

Radiant temperature:

The mean radiant temperature of a given surface is the temperature of the equivalent black enclosure with which it would exchange the same radiative flux exchange with all the other surfaces.

Operative temperature

It's the virtual ambient Temperature with which the sum of the radiative thermal and convective linearized is exchanged which exchanges with the air and all the other surface.

Solar radiative density:

The solar constant G_{sc} is a flux density measuring mean solar electromagnetic radiation per unit area. the solar constant is not a physical constant, is an average of a varying value. And the value is 1367 W/M^2

Solar radiation characteristic

Solar radiation is attenuate both in the spectral distribution and the total radiation. This is due to the dispersion and absorption phenomenon.

Atmospheric absorption:

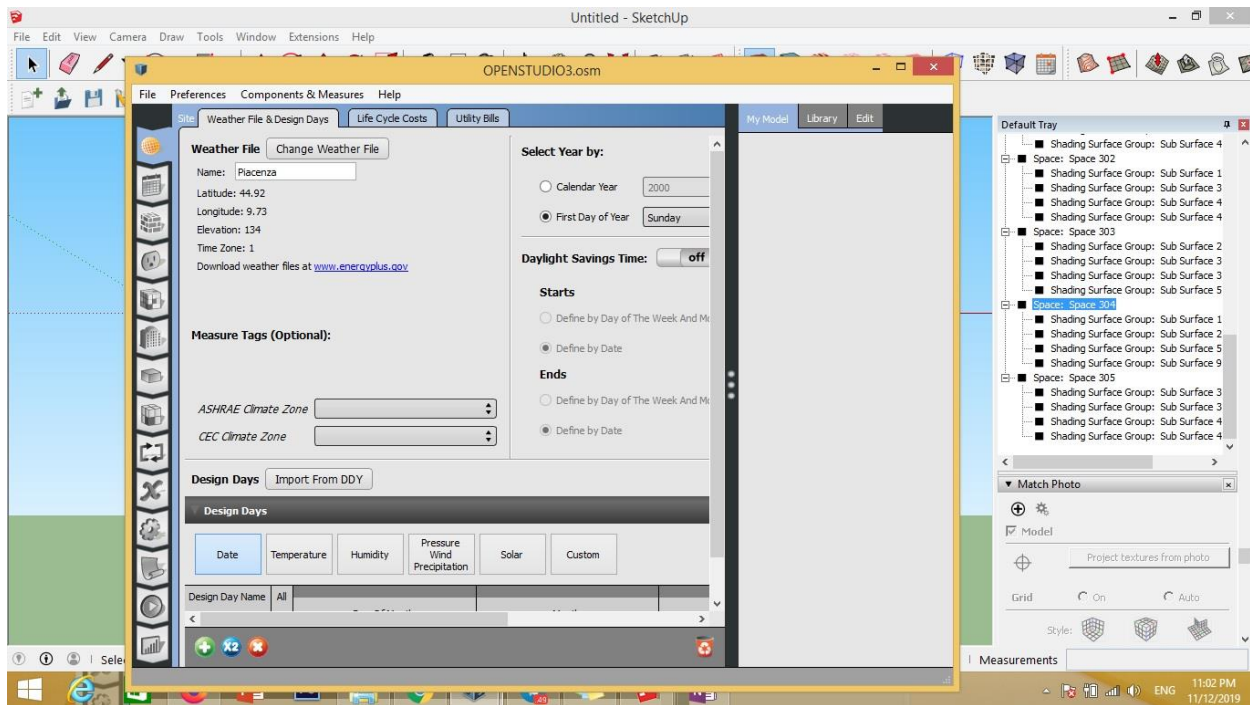
The absorption of the solar radiation is due to the atmospheric component is particular ozone, water and carbon dioxide, which absorb the incident radiation in absorption bands, consequently modifying its energy spectrum. the stratospheric ozone absorbs almost all the ultraviolet component of solar radiation.

