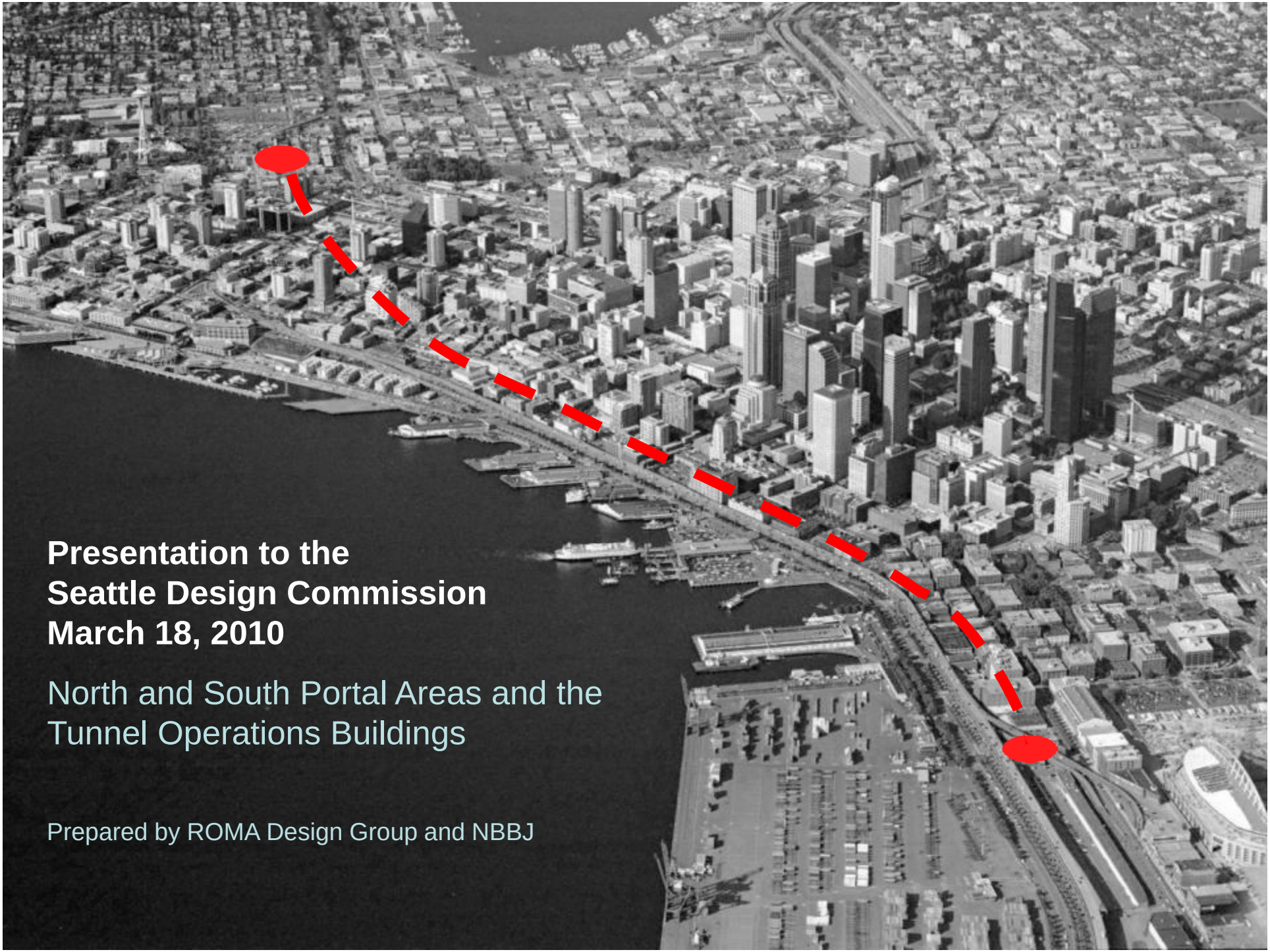


Presentation to the
Seattle Design Commission
March 18, 2010

North and South Portal Areas and the Tunnel Operations Buildings

Prepared by ROMA Design Group and NBBJ

Agenda

January 21st

Bored Tunnel Realignment

Update of South & North Portal Alternatives

Goals & Objectives

February 18th

Response to Comments

Focus on Tunnel Operations Building

March 18th

- South Portal Concepts
- Railroad Way South Concepts
- South Tunnel Operations Building
- North Tunnel Operations Building
- North Portal Concepts

