



Mapping The Informal

Practices of the Global South Spring 2013

Nick Binder

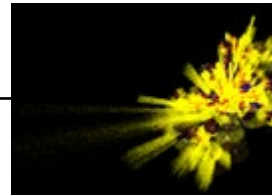
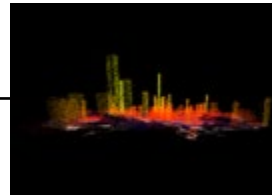
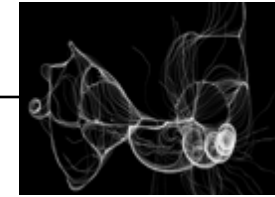
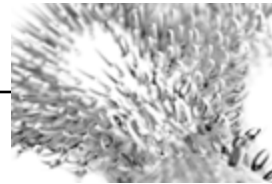
Xue Yang

Jared Grace

Ephemeral Mapping

- Robert Hodgkin

- Aaron Koblin



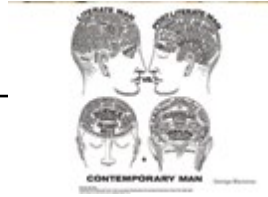
Data Driven Maps

- Dave Bowker

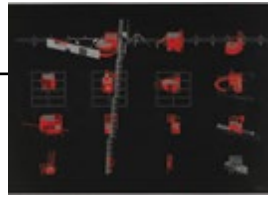
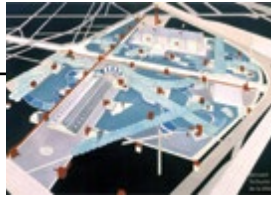
- Stephan Brautigam



