

Object Oriented Transit *Data Architect*

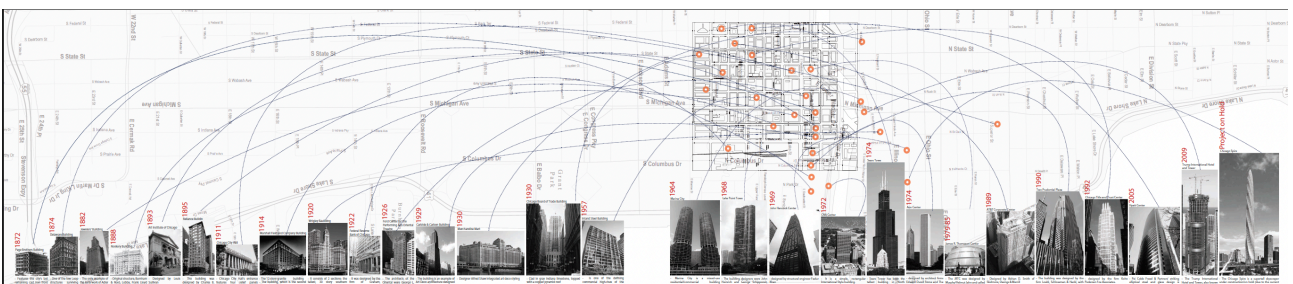
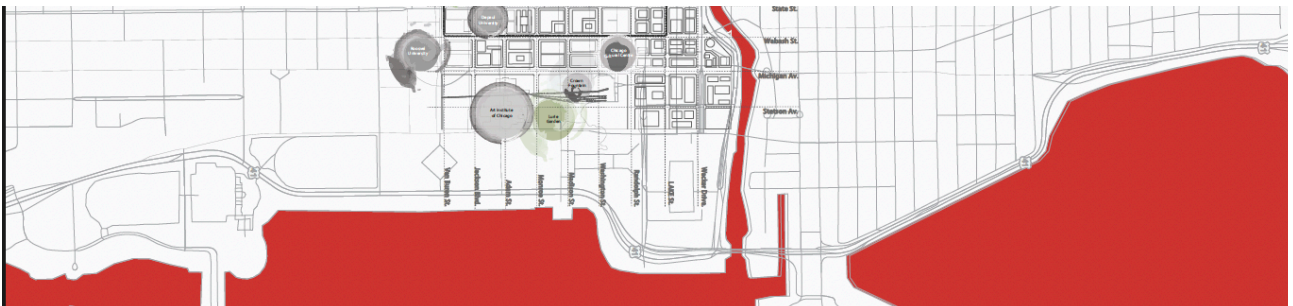
Introduction

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 - Transit 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.

These two rendered illustration are conducted in my thesis booklet in bachelor of architecture science at Ryerson university making the project



titled in ; urban greenhouse bridge on a subway loop in a tested city ; Chicago. (Figure 1 & 2) .

These diagrams are the initial data gathered in site analysis studies of Elevated Subway Station. The design taking place on top of one of these elevated station platforms. The design intention is to use the idea of *transprogramming to the space that practiced and taught during the design studio as an another way of programming the space. The installation of a (greenhouse) intended to create another functionality to the station.

To completely understand the project context, the need for analysing such space took place at the stage of site analysis. Finding the architectural drawings of station was almost impossible without visiting the site. Therefore, to have a good observation, the project started to model a typical layout of the station in Chicago. The feasibility of adding another structure on top , circulation, accessibility, scales, and light studies of various location to find an appropriate site, are features that analysed for the purpose of design.

The project is an articulation of a series of inquiries into the relationships between urban development and " Nature", Using agriculture as the point of departure. There are a number of specific initiative that are informative when considering the relationship that my project will have with the roles that it could perform.

The conception of a program for the Urban Agricultural installation Hub is, to engage people in the issues surrounding mental- health security, urban ecology, and the role of design in city planning specially in a financial district of the highly industrialised cities. The totality of the programming will work with the network of green space and act to plug into different networks to generate ecologies between them. This urban installation hub acts as a passage way between different parties with various scope to tie them together to concern about urban landscape in physical and socioeconomic ways. (Figure 3 & 4) .