April 15th

Components & Treatments

SOUTH PORTAL: OPTION D-IA

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

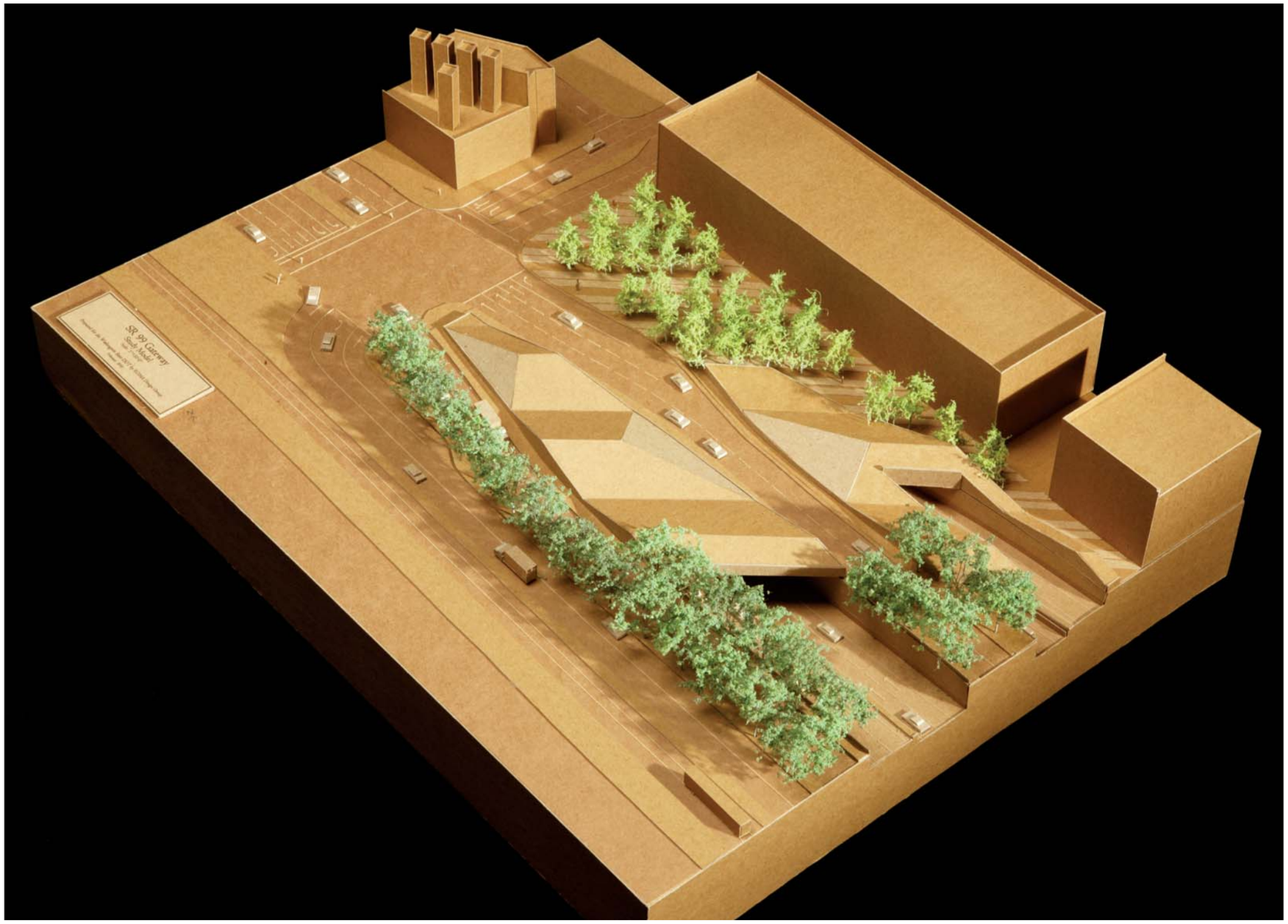
MARCH 24, 2010

SOUTH PORTAL: VIEWS FROM NORTH AND SOUTH, RAILROAD WAY

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010

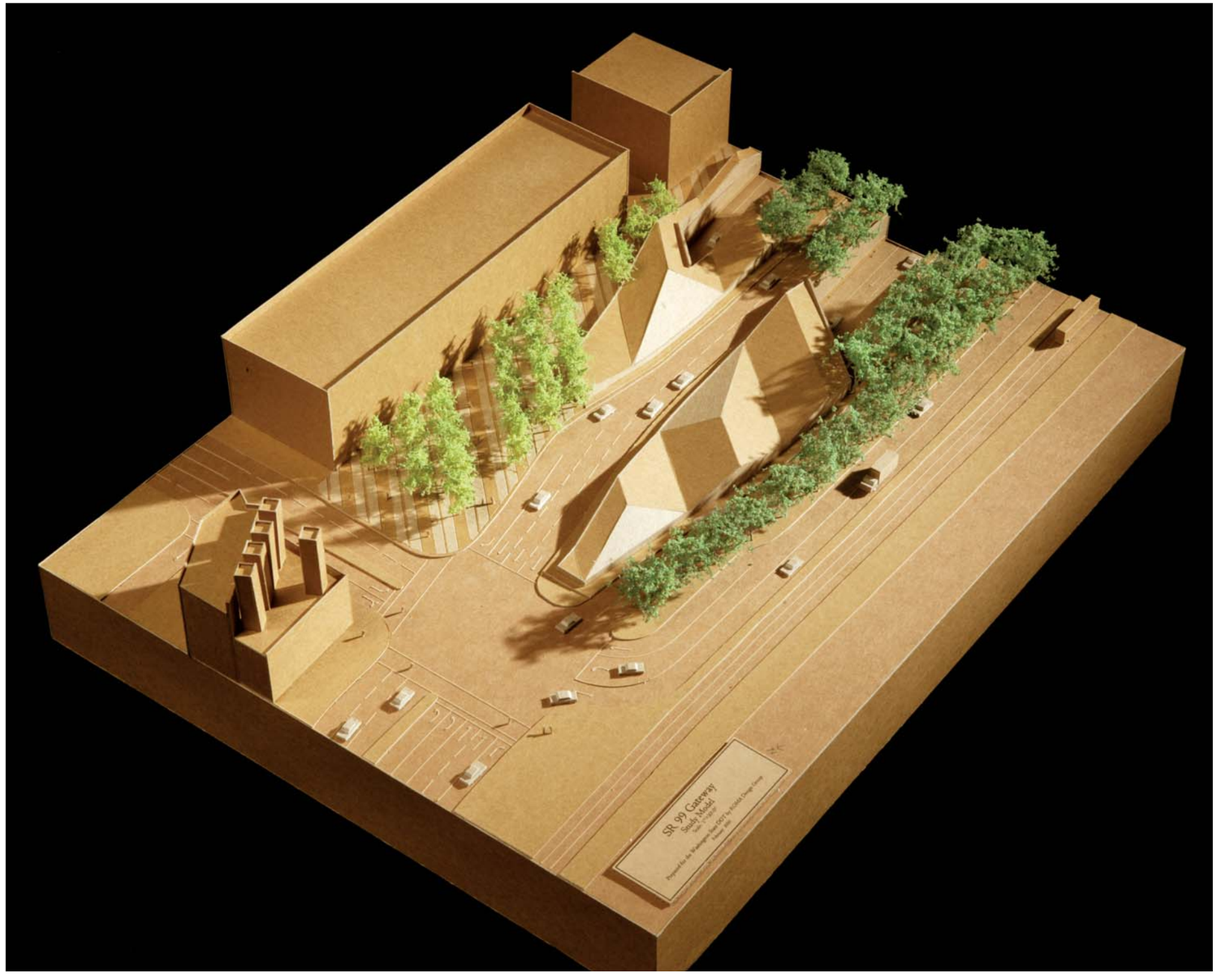


SOUTH PORTAL: VIEW FROM NORTHWEST, OPTION D-1A

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010

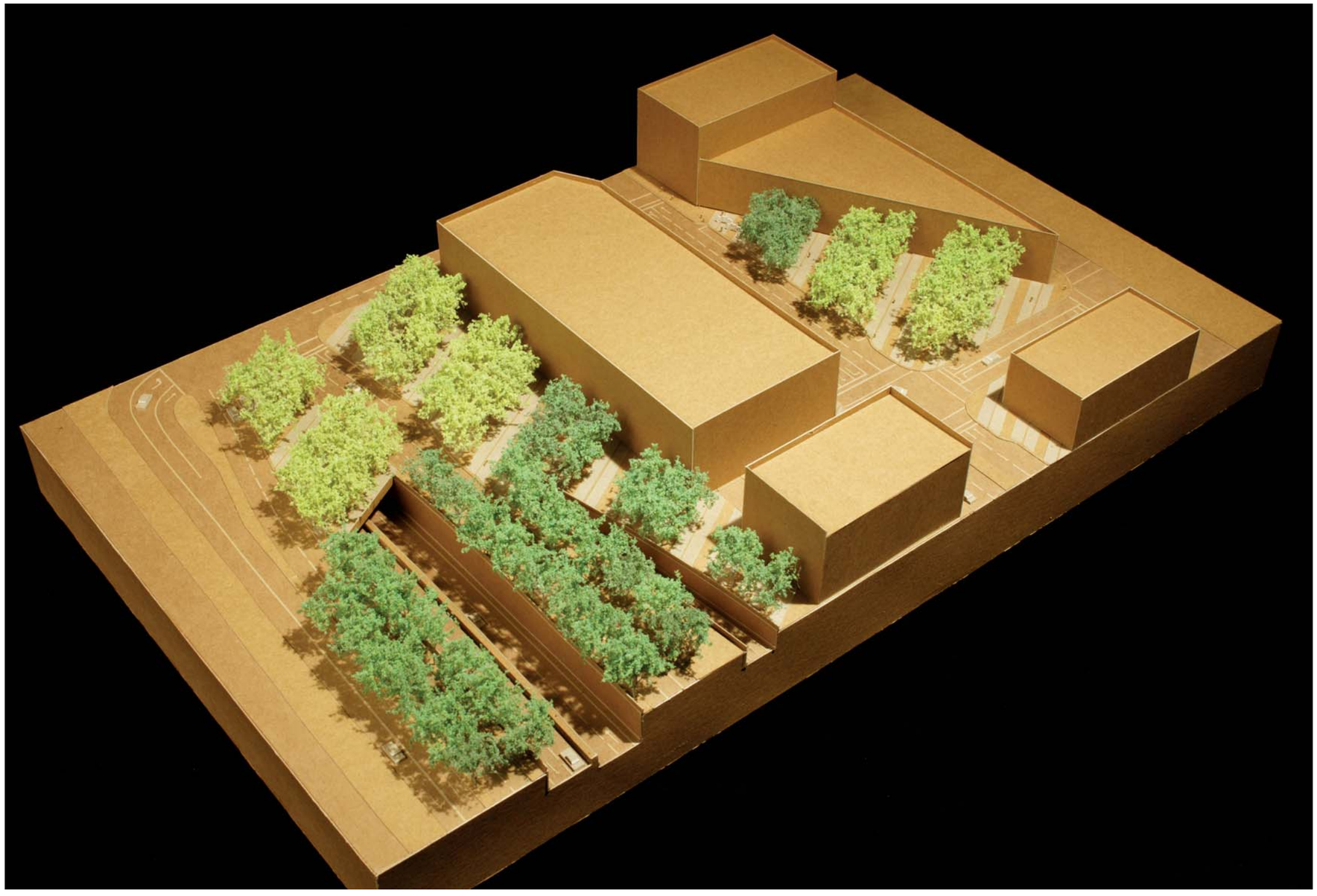


SOUTH PORTAL: VIEW FROM SOUTHWEST, OPTION D-1A

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010

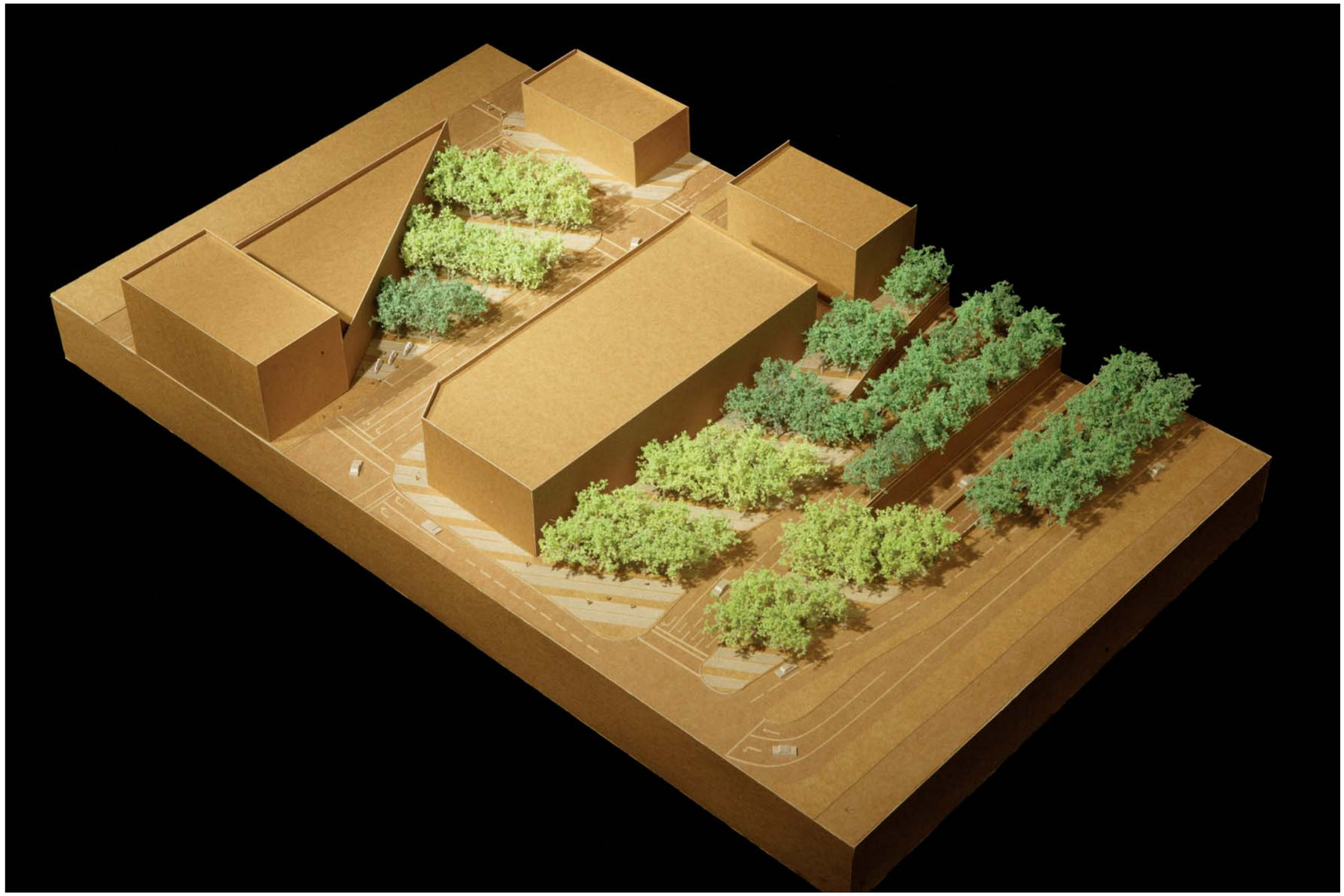


SOUTH PORTAL: VIEW FROM NORTHWEST, OPTION D-3

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010



SOUTH PORTAL: VIEW FROM SOUTHWEST, OPTION D-3

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010

SOUTH PORTAL: RAILROAD WAY

