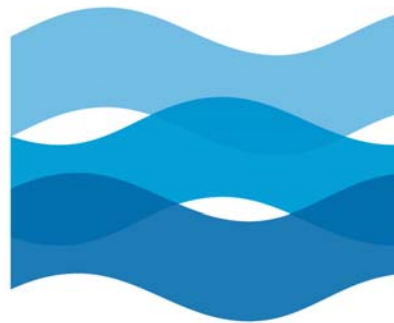


# **WATER'S EDGE PROMENADE & PARLIAMENT WAVEDECK**

Design Update 2009.07.08 Public Meeting 1  
West 8 + DTAH



**WATERFRONToronto**

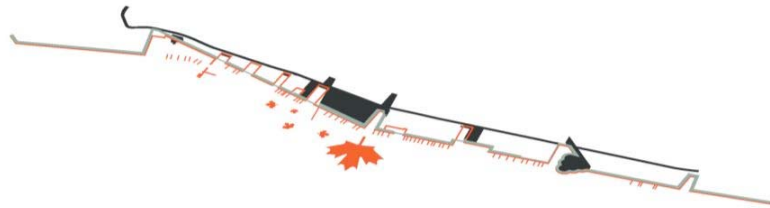
## Starting Points



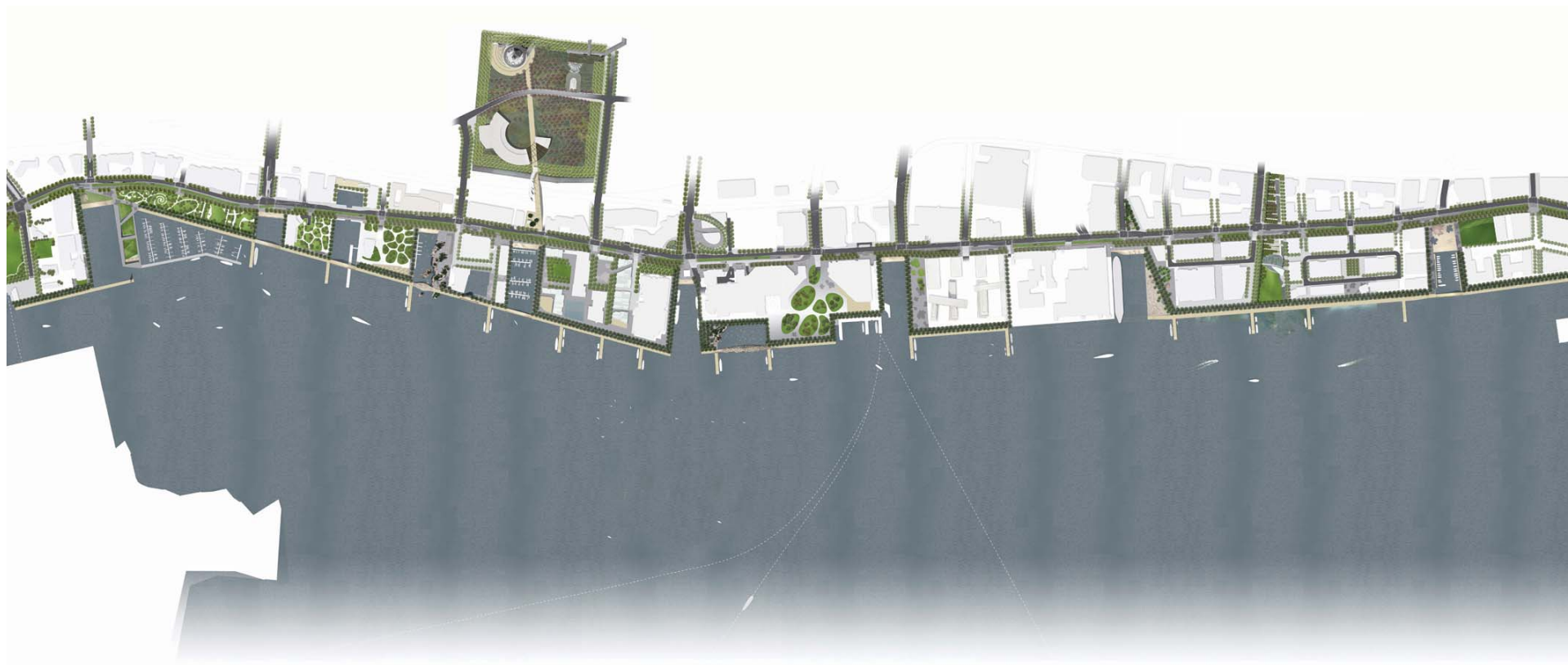
## Two Linear Park Systems – Movement & Connectivity



Woven, Multiple Waterfront =

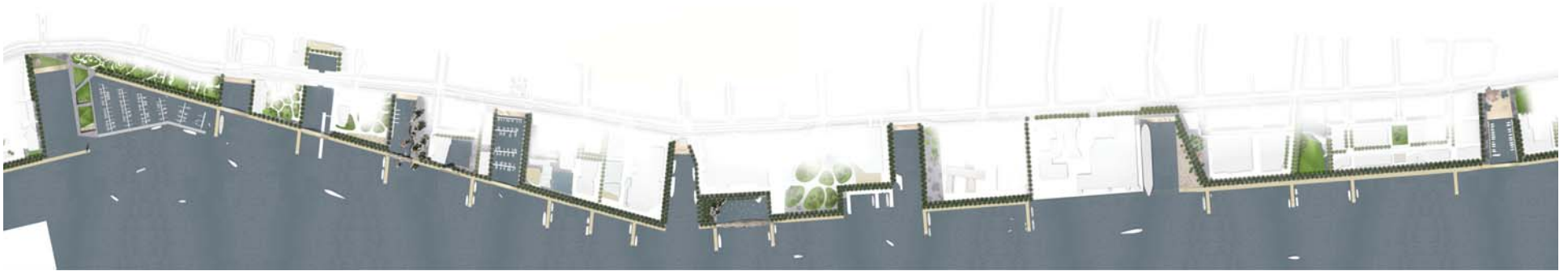


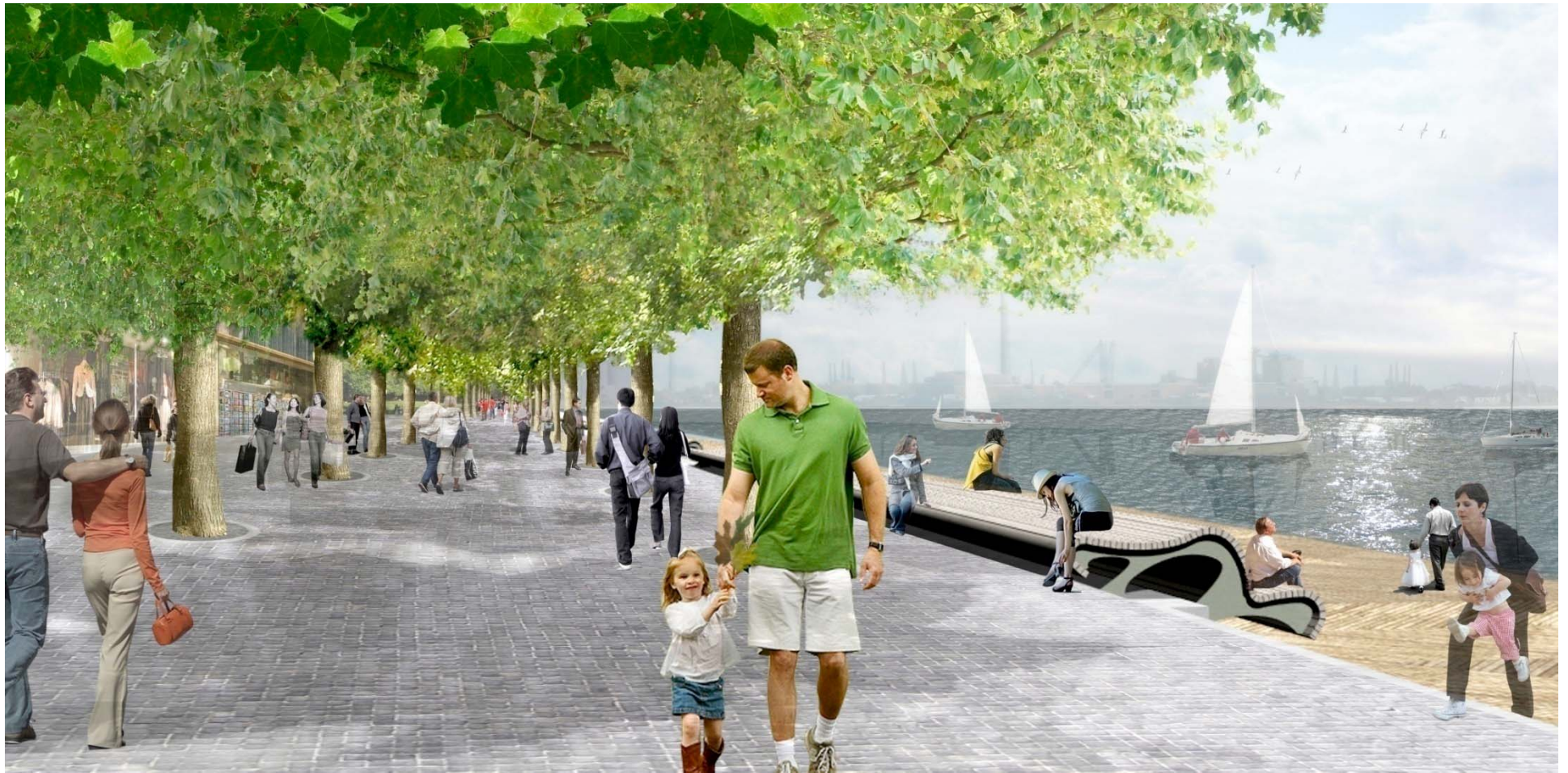
## Central Waterfront Master Plan





## Water's Edge Promenade

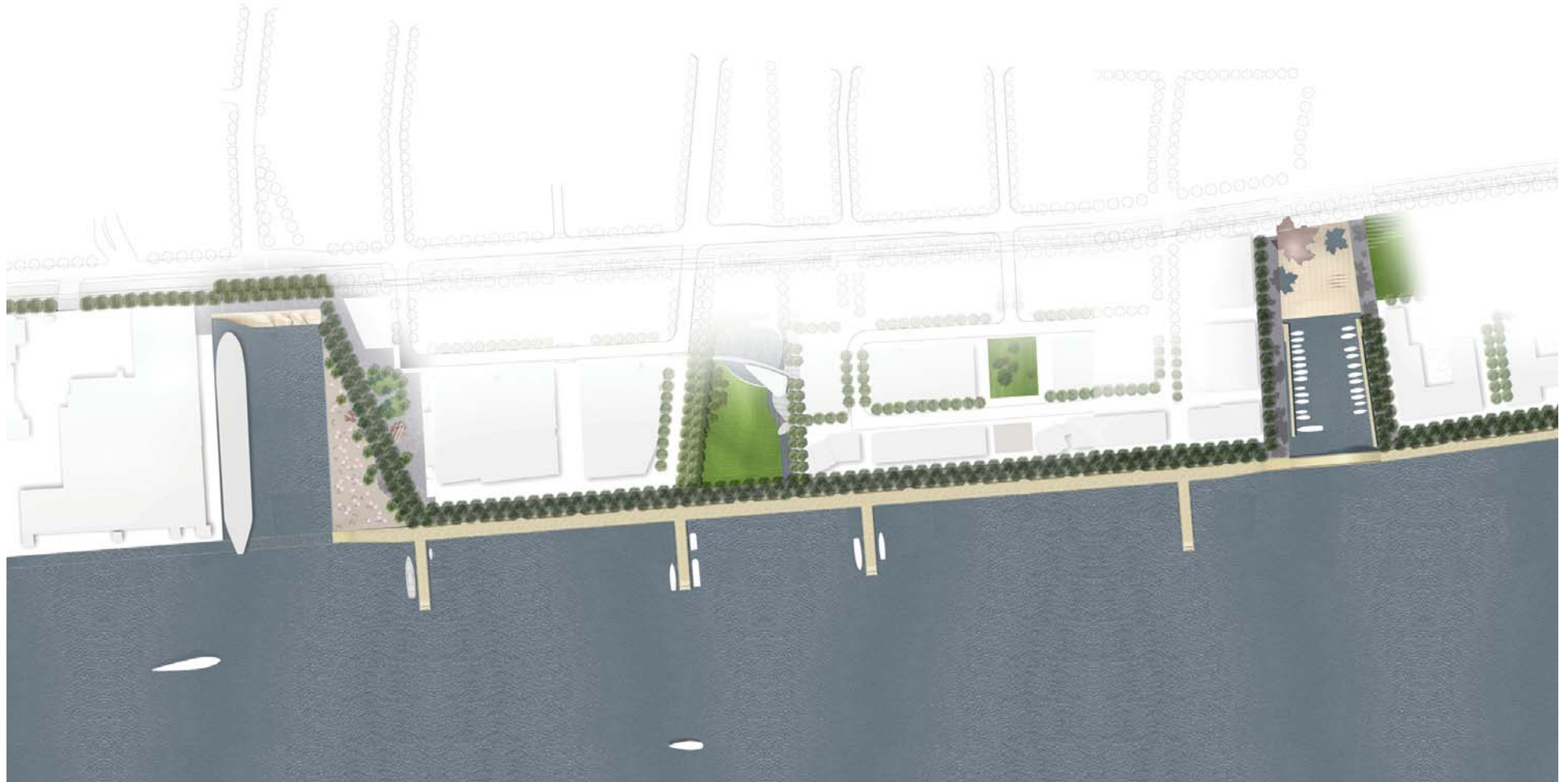






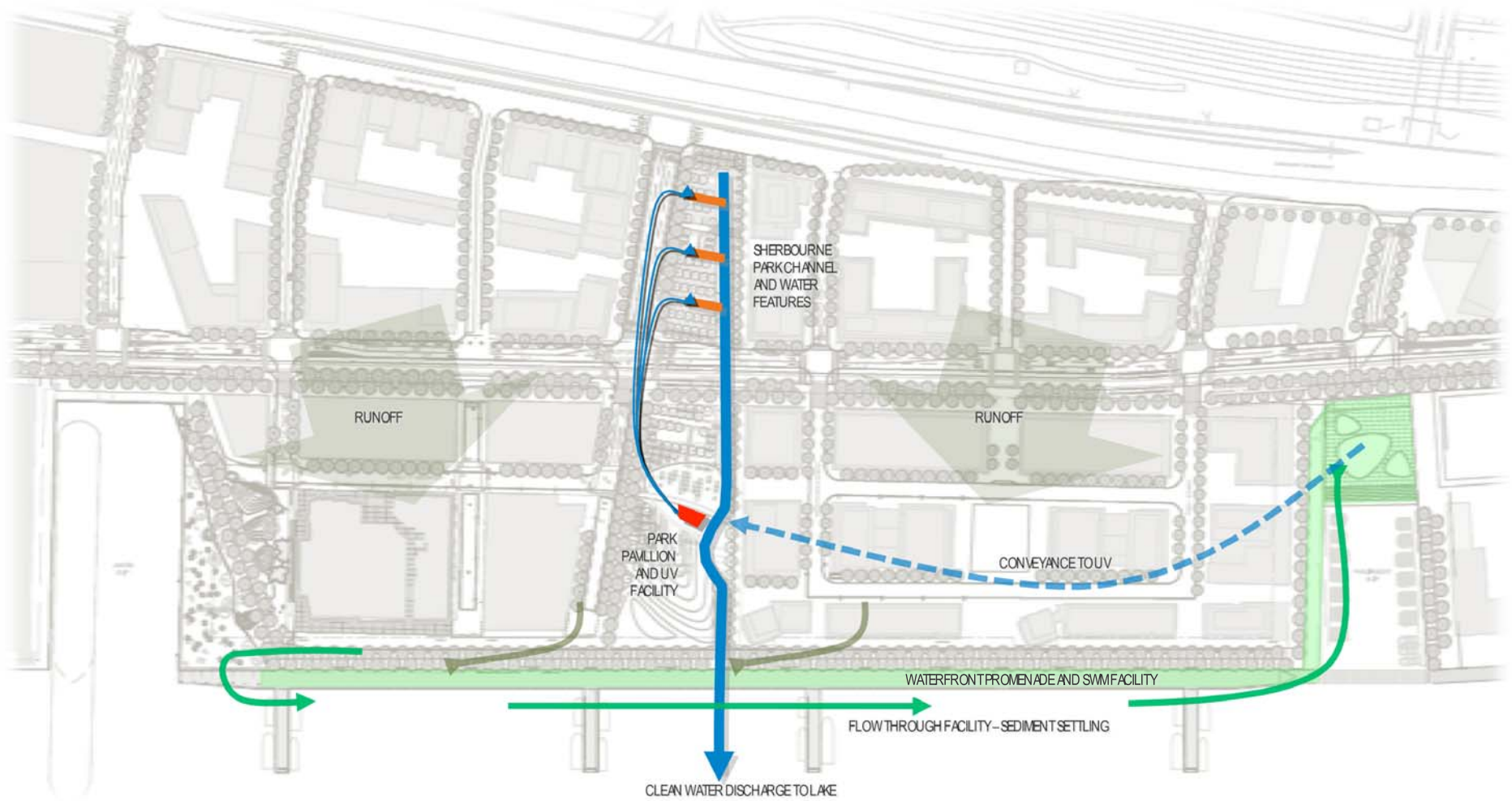


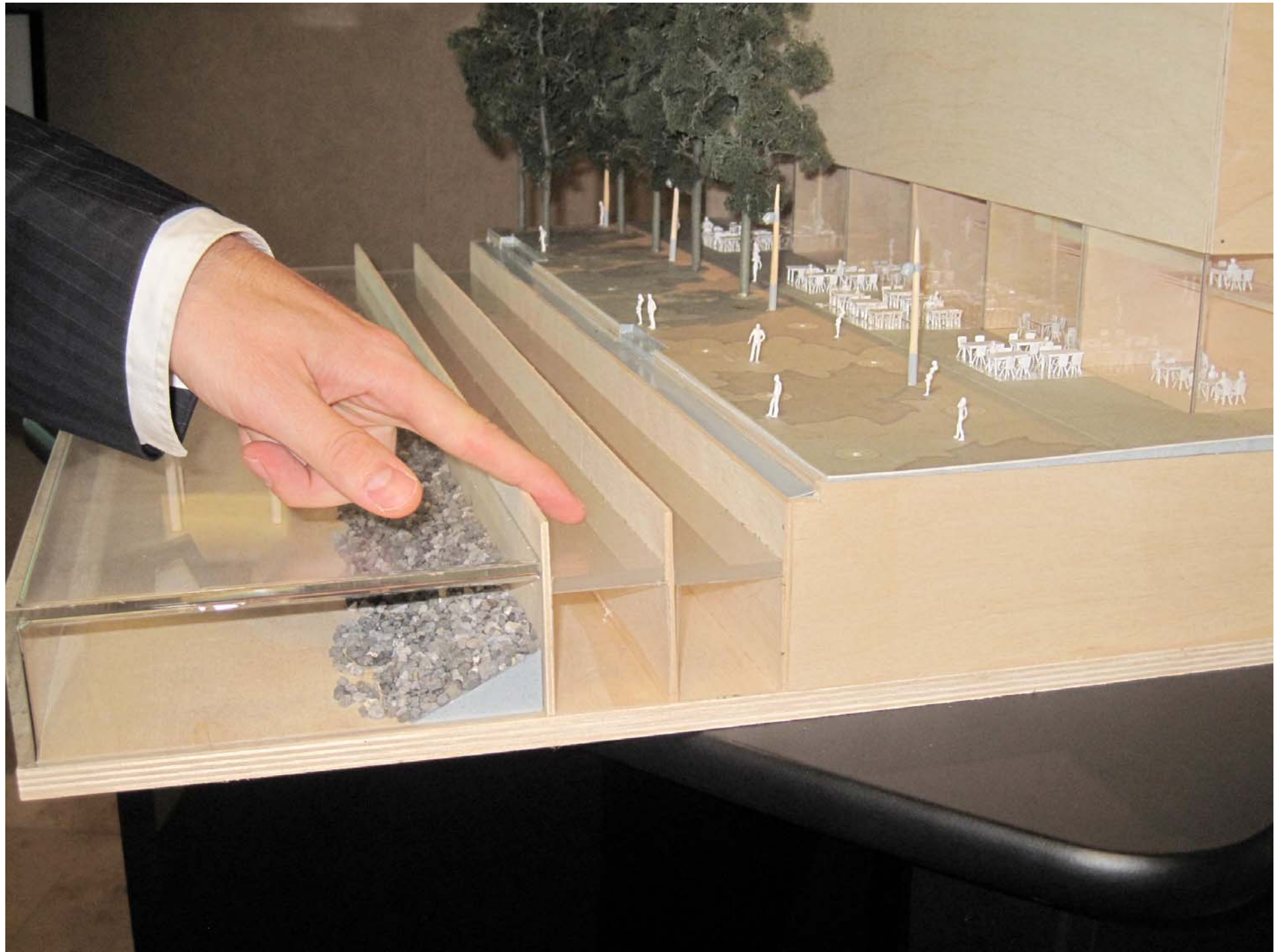
## Water's Edge Promenade – East Bayfront



