A new mixed-use building is being developed for a prime corner lot in Portland, Oregon. A café will occupy the ground floor, while the upper levels will contain several modest apartments. The adjacent buildings present quite an eclectic street edge through a mix of contemporary and traditional architecture, which the community has adamantly stated the new building should not disrupt.

The corner lot spans 50 feet from East to West along the south face and reaches 100 feet along its Eastern side. You are asked to design a unique façade for the southern and eastern faces of the café, which incorporates layering techniques. The drawing should express the structure, materiality and resulting shadows, similar to the graphic representation of the existing buildings.

In addition, create a 3D ‘massing sketch,’ which illustrates both the southern and eastern façades; specifically noting how residents can enter the building from the eastern side. The height of the building is not yet fixed, however it should complement the existing context, remembering the aforementioned stipulations.

Finally, the café level of the building should incorporate different fenestration than the residences above, including a distinct restaurant entrance on the south face with “Oregon Grill” signage, and a resident entrance in the east façade.

Tips for using the Logitech Io Digital Pen:
- Make sure to press hard during the entire drawing time.
- Draw within the page margins, staying above the ‘keyword area.’
- Keep the paper in a Portrait format.
- Do not recap the pen until you have finished the drawings.