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010

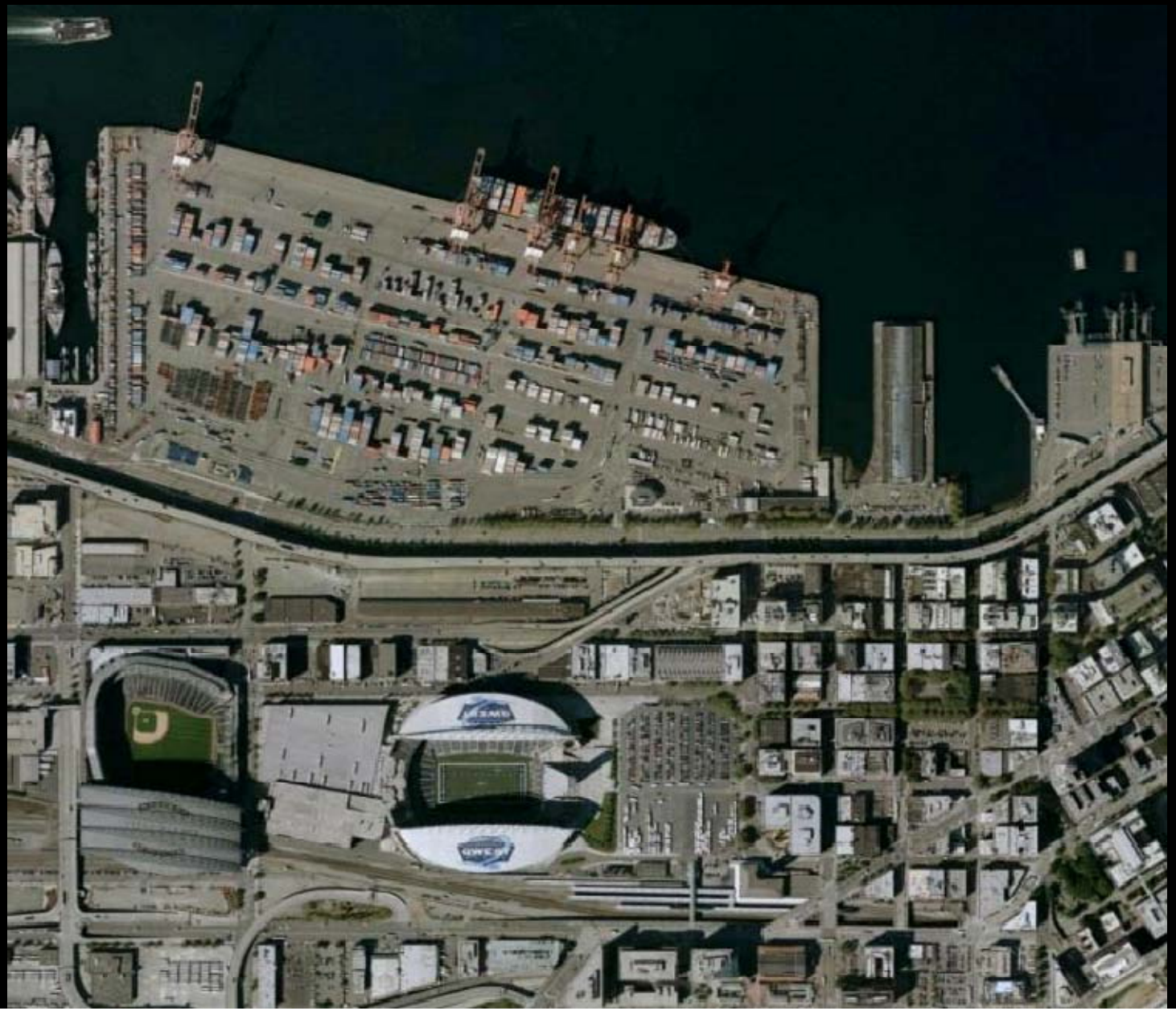
SOUTH PORTAL: VIEW FROM SOUTHWEST, RAILROAD WAY

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

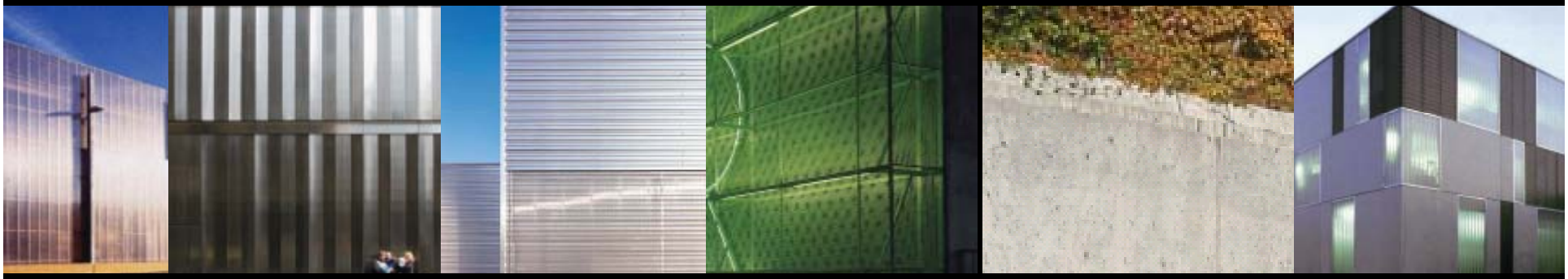
MARCH 24, 2010

Existing South Portal Area

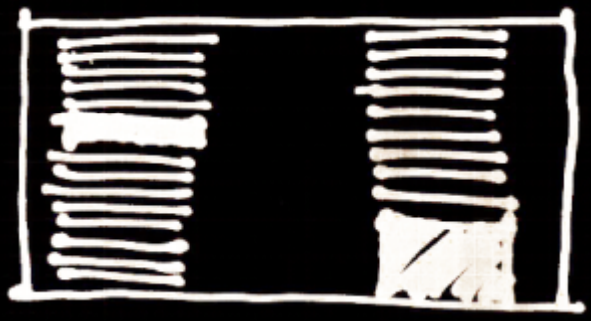


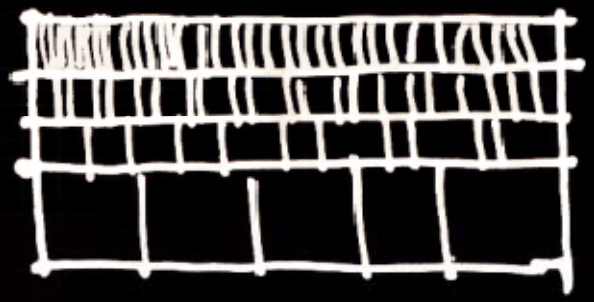
The Tunnel Operations Building Design Principles :

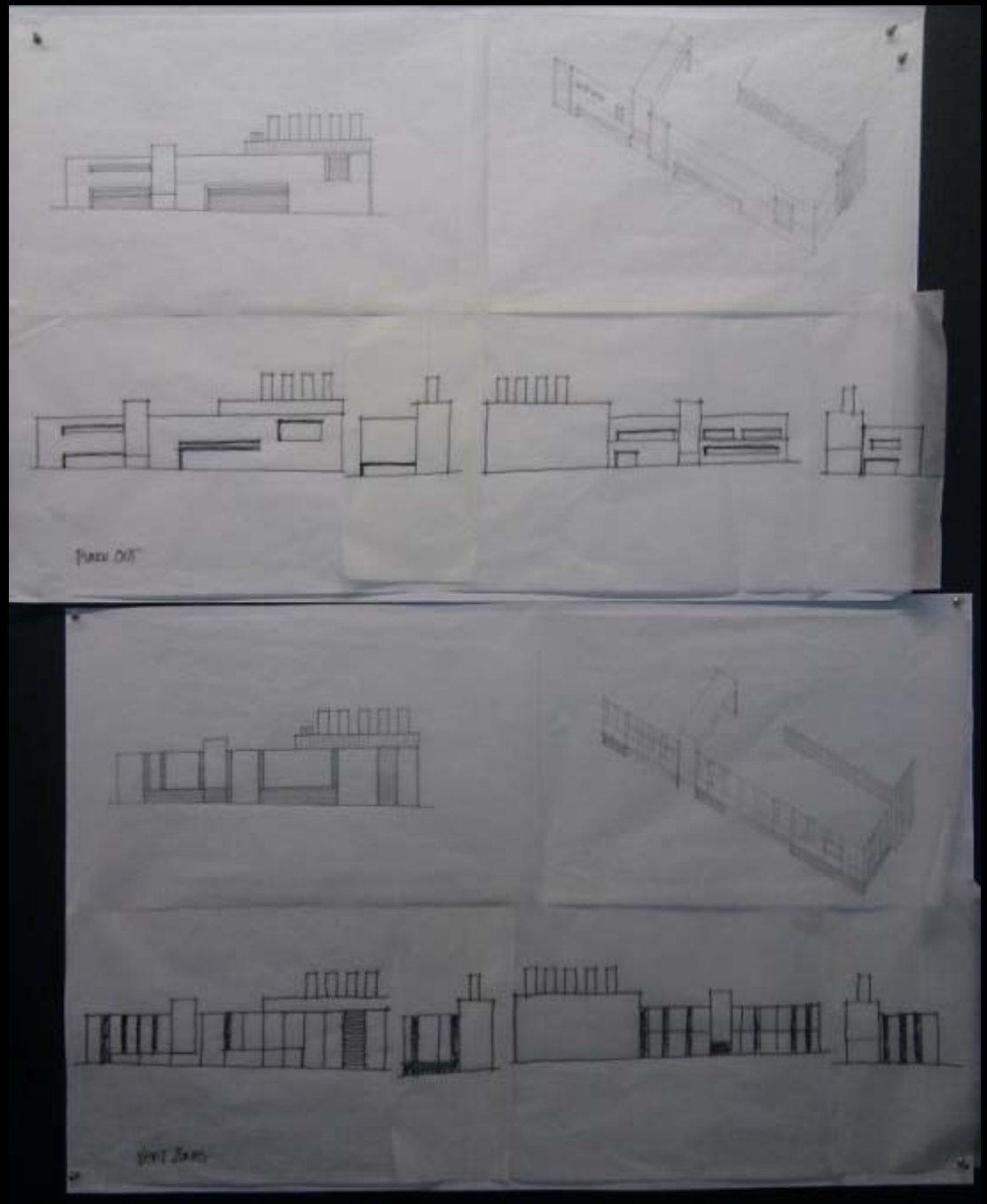
- express their purpose & reveal their primary functions
- be simple, durable & unapologetically industrial
- be massed & proportioned in relation to their context
- enhance their surroundings & reflect pedestrian scale
- relate as part of the same project, more alike than different
- be designed as part of the portal experience
- act as urban beacons to reinforce the sense of arrival
- incorporate/ express sustainable practices



