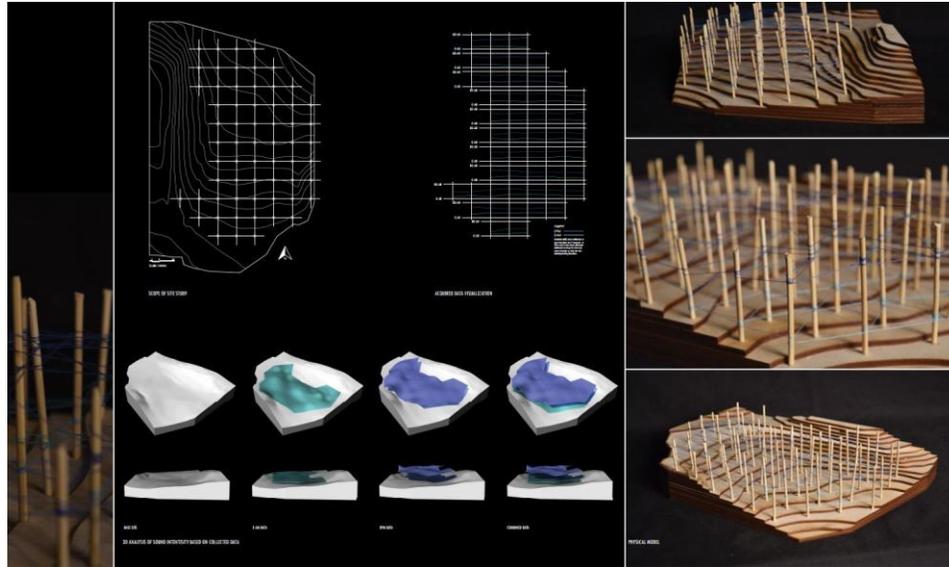


Graphics I_EVDA 541_ARST 451: Boutin + Parker Fall 2017
Assignment 4: Site Mapping Immaterial Flows: Site Model
Assigned: 2017.10.02
Due: 11:59 PM, 2017.10.15



Dan Szymanski, EVDS 2015

Description

Understanding a site requires a rigorous approach to documentation, analysis and communication. Many of the forces that will impact your site are not static. Weather conditions, movements of people, sounds, smells and the various micro-climates that exist before you begin designing, should be understood before you begin to develop a design strategy for the site. In this assignment, you will produce a series of three dimensional maps/diagrams that communicate time based information about your chosen site. You will do this through first documenting the site by recording time based information about that site, followed by a process for converting that information into digital and ultimately physical models.

Process

1. Using recording devices and notes, document this site at various times of the day for set intervals of time. For example, you might record a video for 10 minutes at 3 or 4 different times of day.
2. Choose a time-based factor for documentation and using Photoshop/Illustrator tag the information in the frames of the recording. For example, if you choose sound you might record sound readings at various positions on the site.
3. Develop a diagram/map that condenses a large time frame into a single image.
4. Translate the image into a 3-dimensional diagrammatic model of the site. This model should retain some of the physical characteristics of the site while integrating the immaterial aspects of the site.
5. Create a physical model of the site that materializes the information you have gathered of the site. The model does not need to be to an exact scale but should maintain the general proportions of the site.

Mapping Immaterial Flow: Luminosity

Kristen Forward

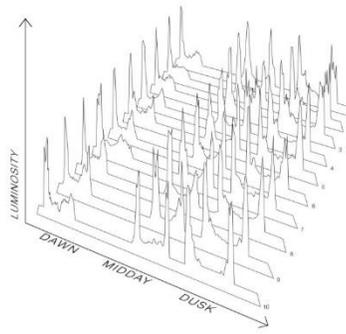
Documentation Process



Over multiple days a series of long exposure panoramas were documented at the proposed points of interest during each the morning, midday and evening. Each resulting picture was then tested and recorded for its overall luminosity and compared to its neighbouring time of day.



Physical Model



Each point along the defined section depicts the average span of luminosity a person experiences on average throughout a given day.

Kristen Forward, EVDS 2015

Immaterial Flows Time

Process:
In half hour segments, the amount of time that people spent on the main pathway, the secondary pathway and the bench was recorded.

I then diagrammed the average time spent in these three areas two dimensionally by representing each second as a dot on the topography. This process did not translate well three-dimensionally so I translated the data differently for my three dimensional diagram. I excluded each of the spots where data was taken by a specific distance according to the data. For example: 46 seconds = 4.6' extrusion. I then used the 3D diagram as a blueprint for my model.

2d Diagrams

3d Diagram + Model

3D Pathway Diagram of Secondary Pathway Exhibitor 4.1* Bench Exhibit 4B*

Sara Rennie, EVDS 2016

Deliverables

This is an individual Assignment. Post all images (of both the diagrams and model) to the blog and **bring your models to class for review on Monday October 16th**. You will produce:

- Diagrams that describes the process of documenting the site and making the model.
- The resulting model.