[Project Statement]

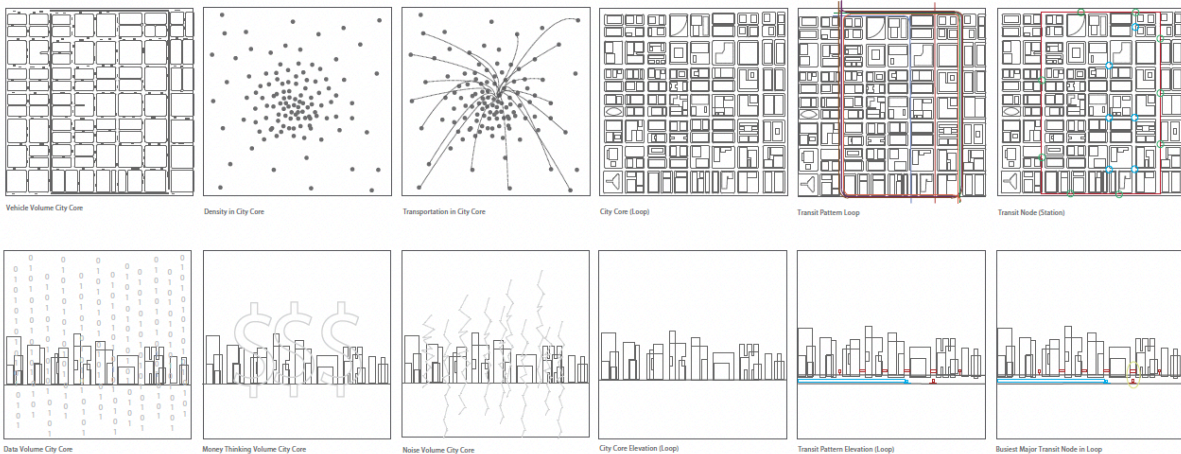
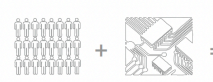
By measuring the dimensional definition of the context, a physical volume can be provided to measure the cultural and physical behavior defined by the first spatial location on human history. A methodology is proposed to measure the physical behavior of the city core, which is defined by the first spatial location on human history. The methodology is defined by the first spatial location on human history. The methodology is defined by the first spatial location on human history. The methodology is defined by the first spatial location on human history.



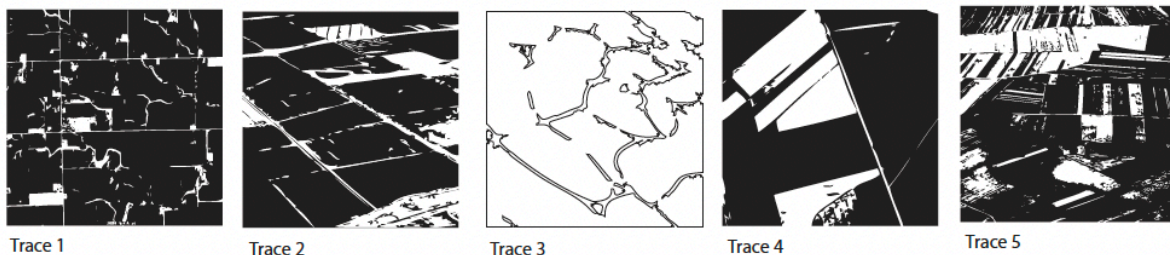
Physical types of art to our criteria that require human bodies physical reality, and a criteria to that the history of the art object is the human body itself.

The proposed urban element is a space that structure, history, and physical reality to those that of it. The design will be designed to be a space that structure, history, and physical reality to those that of it. The design will be designed to be a space that structure, history, and physical reality to those that of it.

Physical of the city: Los Angeles, San Francisco, Chicago, Toronto, New York, London, Paris, Hong Kong, Beijing, Tokyo.