Solar energy:

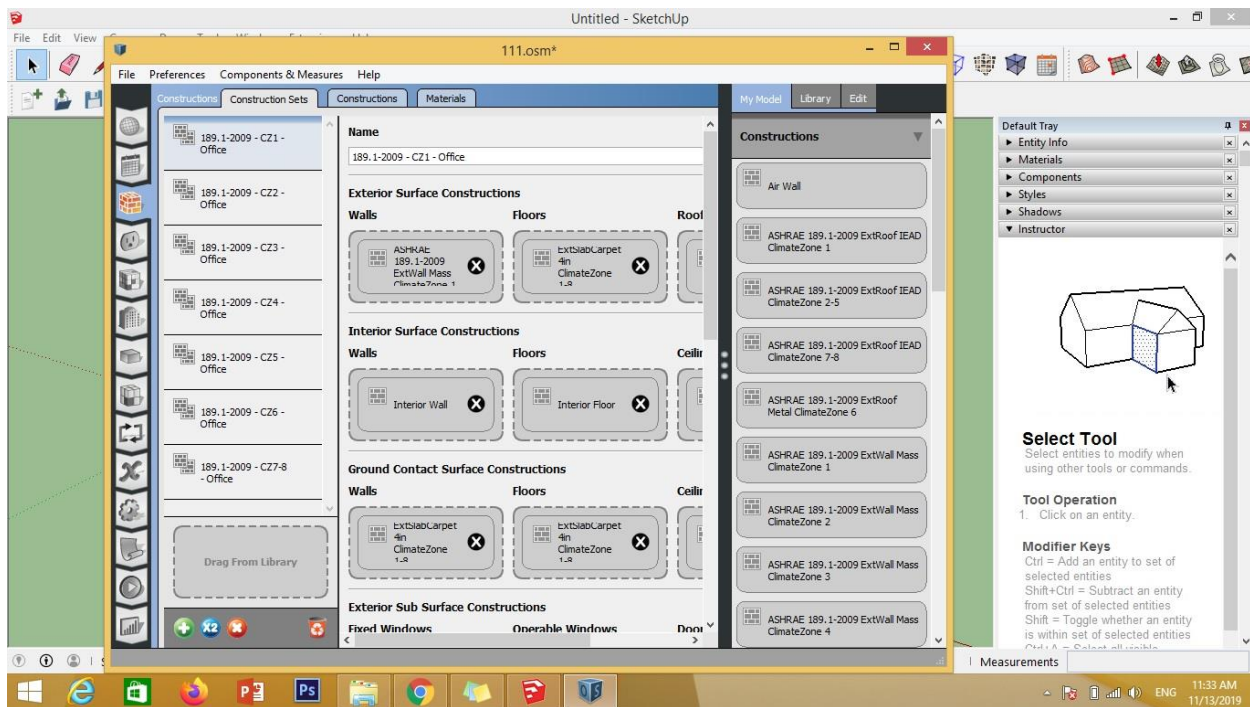
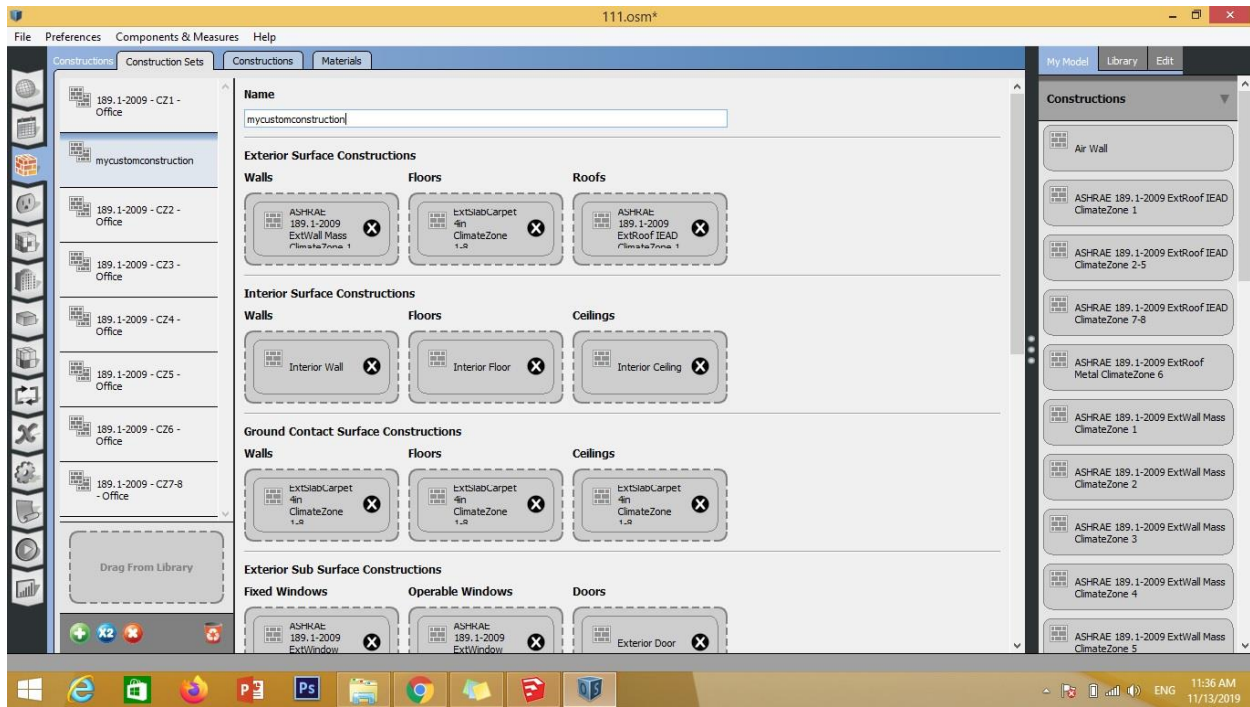
The solar radiation depends on: 1- the sun position 2- the water condition
3- the site altitude over the sea level 4- sunshine hour

