

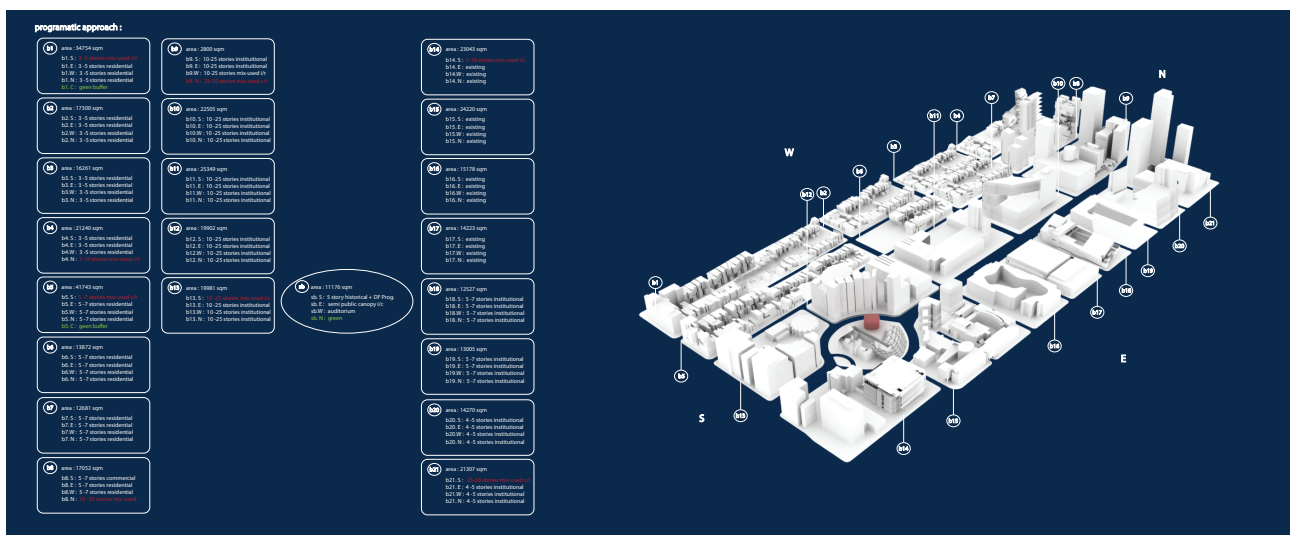
Object Oriented Land-Lot Data Architect

Introduction

In this paper I start my discussion on left over sketches , drawings and illustrations in which each drives a consistent notion in subject matter . I collected four essays in total with subjects as such ; Gaming , Object oriented transit , object oriented land -lot , and project mapping. Each article would expand the subject around feasibly of essence in theories , design practice , and form of imagination. In other words these Illustrations drive a critical thinking in architecture semantic and form finding.

Data Architect - Land-Lot Site Analysis

Object-oriented programming (OOP) is a computer programming model that organises software design around data, or objects, rather than functions and logic. An object can be defined as a data field that has unique attributes and behaviour. In this article this model has been taken to architecture language of building design and collecting data from schematic design stage to final design ; form finding and design development.



A number of additional programs are located and be placed on the site these program will improve the quality of academic and urban life fostered through the transformation of the site and eventually the stretch of Spadina avenue from college to Bloor .