Drift



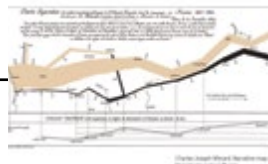
Layering



Game-Board

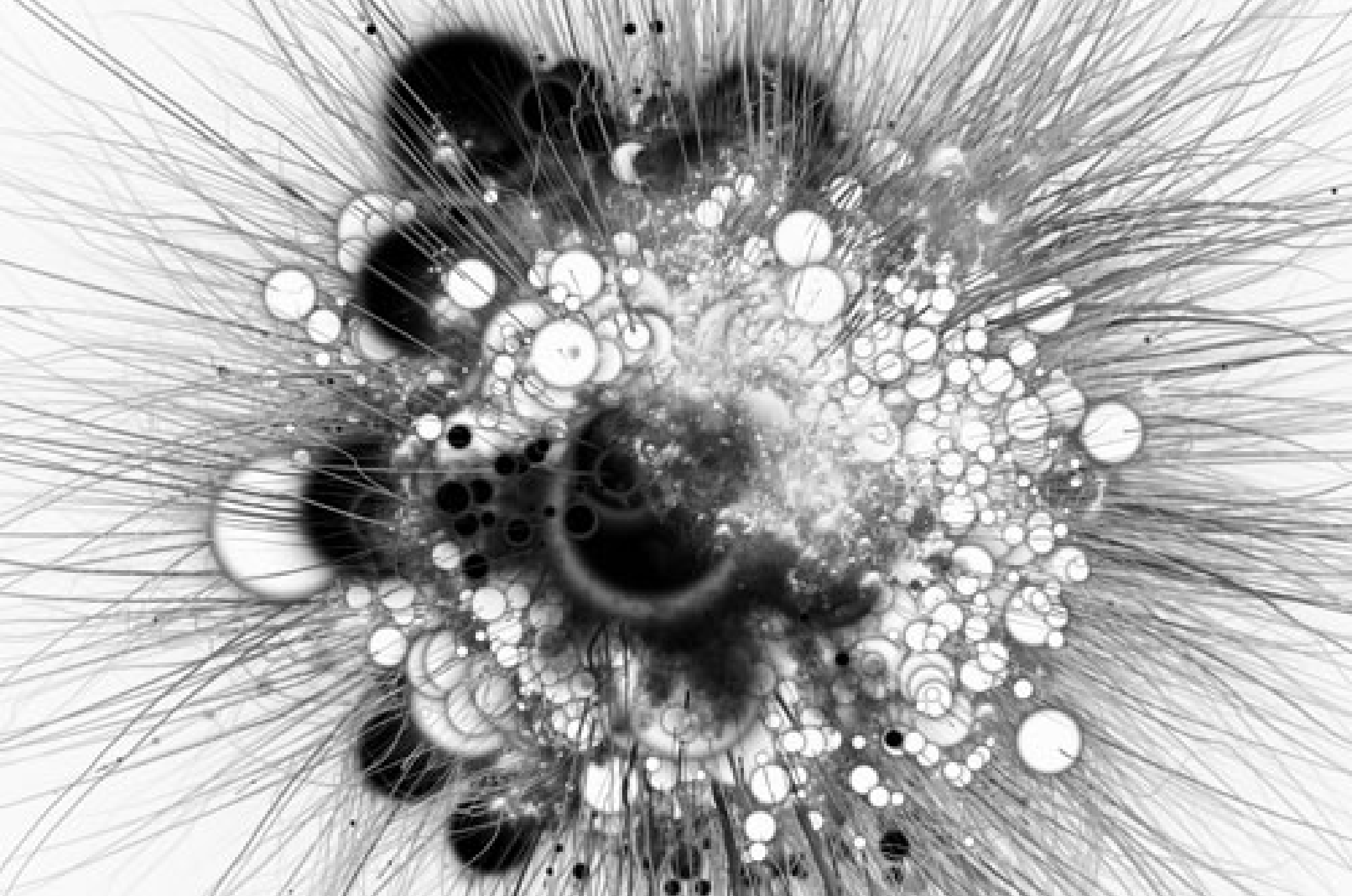


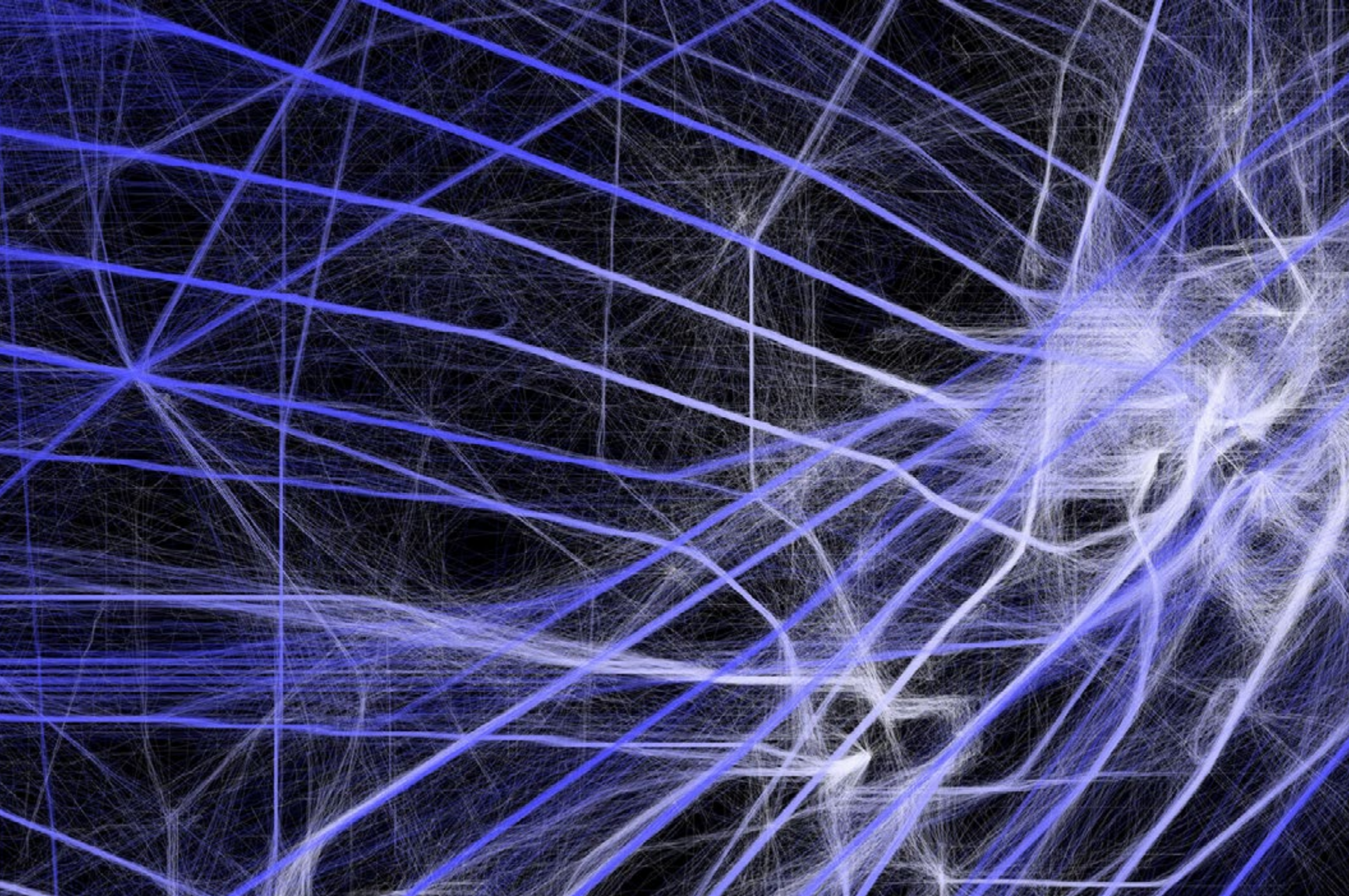
Rhizome

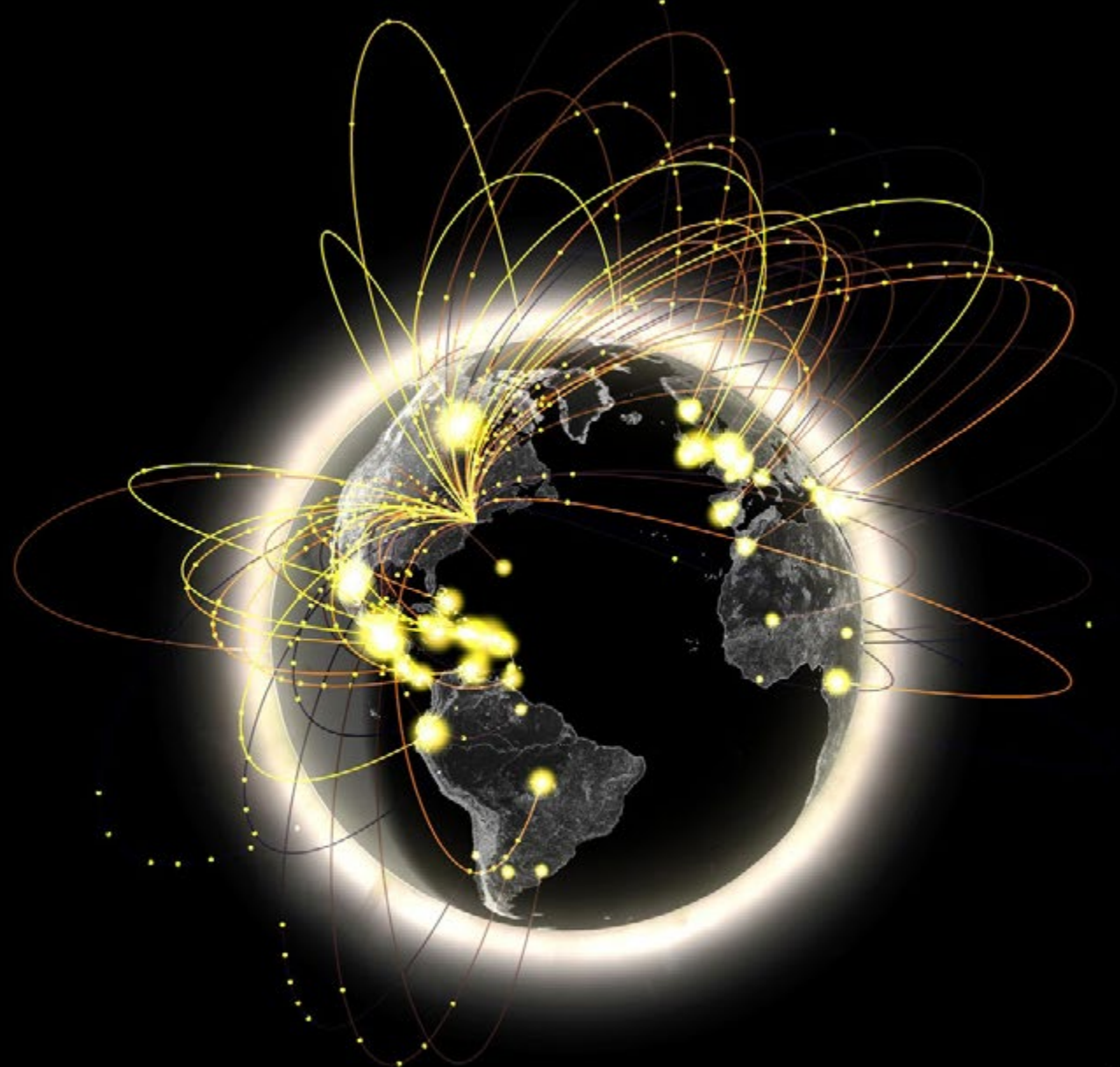




Robert Hodgkin has been captivated by invisible forces since he first programmed a magnetic repulsion effect six years ago. Since then, Robert has explored the phenomenon of electrostatic fields and gravitational forces, using these invisible forces to create audio visualisations, natural simulations, and artistic interpretations.