South Immediate Context

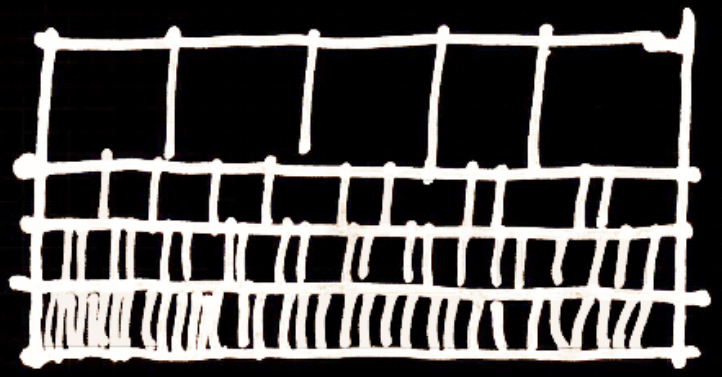




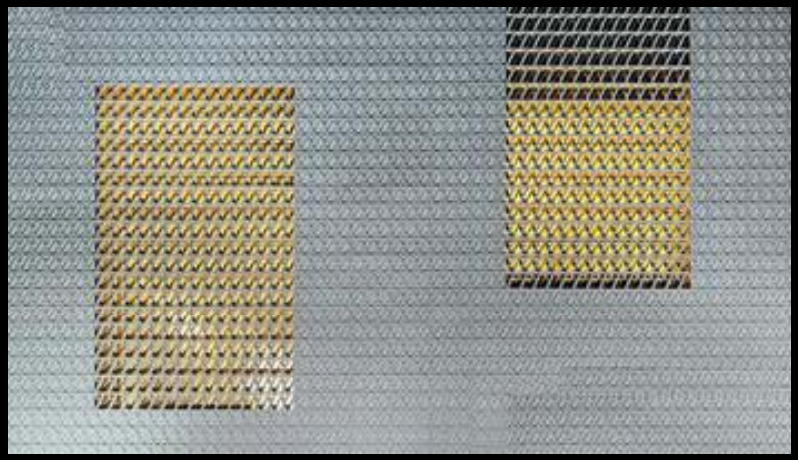


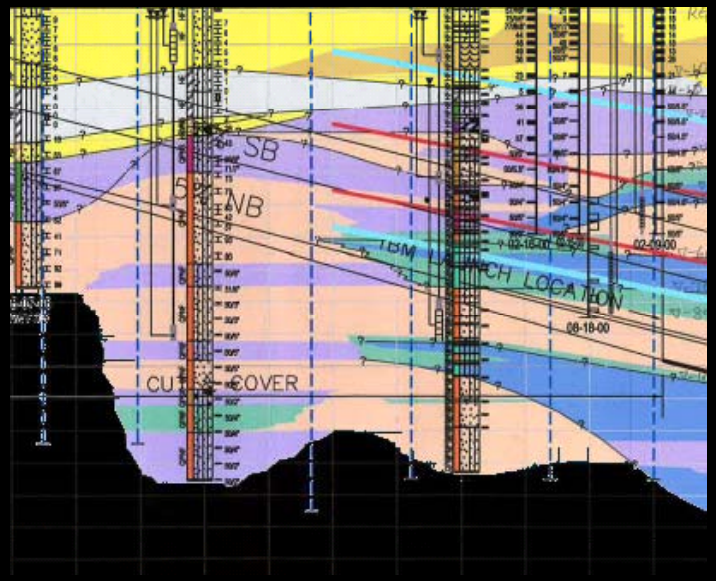
Design Evolution

CAMO



STRATA





Inspiration

Strata

Camo

South Tunnel Operations Building - view looking southeast

Strata

Camo

South Tunnel Operations Building - view looking northeast

North Immediate Context

Strata

Camo

North Tunnel Operations Building - view looking southeast

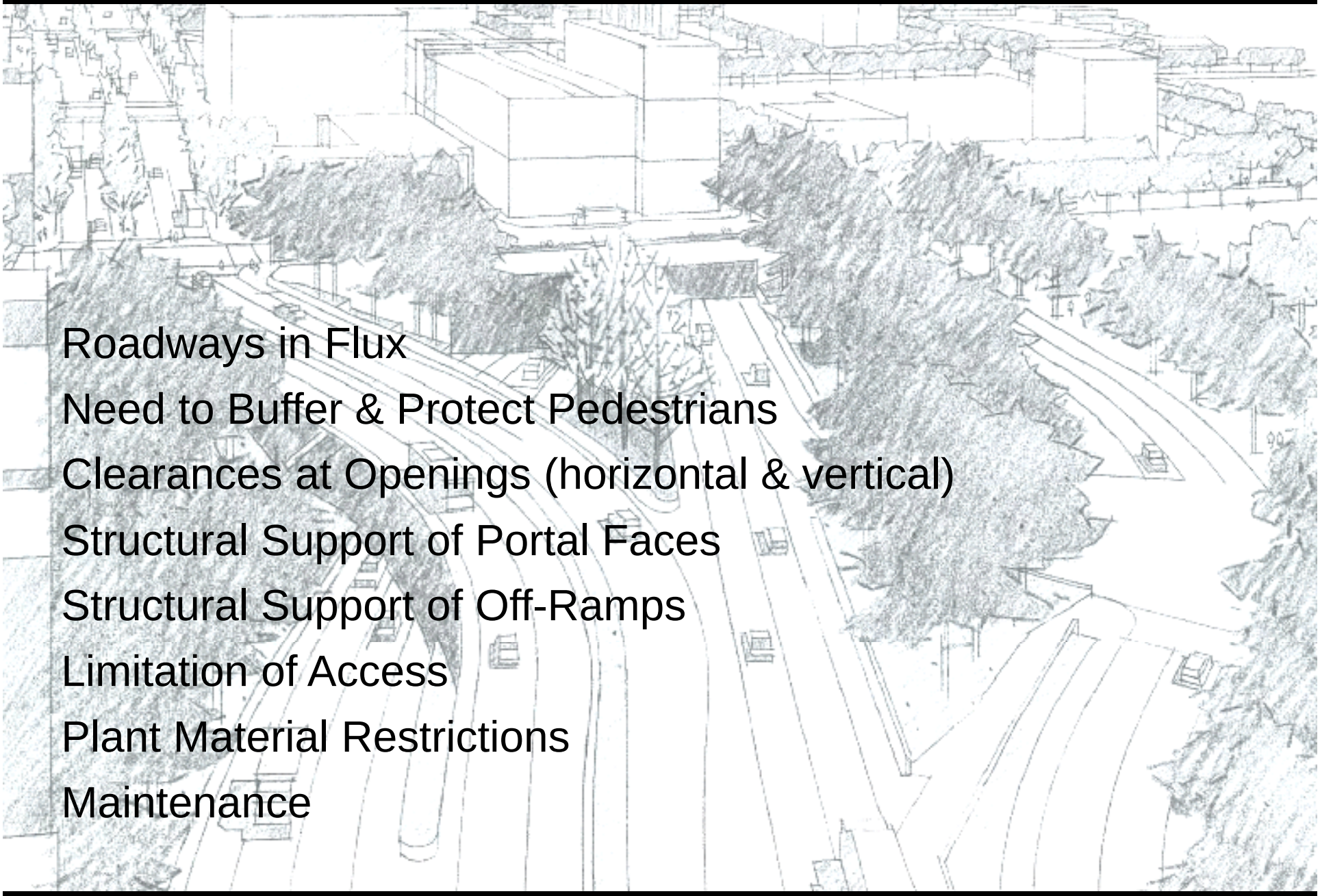
Challenges

Arrival Experience

Street Level Experience

Design Integration of Landscape & Built Environment

Issues



- Roadways in Flux
- Need to Buffer & Protect Pedestrians
- Clearances at Openings (horizontal & vertical)
- Structural Support of Portal Faces
- Structural Support of Off-Ramps
- Limitation of Access
- Plant Material Restrictions
- Maintenance