Project:

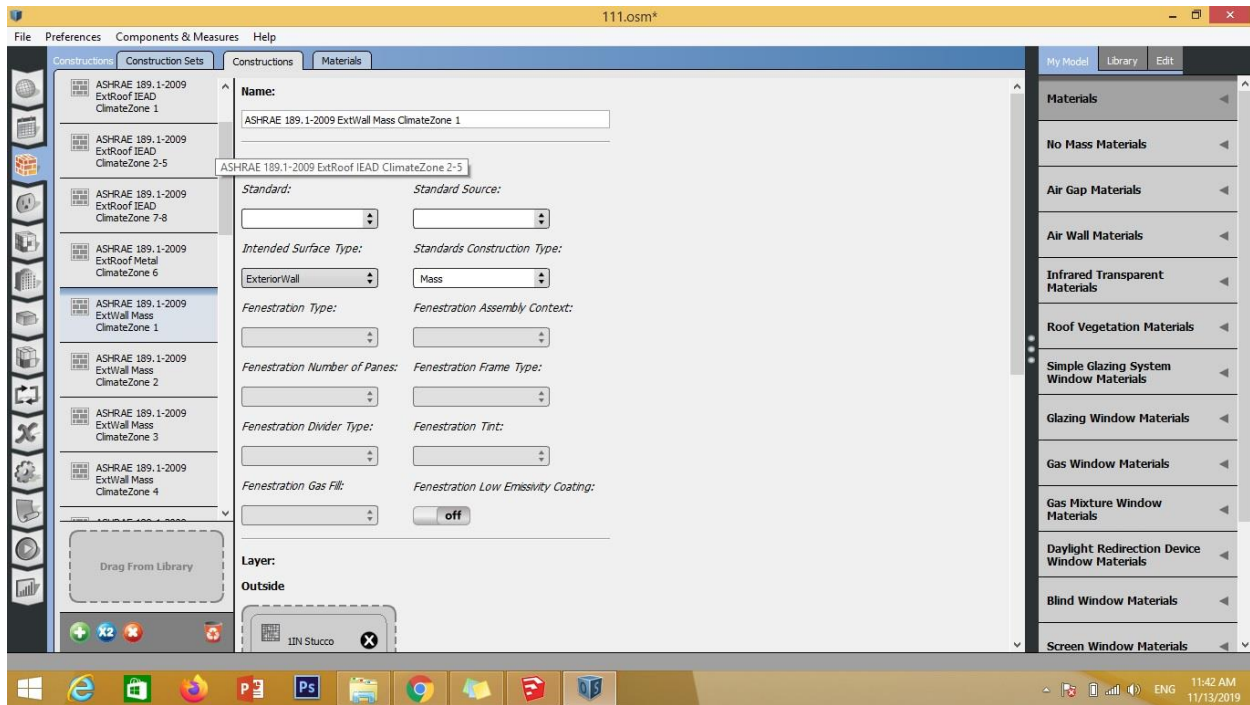
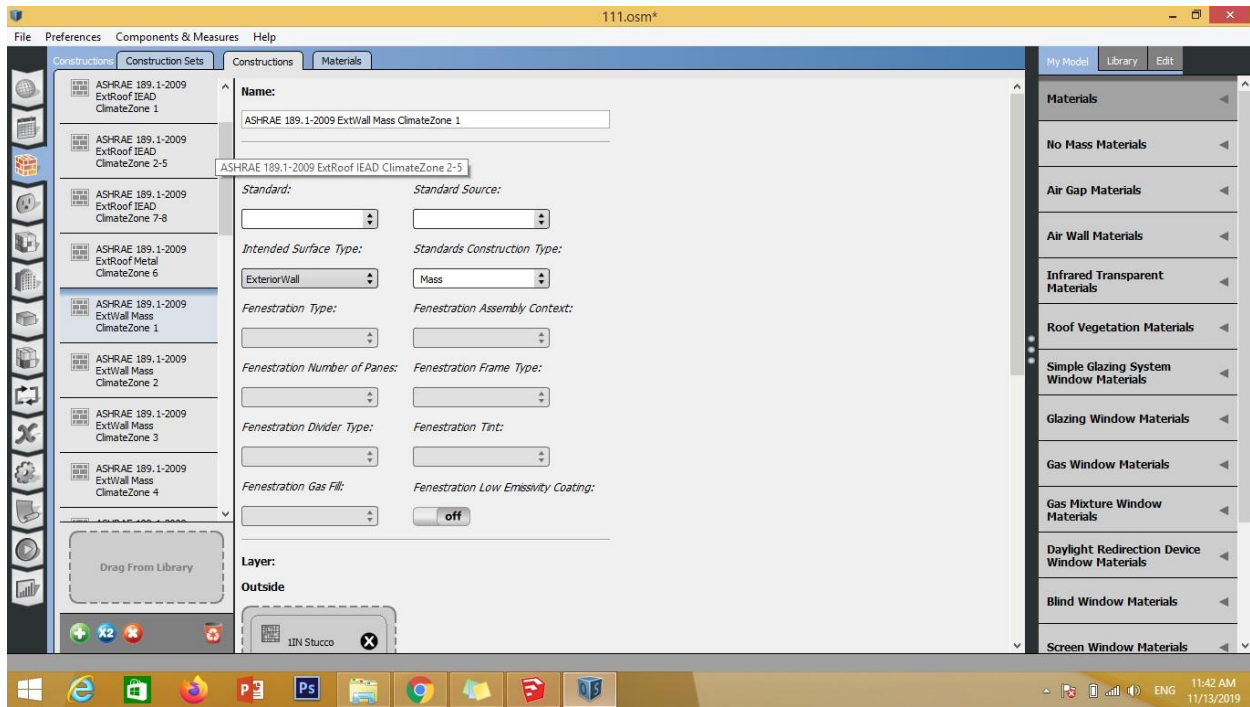
after we added the Piacenza weather we should go to “construction ‘command