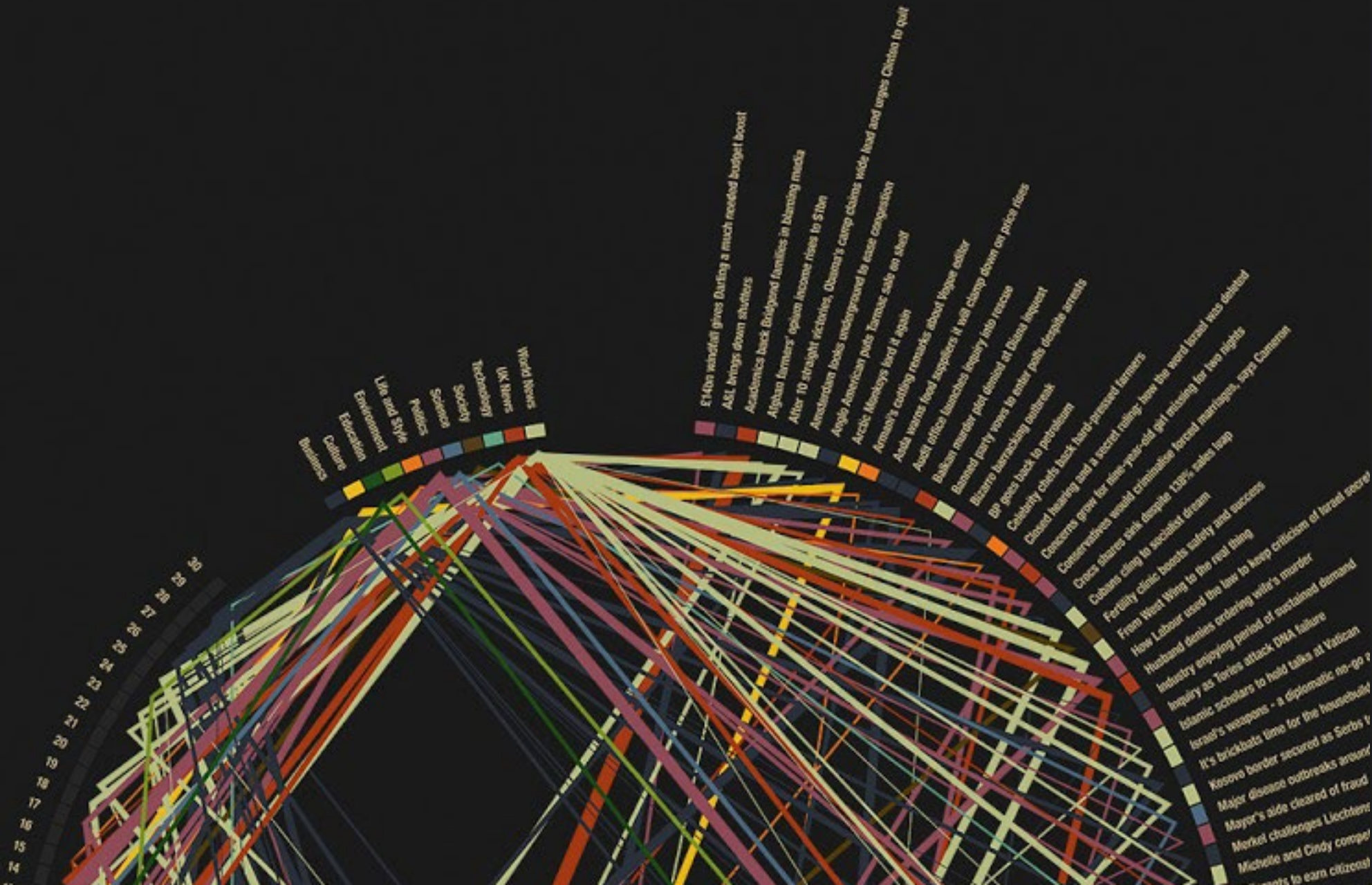


Globe Encounters

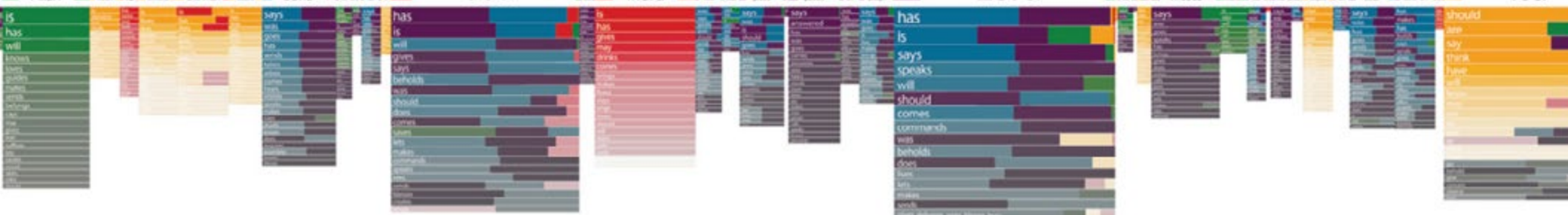
In the Information Age, the flow of Internet traffic between locations is nearly ubiquitous. Globe Encounters visualizes the volumes of Internet data flowing between New York and cities around the world over the past 24 hours. The size of the glow on a particular city location corresponds to the amount of IP traffic flowing between that place and New York City. A larger glow implies a greater IP flow.

IP traffic | total
outgoing from new york









Mapping the Informal

Ephemeral

Jan Rothuizen

Soak

Attempting to produce ephemeral
understanding through data driven
research

Robert Hodgkin

Aaron Koblin

Data

Dave Bowker

Stephan Brautigam

Philipp Steinweber

Andreas Koller

Mapping Techniques

Drift

"Map reflected subjective, street-level desires and perceptions rather than a synoptic totality of the city's fabric." (231, Agency of Mapping)

Layering

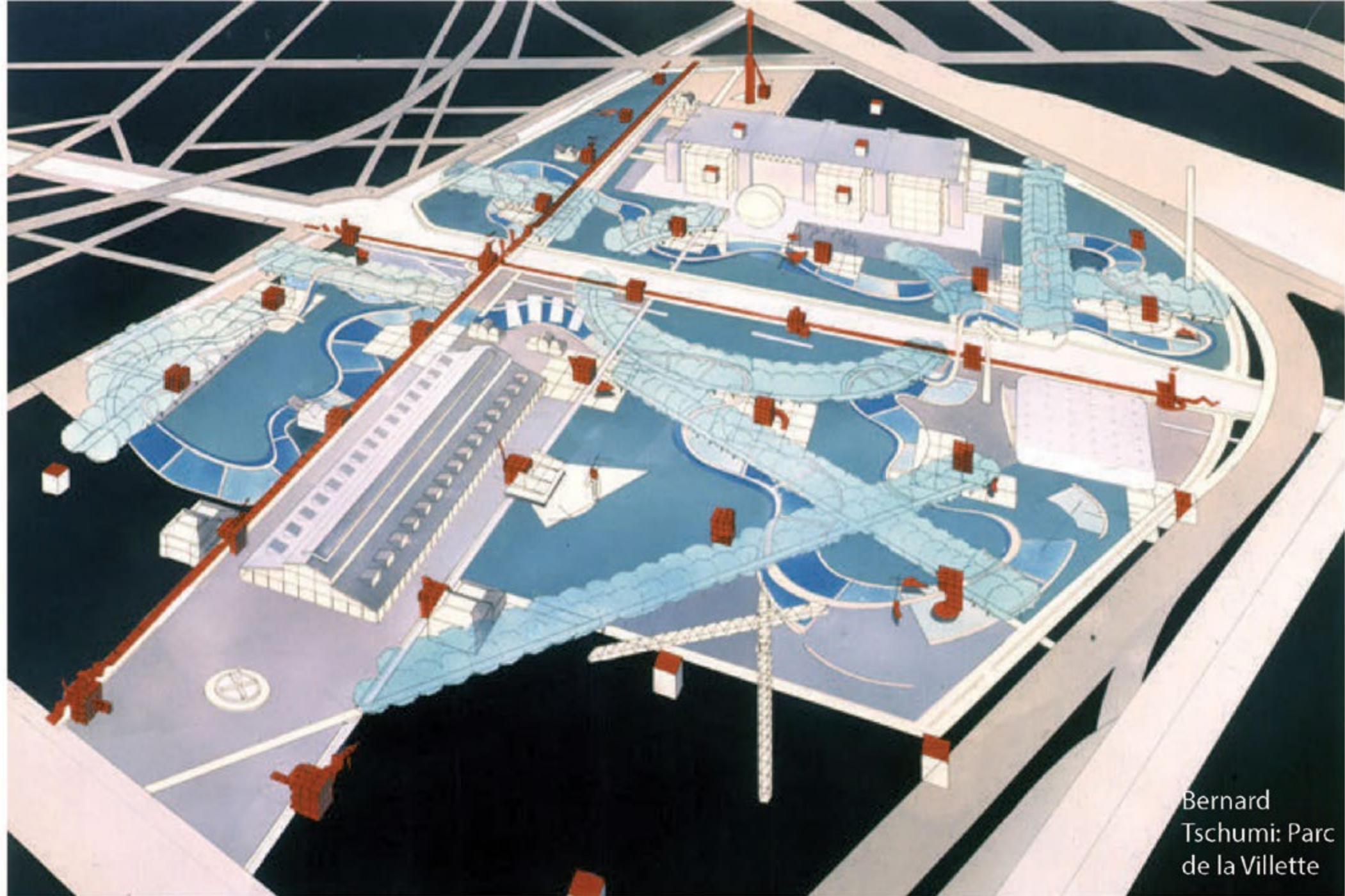
"...the superimposition of various independent layers one upon the other to produce a heterogeneous and 'thickened' surface." (235, Agency of Mapping)

Game-Board

"...cities are dynamic and multiple; they comprise a vast range of 'players' and 'agents' whose 'effects' flow through the system, continually reworking the variety of urban spaces in any given field." (240, Agency of Mapping)

Rhizome

"The rhizome connects any point to any other point...it has neither beginning nor end, but always a middle (milieu) from which it grows and overflows, [constituting] linear multiplicities." (244, Agency of Mapping)



Bernard
Tschumi: Parc
de la Villette



Raoul Bunschoten: Proposal for
Bucharest, Romania

Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

Dressée par M. Minard, Inspecteur Général des Ponts et Chaussées en retraite.

Paris, le 20 Novembre 1869.

Les nombres d'hommes présents sont représentés par les largeurs des zones colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en lettres des zones. Le rouge désigne les hommes qui ont été en Russie, le noir ceux qui en sont sortis. Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M. M. Chiers, de Fiquier, de Fezensac, de Chambray et le journal inédit de Jacob, pharmacien de l'Armée depuis le 28 Octobre.