Precepts

Forest & Stream

Embrace & Frame Openings

Emphasize Asymmetry

Relate to Operation Building

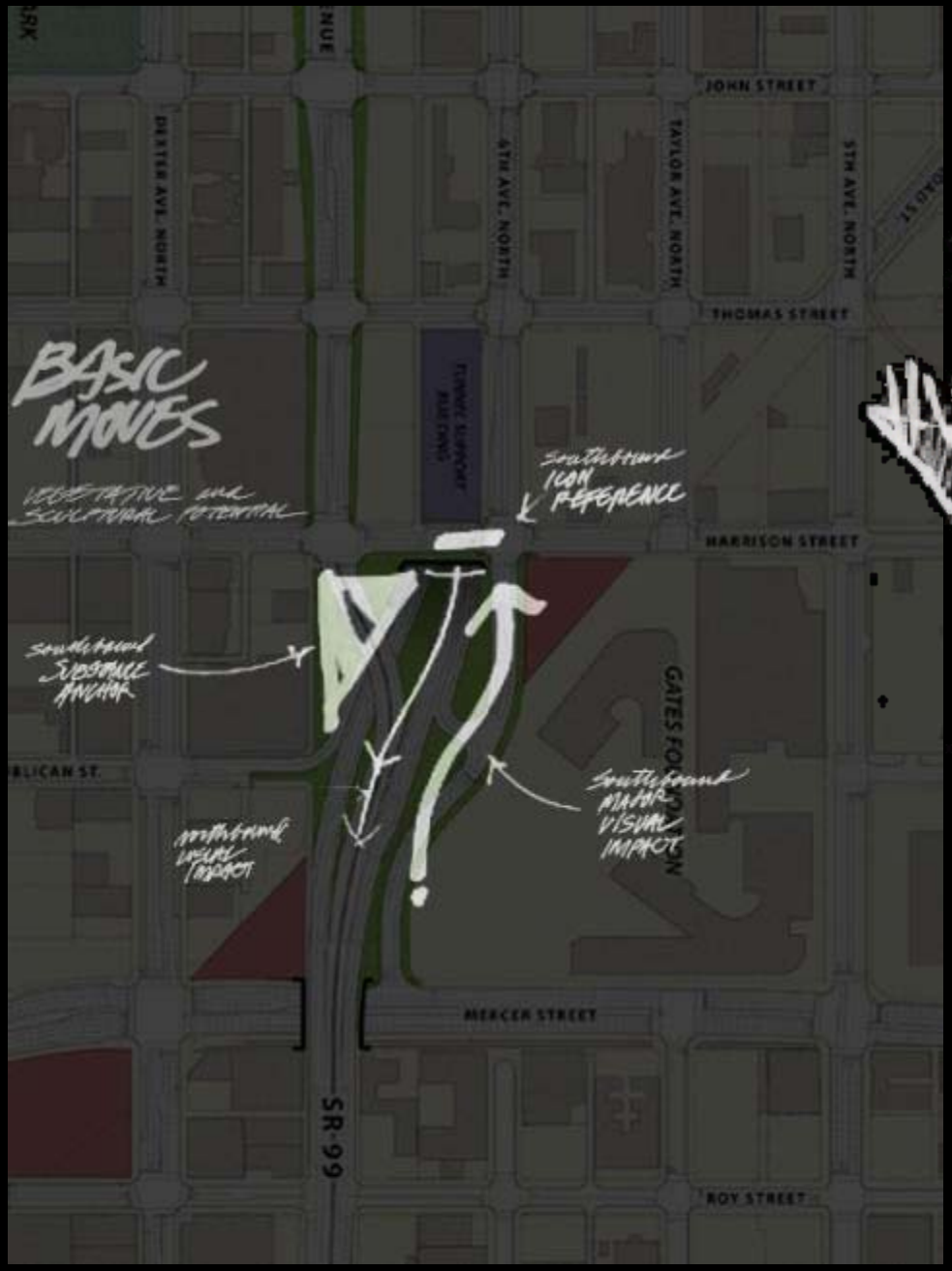
Light Transition

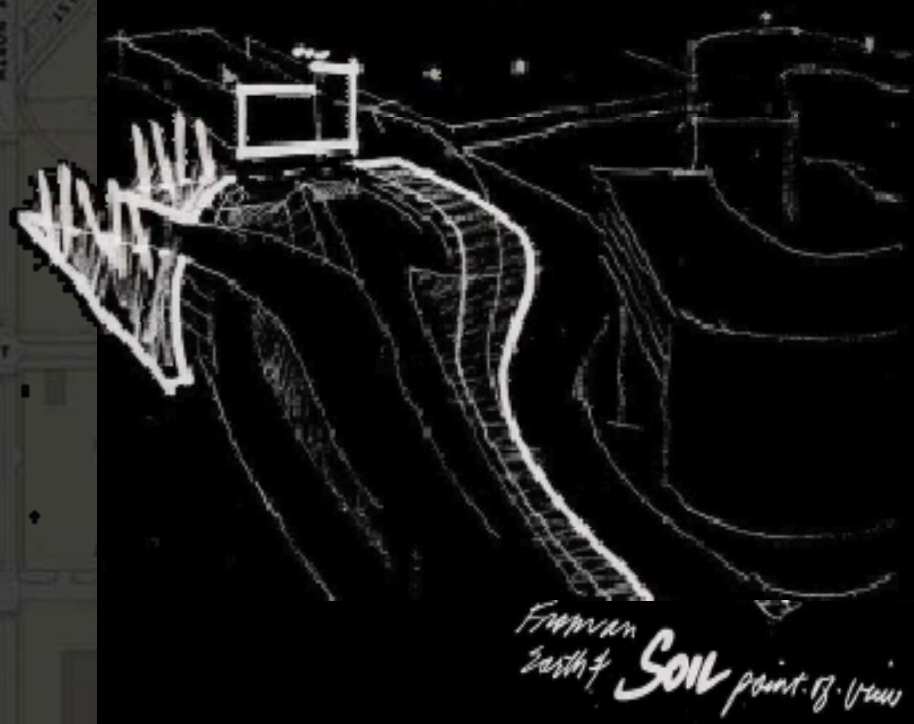
Integration of Water Retention

Plant for Seasonal Change

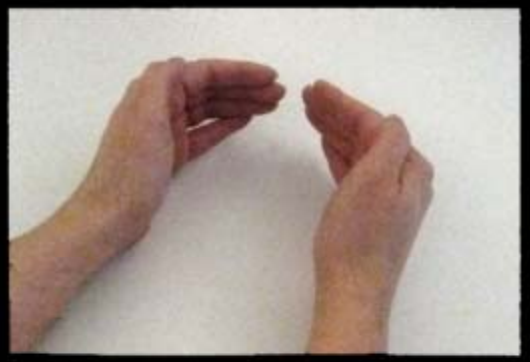
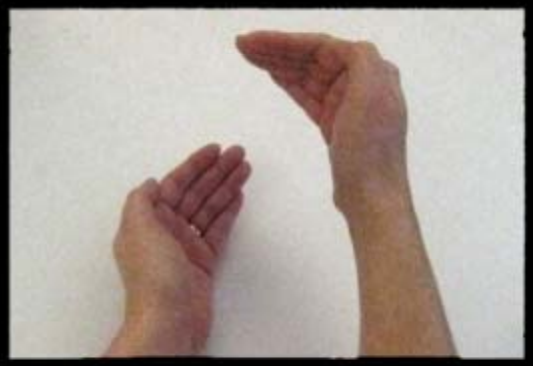
Exploration

