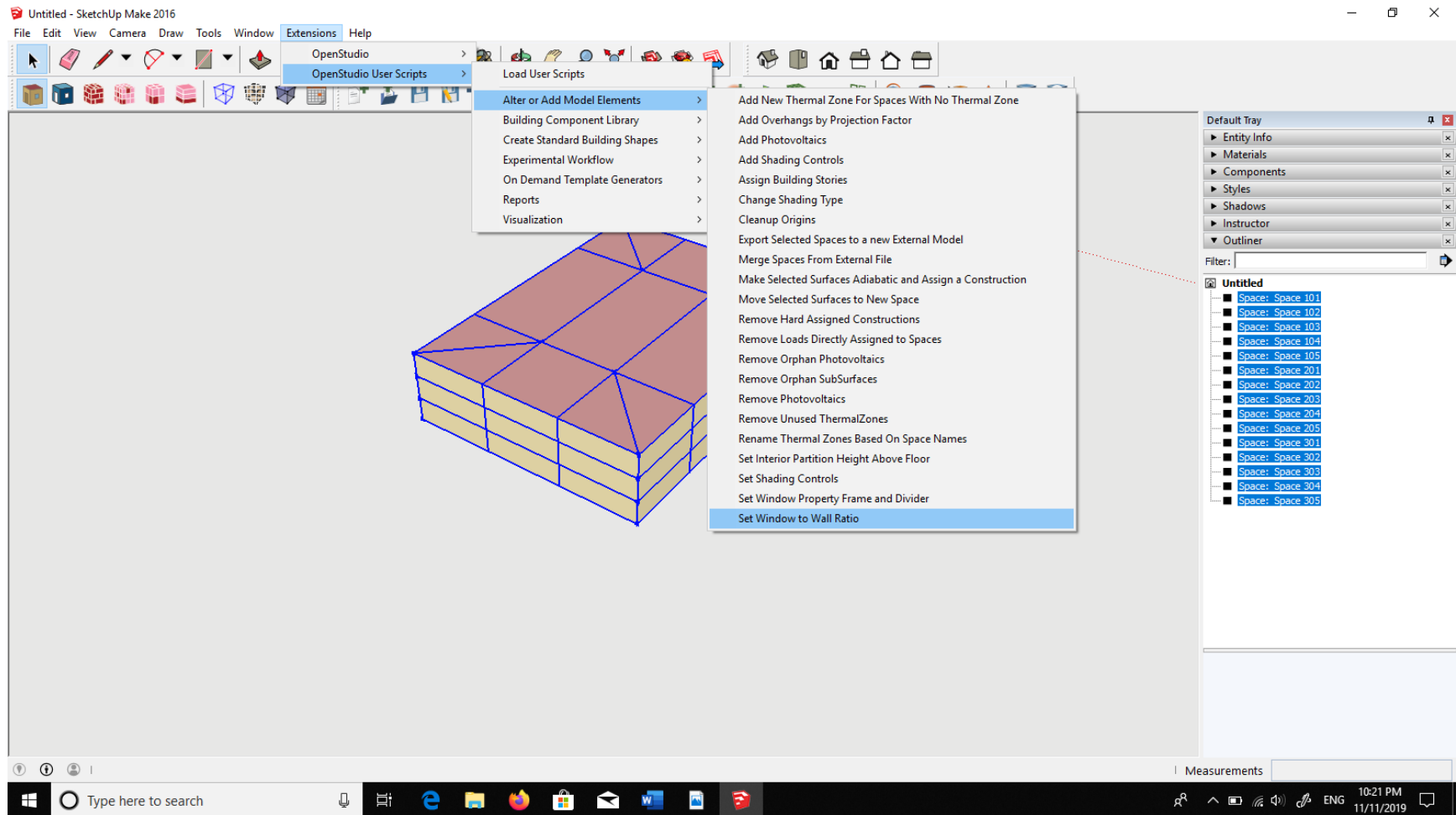
With icon Create spaces from diagram, convert the shape to a 3-store building