Pour mieux faire juger à l'œil la diminution de l'armée, j'ai supposé que les corps du Prince Jérôme et du Maréchal Davout qui avaient été détachés sur Minsk et Mohilew et ont rejoint vers Orscha et Witebsk, avaient toujours marché avec l'armée.

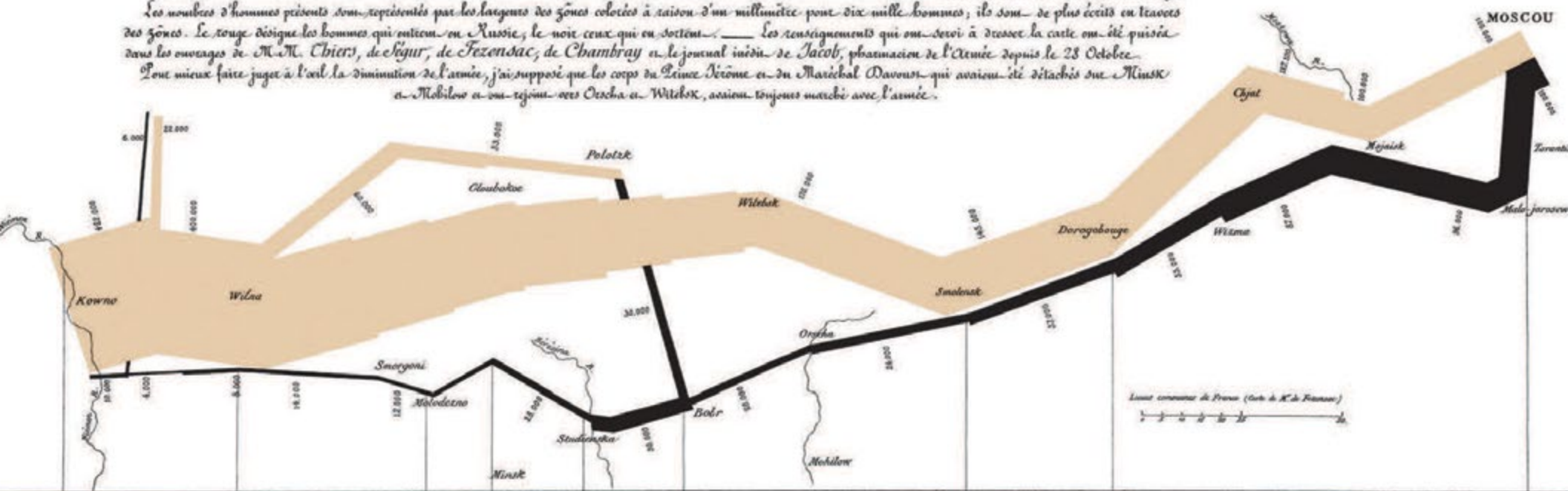
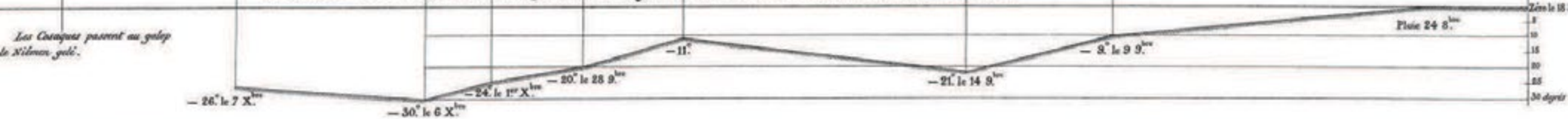


TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.



Les Cosaques passent au gèle de Niémen gelé.

Imp. Lth. Bignon et Desobry.

Charles Joseph Minard: Narrative map of Napoleon's army in Russia

Experience Driven Diagram

Case Study: SOAK

Image Lexicon

Photosection

A Photosection sequence that cuts through time and space with rhythm and purpose.

Line Drawing

A drawing that constructs a landscape from a terrain by calling out things - objects, topographies, divides.

Terrain Plot

A composite print that weaves two or more landscapes on a gradient to allow new extractions and meanings.

Mithiterrain

A ground that extends from the confined Mithi of maps through the agency of design projects that build resilience.

Photowalk

A photographic recording that gathers moments, rhythms and adjacencies of a terrain.

Project

A layered drawing that transforms a photowalk through naming, sectioning, seeding, and programming.