Exploration

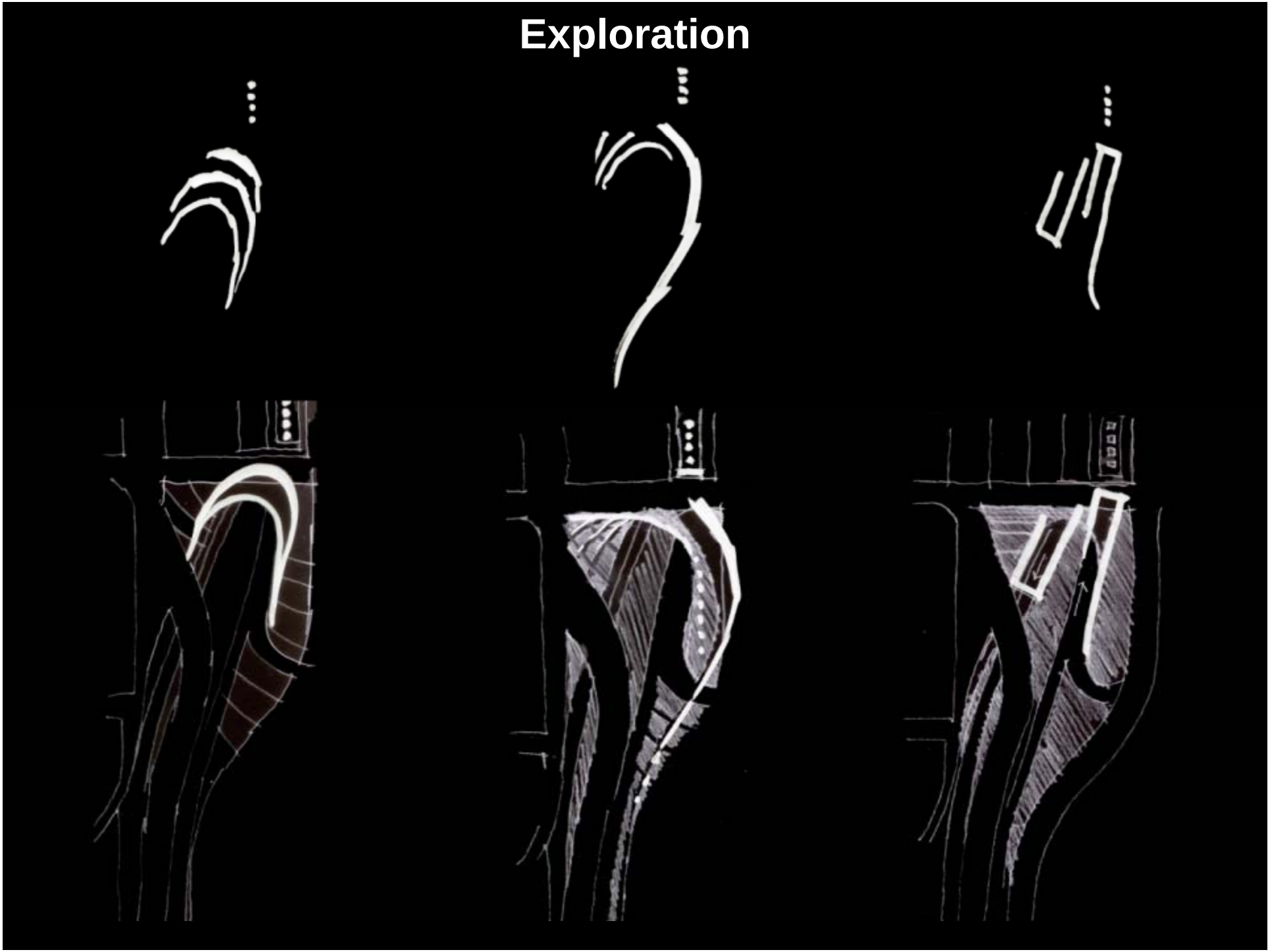


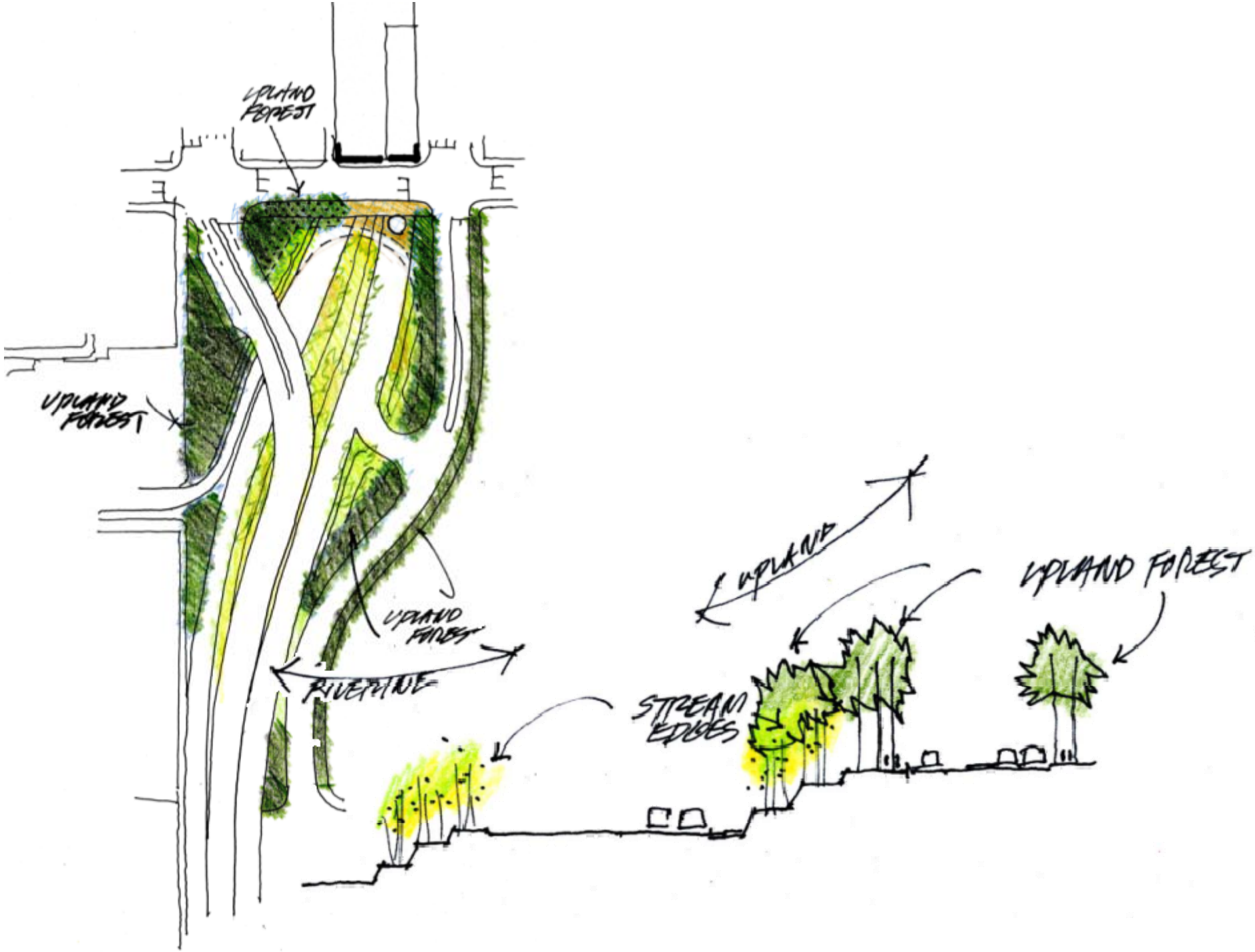


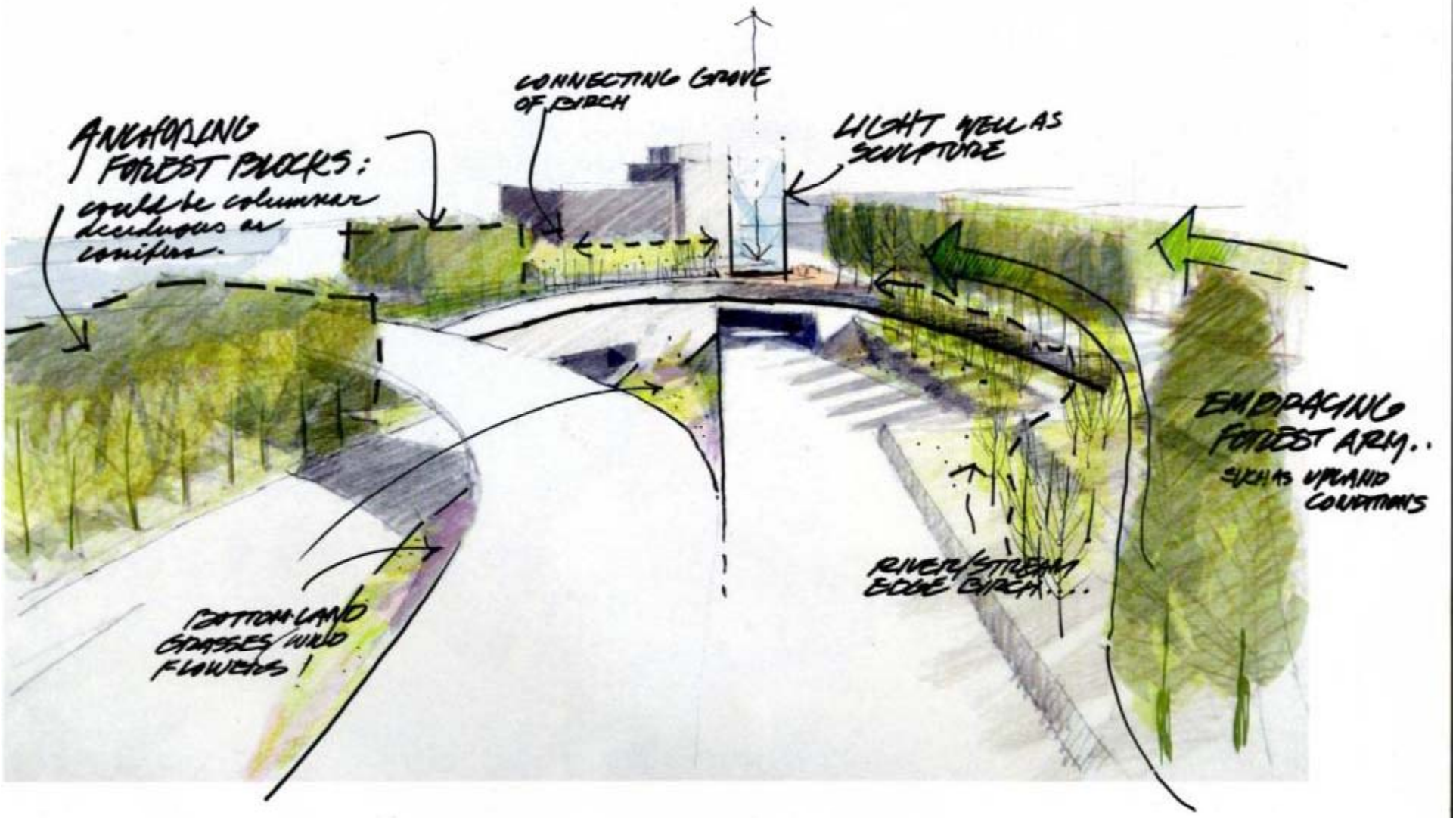
Exploration

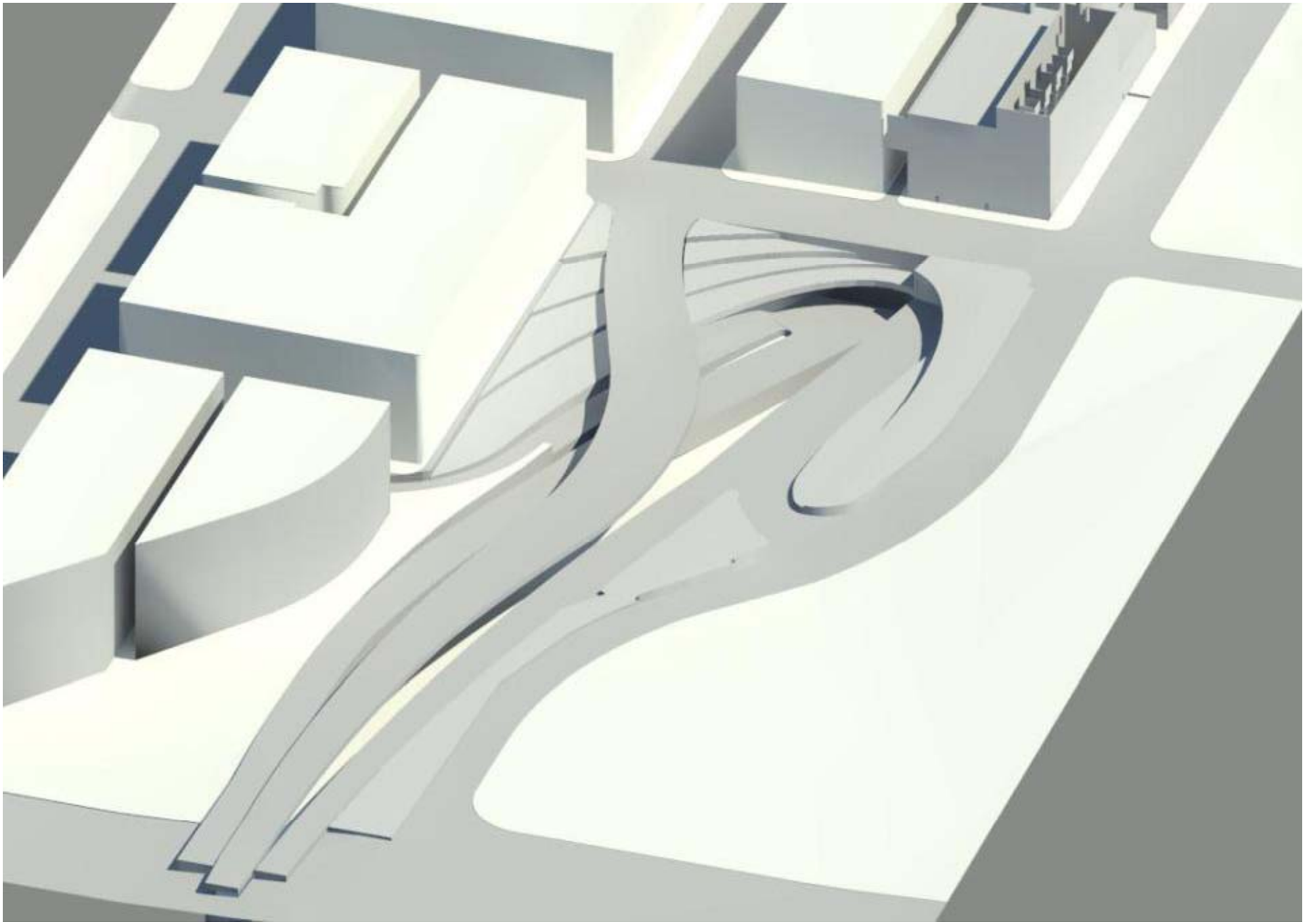



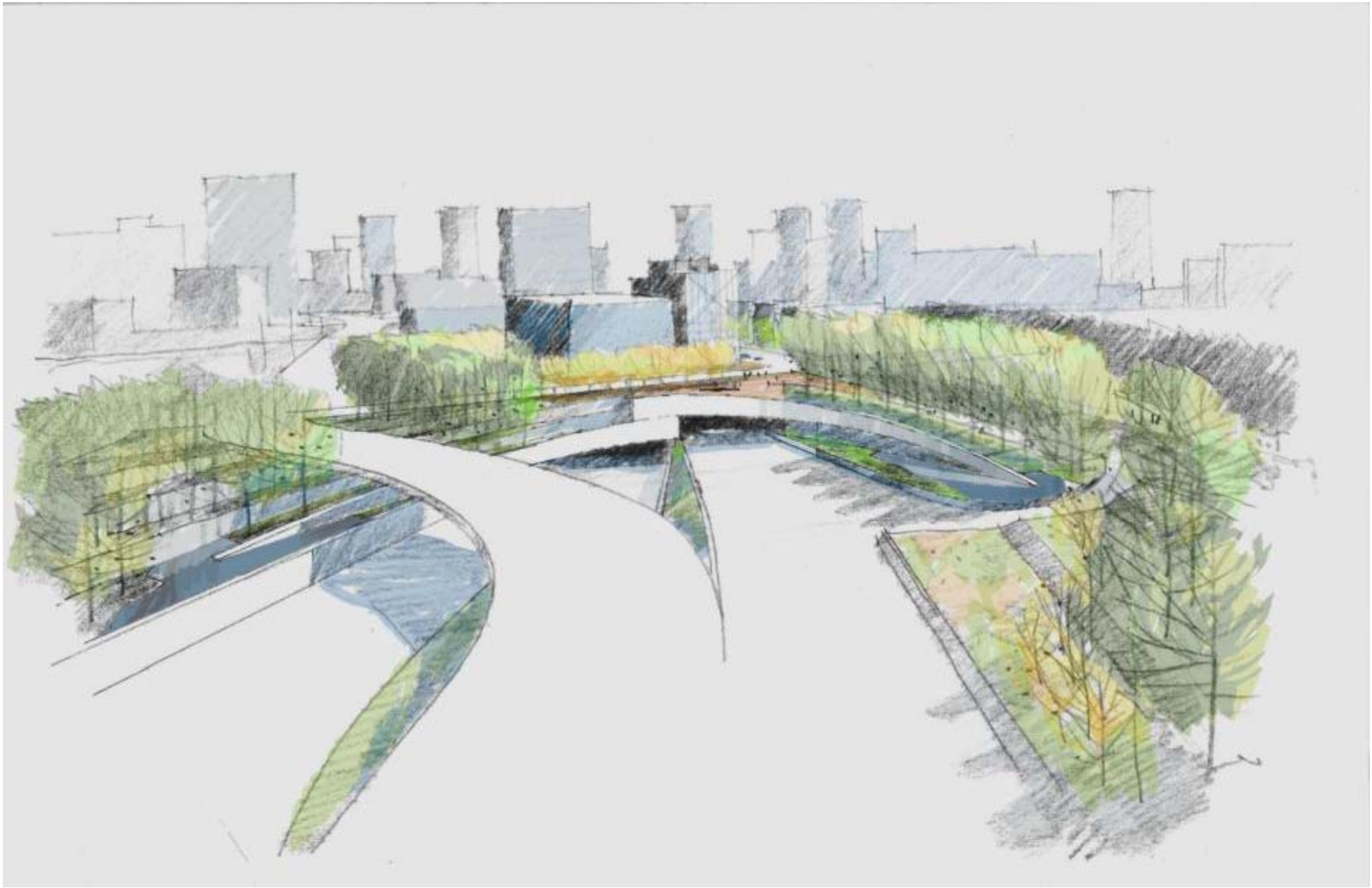
Exploration

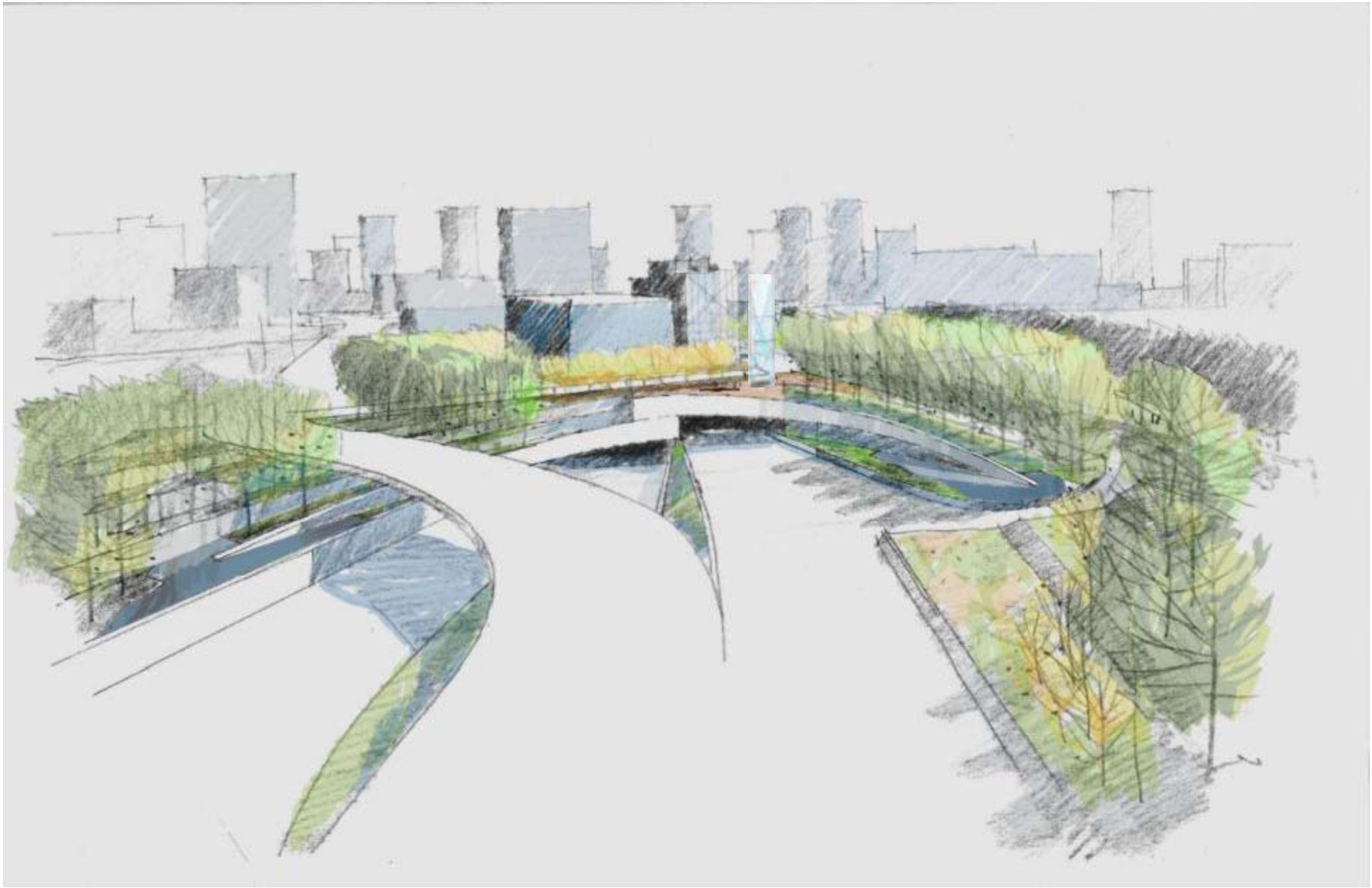



UPLAND FOREST
UPLAND FOREST