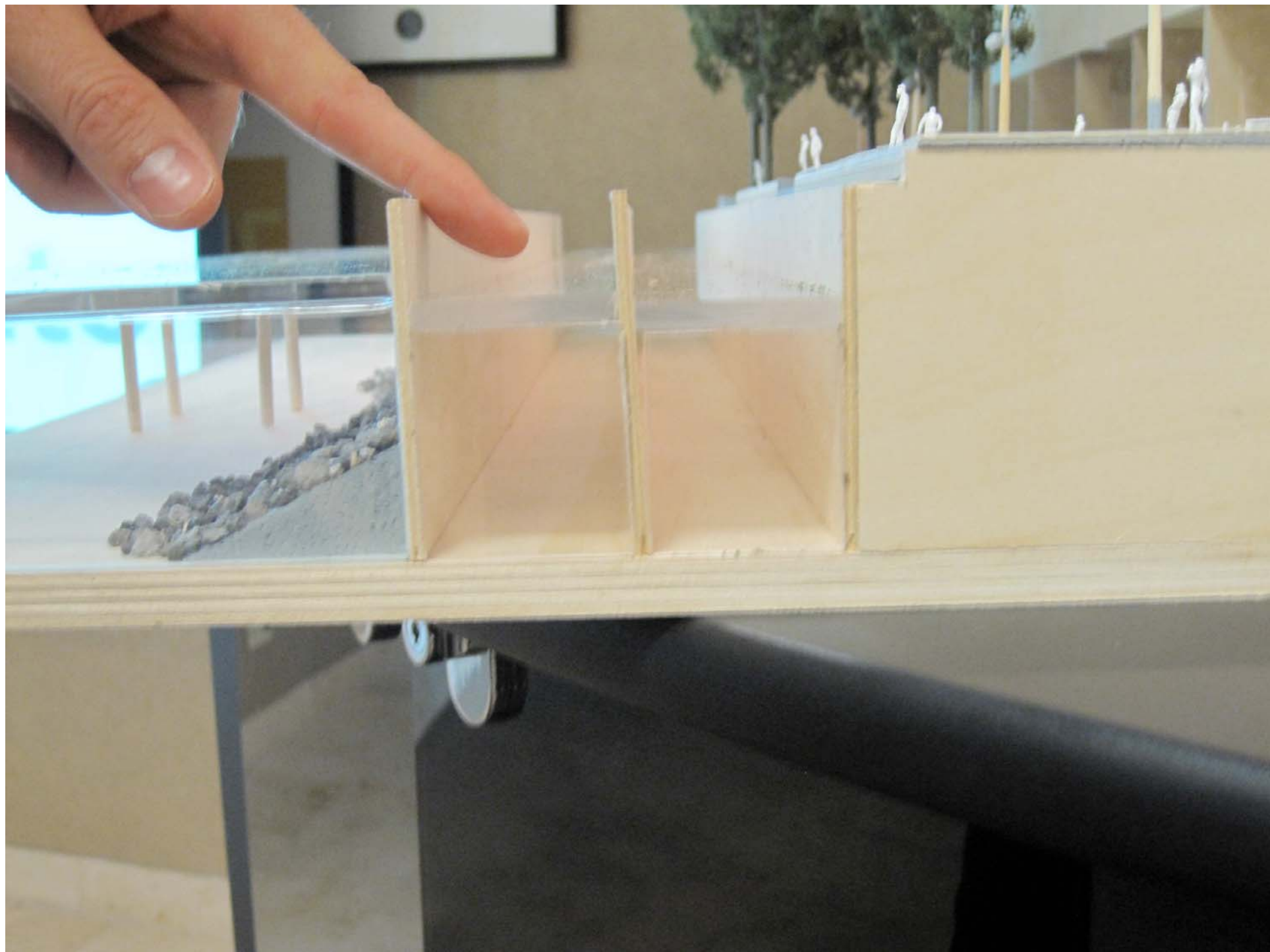


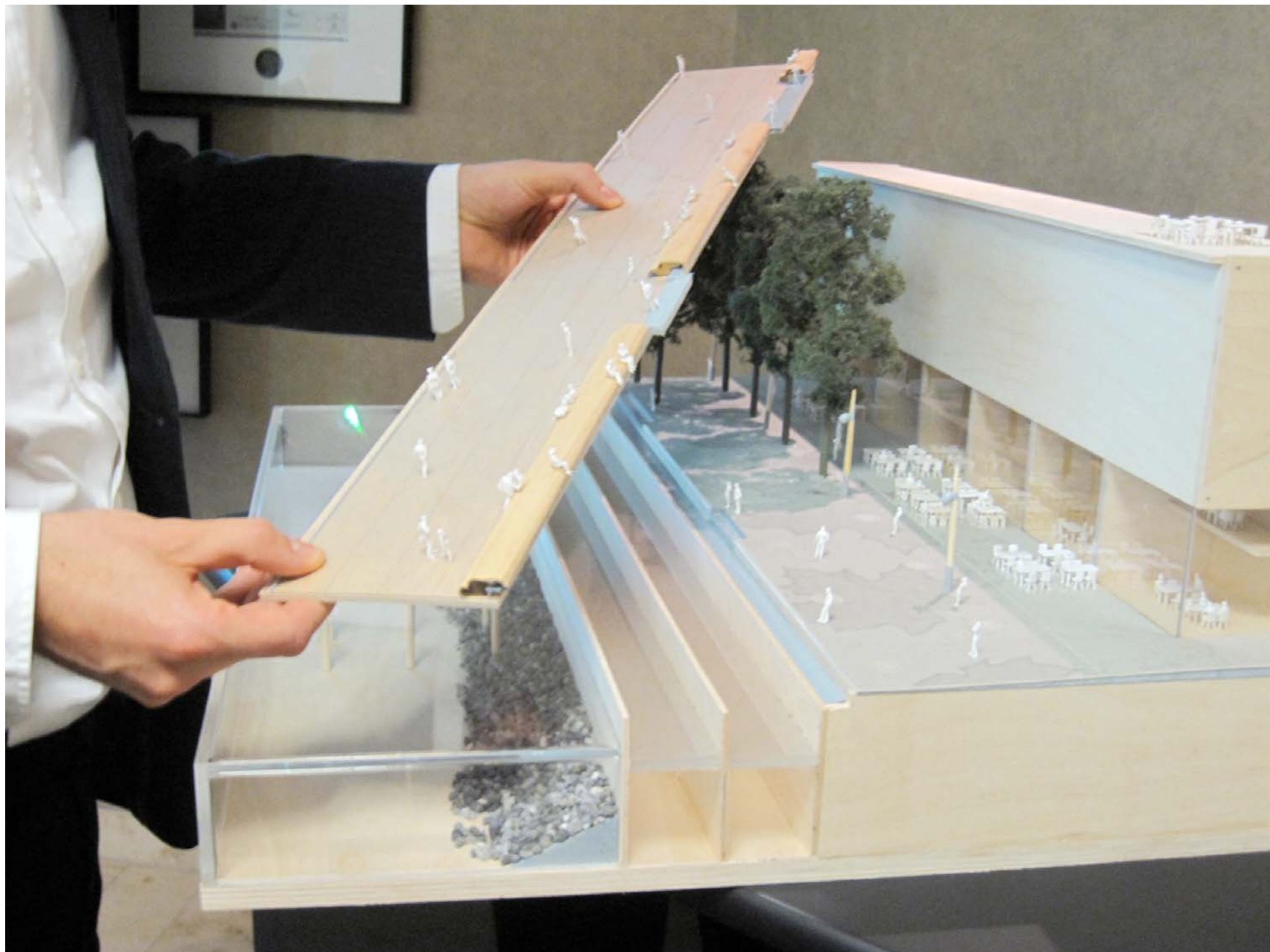
## stormwater management strategy





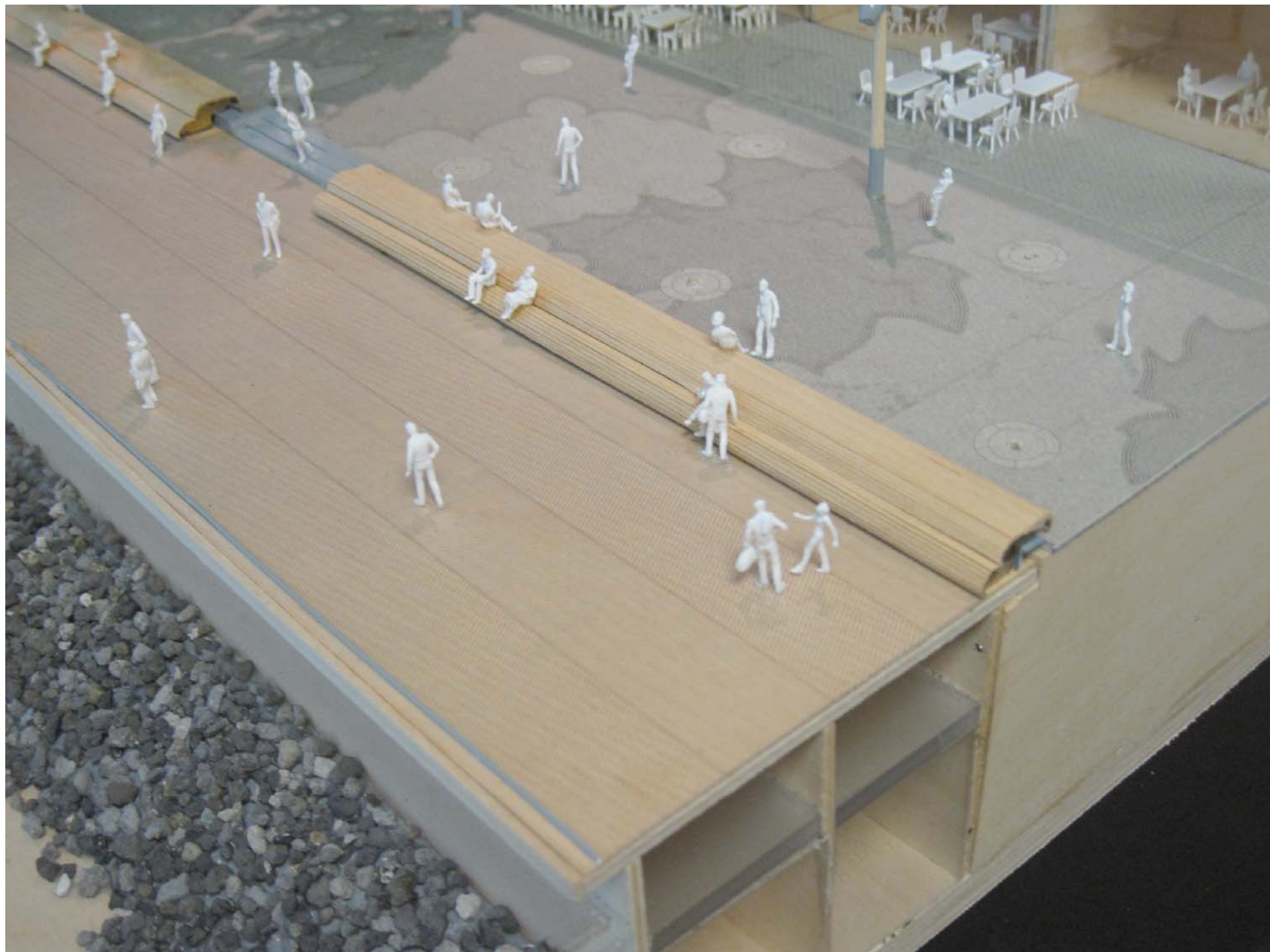




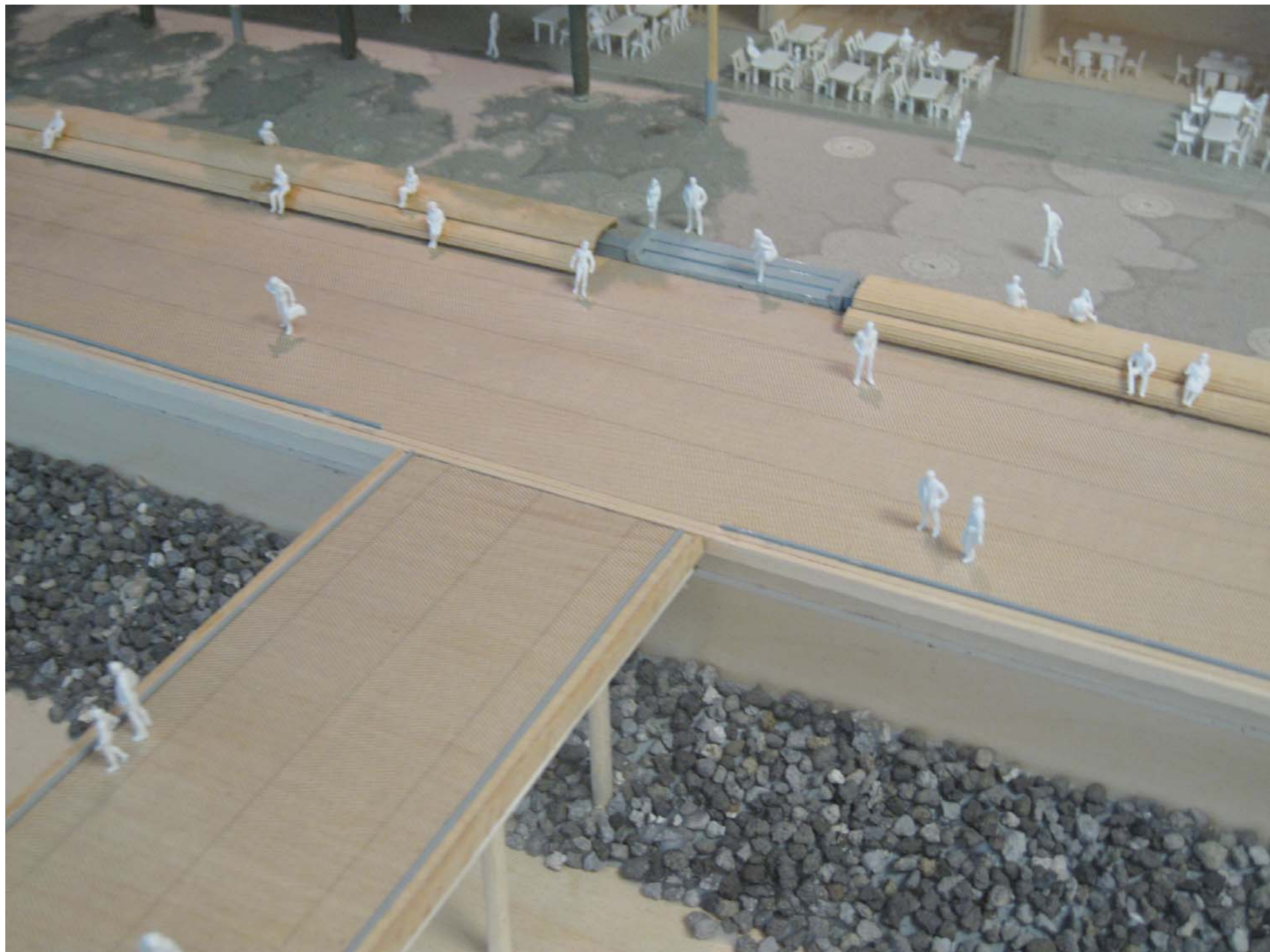










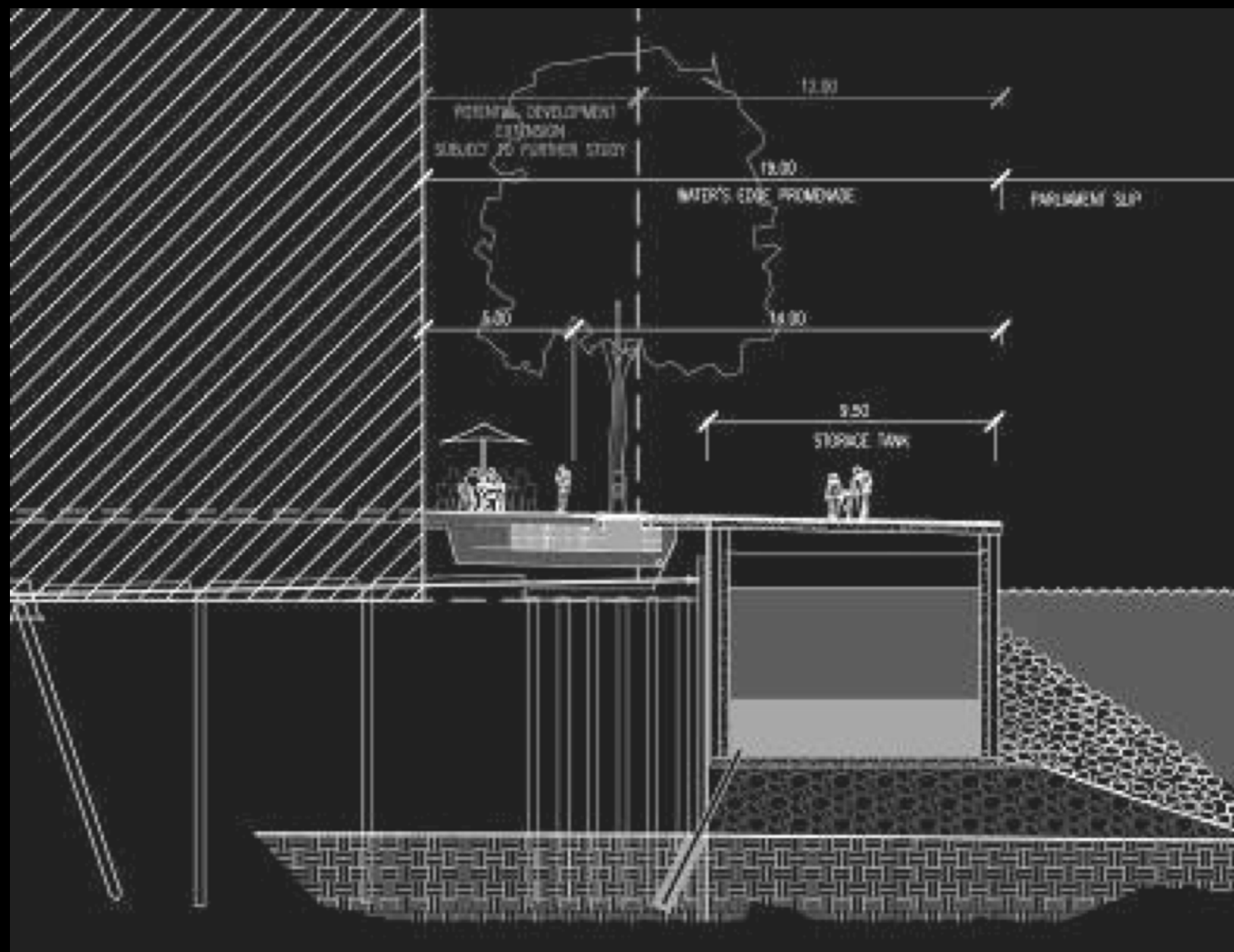






Stormwater Infrastructure = Public Realm  
Boardwalk over tank structure





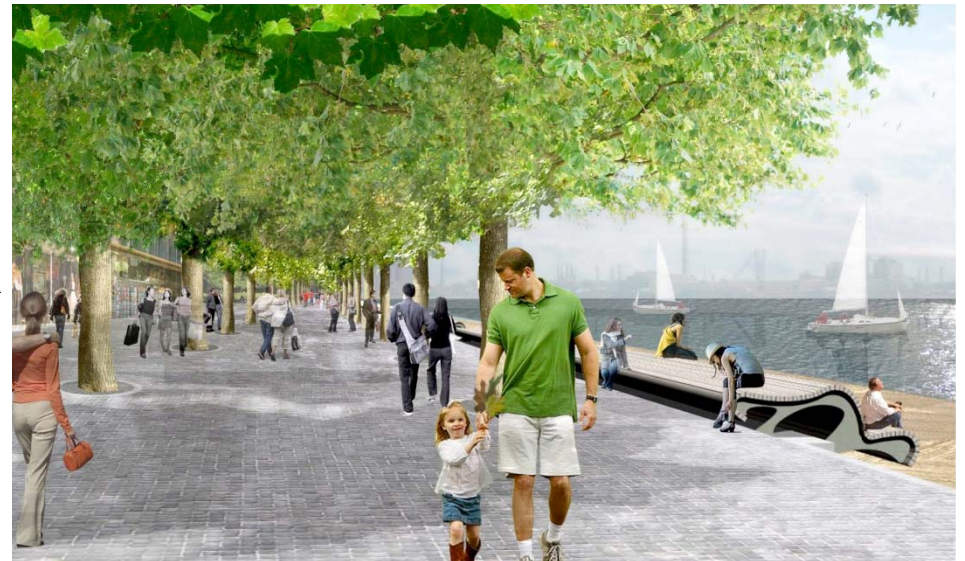
EBF Water's Edge Today



EBF Water's Edge 19m ROW  
Integration of Building Spill-out within  
the waterfront