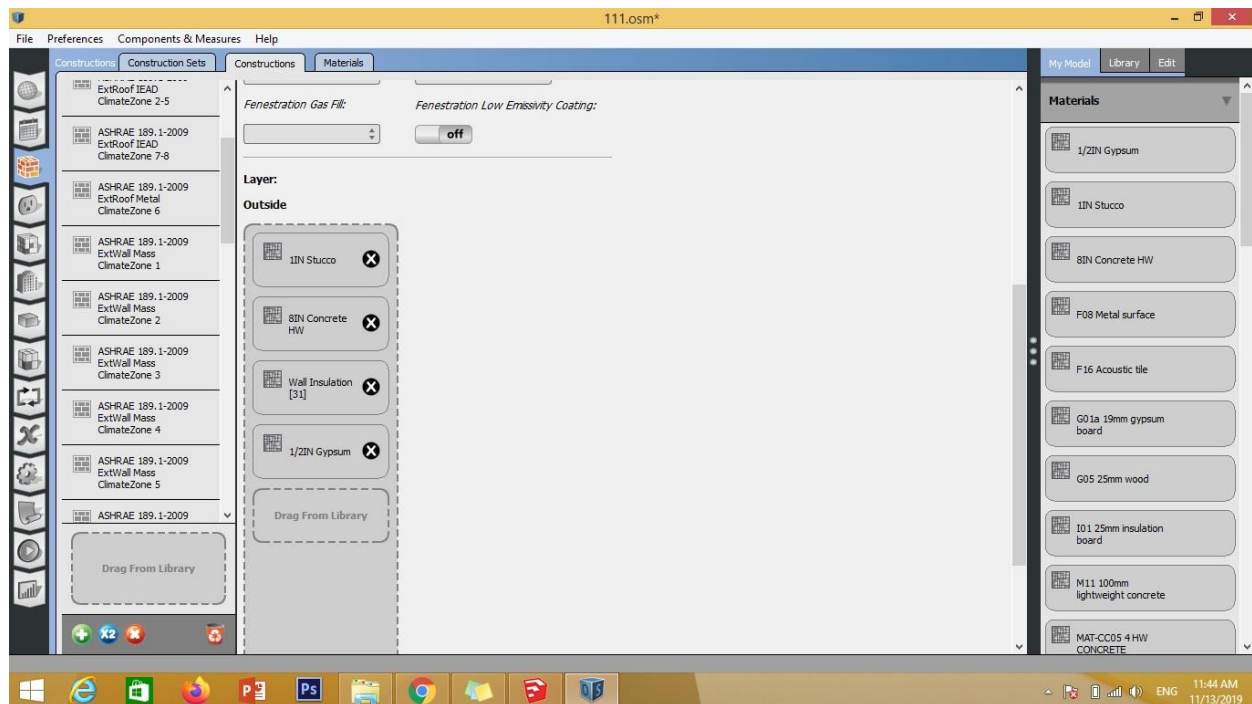


We doubled it and renamed it