UPLAND FOREST
RIVERINE
UPLAND
UPLAND FOREST
STREAM EDGES

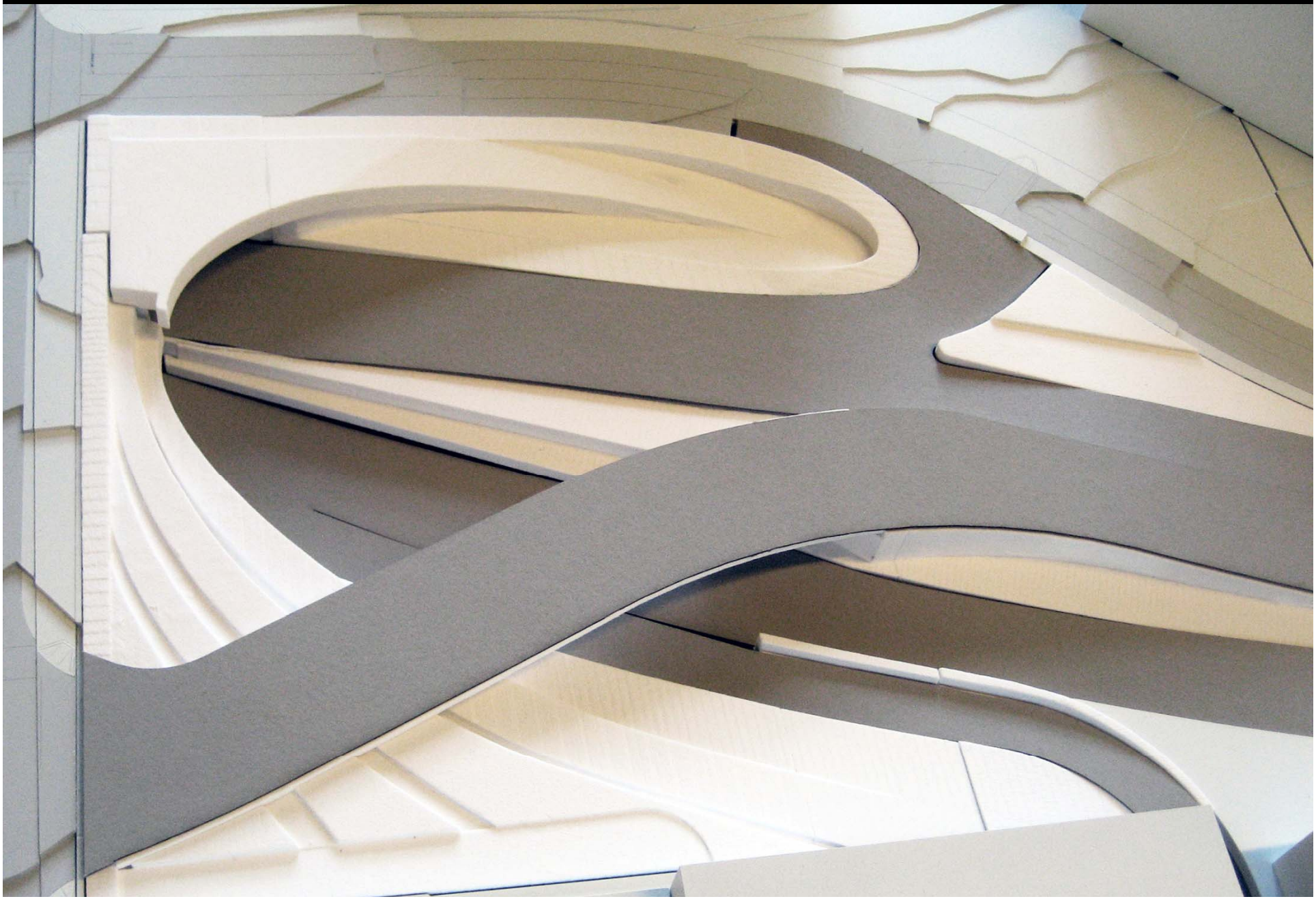

CONNECTING GROVE OF BIRCH
LIGHT WELL AS SCULPTURE
ANCHORING FOREST BLOCKS: could be columnar deciduous or conifers.
EMBRACING FOREST ARM.. SUCH AS UPLAND CONDITIONS
RIVER/STREAM EDGE BIRCH...
BOTTOM LAND GRASSES AND FLOWERS!