Koetter Kim Precinct Plan 2005



West 8 + DTAH 2009



EBF Water's Edge 19m ROW  
Interface with Buildings



Koetter Kim Precinct Plan 2005



West 8 + DTAH 2009

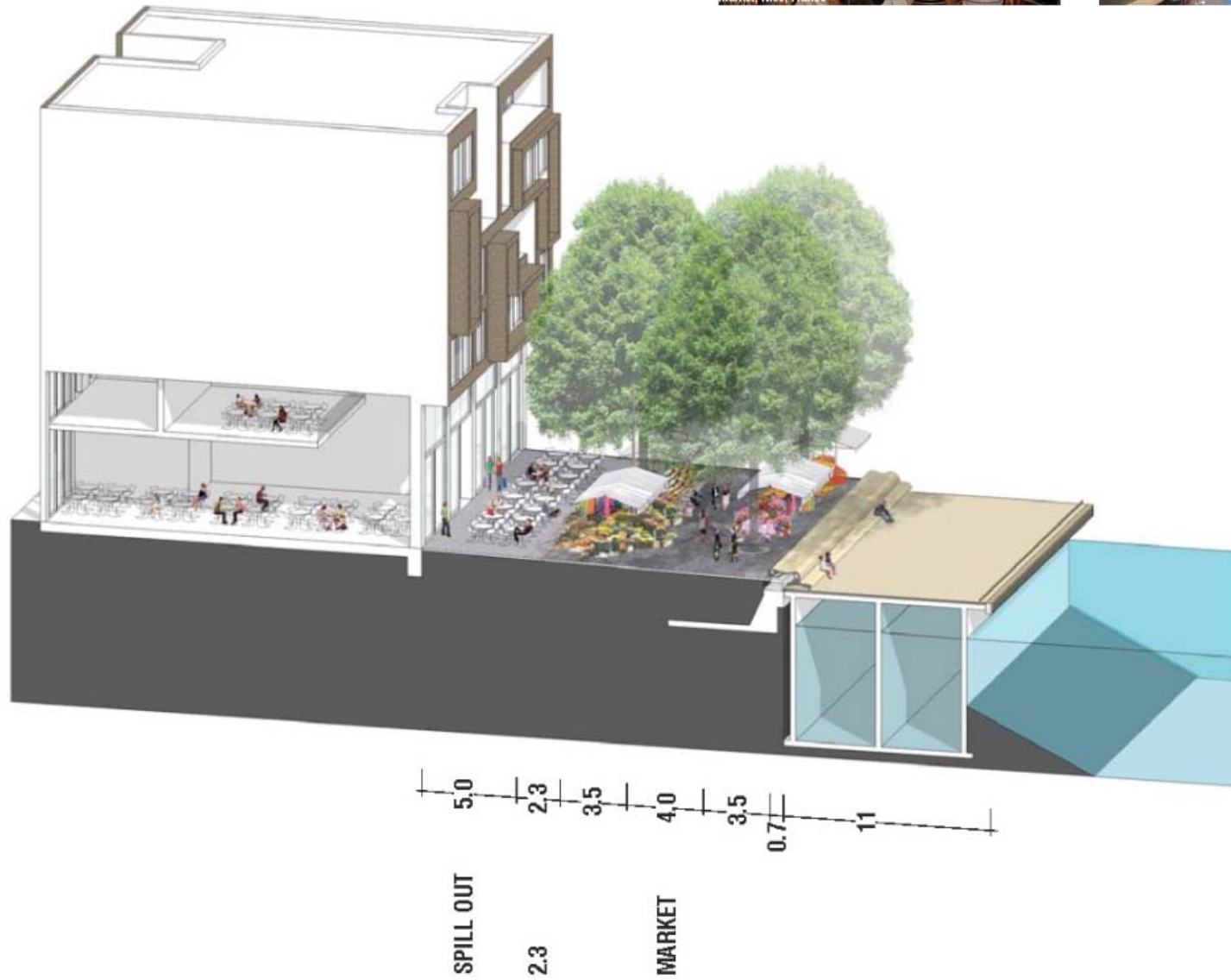
7m spill-out zone adjacent to buildings  
smooth transition to 12m promenade, double-row trees



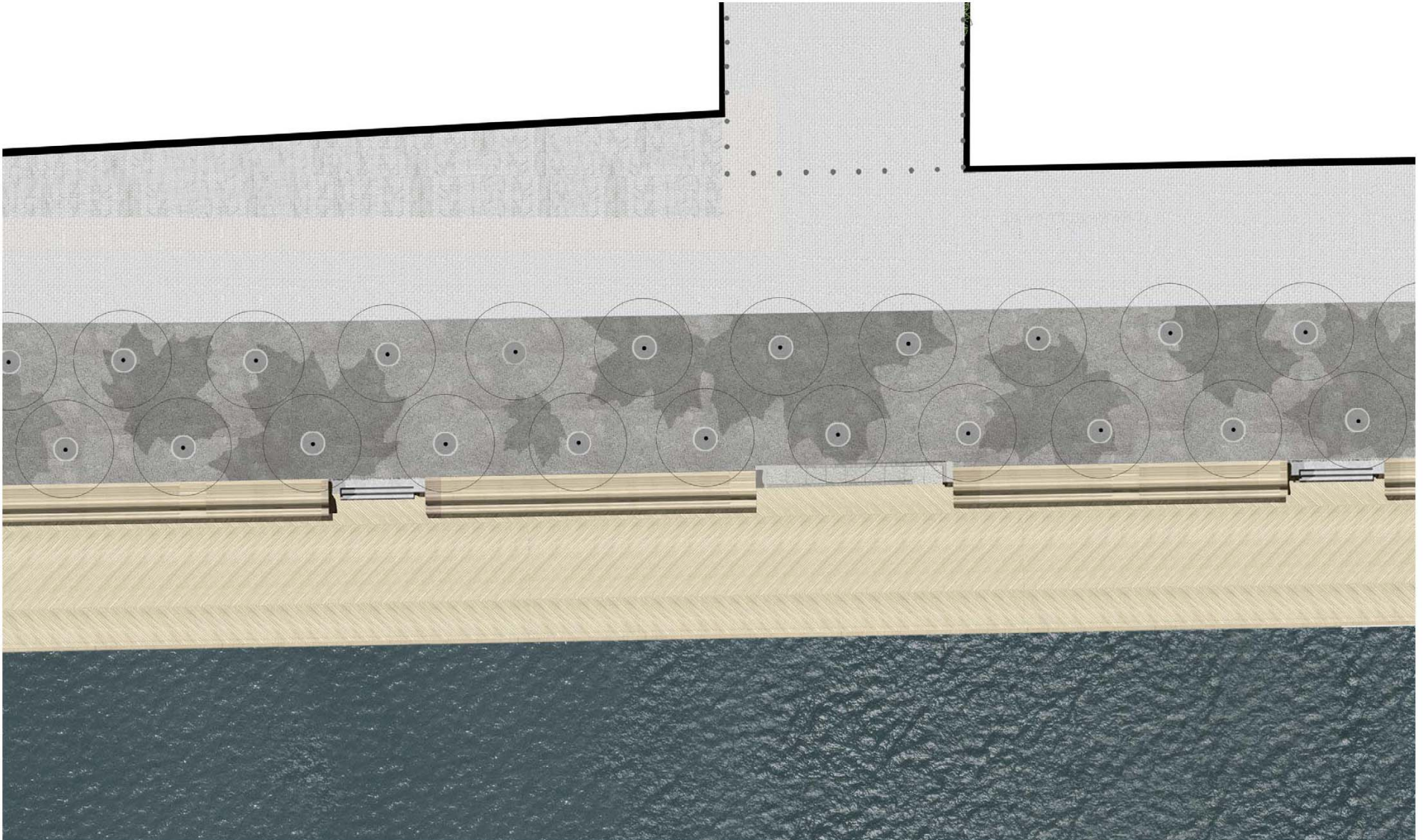
Buildings facing Public Realm





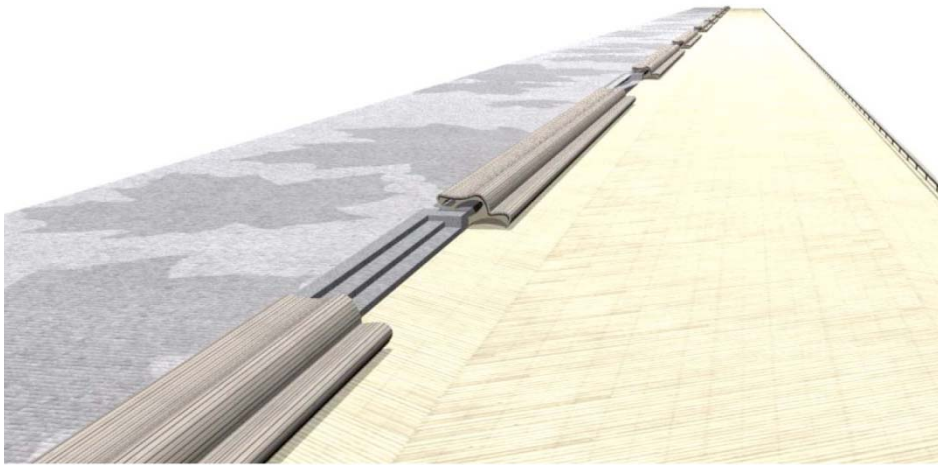


Leaf Silhouette - Large (160% of QQ)  
Water's Edge Promenade

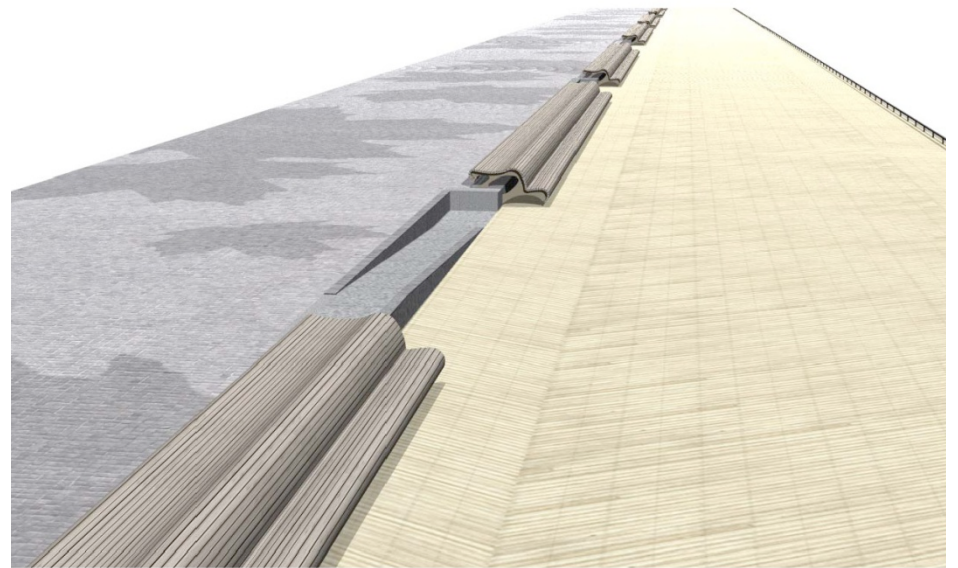




## Promenade to Boardwalk connections



Stairs

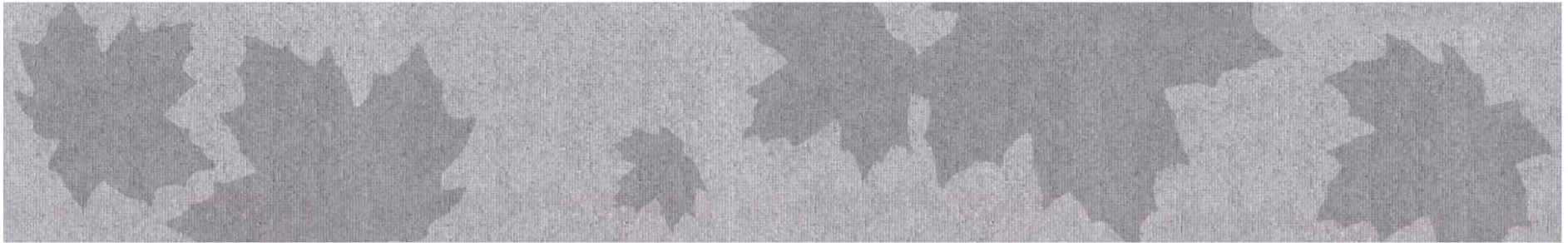


Ramp

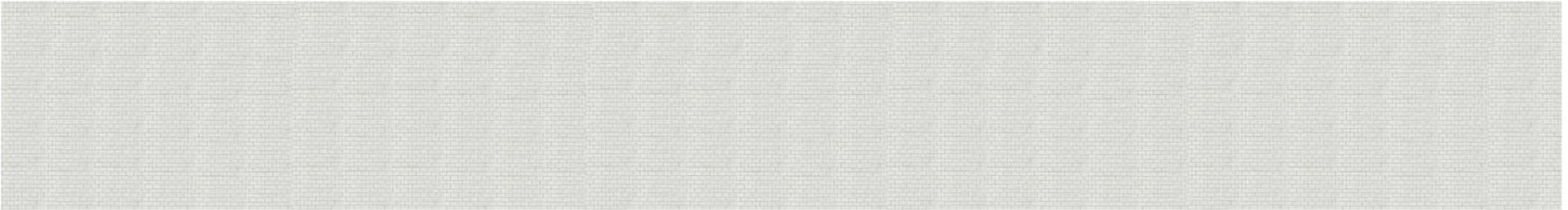




Granite Mosaic - Silhouette  
**Water's Edge Promenade**



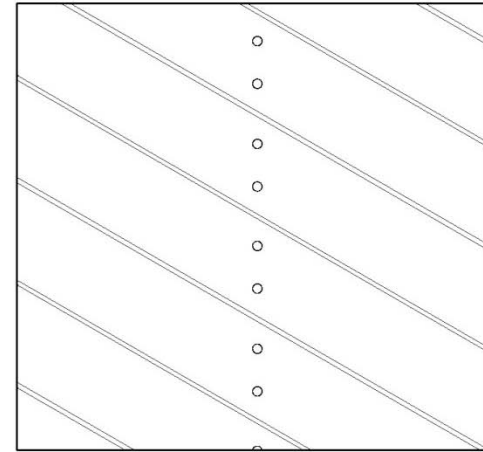
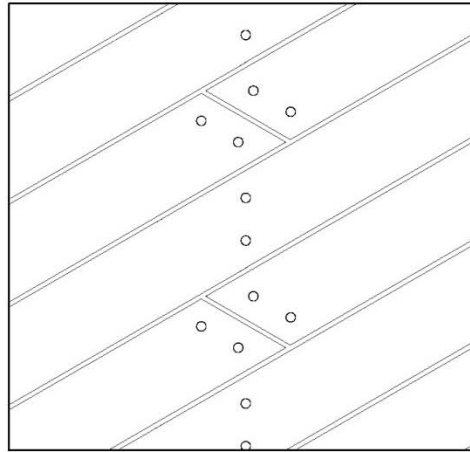
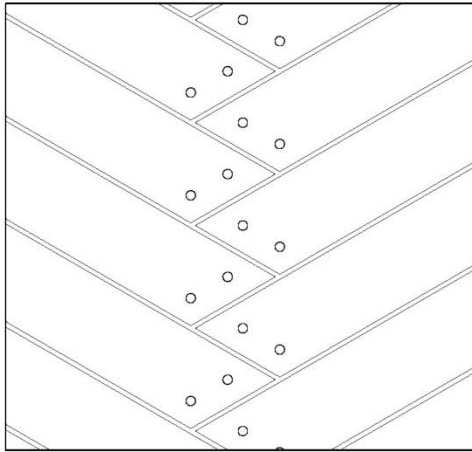
Concrete Pavers  
**Inner District Streets**



Granite Mosaic - Outline  
**Queens Quay Boulevard**



Herringbone Details  
**Three Connection Types**



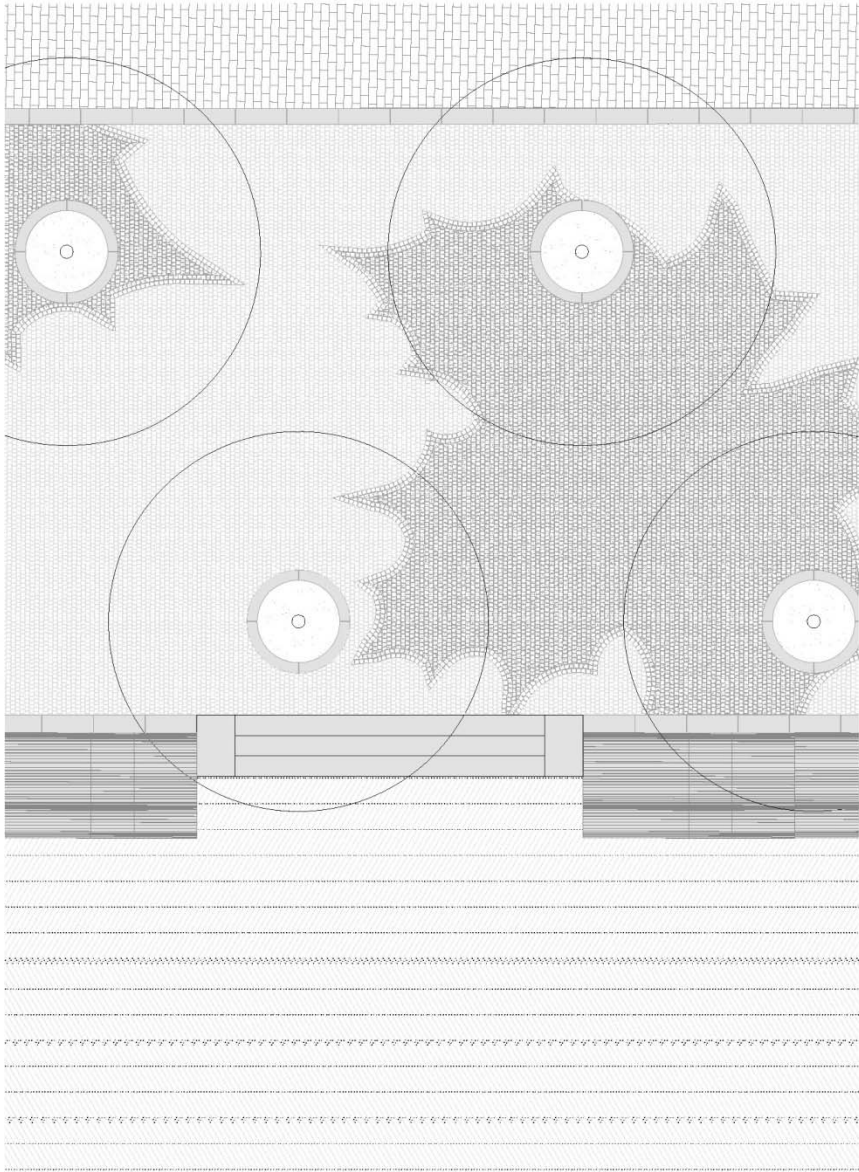
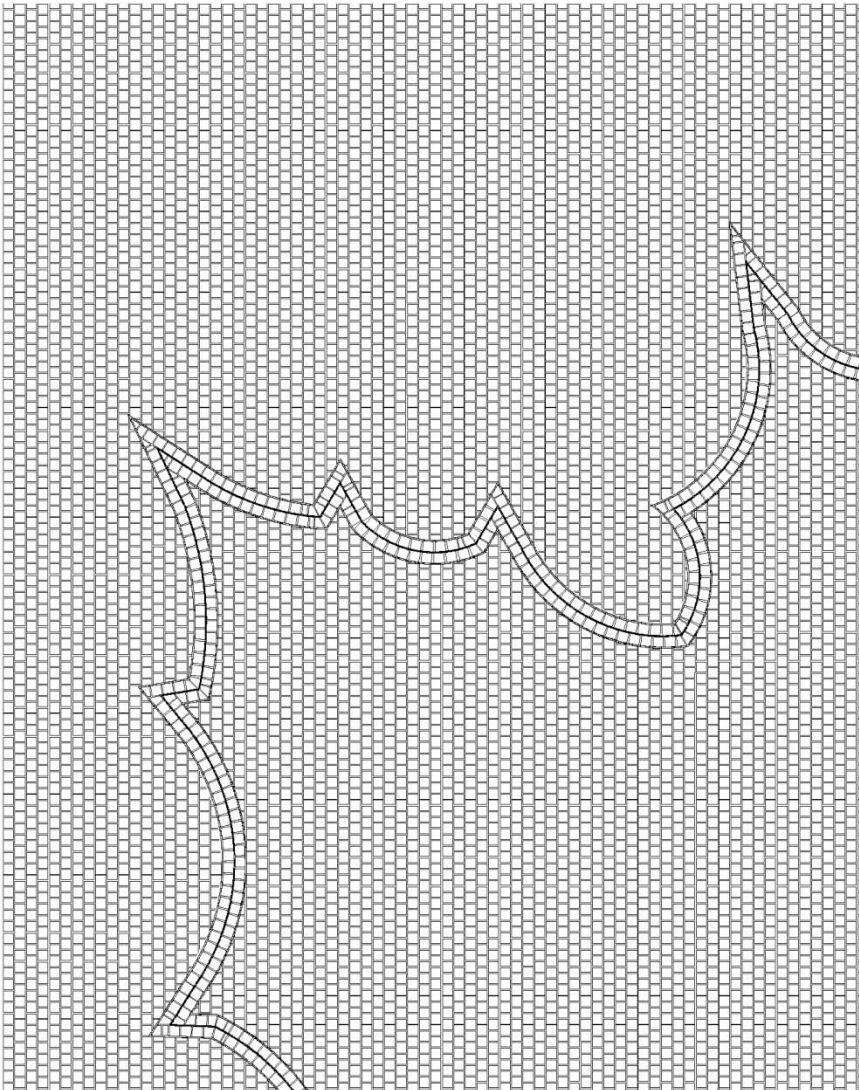
- Longest board length: approx. 4.7m