Place

Ground

Armature

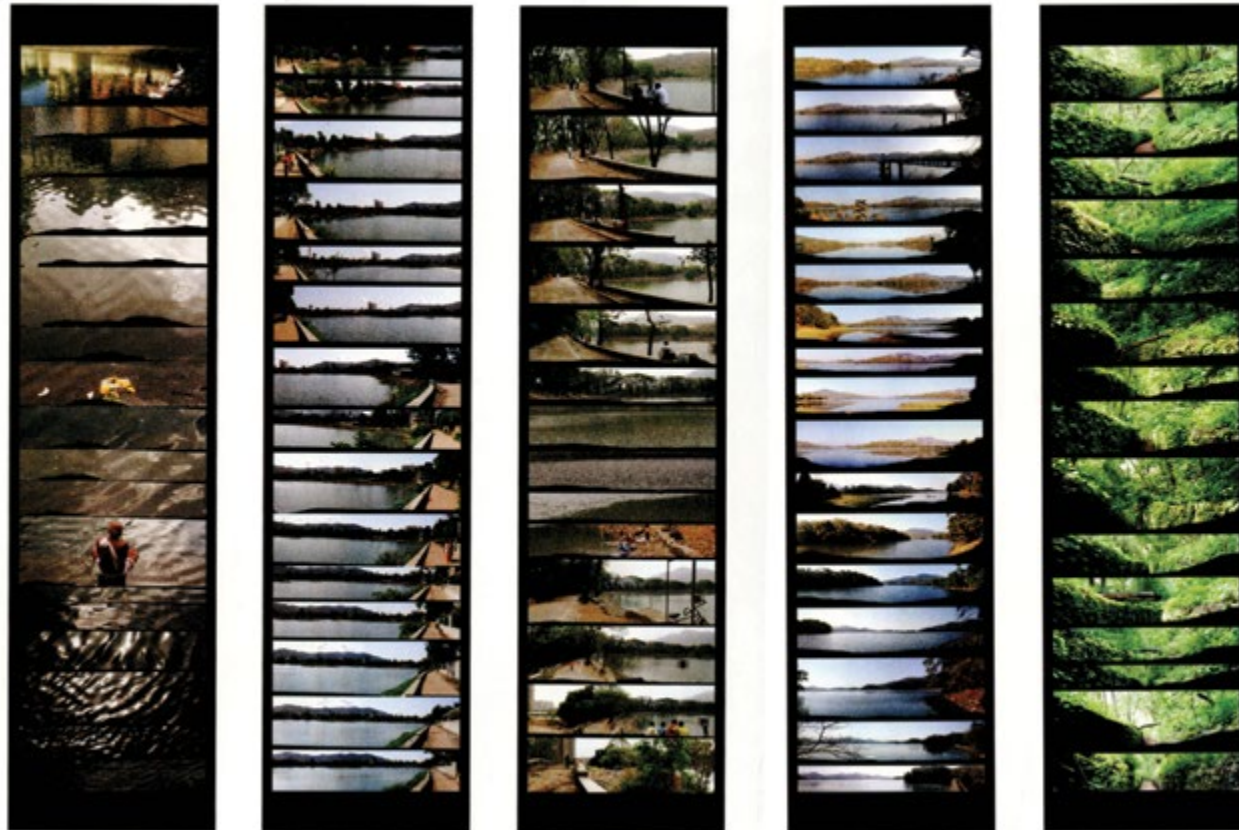
Notation

Perspective

A sequence of montages that relate multiple initiations on a horizon

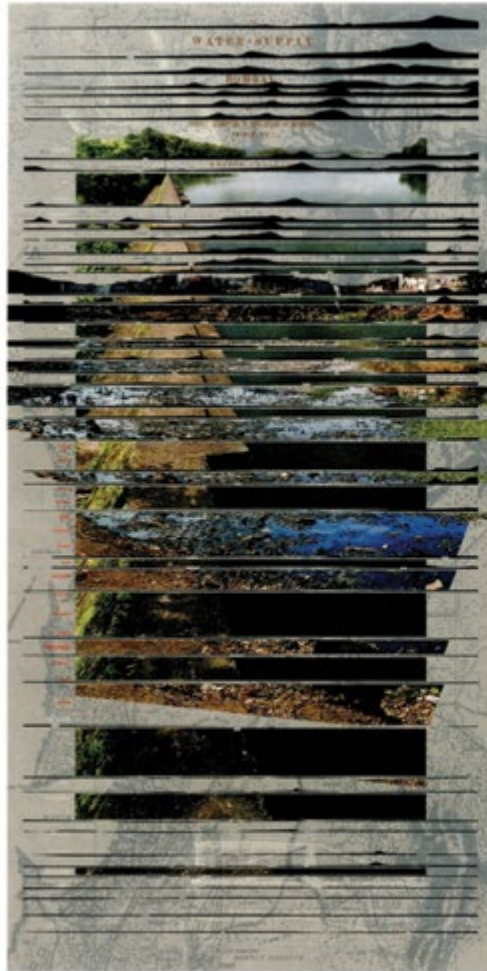
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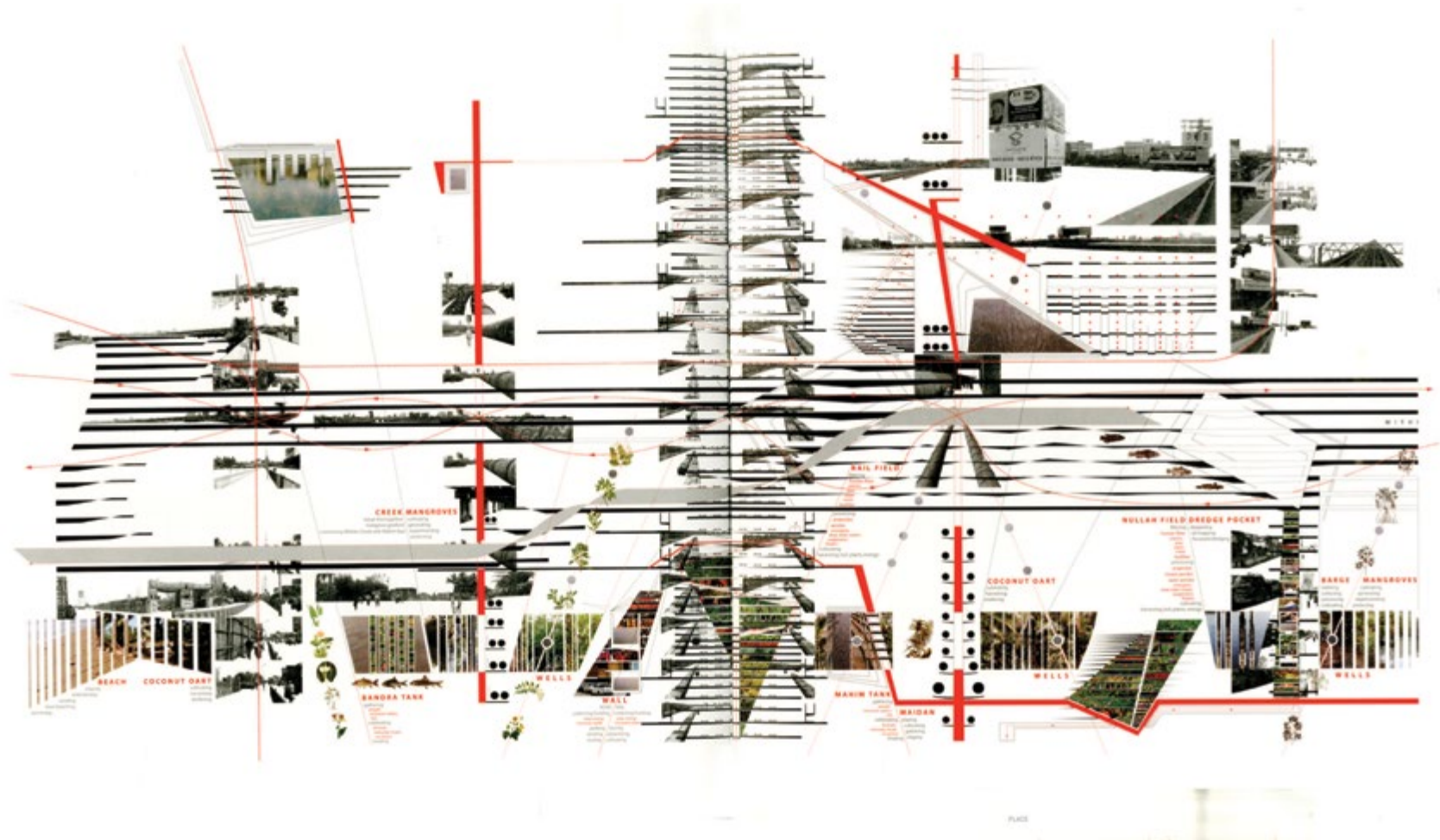
Photowalk

A photographic recording that gathers moments, rhythms and adjacencies of a terrain.



Project

A layered drawing that transforms a photowalk through naming, sectioning, seeding, and programming.



Place

A field of names that refer to strategic and tactical operators of a terrain.

Ground

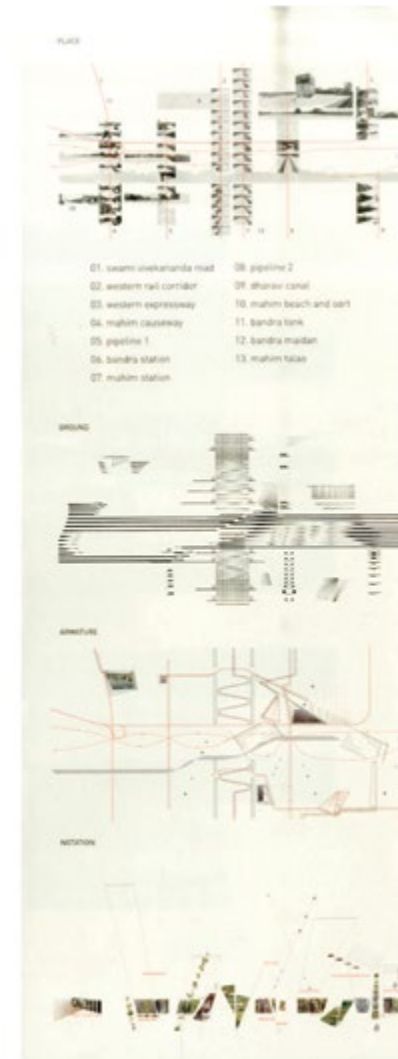
A sequence of sections through a photowalk