With info tool icon we can see details

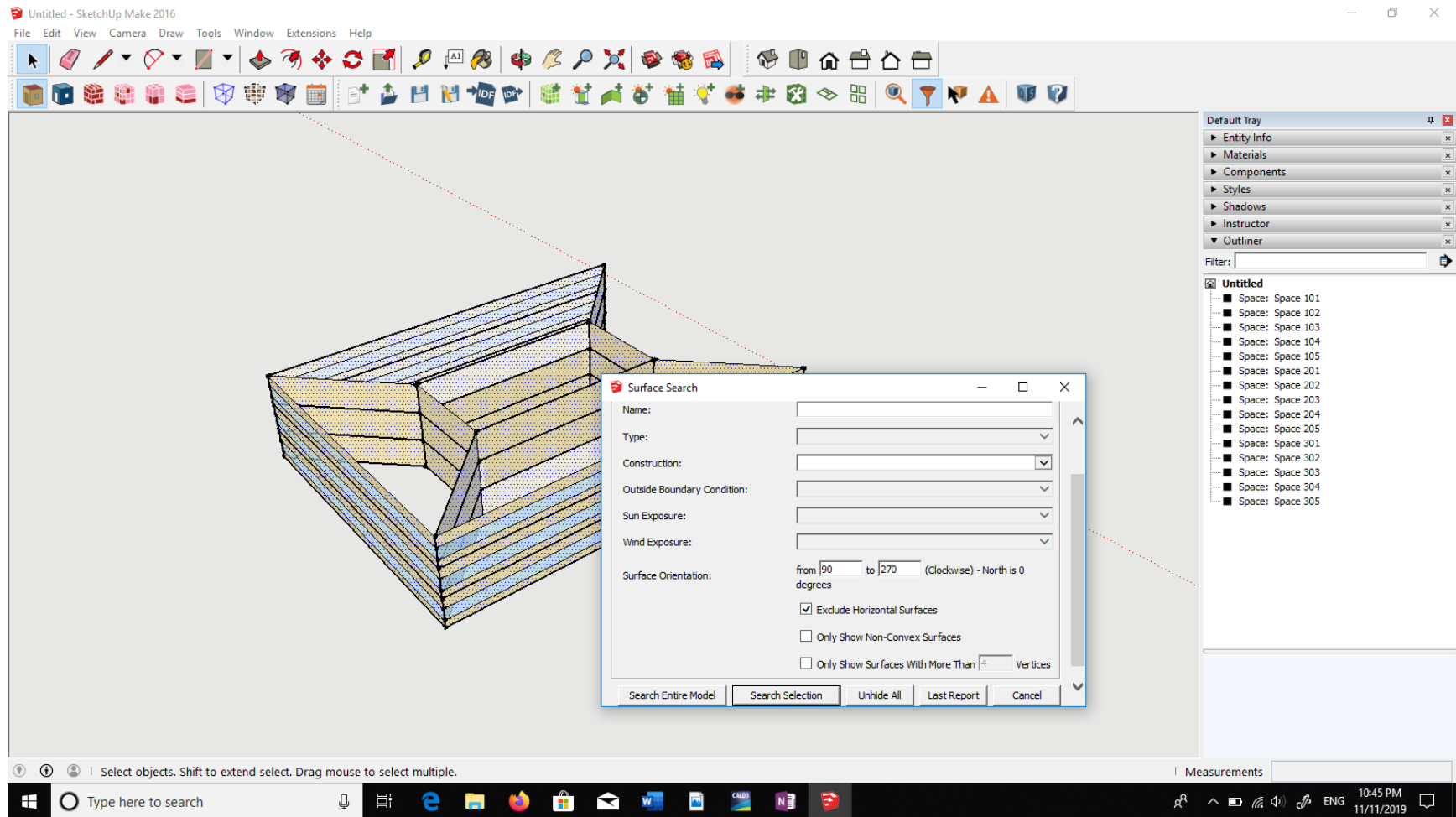
Then we should do surface matching to avoid creating windows in interior walls