Assumptions:

- Precast concrete deck understructure similar to York Quay Water's Edge
- Toe-rail 500mm back from edge - match York Quay 75mm DIA. galvanized pipe



Schematic Paving Details





In-progress

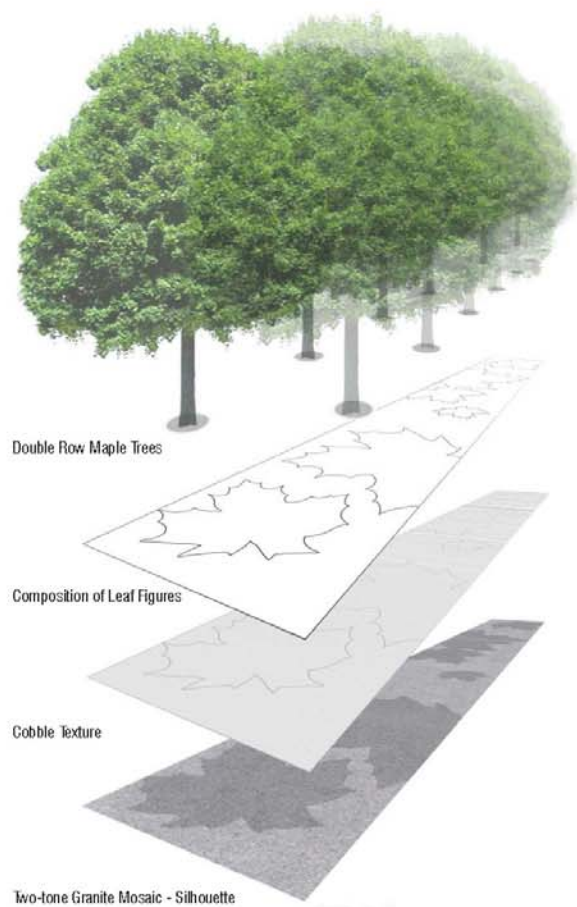
Granite Mosaic Mock-up:

Testing various stone, finishes, details

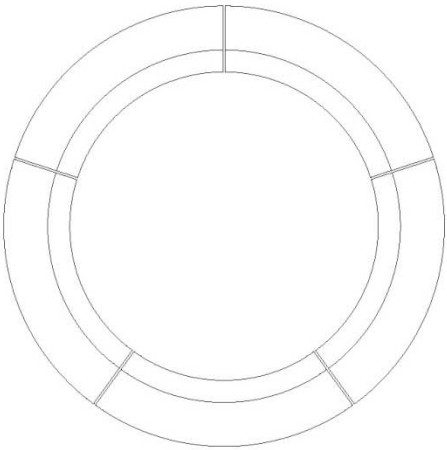
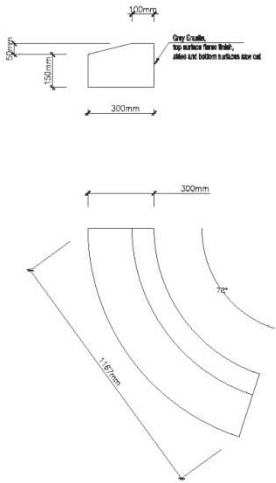
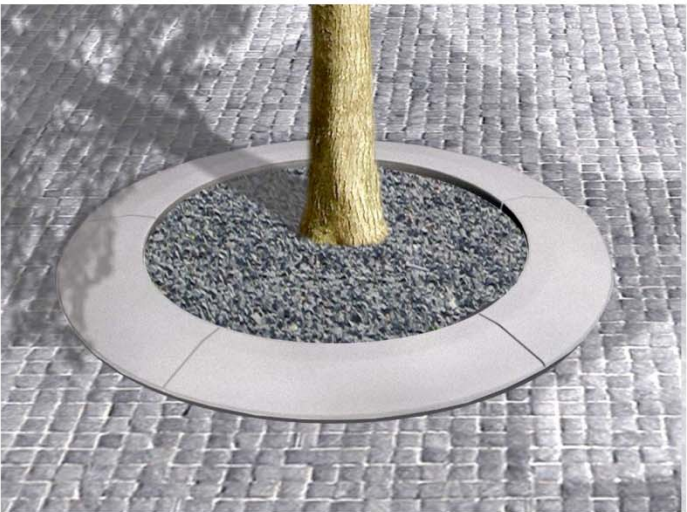




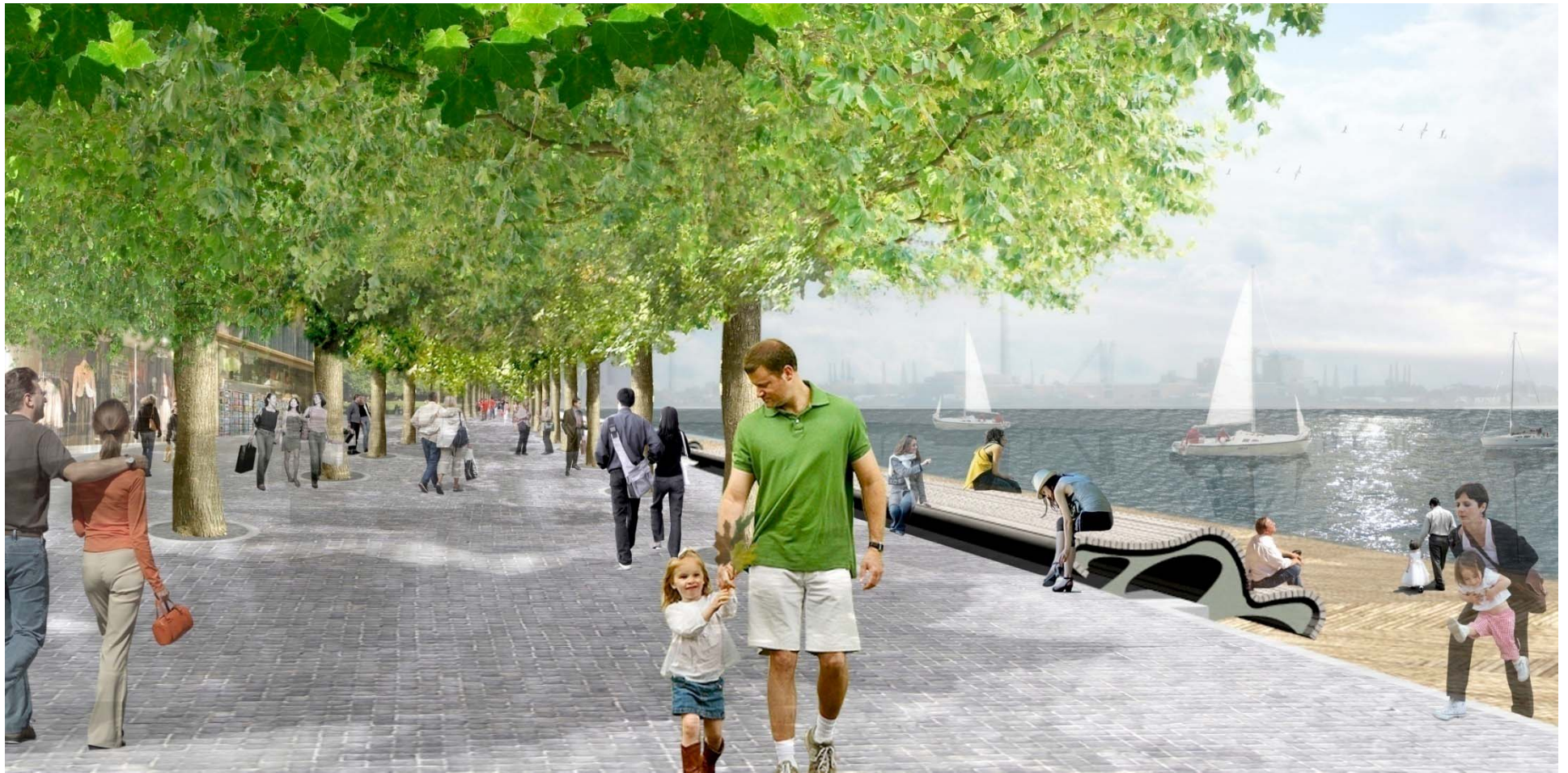
Elements of a Living Mosaic  
**Water's Edge Promenade**



Granite Tree Surround









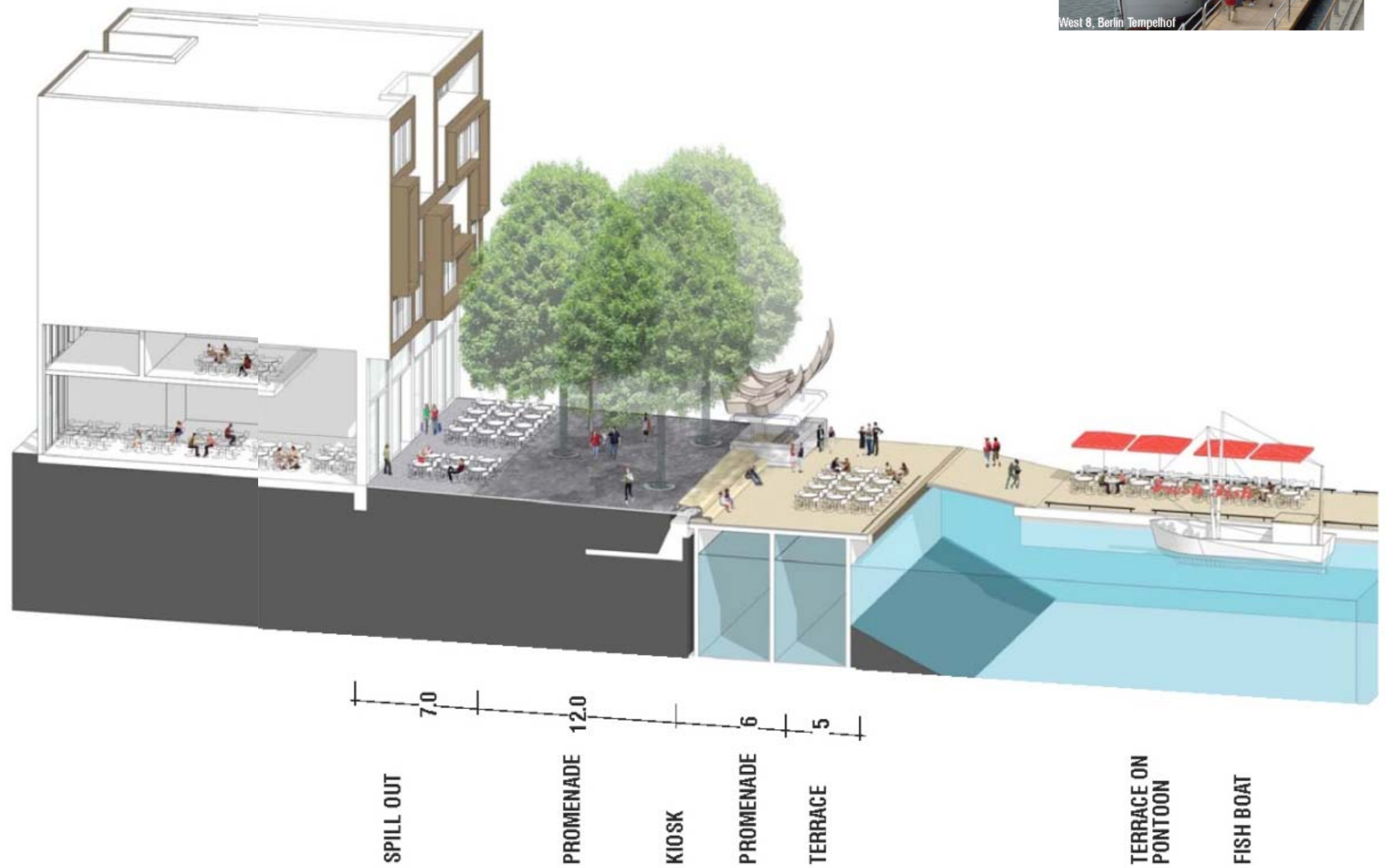


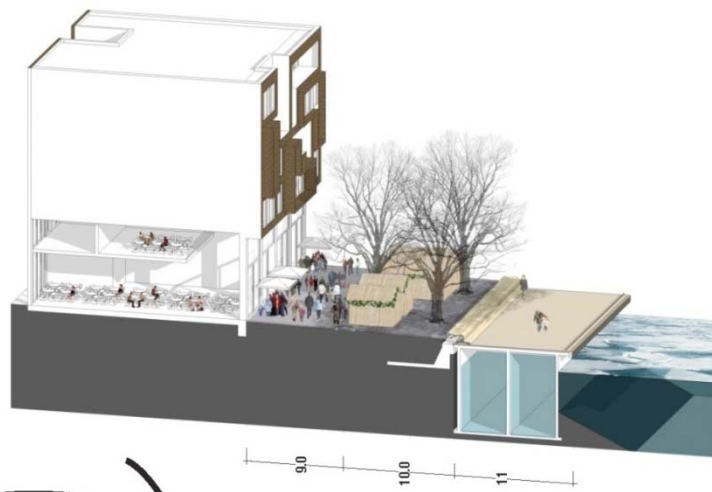




**PROGRAMMING**











Moveable Boardwalk Chair

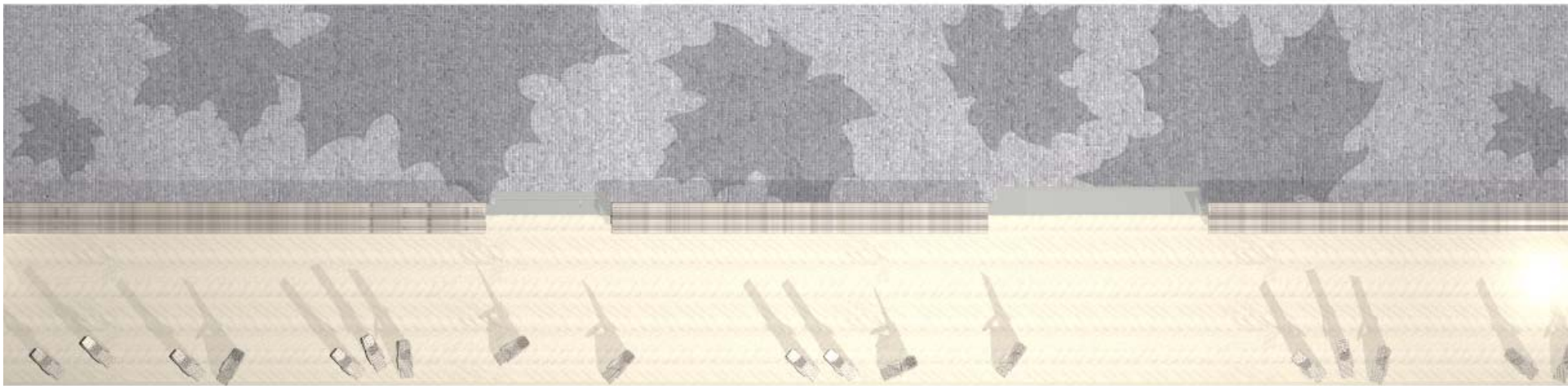


Muskoka Chair



Toronto's Boardwalk  
Lounge Chair?