Armature

An infrastructure that holds the seeds of a project

Notation

A program of pccupancies in time and place



Perspective

A sequence of montages that relate multiple intiations on a horizon



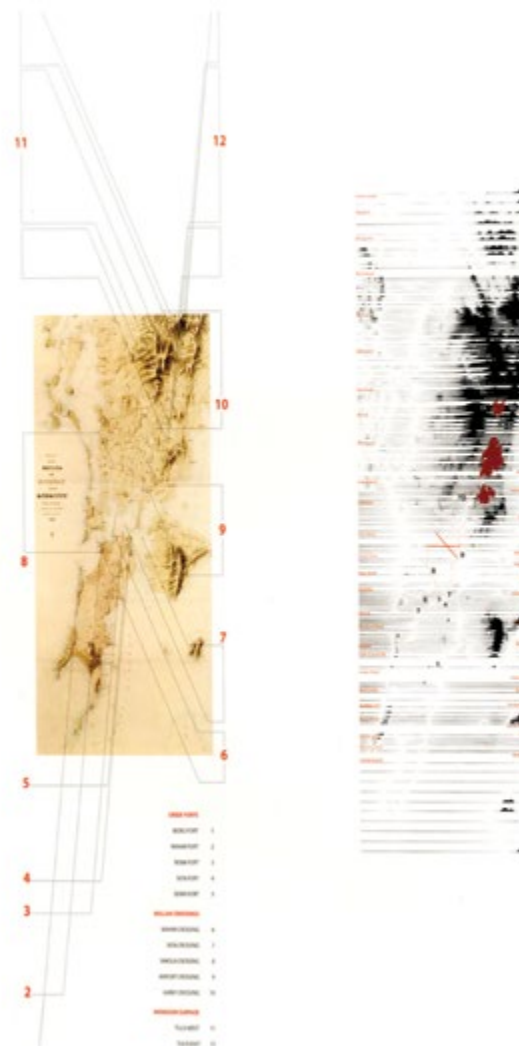
Line Drawing

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Mithiterrain

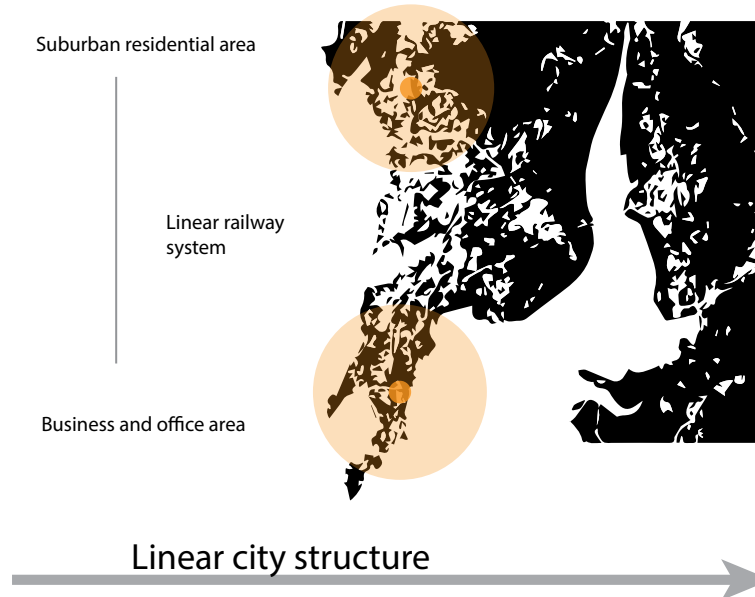
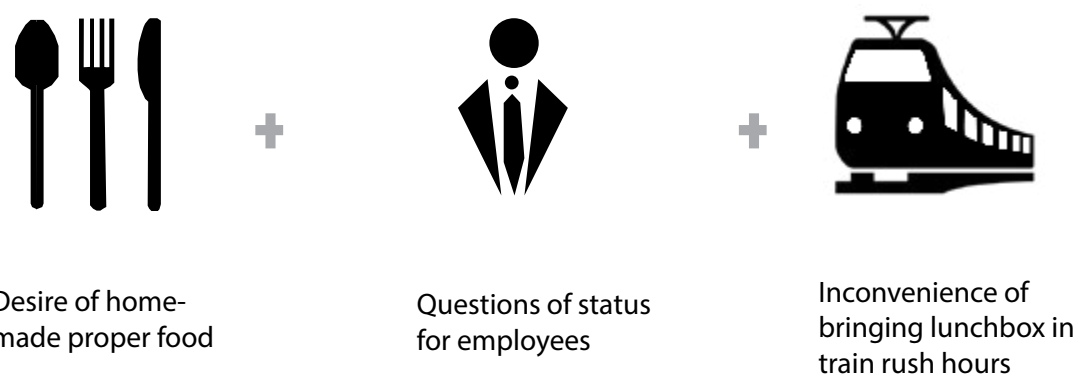
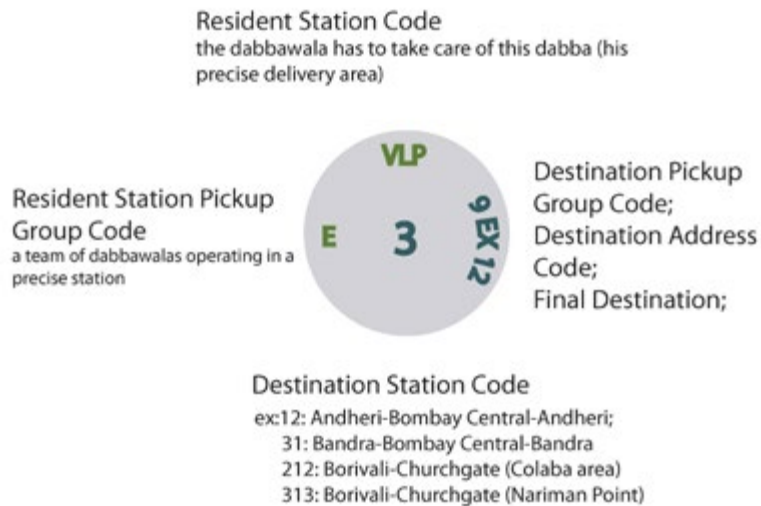
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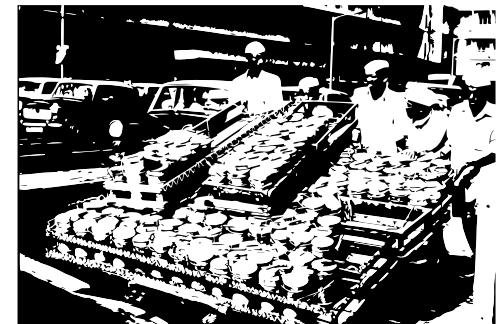
Dabbawala Dilibery System Diagram

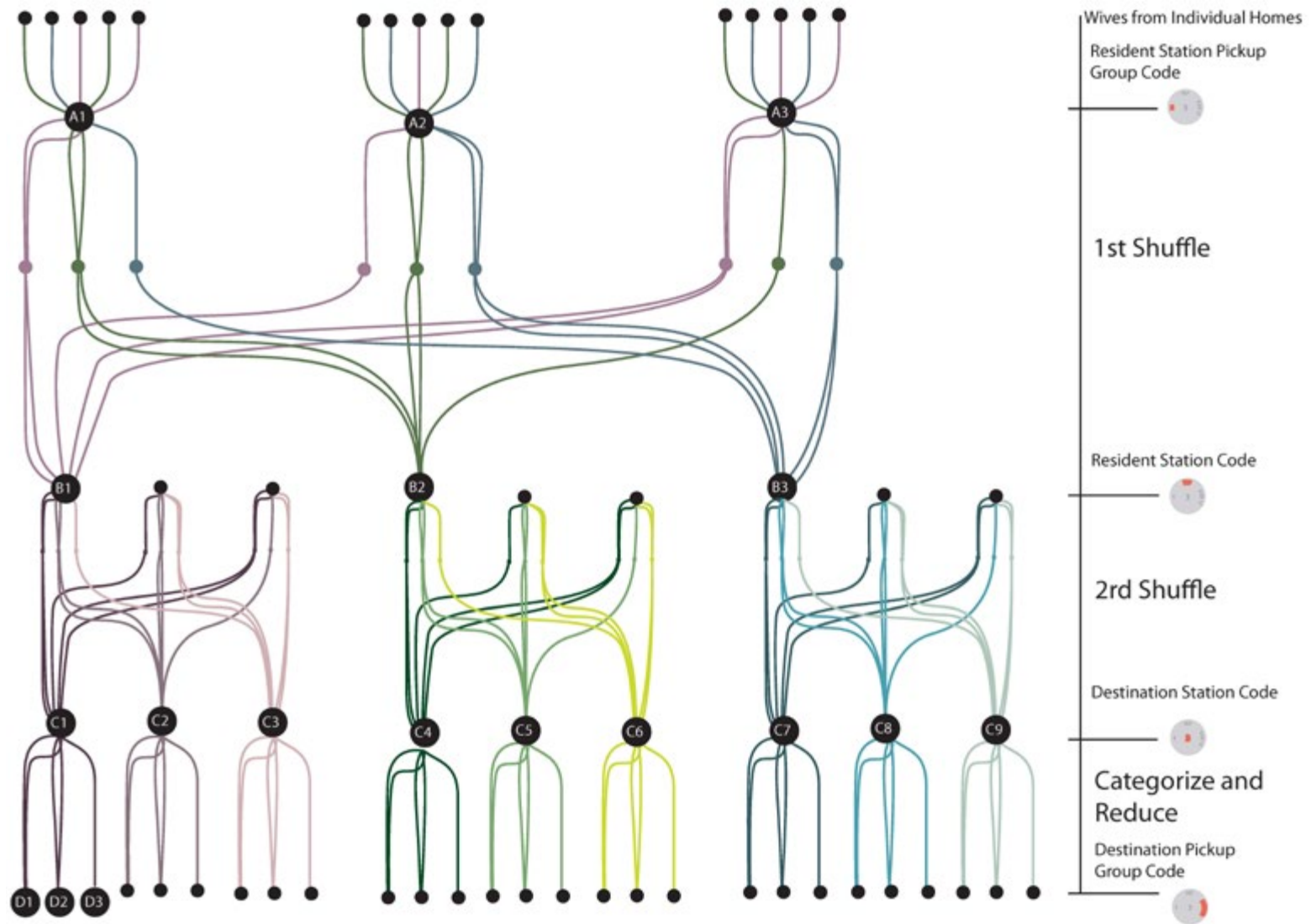
There are four main codes written on the top of tiffins (dabbas), which direct three or more exchanges (shuffles) of tiffins between Dabbawalas in the process of delivery from individual homes to office areas.