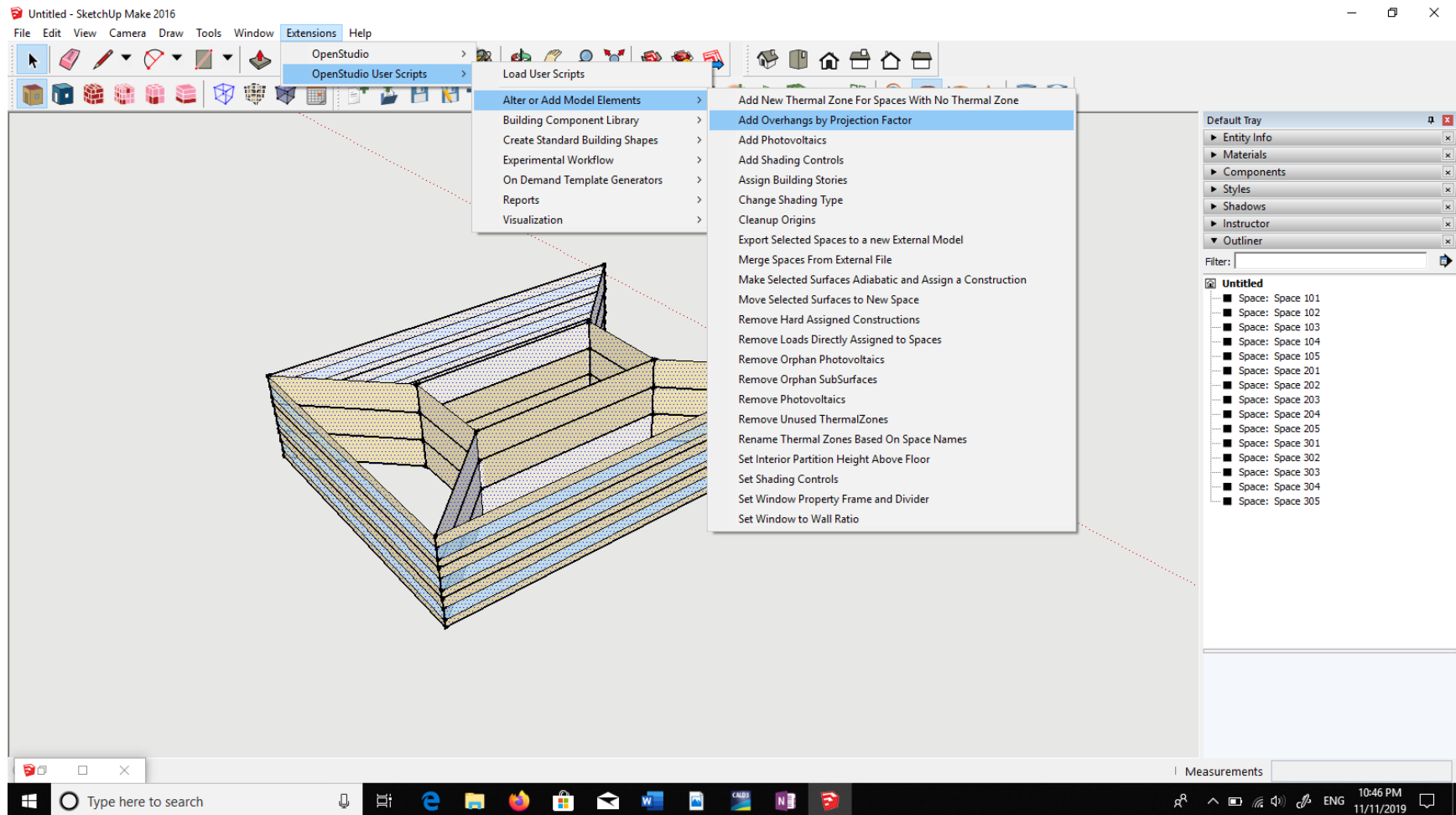


Then we add windows from this icon

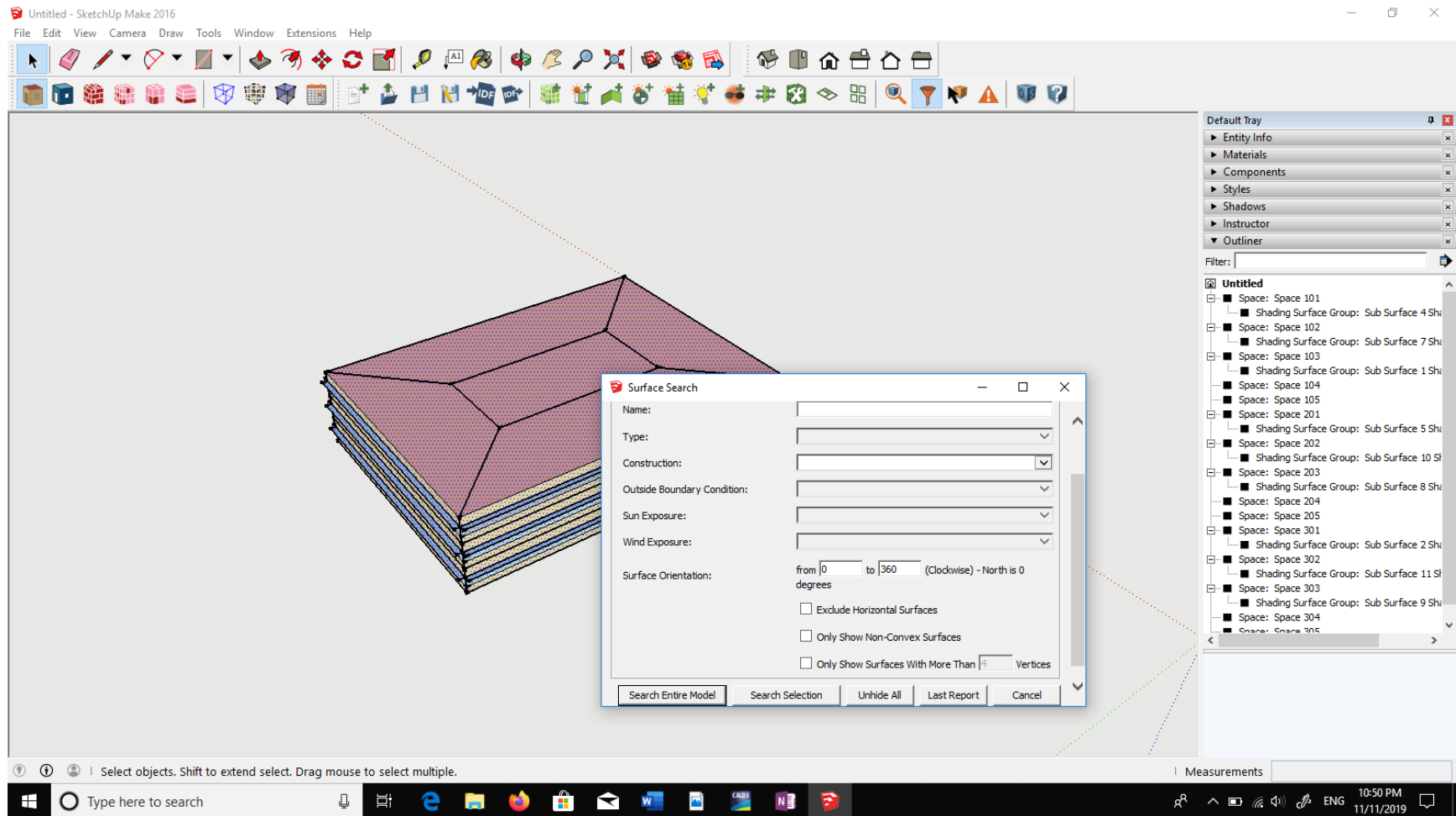
then with this icon we choose all the facades except north one to add shadings