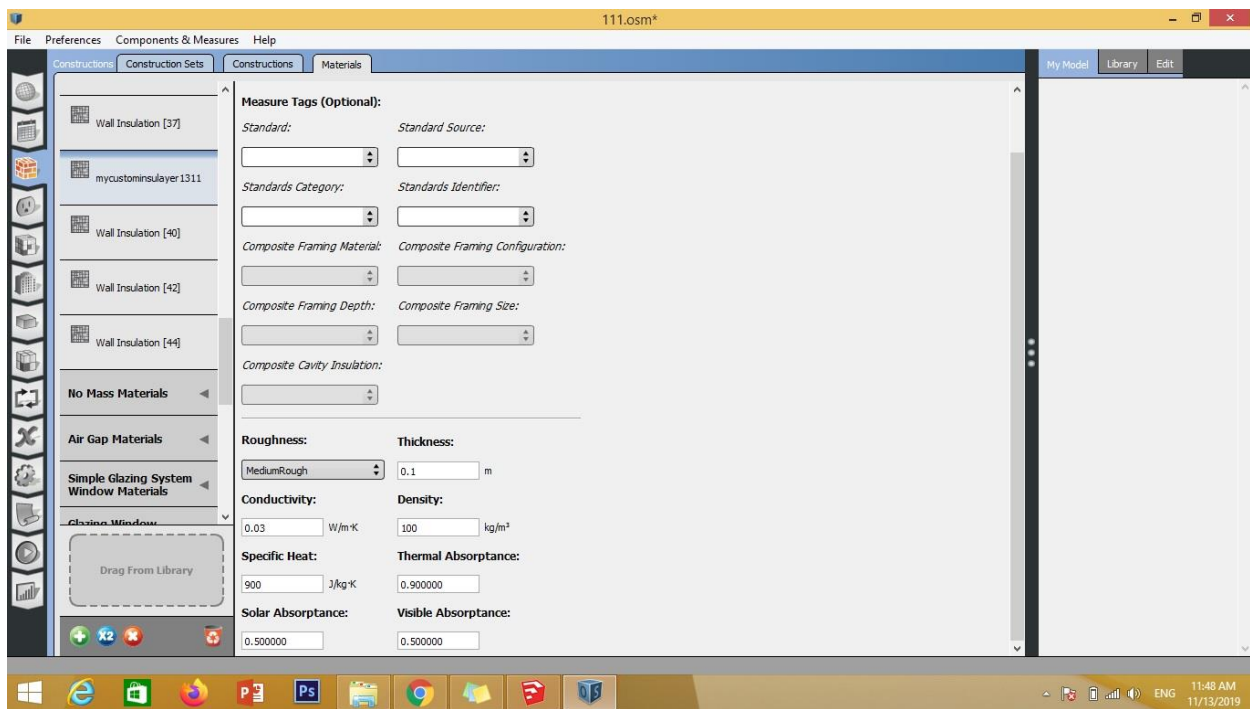
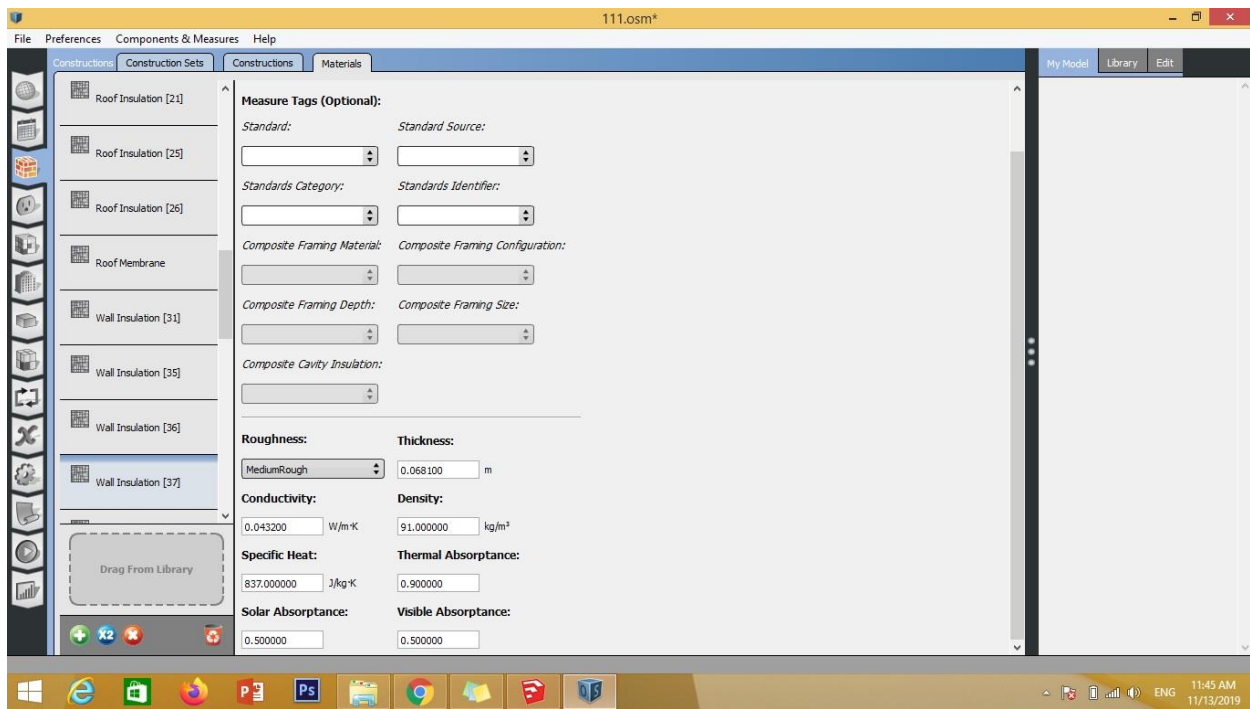