Each time when two Dabbawalas meet, they process one exchange of dabbas based on next code on the dabbas. And dabbawalas categorize all dabbas every time when the dabbas they carry change based on the following code.



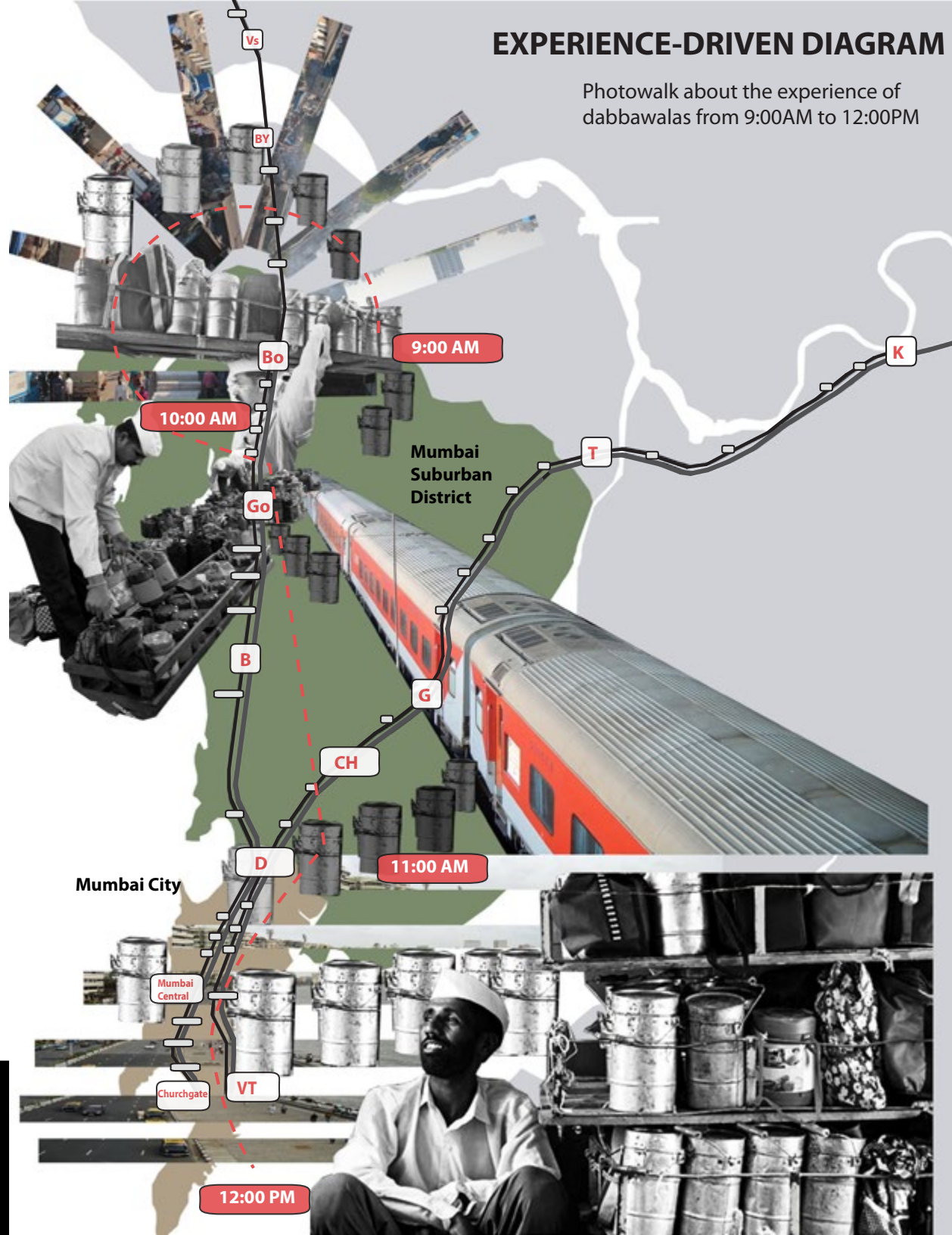
Dabbawalas: The Tiffin Carriers

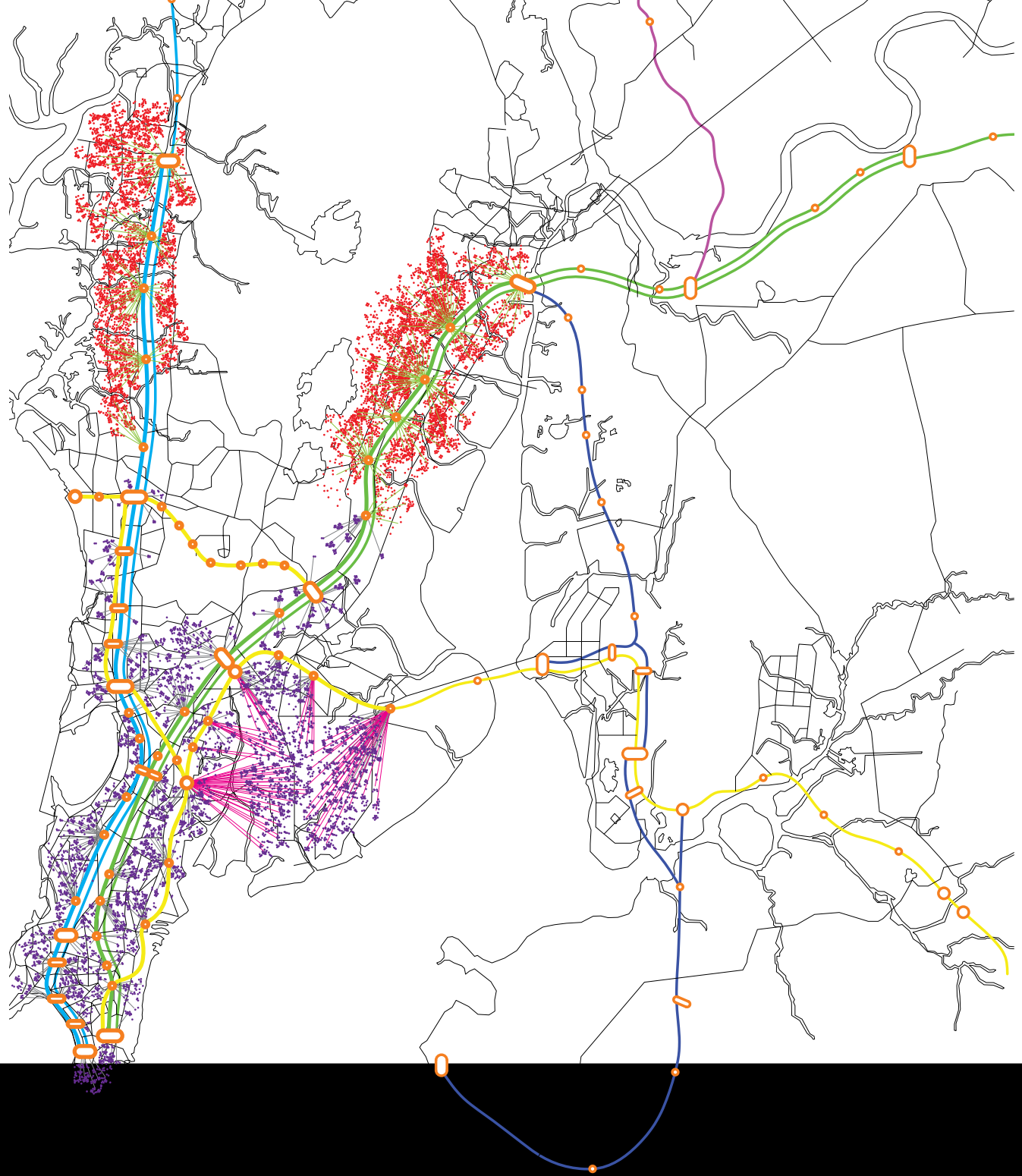