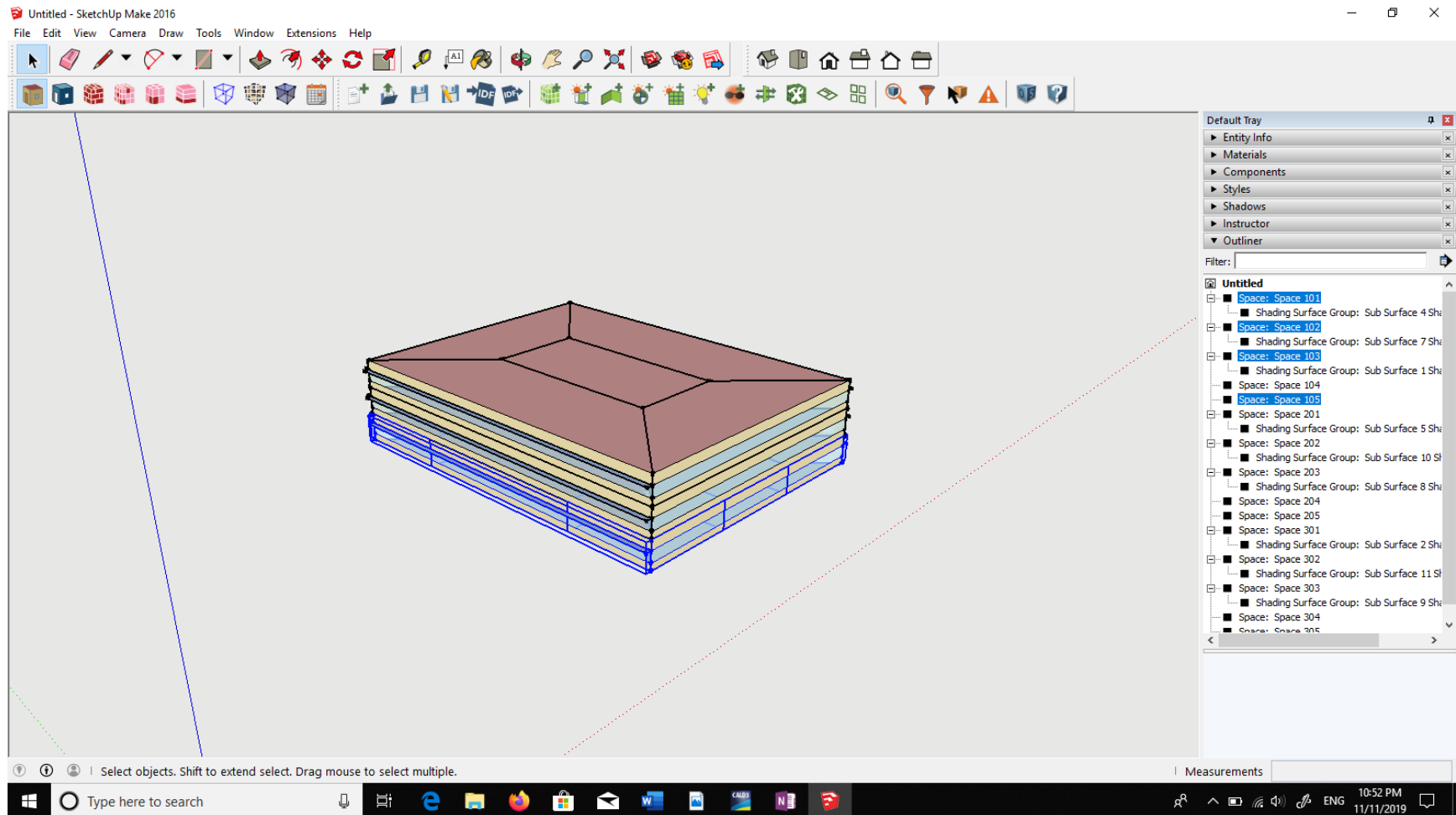
Then we add shading with this icon



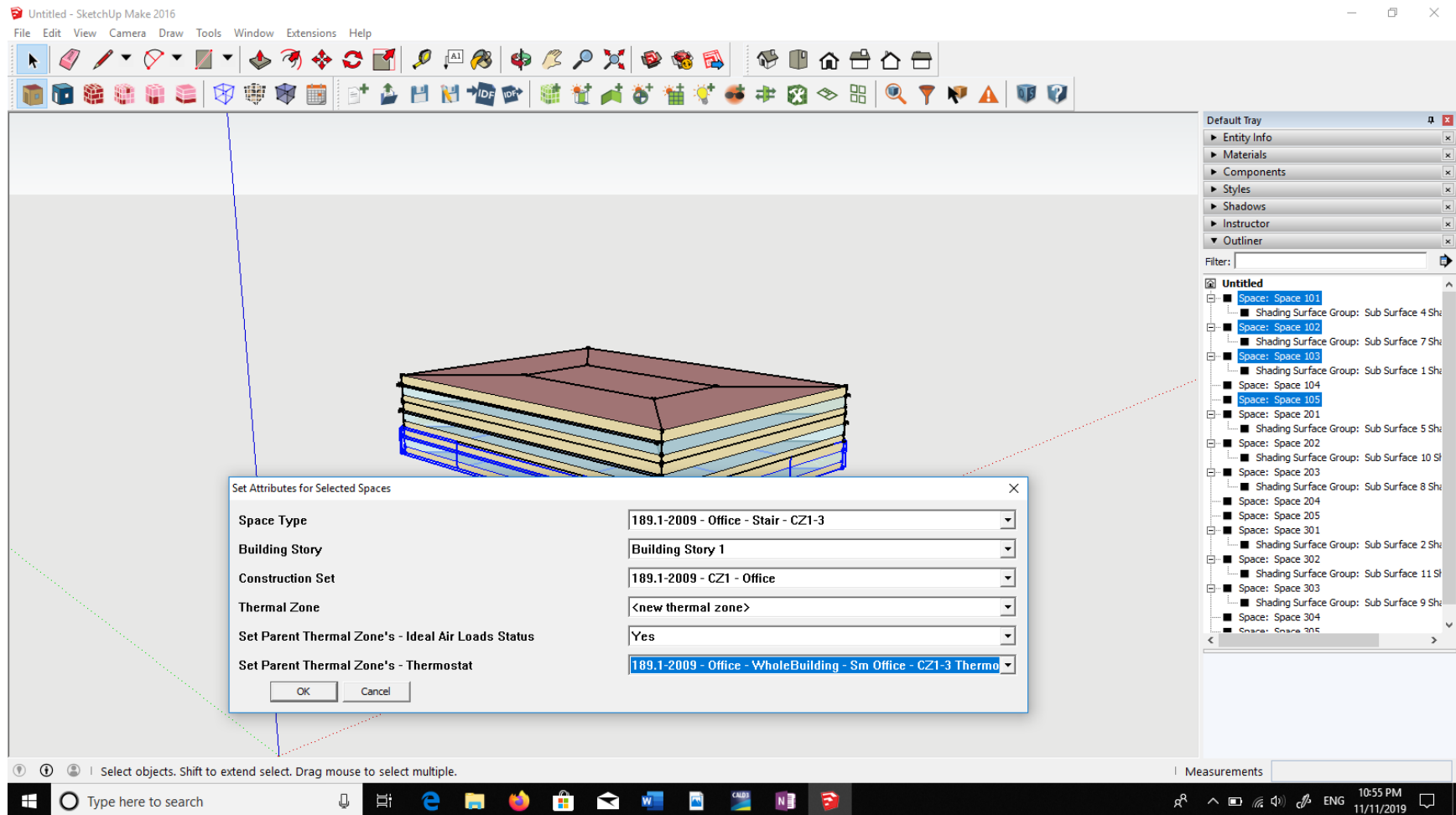
To go to previous step we choos 0-360 in surface search