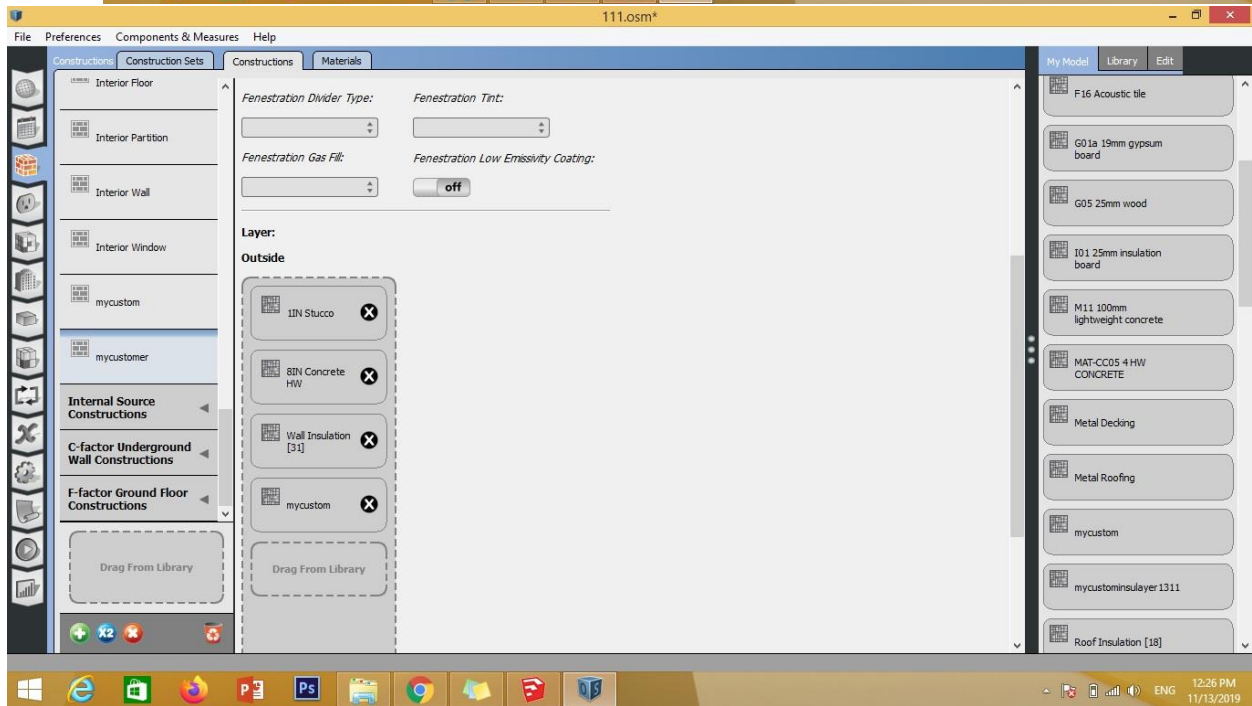
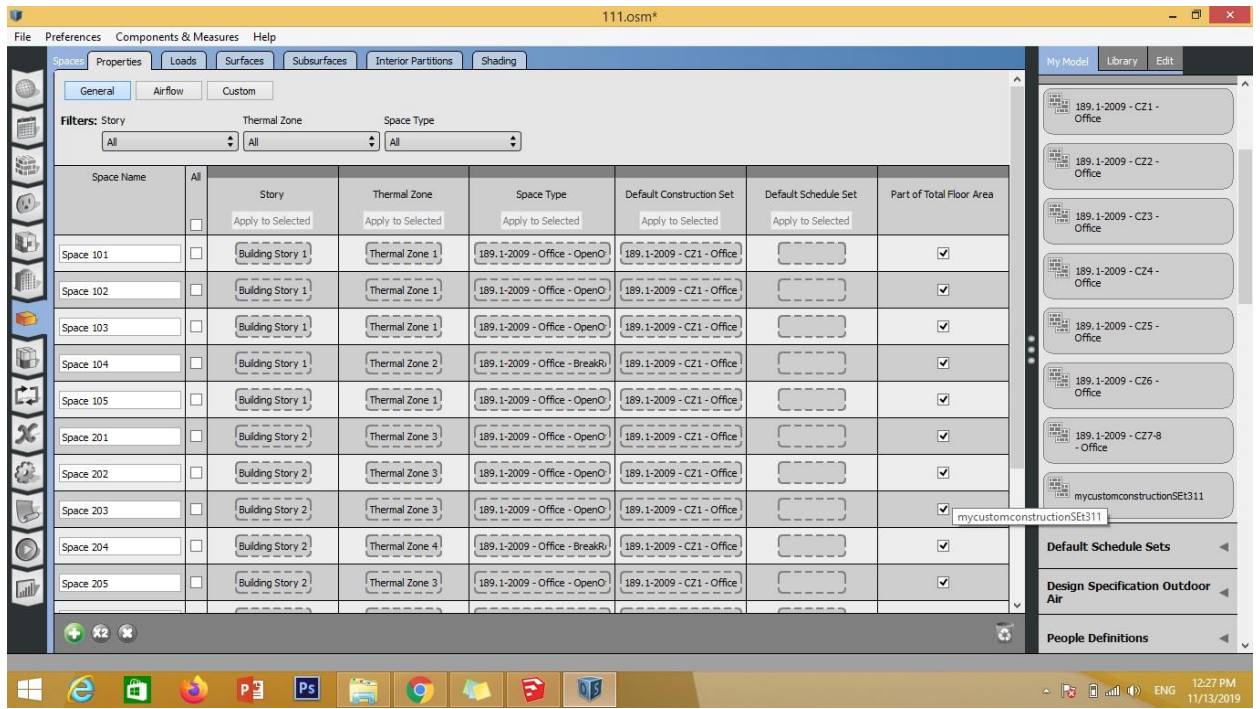
Starts customizing the wall package in the construction set