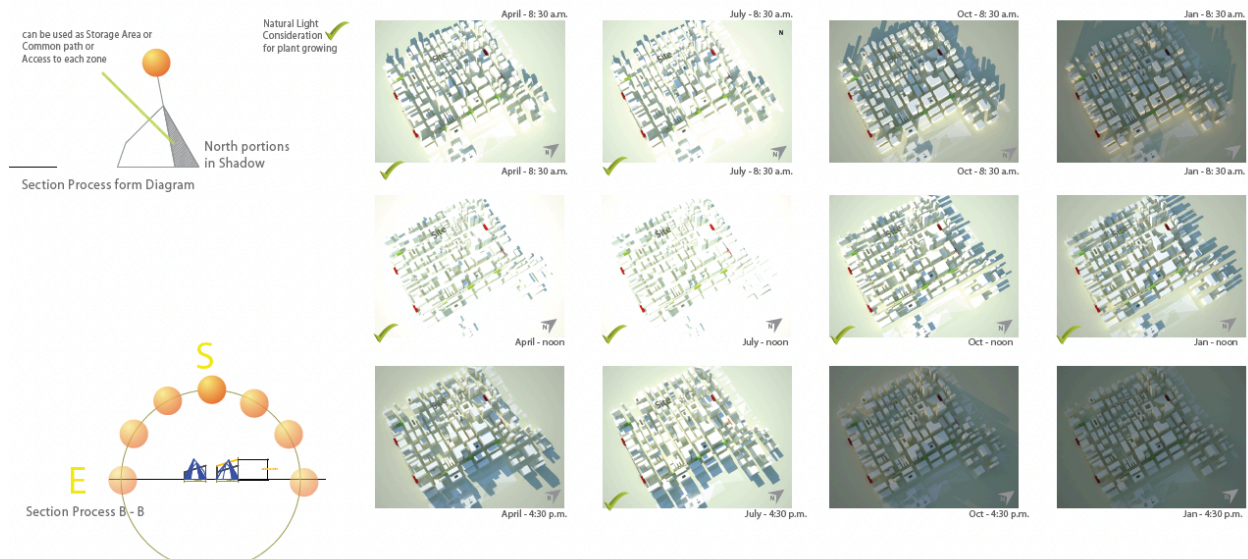
Although, there are several strategies exist within a downtown core of large cities specially in developed countries, but the need for green movement would never going to be stopped. The role of the programming of the transprogrammed structure is not just to focus on agricultural issues, and urban ecology but also providing an urban space for city users to unwind from the regular flow of city centres, and to stress down their daily live spending in city centres by having a long term goals of planting, which assist to bring happiness for a post modern industrialised human being as everyday city users. (Figure 5 & 6)





All figures are shown the contradictory and contrasting defined by design concept. Also, the program would provide the learning opportunities between communities to be self productive and not so isolated from nature. The Hub also, acts to serve the larger network, and it does that by facilitating an environment of critical analysis, discussion and learning. The program has the potential of growing by considering the need for any activities that can be an assets in the project initiative concept.

For example, there can be recreational facilities or any sort of landscape features such as water features and park related environment features. The interest of this project would be such a design of an info hub that absorbs urban users awareness by transprogramming to the existing infrastructure hub as a critical node in such city like Chicago. Also, the configuration on



functional space is according to site conditions and it would be dependent on the functionality of an existing space to work with interns of accessibility to the site and the operational hours of that specific function. in the following page this spatial configuration would be demonstrated.

Light study analysis is one of the important feature affecting the design process. Natural light observation of the intensified site, is a big challenge for the design. It will affect the orientation of the greenhouses roof angle. Also, design the interior space, will consider this observation as a tool to create spaces that need to be in the shaded area, and the orientation of the garden beds would be affected as well. The site orientation would be on South - North Line. Light Study demonstrated in the mid month of four season, considering the time between early morning, noon, and after noon (rush-hour). (Figure 7)

In conclusion , these sketches and primary illustrations at the stage of schematic design are most important features making the design process feasible and possible . In order to get to the final form finding thousands of thousands of such data gathering occurs to shape the final scheme .

These images are the language of this paper which is the language of exercising the architecture as a tool to create a haven in an intensified environment of citifies for most technological affected 21st century mans . This research deals with the urban space and investigates the feasibility of creating an urban agricultural greenhouse in the vicinity of a crowded, hectic and stressful context. Chicago is selected to carry out the design objectives as a setting to work on.