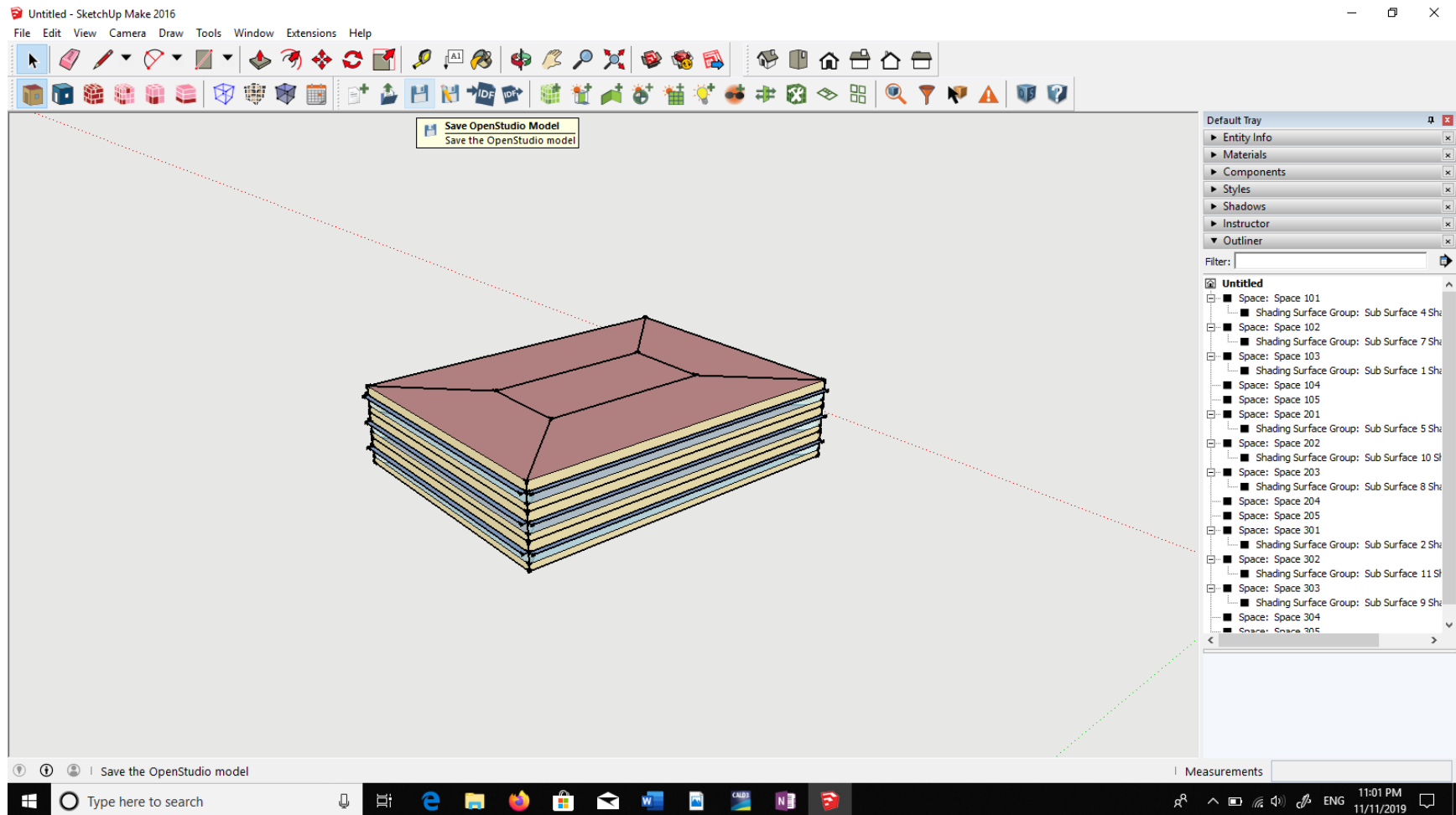
Then from outliner menu we choose surface 101,102,103,105



