Point, Dot, Pixel describes a set of digital, architectural drawings completed by the author for two exhibitions in early 2020. The original intent of the work was to develop new methods of digital drawing, methods that subverted the hegemony of the line and its normative conventions in architectural image making. As the drawings developed the project became a deeper mediation on the opportunities and pitfalls of points, dots and pixels as critical units of drawing. The paper considers how designers might use these three units as novel conceptions of architectural visualization.

The structure of the paper starts with a general description of the work, its process and intent. It relays how pixels were used to generate points that developed dots. These images explored different geometries, structures, overlaps and halftone techniques, each with a particular effect on the fidelity of the image.

With the technique established, the paper uses the drawings as a foundation to theoretically consider the nuanced differences between points, dots and pixels. Using
literature from art and architecture, it conveys how points have been extensively considered in past discourse, dots in relation to graphic work, and pixels in regard to digital work - the three units, however, have not been theorized in relation to each other.

The paper concludes by speculating that if a shift from lines to points, dots and pixels is comparable to the broader shift, and change in organizational logic, of networks to clouds, then the use of these three units as elements of architectural drawing might better visually represent the emergent, open-ended pluralism of our contemporary condition.

• **Author(s) Biography (200 words each):**

Johan Voordouw is an Associate Professor at the Azrieli School of Architecture and Urbanism, Carleton University and a registered architect (ARB, U.K.).

Prior to his appointment at Carleton University, he taught at the Leicester School of Architecture, and London Southbank University. He has worked in professional practice in London, most notably at Foster + Partners, in Canada and interned in the Netherlands.

Johan’s visual work has been extensively published and exhibited in Canada, the United States, England, Austria and the Netherlands, including the Academy of Fine Art in Vienna, International Architecture Biennale in Rotterdam, Royal Academy Summer Show London and the Venice Architecture Biennale.

His research interests include digital design practice, new modes of architectural representation, and its connection to fabrication and emerging theoretical discourse. Most recently he attended the Art Omi Architecture Residency in Hudson, New York. In early 2020, Johan will stage two exhibitions showcasing his *New Image of Home* project at the Shenkman Arts Centre and the Lightroom Gallery in Ottawa.