# PARLIAMENT WAVEDECK

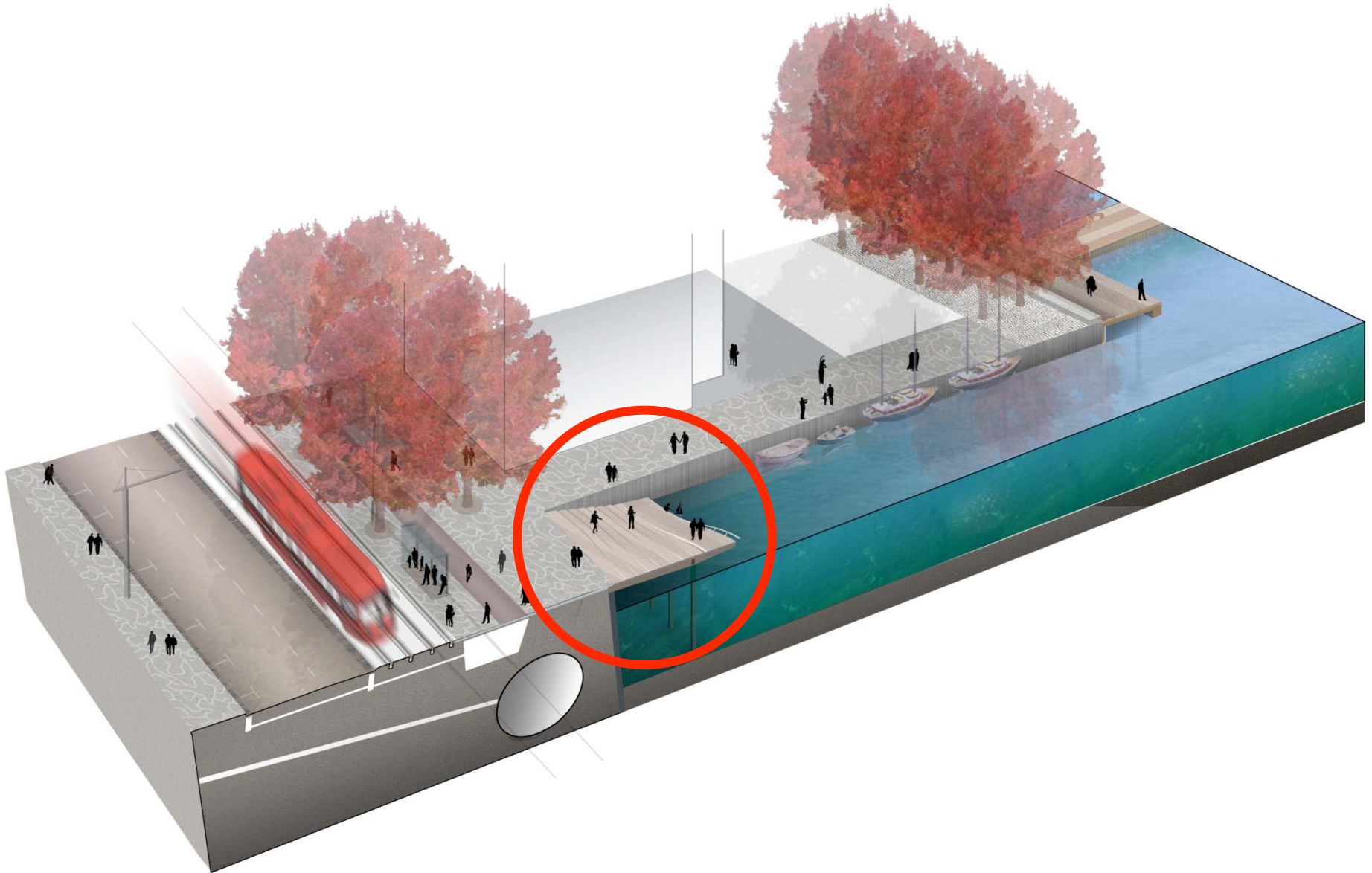
Continuity of Timber Jobs (Wood = Identity)

Sinuous lines of the curve

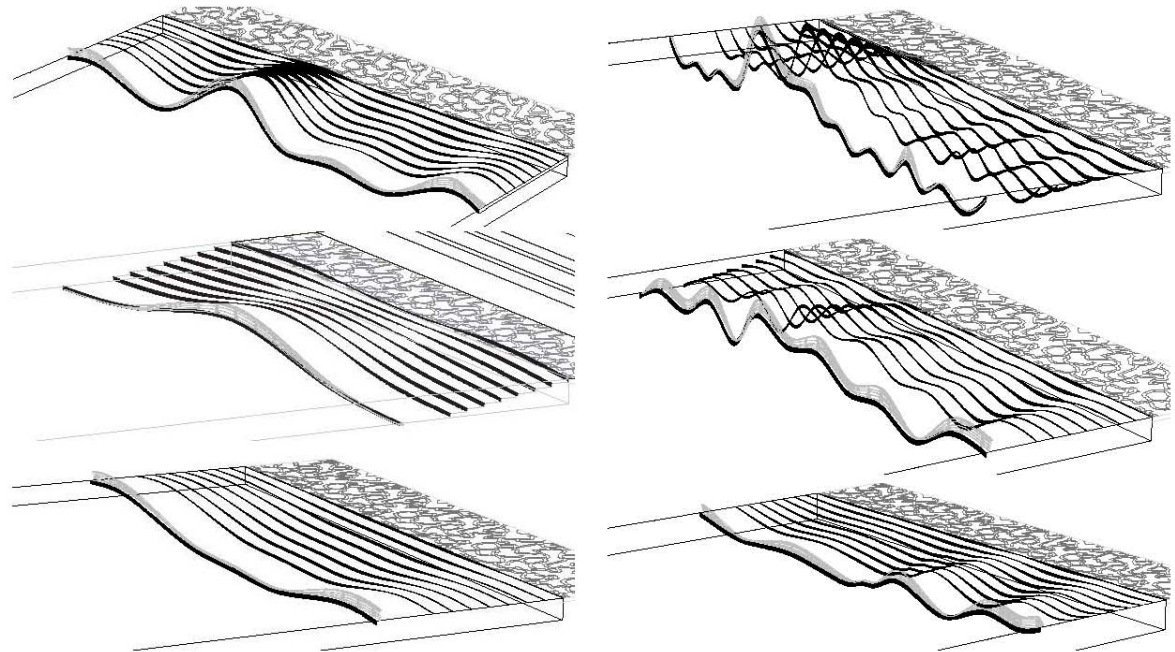
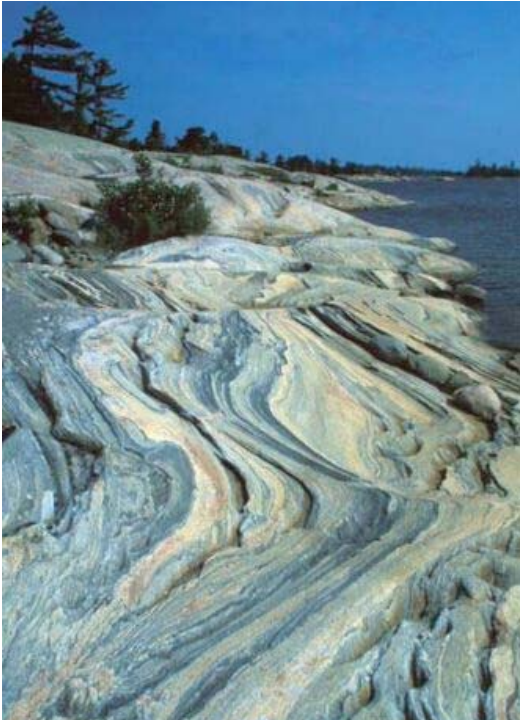
Every slip has a unique profile



## 1. Relation to the Streetscape, Expanded Public Realm



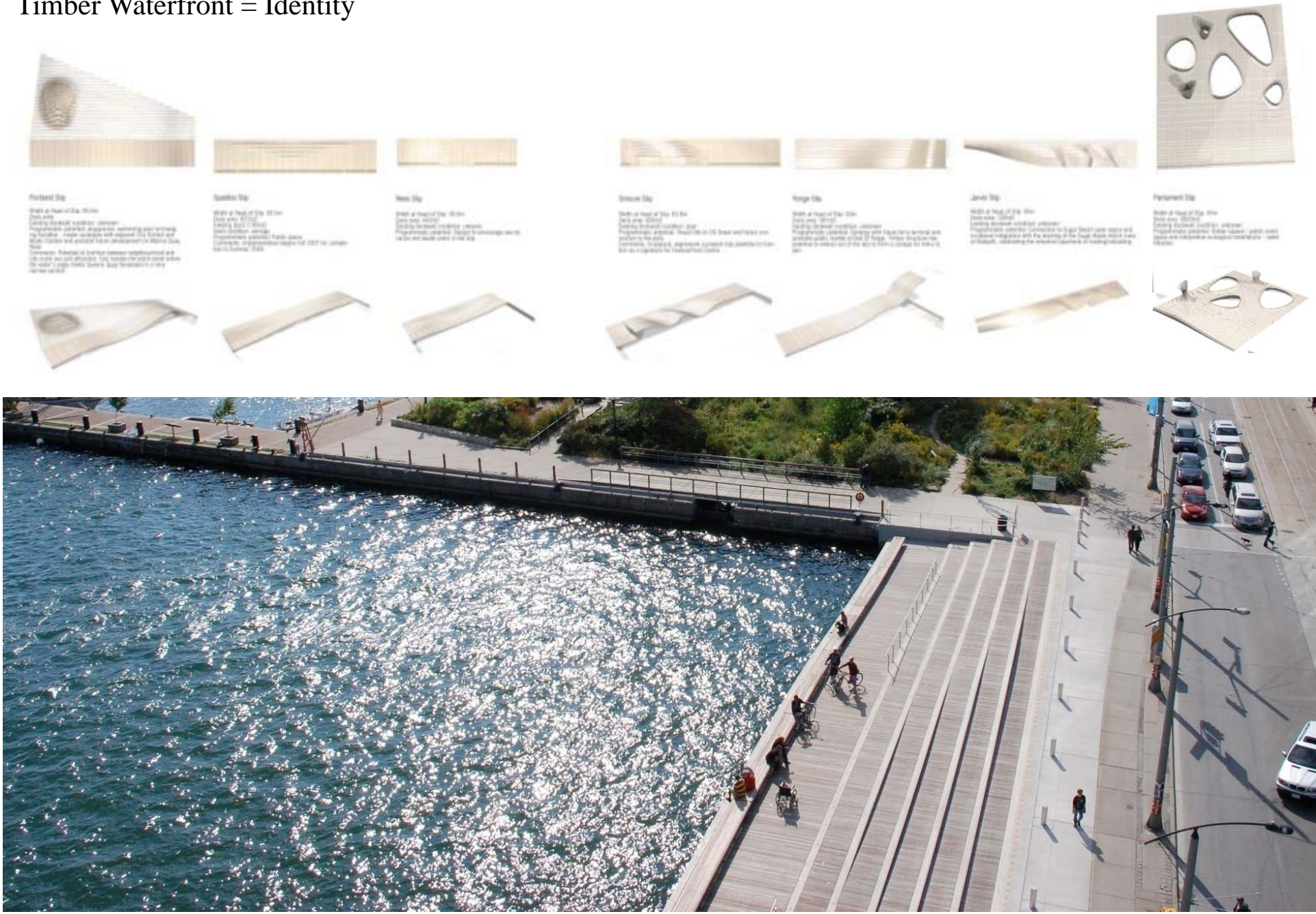
Variation Within a Consistent Language  
Each slip has a unique profile



