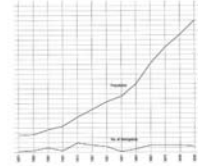


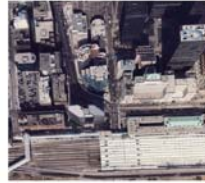
XZ Chart: Origins as a Percentage of Total Population



XY Chart: Total and Immigrant Population



XYZ Chart as Form Generator



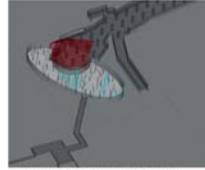
Site: University Avenue and Front Street



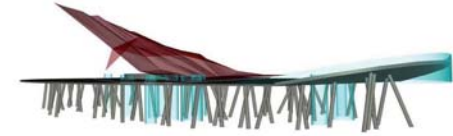
Monument for Canadian Immigrants



Museum / Orientation Centre with underground connections to Union Station and PATH



Perforated corten steel monument / light shafts



Form Generation

The form of the monument was generated by the three dimensional graphing of archived historical census data. In the x and z axes, demographic place of origin as a percent of total population and year are charted, and in the x and y axes, total population versus immigration population and year are charted. Inherently, the graphs represent the census limitations and generalizations such as inclusions / exclusions of Métis, grouping of various demographic groups, etc. More modern census data tends towards more specificity and therefore the graph becomes more complex as time progresses.

Fabrication

10 metres tall, the Monument will be constructed of welded perforated corten steel plates. The triangular and faceted form will provide for a geodesic stable structure. The perforations will reduce the objects dead weight and will create a gossamer effect.

Site

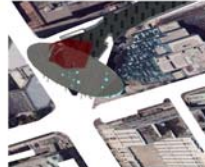
Not only is the University and Front site currently lacking as an urban site, with Union station on its southeast corner, it is a noteworthy site in Canadian immigration history.

Artificial Ground

Significantly, the southern portion of University Avenue is located over a constructed below grade parking lot. An Immigration Museum and New Canadians Orientation Centre will be constructed at this lower level with connection to the Union Station, Toronto's PATH System and University Avenue Parking.

The street level roof deck of the Museum and Orientation Centre will be the site of the corten steel monument. A series of glazed light shafts, as well as a lifted slab edge will ensure that the plaza is read clearly as artificial ground; a fitting metaphor for a structure commemorating the act of leaving one's home soil for a new life.

Monument and Plaza



Monument and Plaza in-situ