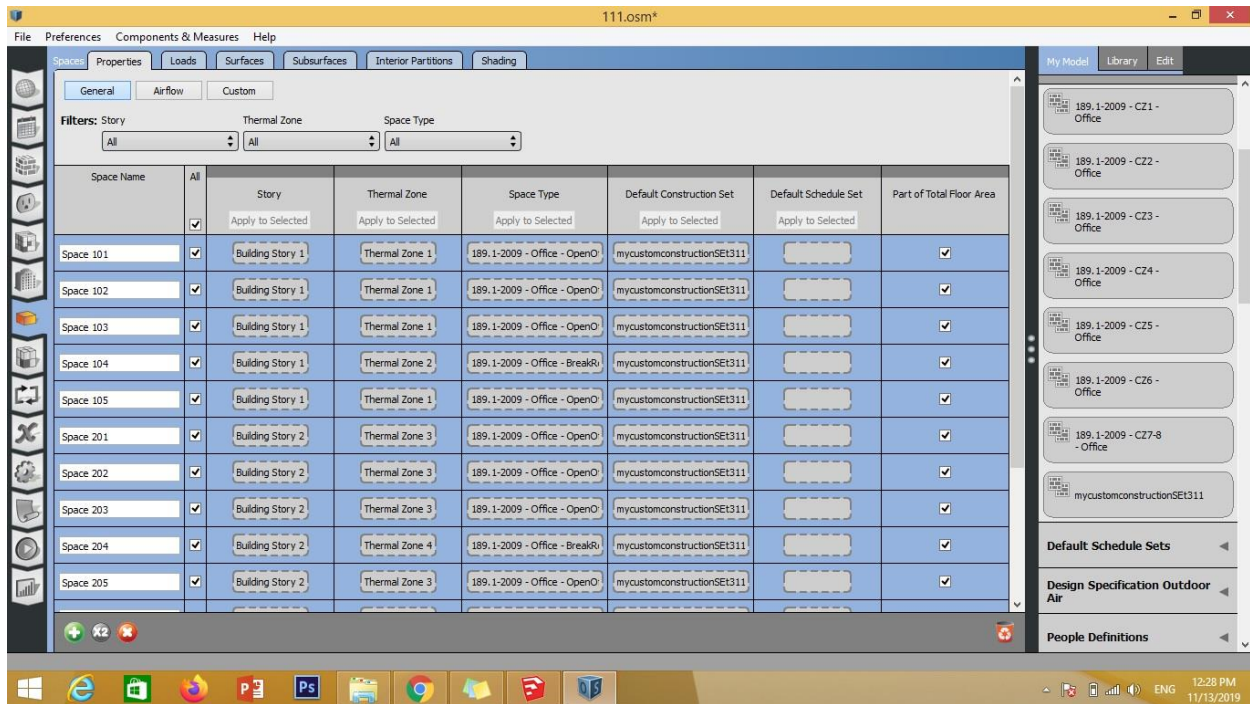




We went to space window and inserted the project layer with our modification applying to the whole building.







We can change the people in different time