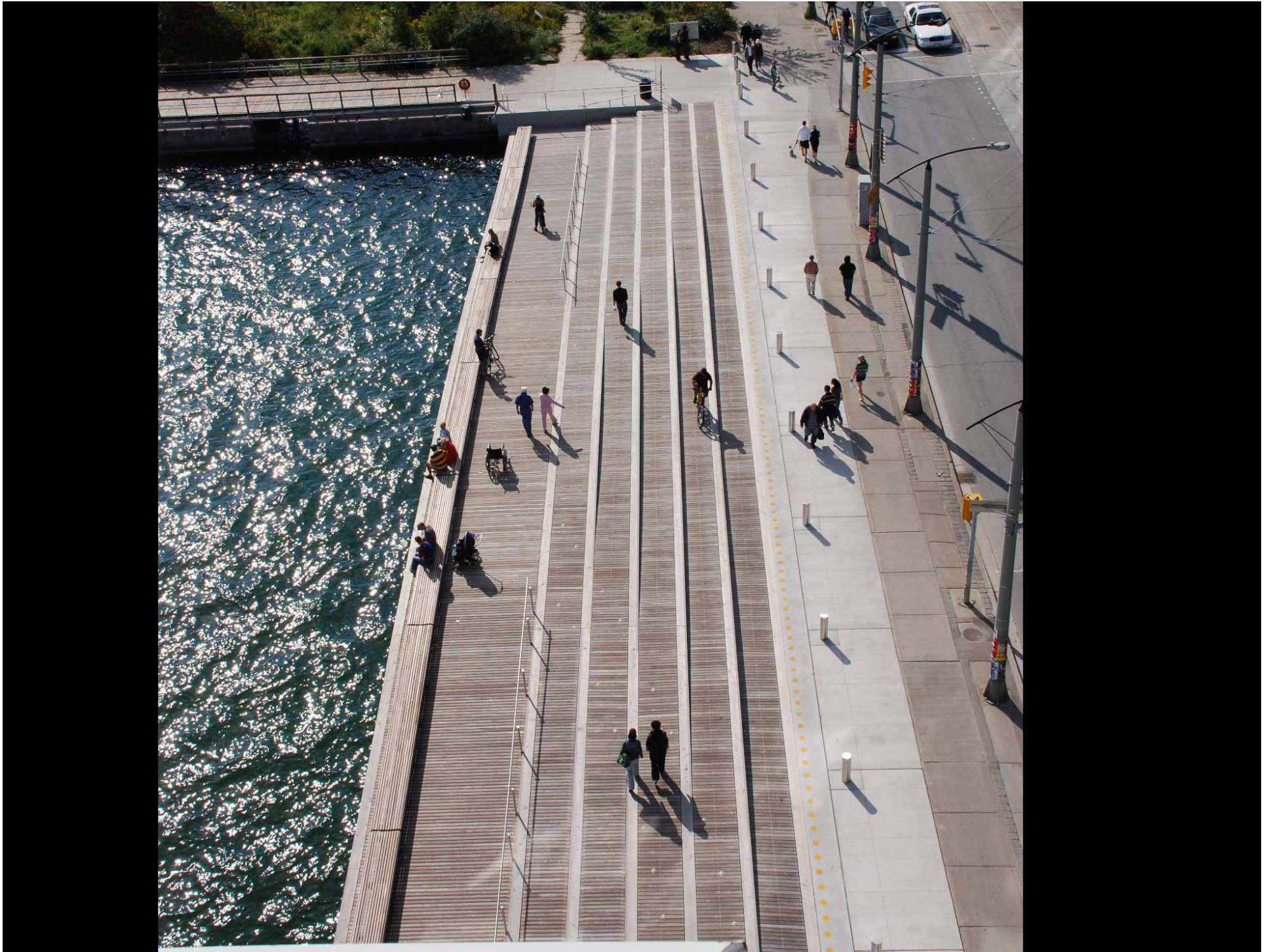


# Continuity and Coherence

## Timber Waterfront = Identity



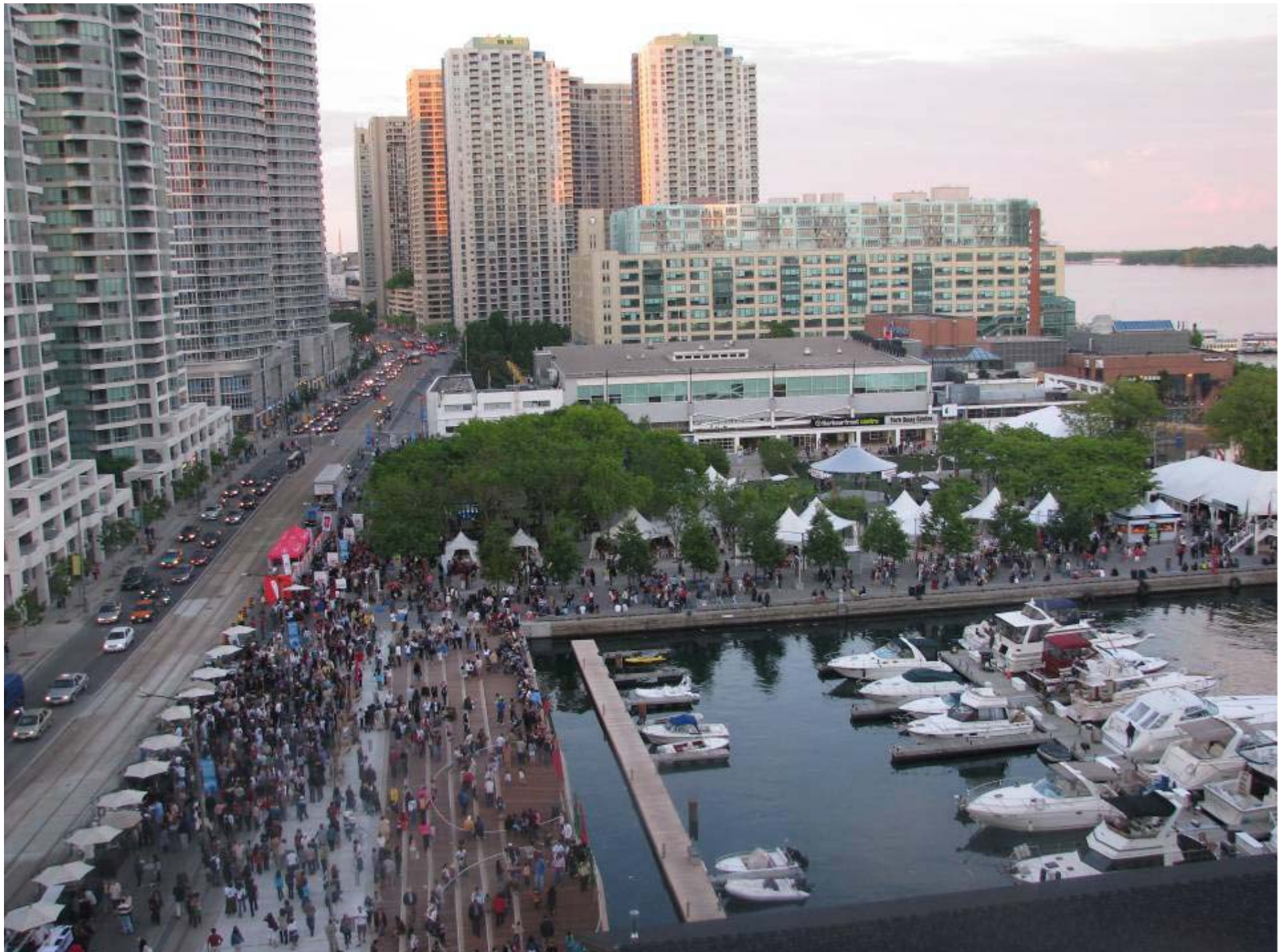




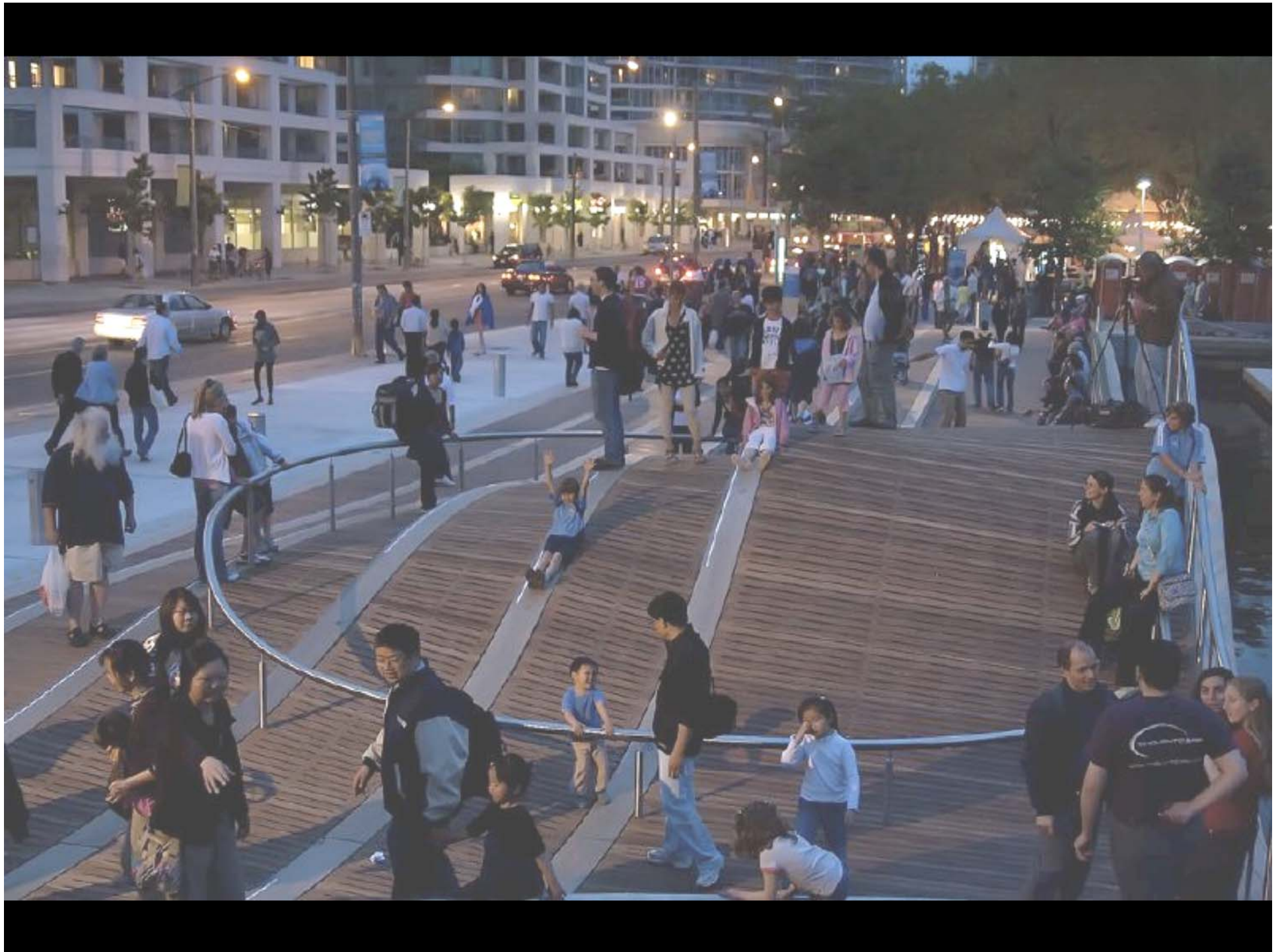


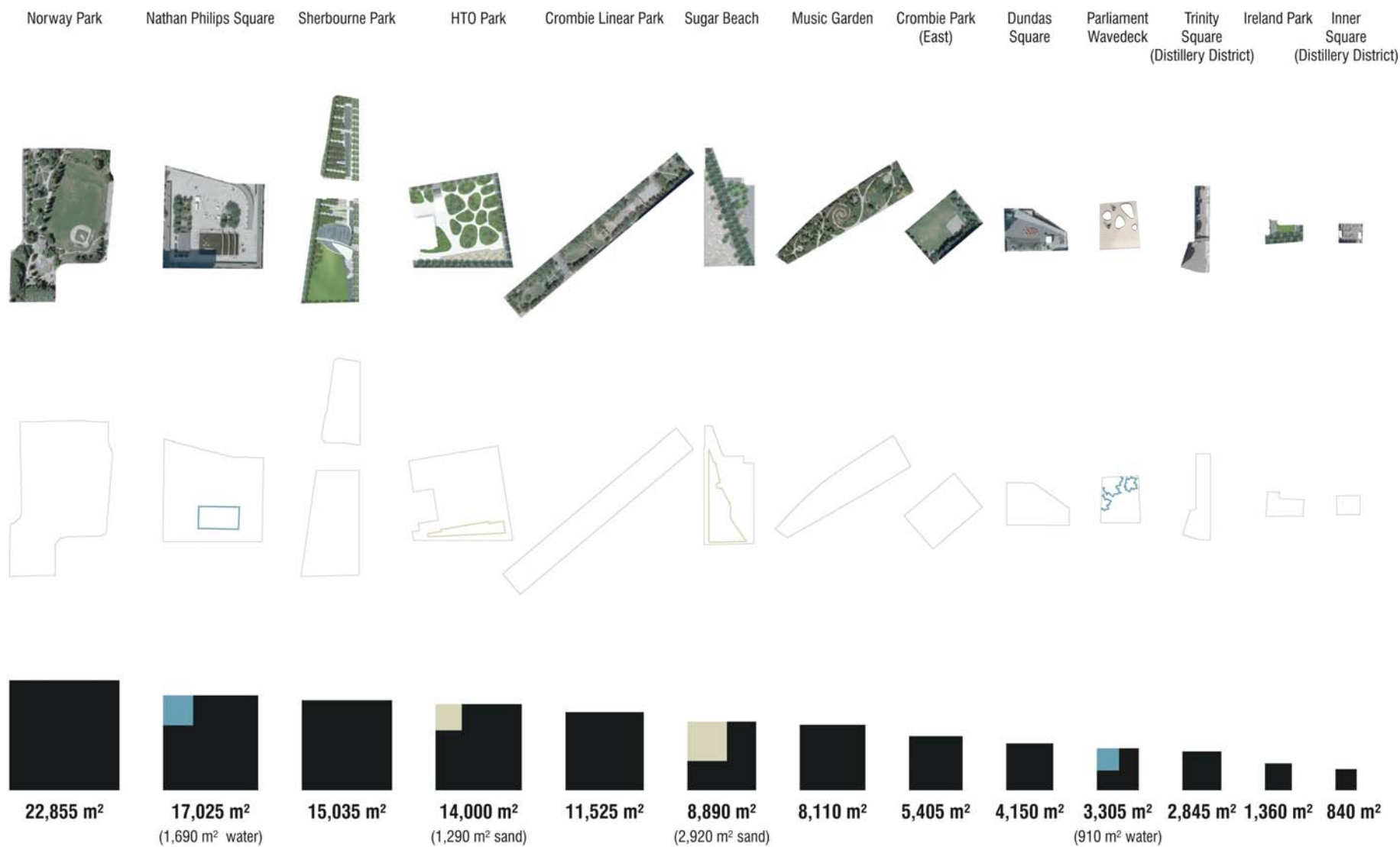






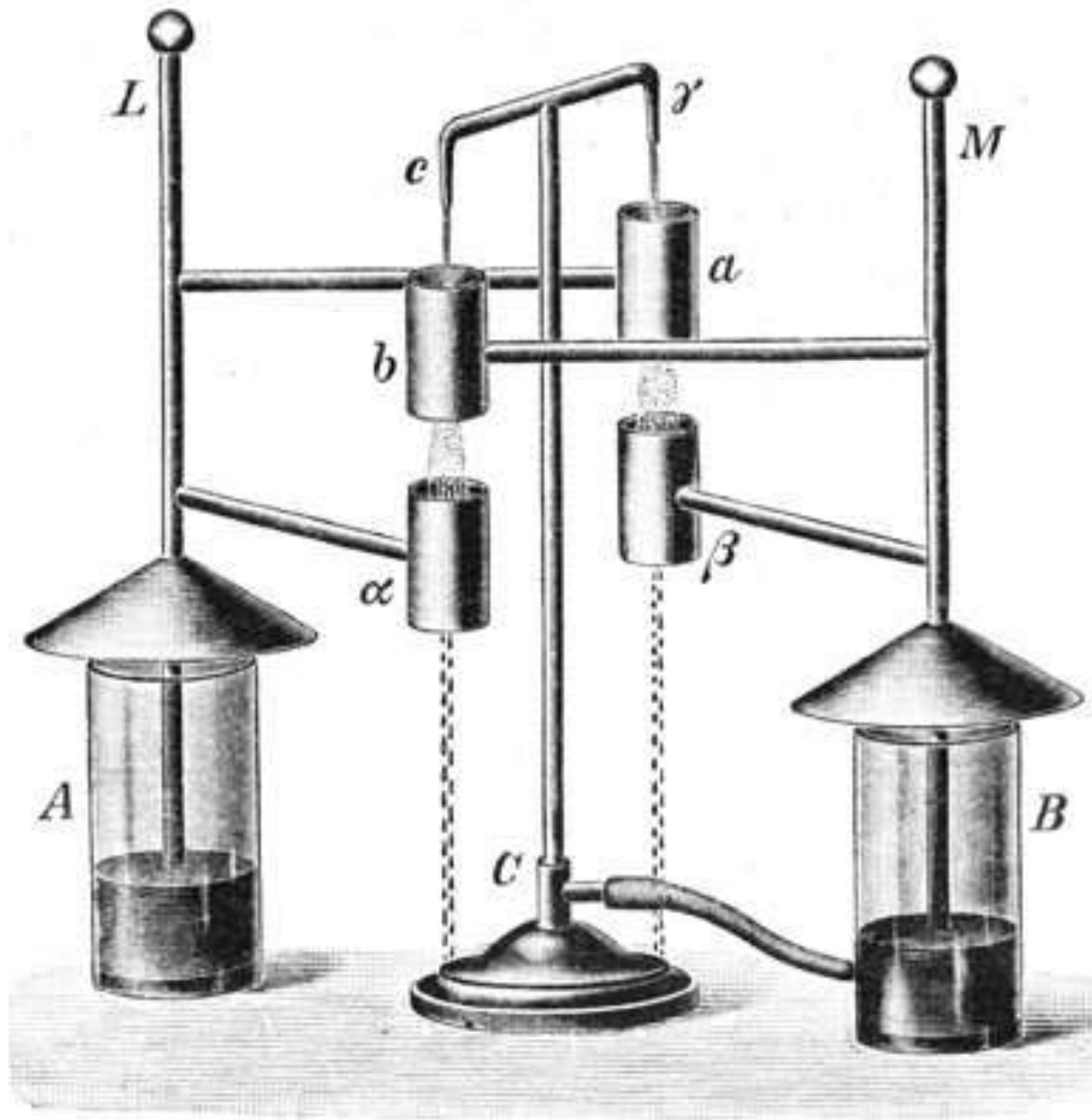








Water Machine



Aquatic Planting:  
Various expressions of waterplants



Deep pool



Submergent vegetation



Emergent vegetation



## SOUND

### SENSORY EXPERIENCE OF THE WATER MACHINE

#### WATER FALLS UNDER THE WAVEDECK

60 dB



70 dB



50 dB



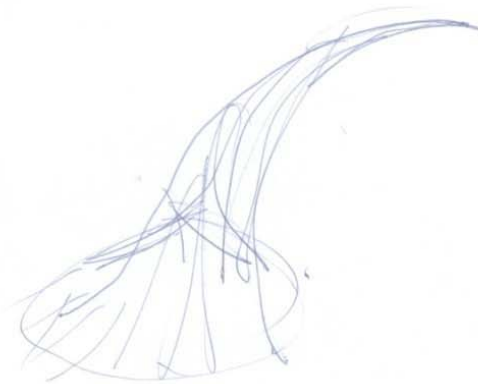
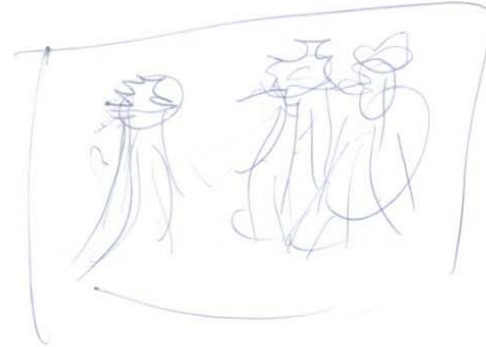
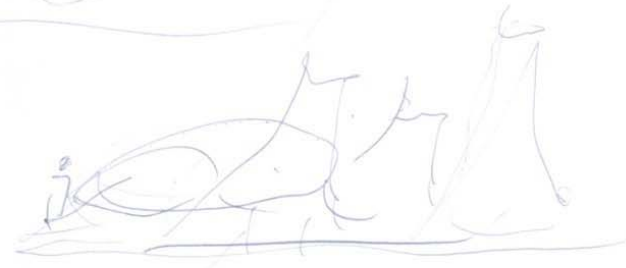
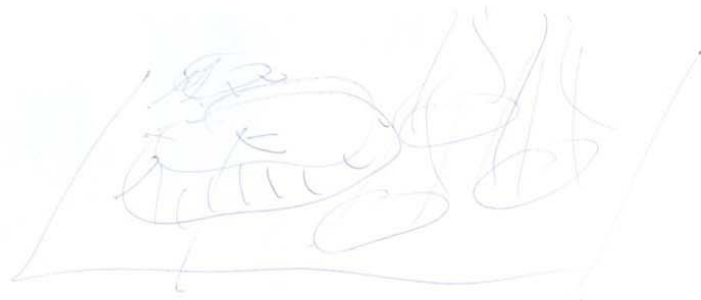
40 dB











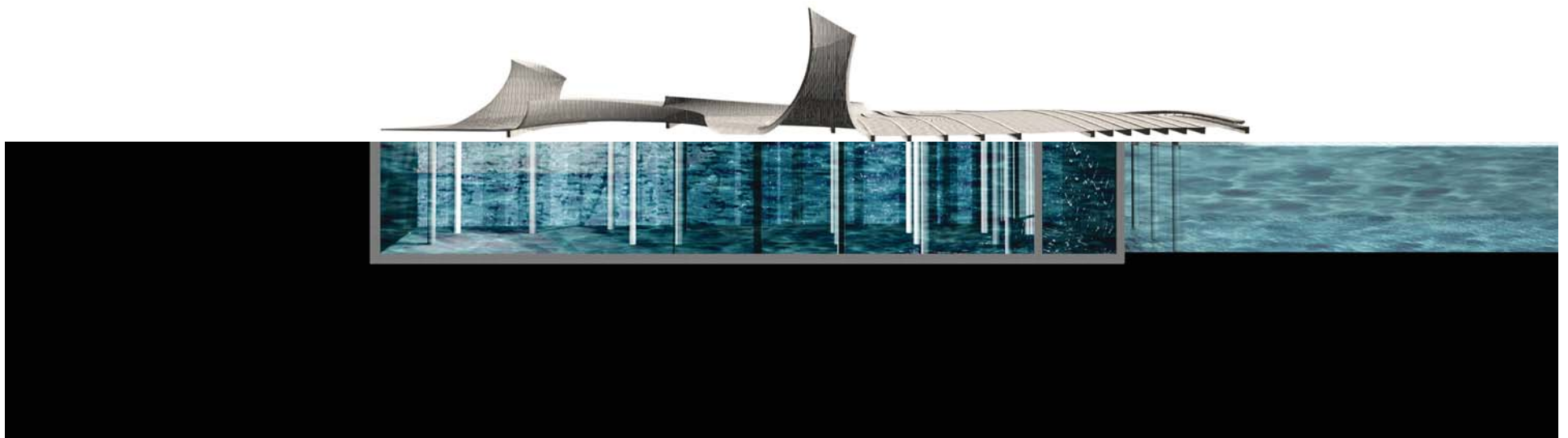


## PARLIAMENT STORMWATERTANK



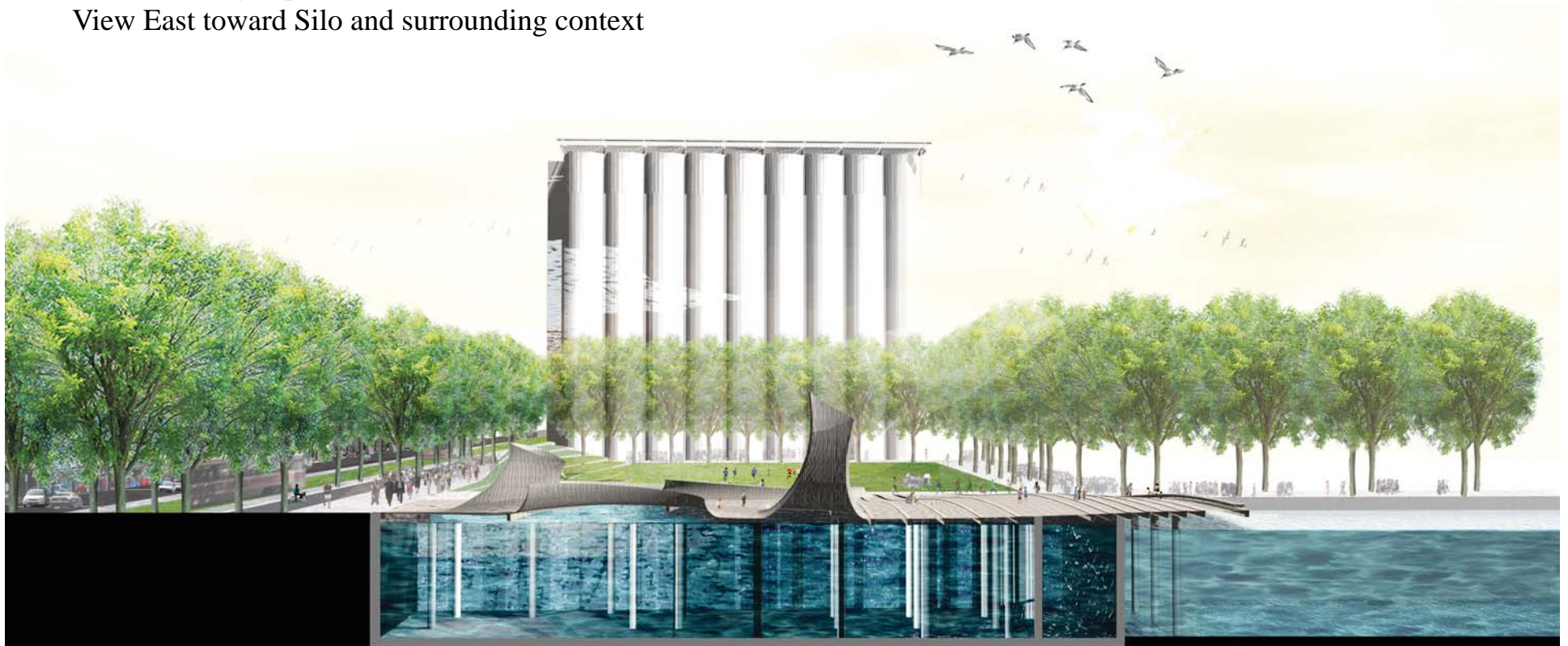
Celebrate the investment in stormwater  
An exotic public space...strangely familiar...

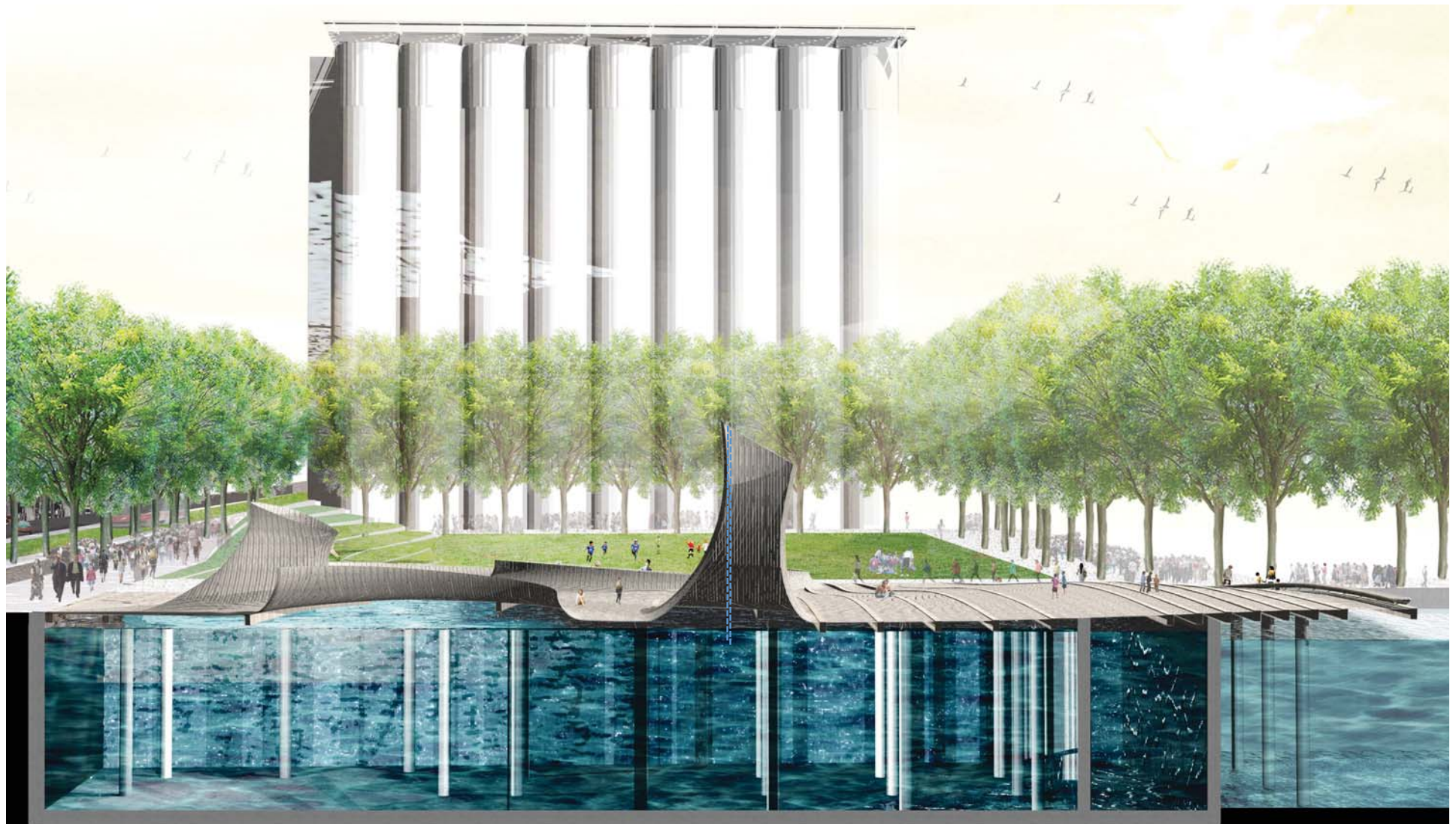
Timber deck on piles + Stormwater tank





Section through aperture and tower  
View East toward Silo and surrounding context





**Cut-out aperture**

Opening to allow natural UV exposure into tanks; Aquatic plants/ wetland within within aperture

**Tower Marker**

Water falls from quayside tanks into large parliament tank – enhances oxygenation process of water treatment and provides sensory effect