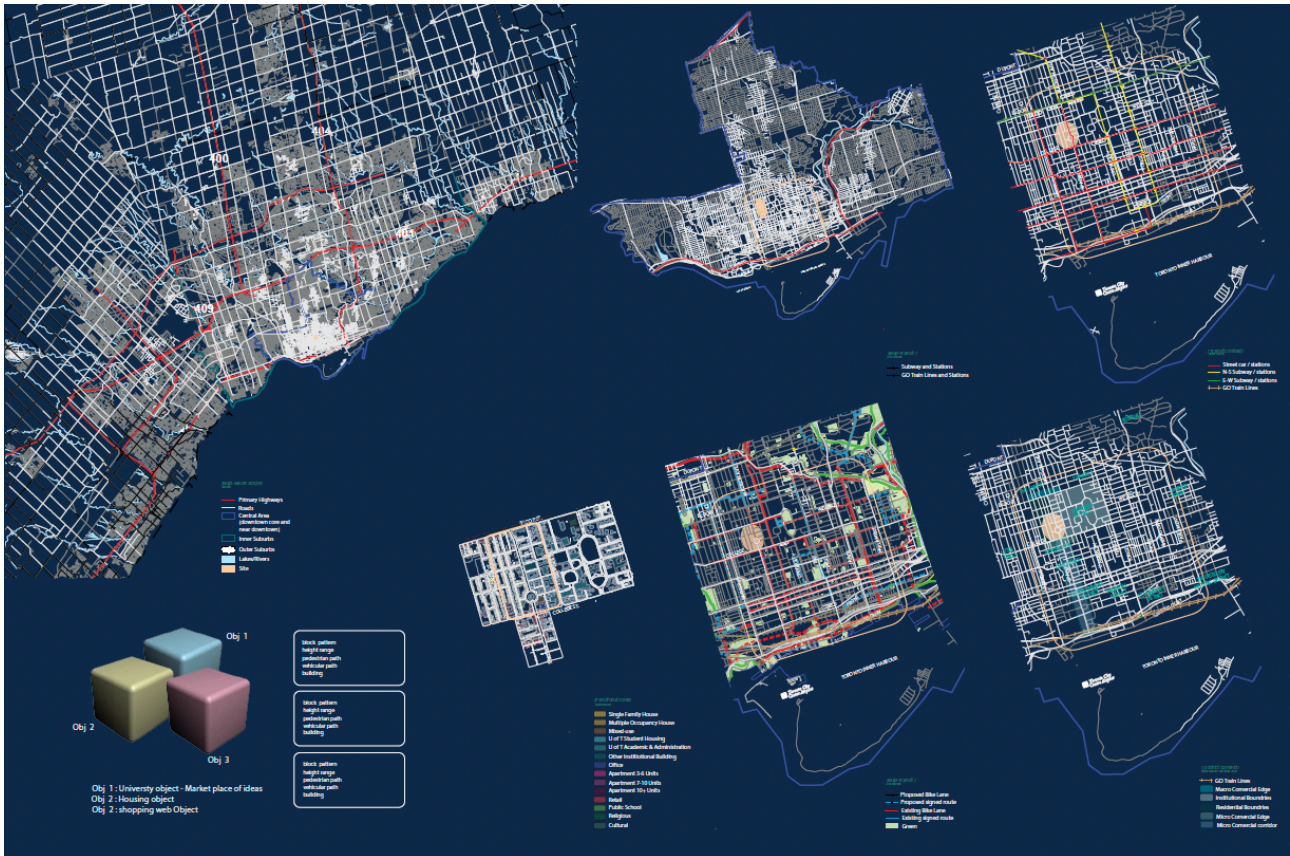
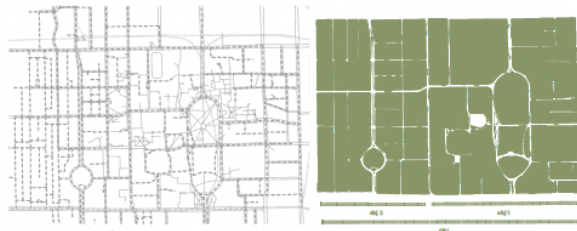


Figure ground methodology on the so called boundaries with considering three important attributes would ease the process of site analysis . Block pattern , height range , pedestrian pattern , building form and vehicular pattern are land - lot oriented objects that its been considered as three object oriented parcel . (figure 4 & 5)

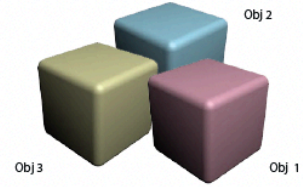


- [Functional Zone]**
public scope
- Single Family House
 - Multiple Occupancy House
 - Mixed-use
 - U of T Student Housing
 - U of T Academic & Administration
 - Other Institutional Building
 - Office
 - Apartment 3-6 Units
 - Apartment 7-10 Units
 - Apartment 10+ Units
 - Retail
 - Public School
 - Religious
 - Cultural

Energy consumption and urban texture

The effects of urban texture on building energy consumption has been experimented through the research. According to Genesio's city lab research, the analysis of digital elevation models (DEM) - raster models of cities which have proven to be very effective in the urban context has become a basic study model for the initial steps towards form generation. What has been done through their research is introducing different algorithms, including the calculation of the urban surface-to-volume ratio and the identification of all building areas that are within 6 m from a facade (passive areas). An established computer model to calculate energy consumption in buildings, the UTM model, is coupled with the analysis of DEMs, providing energy associations over extensive urban areas. Results for the three case study cities of London, Toulouse and Berlin are presented and discussed. What has been done so far in this research is taking their methodology to create an energy efficient geometry by considering its surface to volume ratio relationship.

- block, pattern
height range
pedestrian path
vehicular path
building
- block, pattern
height range
pedestrian path
vehicular path
building
- block, pattern
height range
pedestrian path
vehicular path
building



Obj 1 : Pet Architecture object 1
Obj 2 : Pet Architecture object 2
Obj 3 : Pet Architecture object 3

The campus of north american universities represent a tradition poignant in its ability to weave buildings into large urban ensembles . It is in the nature of the university : it is a large spatially sprawling organisations but subject to more manageable scales of governance and planning than the city at large . Thus its form , while specific to the university's unique character is also a laboratory , of sort , for urban experiment . One Spadina circle is of particular not only happen on the circle itself , but because the site , in conjunction with Spadina avenue from college to Bloor is the western edge of campus. These addresses the border between city and the university .