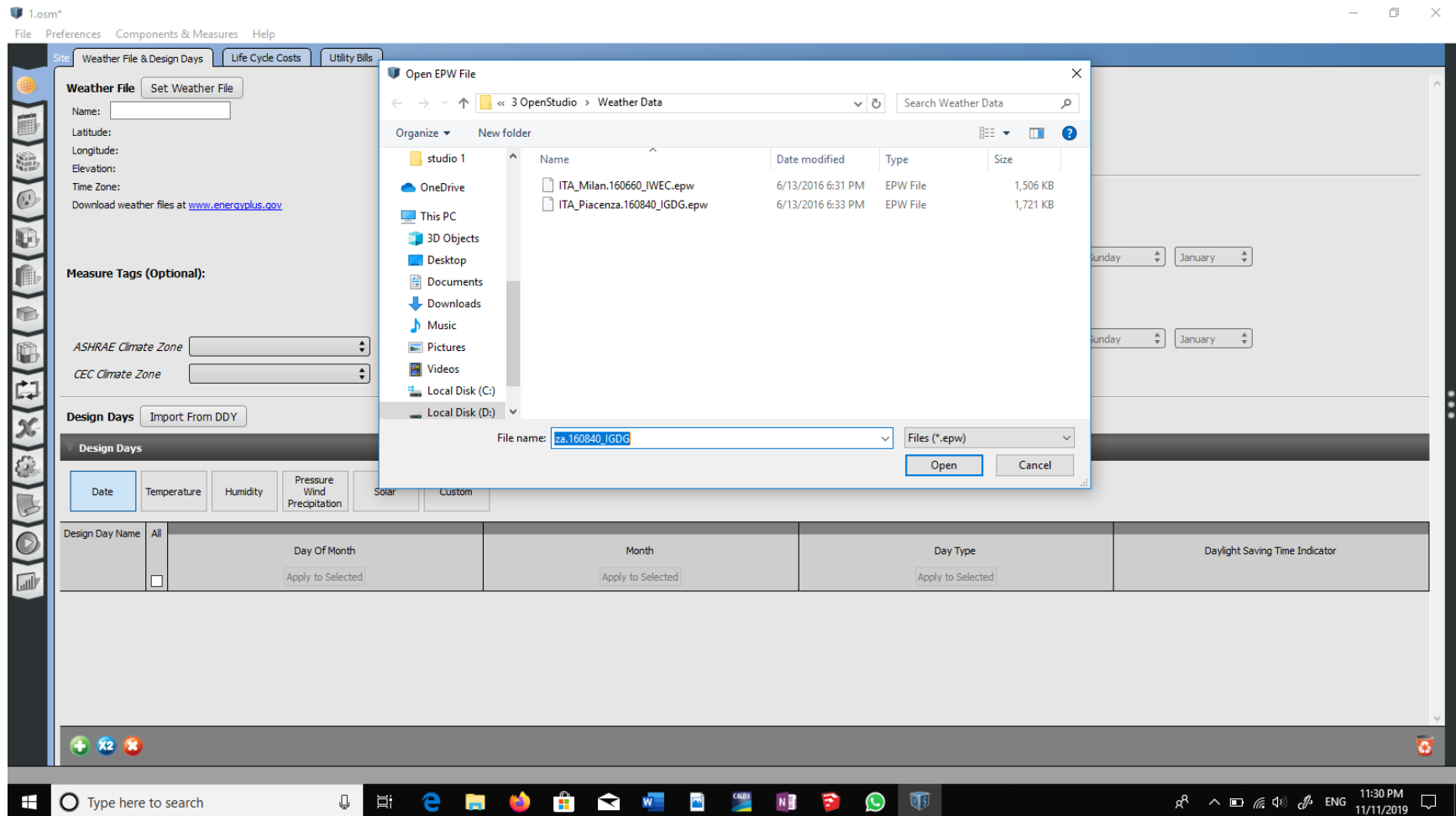
Then we add specification with set attribute for selected spaces icon on top