**Timber Square**

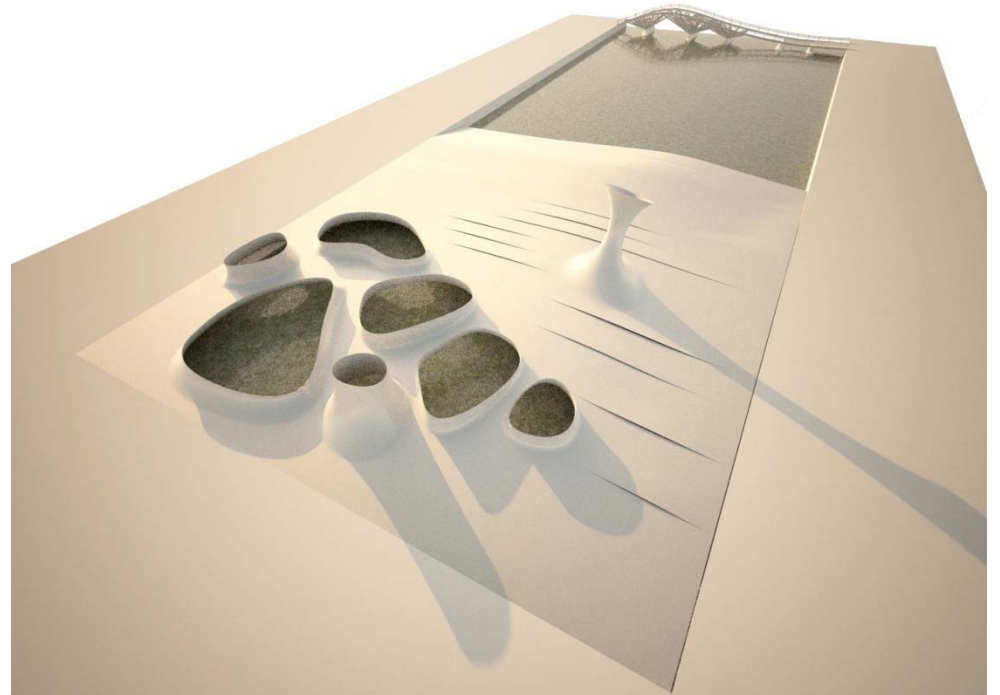
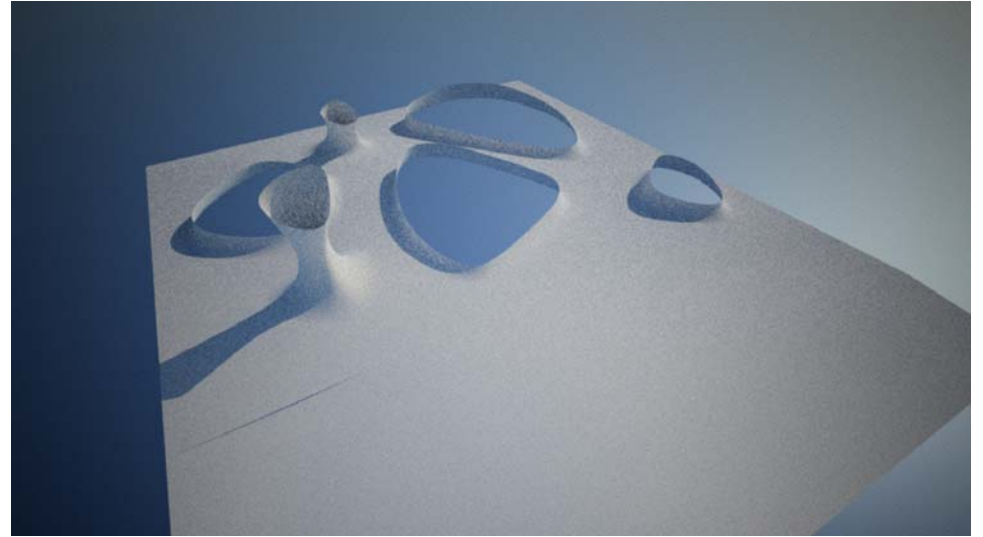
Flexible space, organic landscape forms function as a beach “lie on the curves”

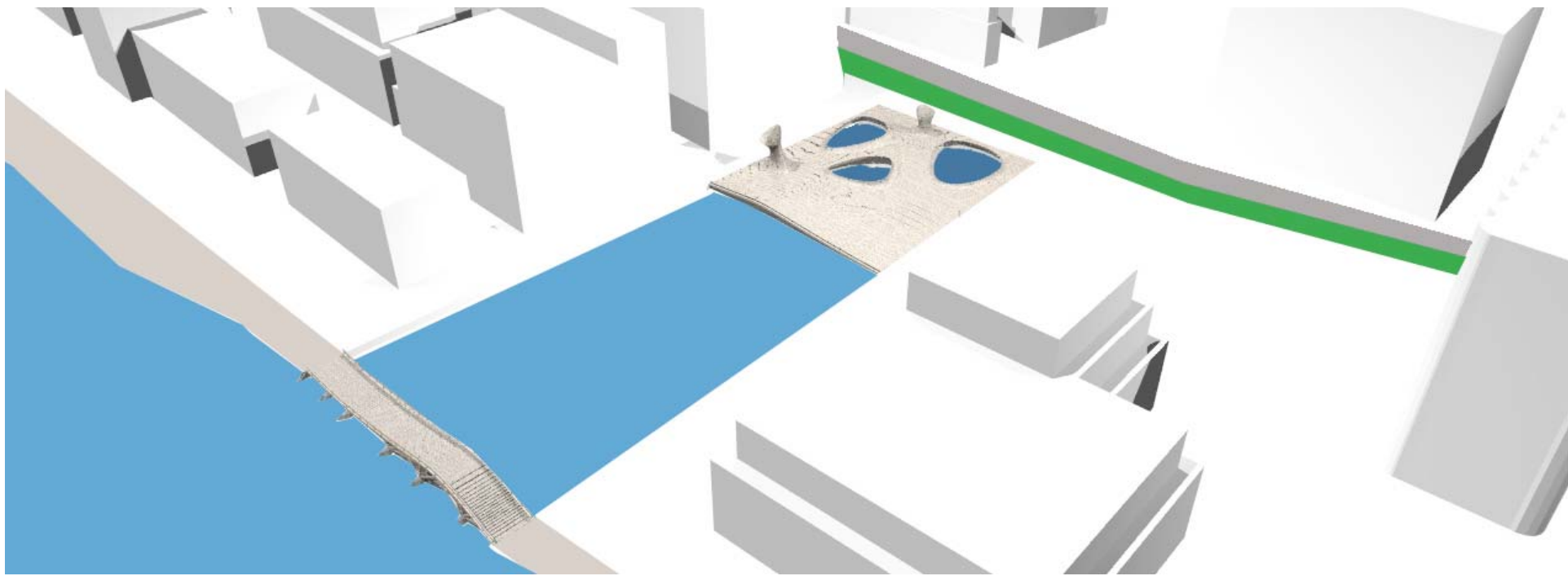
**High point of Wavedeck**

Crest of deck offers views to lake

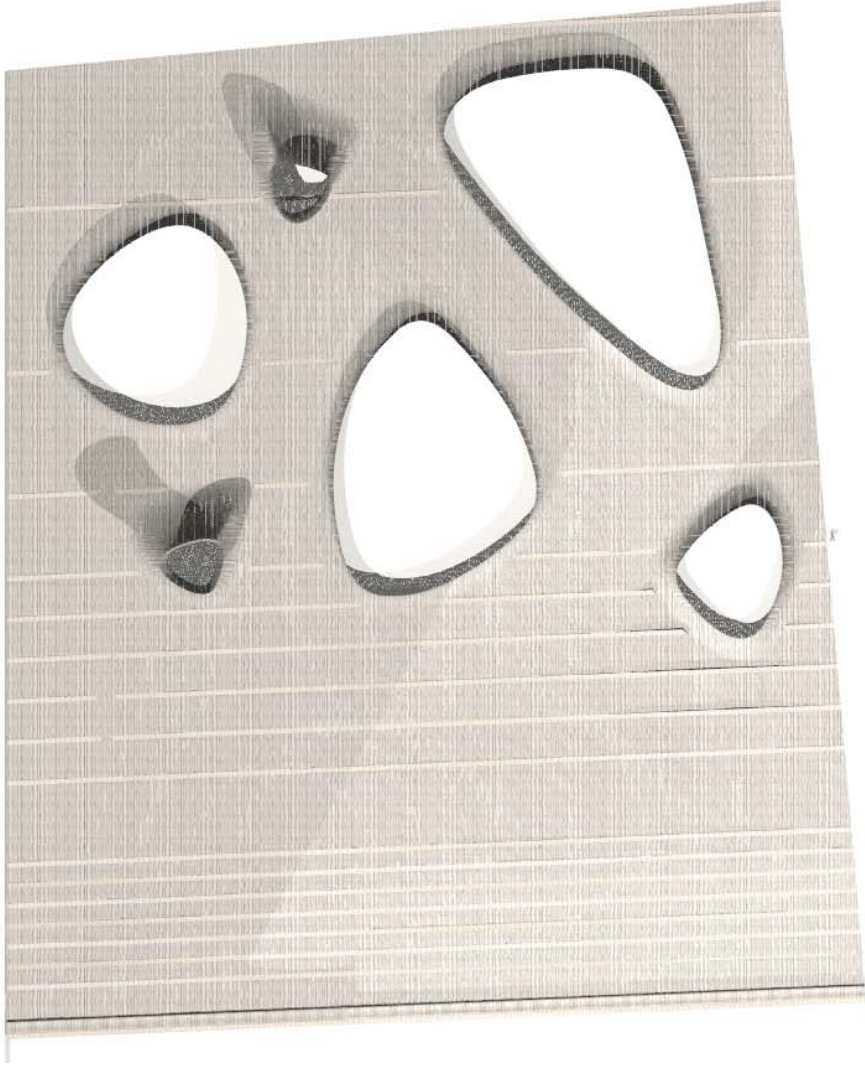


“ Sketches of an organic landscape”

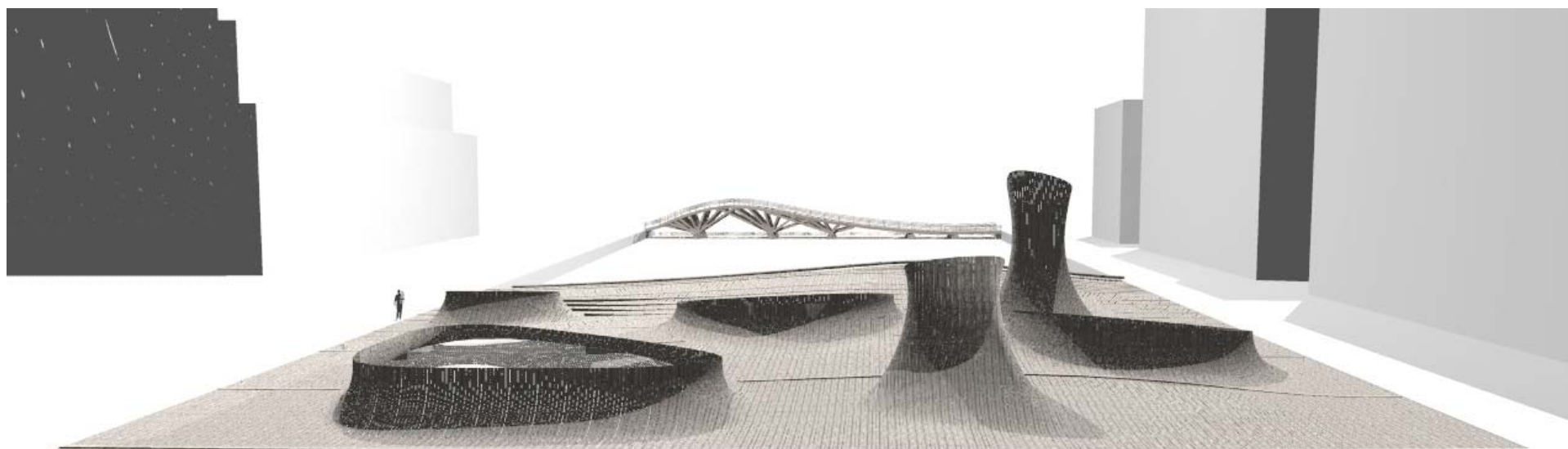






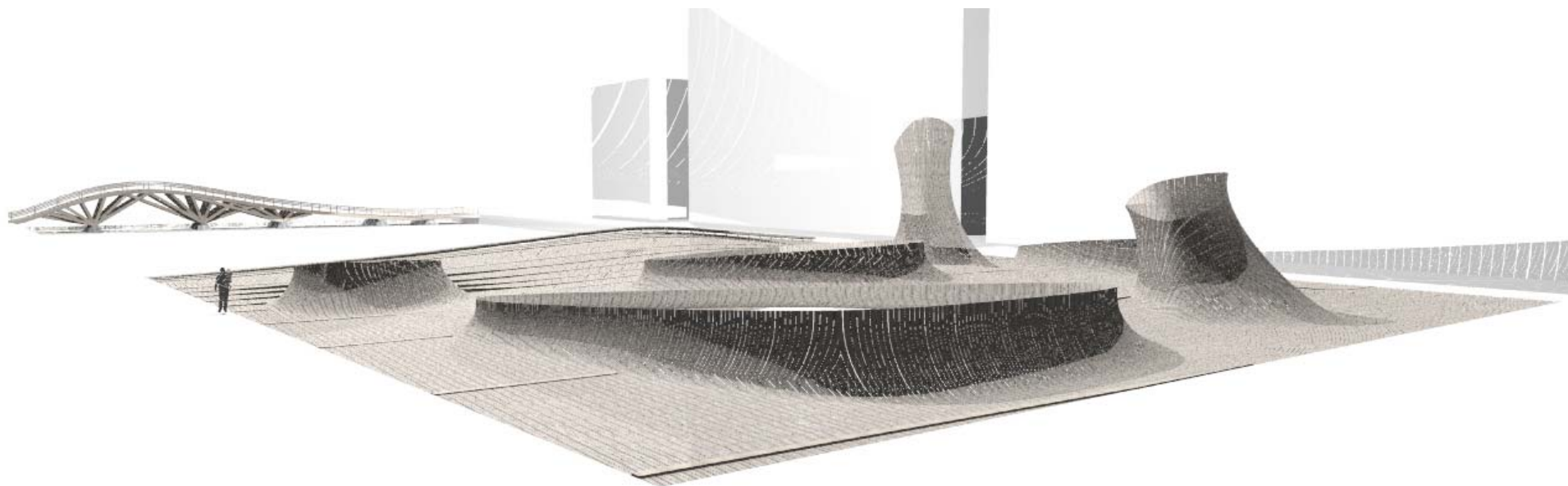


View South

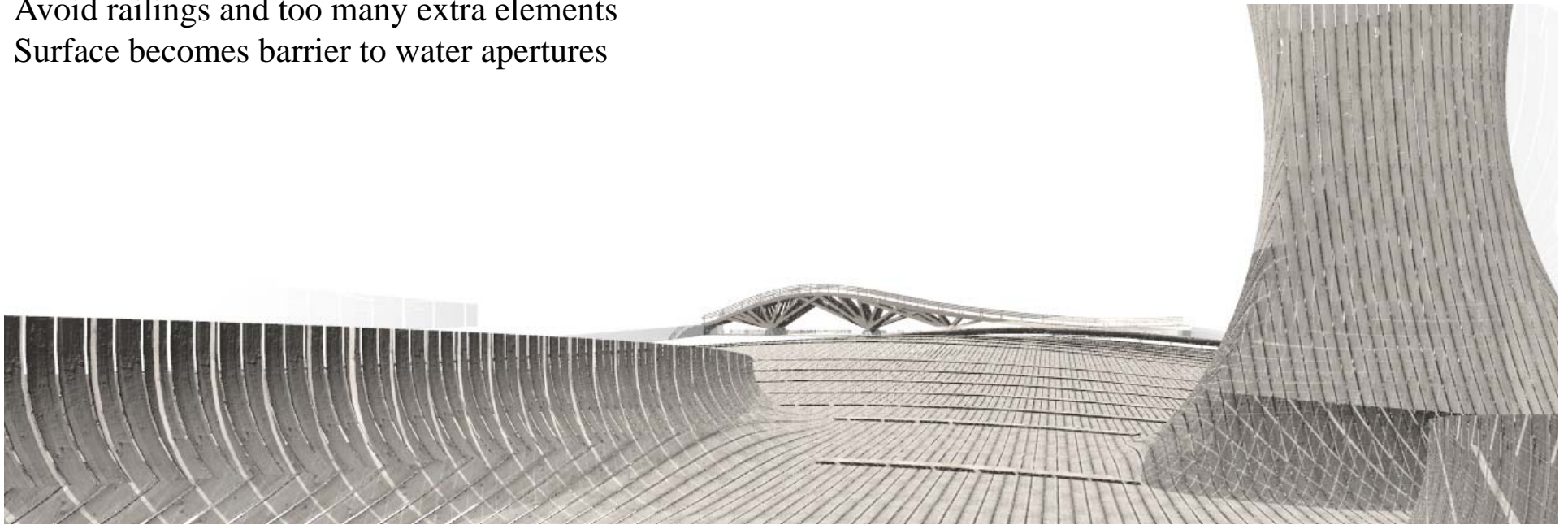




View South-West



Avoid railings and too many extra elements  
Surface becomes barrier to water apertures