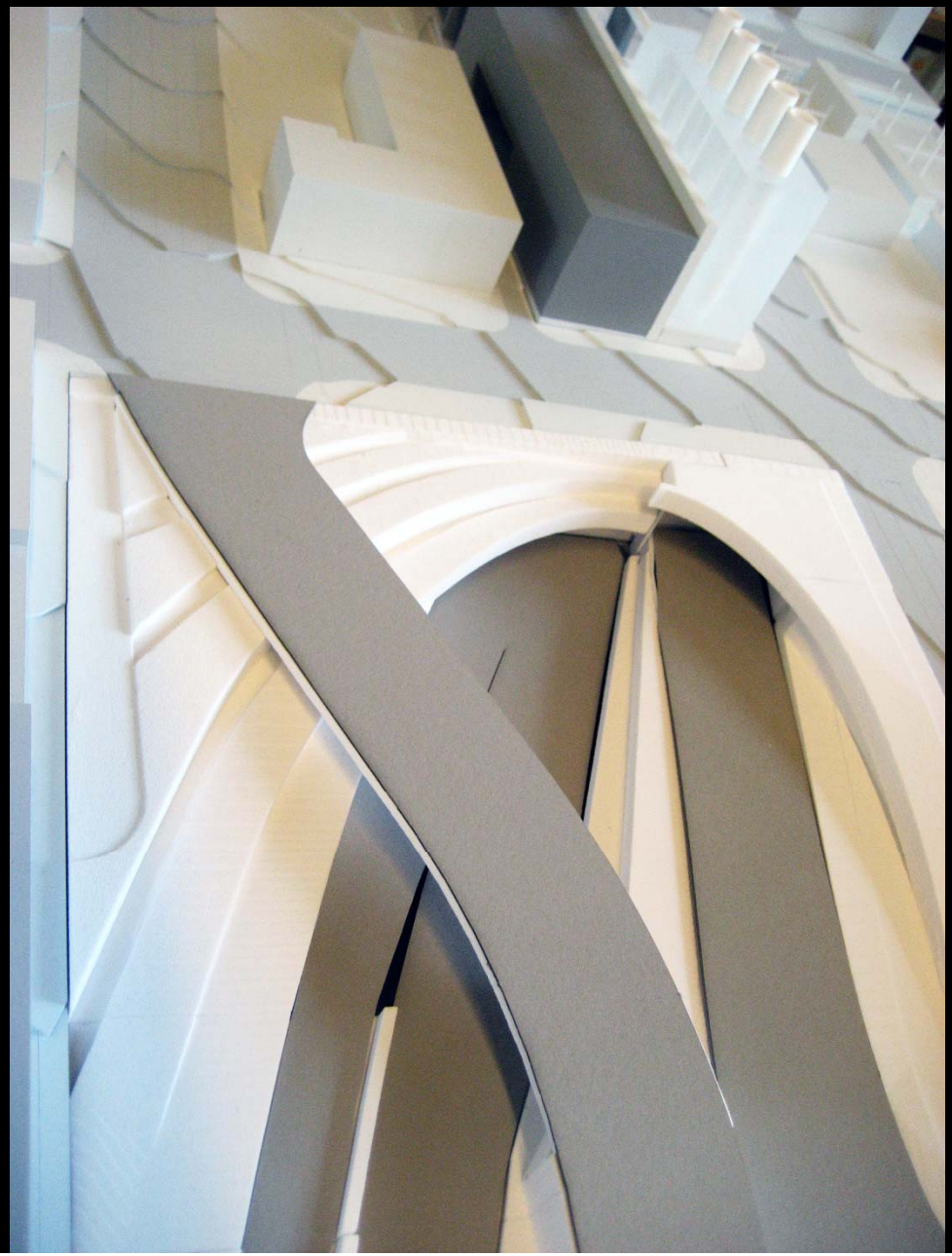


Models presented at Meeting

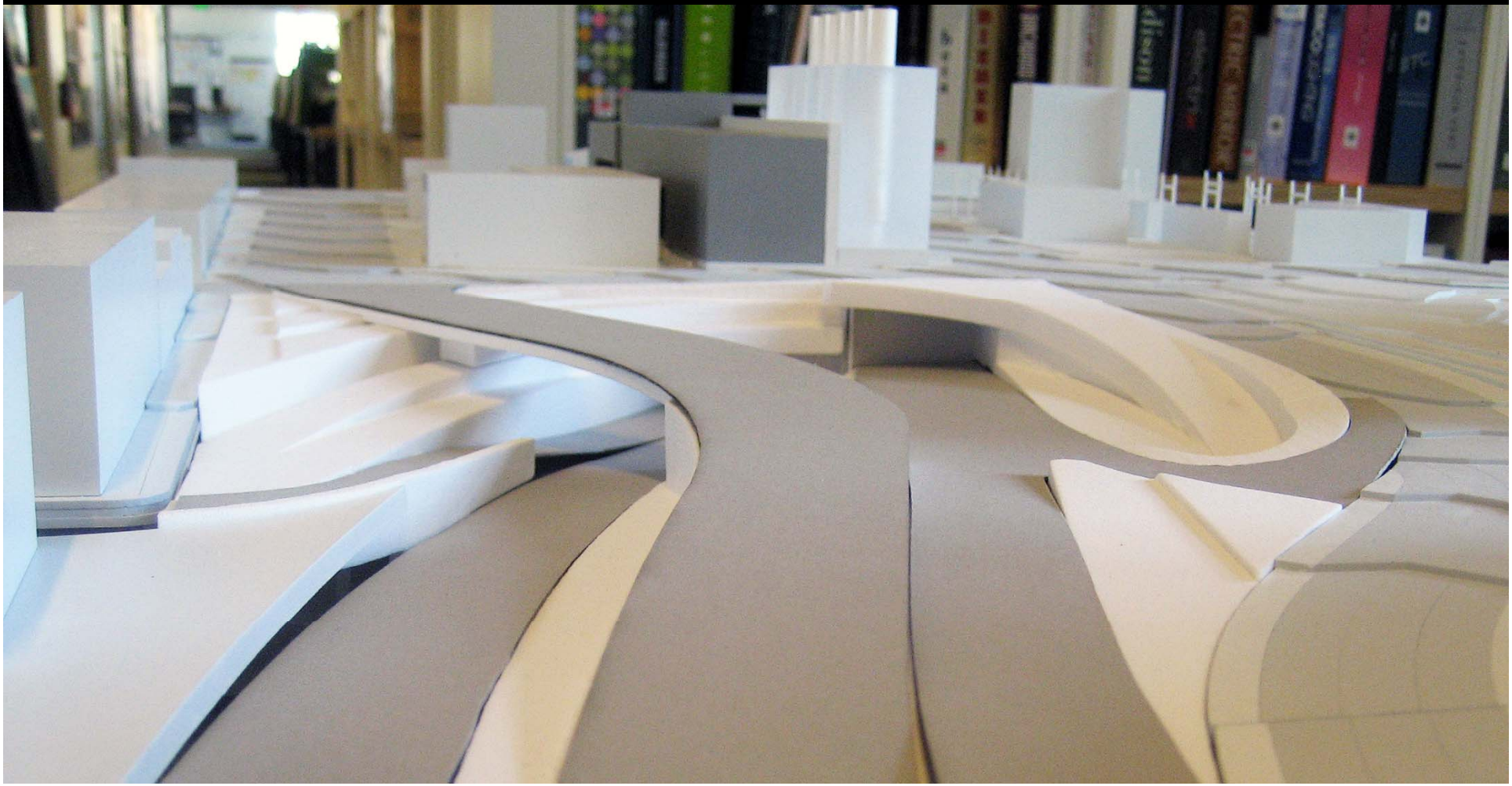
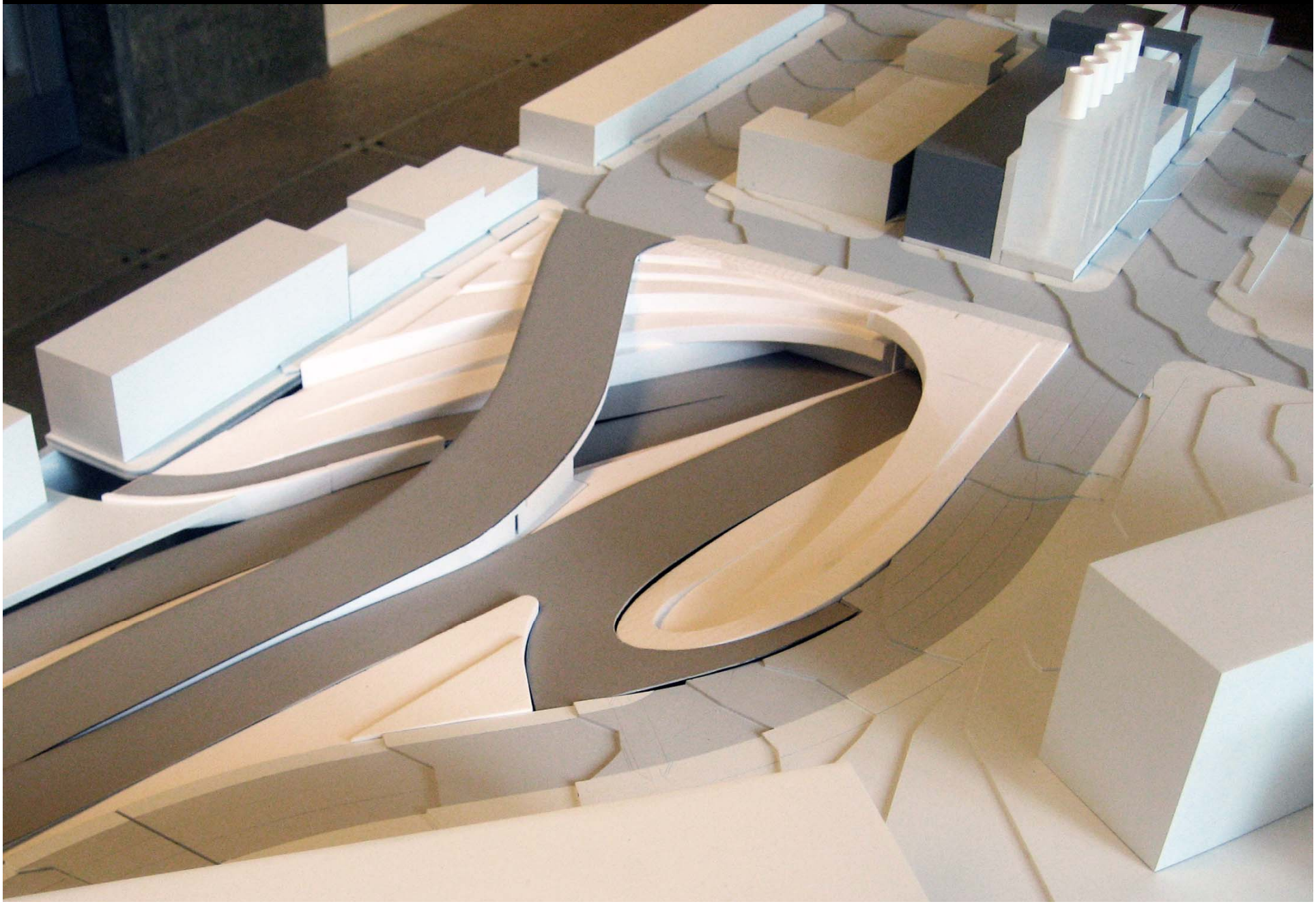


Models presented at Meeting

Models presented at Meeting



Models presented at Meeting



Models presented at Meeting