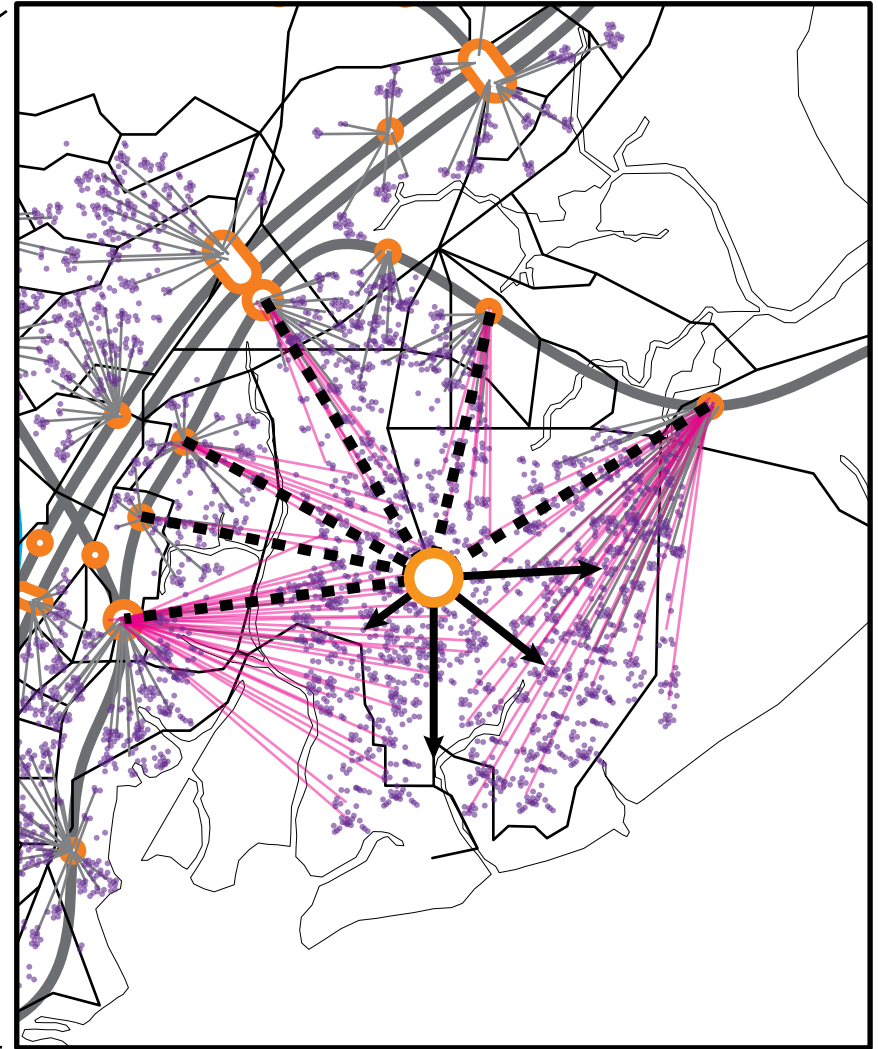
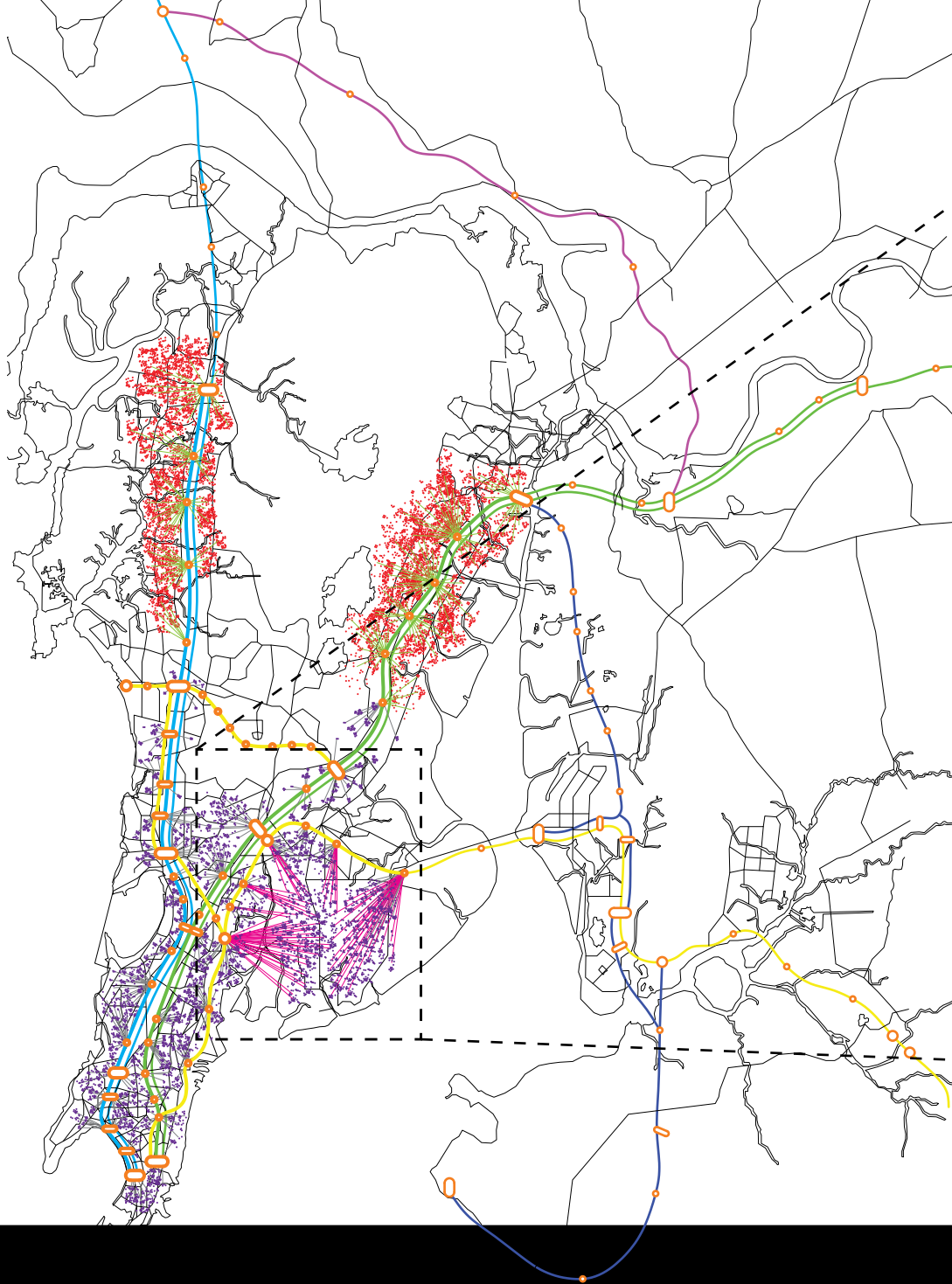


EXPERIENCE-DRIVEN DIAGRAM

Photowalk about the experience of dabbawalas from 9:00AM to 12:00PM







Health Services

Sanitation workers - Chemical testing products
- Portable potties

Doctors - Medicine
- Stethoscope
- Other testing tools
- Stretchers