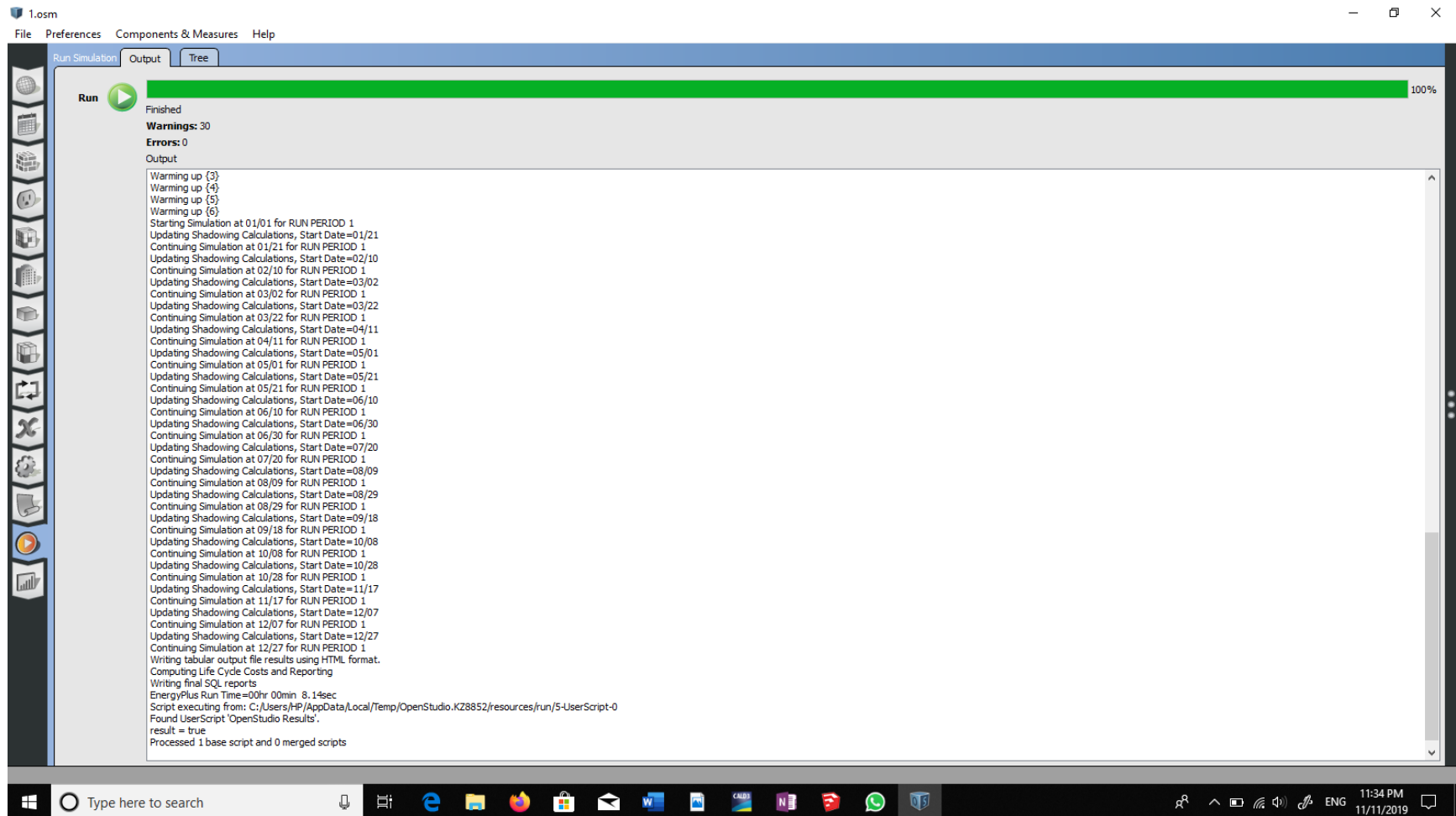
Then we should save file with this icon



Then we open the saved file in openstudio program and add weather data from first tab set weather file



Then we run the model



And we can see the results in last tab

1.osm

File Preferences Components & Measures Help

Results Summary

Reports: OpenStudio Results

Open ResultsViewer for Detailed Reports

Model Summary

- Annual Overview
- Monthly Overview
- Utility Bills/Rates
- Envelope
- Space Type Breakdown
- Space Type Summary
- Interior Lighting Summary
- Plug Loads Summary
- Exterior Lighting
- Water Use Equipment
- HVAC Load Profiles
- Zone Conditions
- Zone Overview
- Zone Equipment Detail
- Air Loops Detail
- Plant Loops Detail
- Outdoor Air
- Cash Flow
- Site and Source Summary

Information	Value	Units
Building Name	Building 1	building_name
Net Site Energy	269,853	kBtu
Total Building Area	10,764	ft^2
EUI (Based on Net Site Energy and Total Building Area)	25.07	kBtu/ft^2
OpenStudio Standards Building Type		

Weather Summary

	Value
Weather File	Piacenza - ITA IGDG WMO#=160840
Latitude	44.92
Longitude	9.73
Elevation	440 (ft)
Time Zone	1.00
North Axis Angle	0.00
ASHRAE Climate Zone	

Sizing Period Design Days

Type here to search

11:35 PM 11/11/2019

Reports: OpenStudio Results

Open ResultsViewer
for Detailed Reports

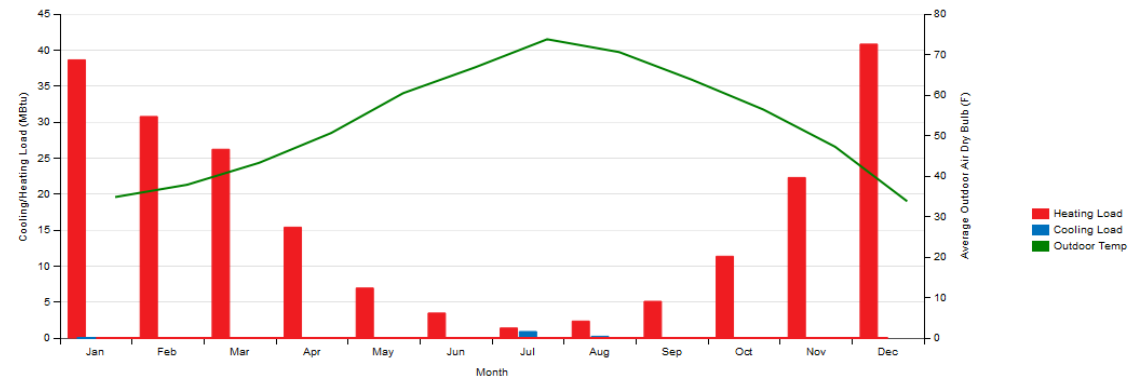
Model Summary
Annual Overview
Monthly Overview
Utility Bills/Rates
Envelope
Space Type Breakdown
Space Type Summary
Interior Lighting Summary
Plug Loads Summary
Exterior Lighting
Water Use Equipment
HVAC Load Profiles
Zone Conditions
Zone Overview
Zone Equipment Detail
Air Loops Detail
Plant Loops Detail
Outdoor Air
Cash Flow
Site and Source Summary

Water Use Equipment

No Data to Show for Water Use Equipment

HVAC Load Profiles

Monthly Load Profiles - view table



Zone Conditions

Temperature (Table values represent hours spent in each temperature range)

We can change construction options in third tab construction