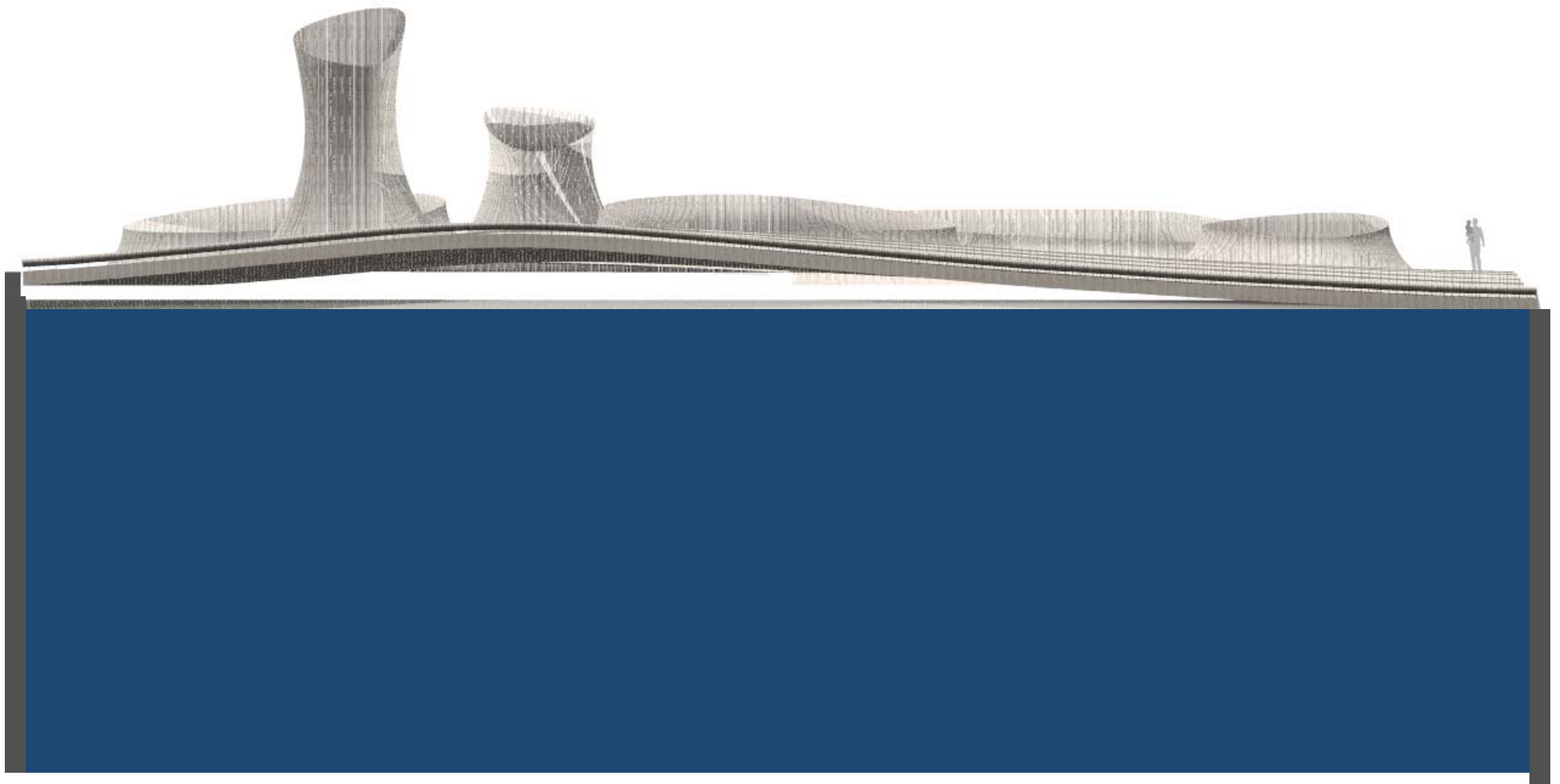




Timber landscape

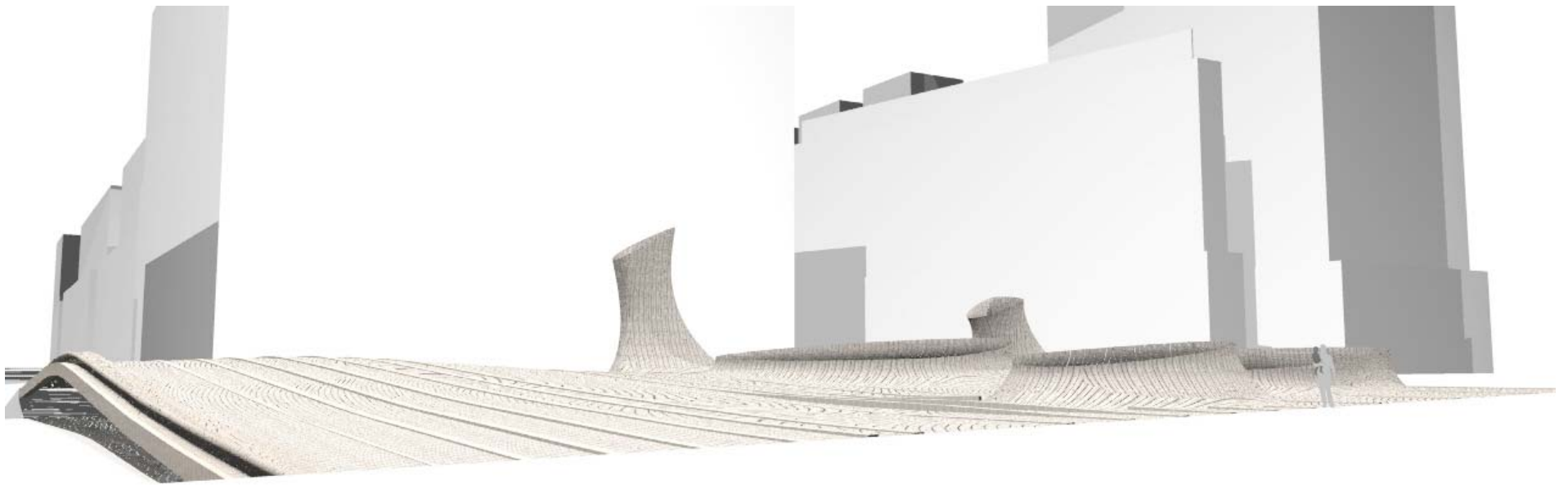


South Elevation  
View from Parliament Slip

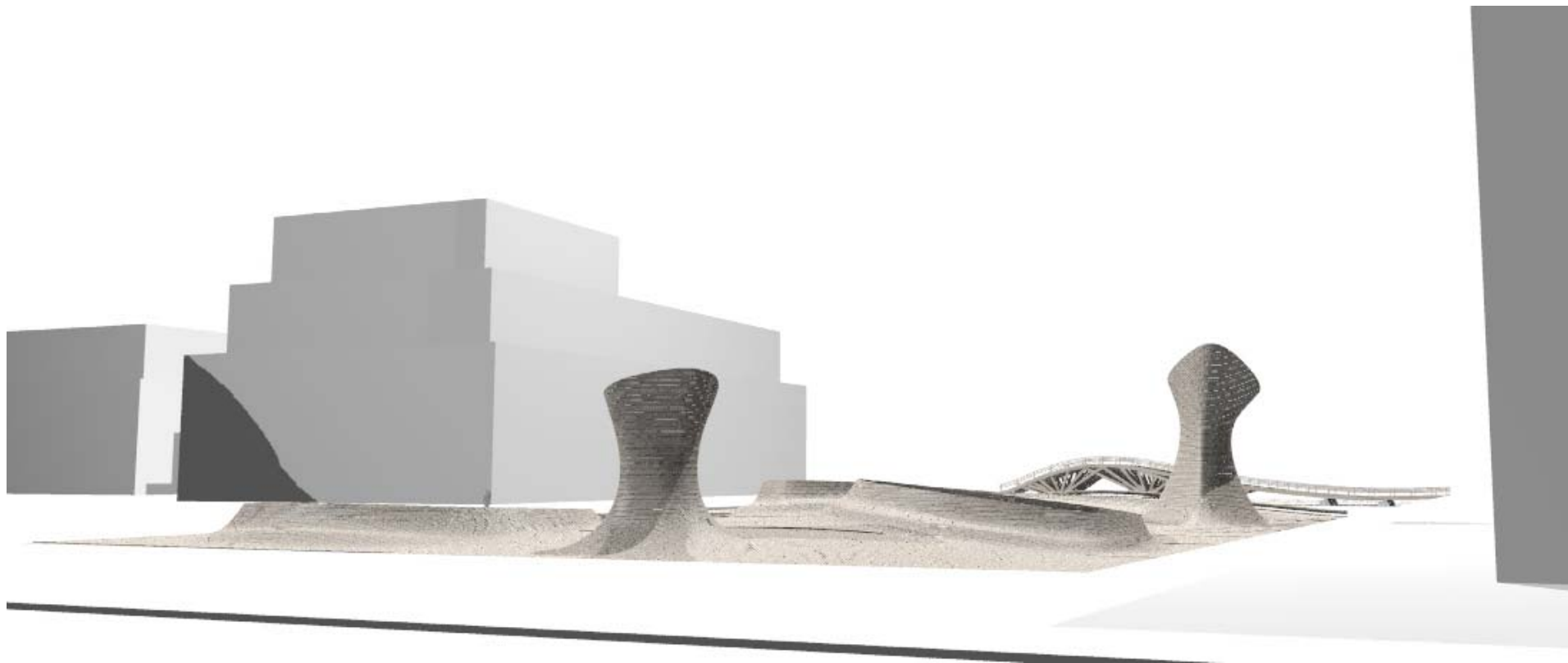




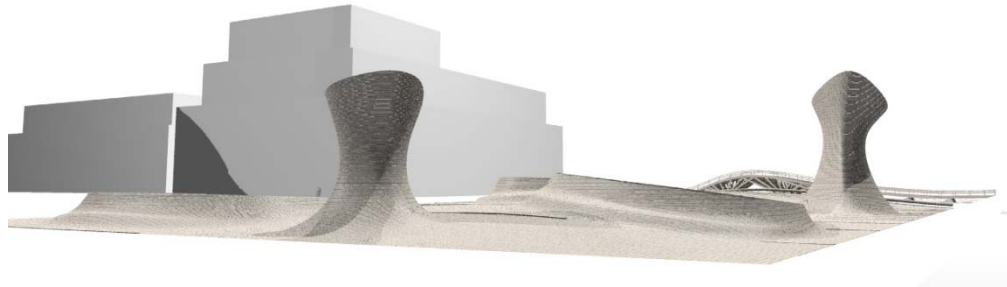
View North-West



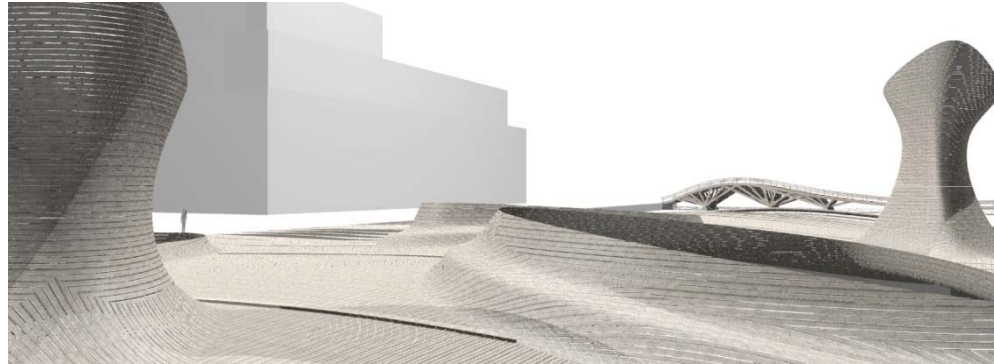
View South-East



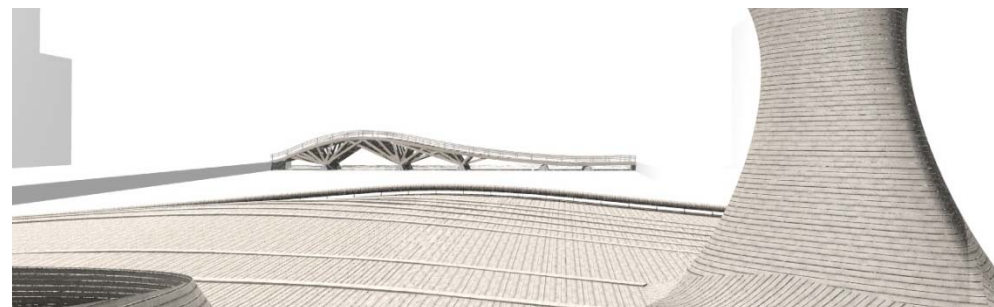
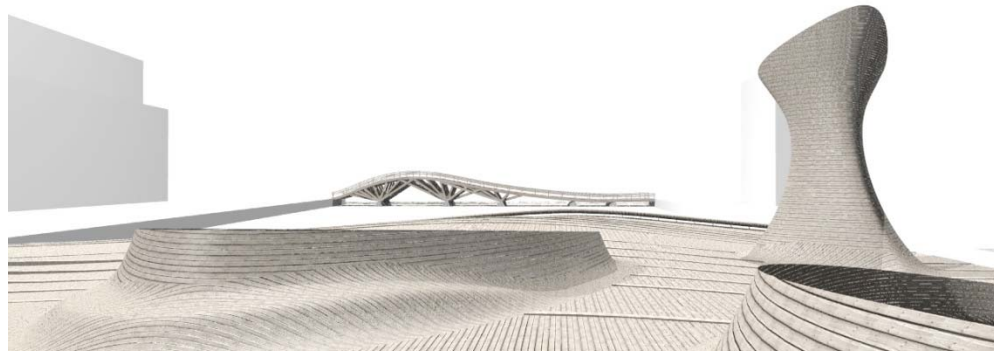


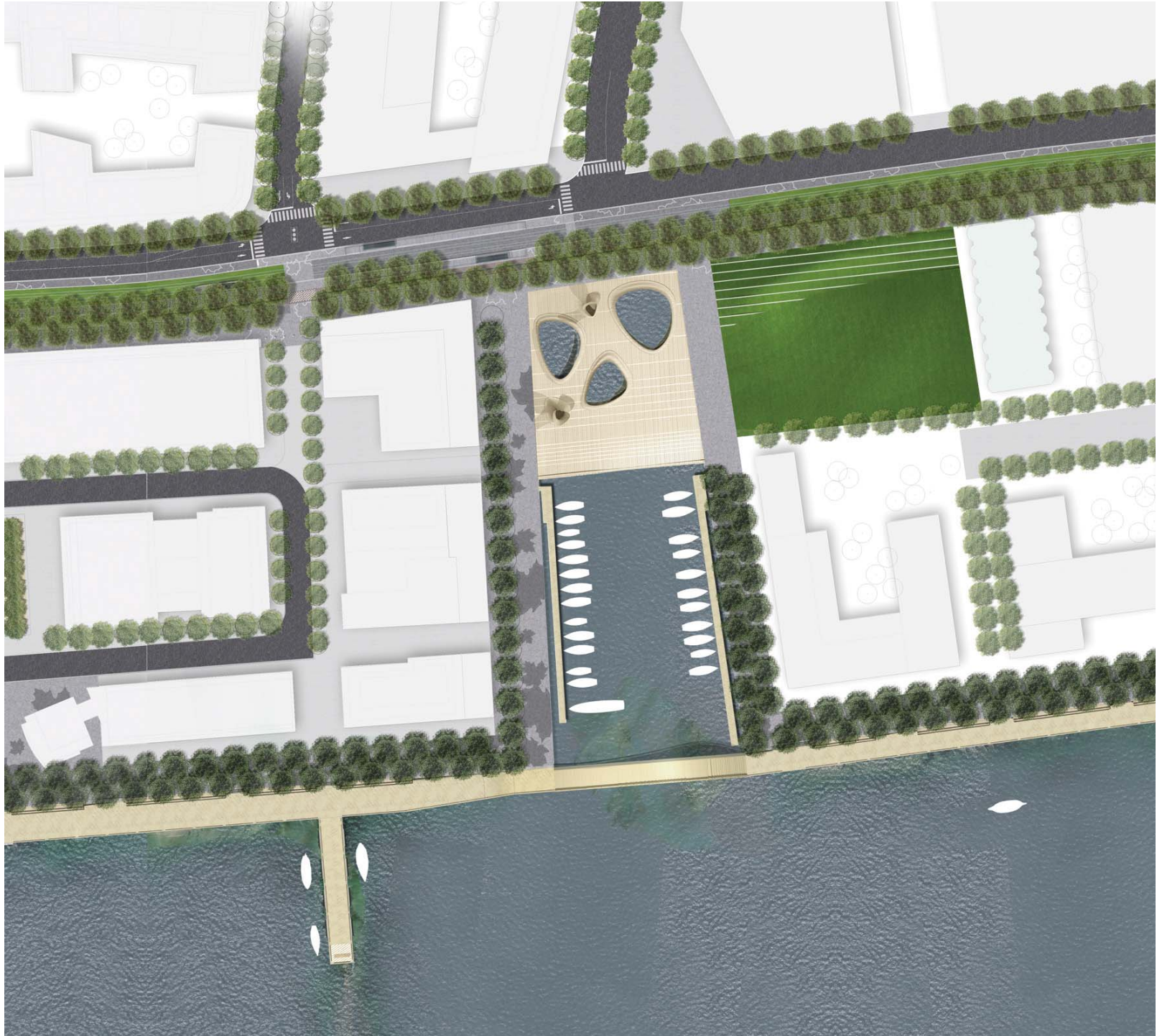


Ever-changing views as you move through the organic timber landscape



Framing new perspectives of the lake and contact with people and water







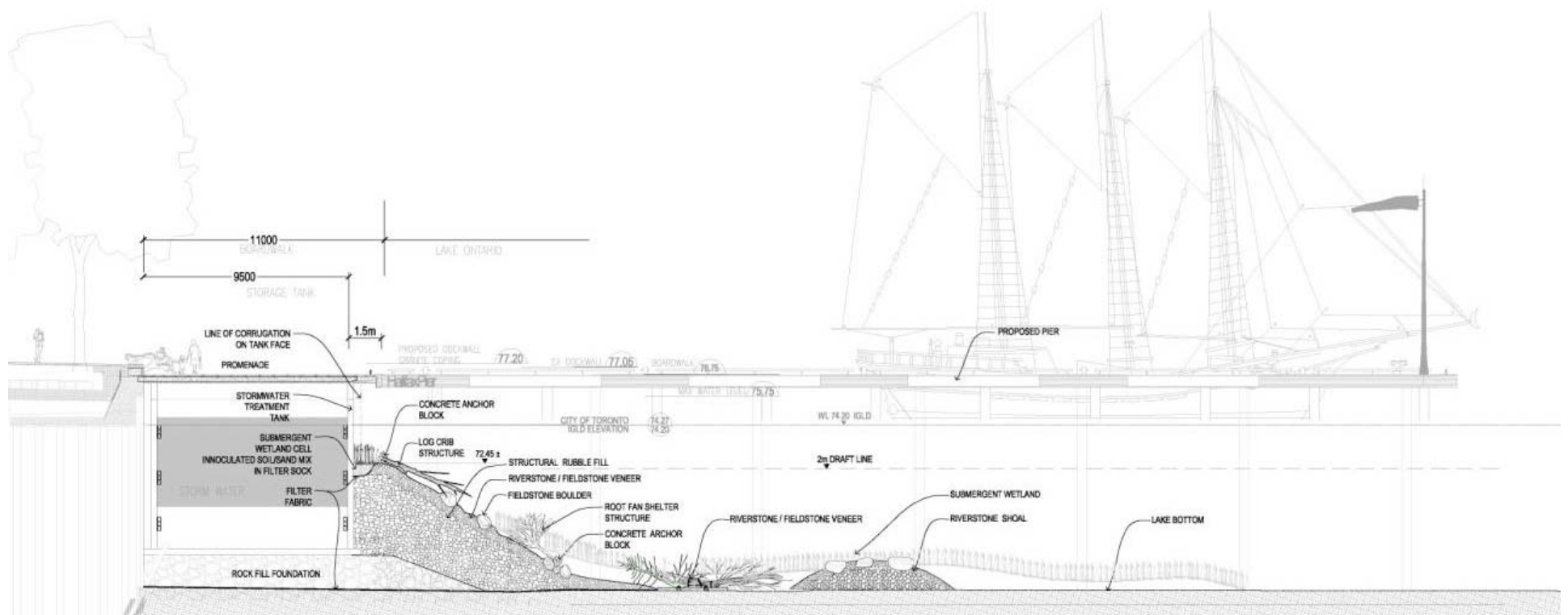
Artist Impression  
View looking West from East Dockwall edge







[illegible]









**A question of dimension**  
Survey and comparison of boardwalks

**5m**

York Quay Boardwalk (Existing)  
A 5m wide wooden boardwalk was constructed in 2005 using lpe; the next phases of boardwalk will build upon the existing constructions at York Quay.



**7.3m**

Sunnyside Boardwalk, Toronto (Historic c. 1920)  
A 7.3m wide wooden boardwalk constructed of White Pine formerly connected the Humber River to Exhibition Park. This image c. 1920 shows construction in progress near the Sunnyside Bathing Pavilion. The new boardwalk for the Central Waterfront reinterprets the simple, robust boardwalk construction and dimension for the 21st century.



**16m**

Atlantic City Boardwalk, New Jersey  
(above) The boardwalk at Atlantic City emphasizes the need for generosity of scale - it has become an iconic attraction in itself.



**24m**

Coney Island Boardwalk, New York  
At 1m wide and 5.63km long, the hardwood boardwalk at Coney Island originally built in 1923 is perhaps the quintessential timber boardwalk, establishing a generous scale in relation to the beachscape and ocean. A herringbone pattern provides special texture and a memorable quality.





**6m**  
Music Garden  
Promenade



**2m + 6m**  
Western Boardwalk



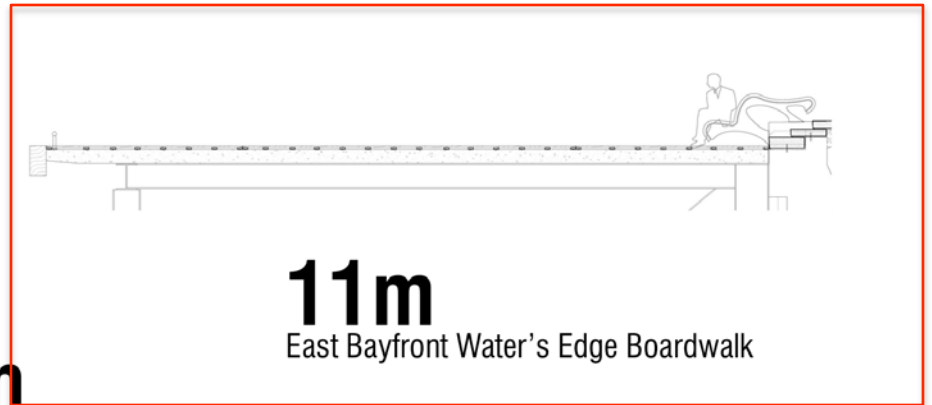
**6.8m + 5m**  
Police Basin Promenade  
+ Boardwalk



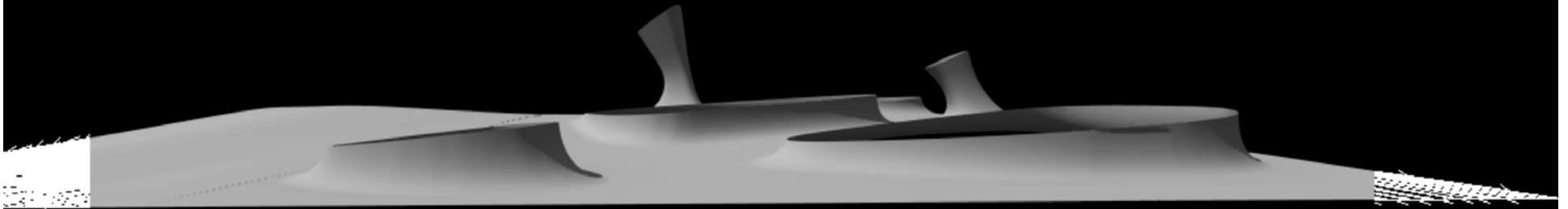
**12m + 5m**  
Harbourfront York Quay Promenade  
+ Boardwalk



**5.2m**  
Harbour Square Boardwalk

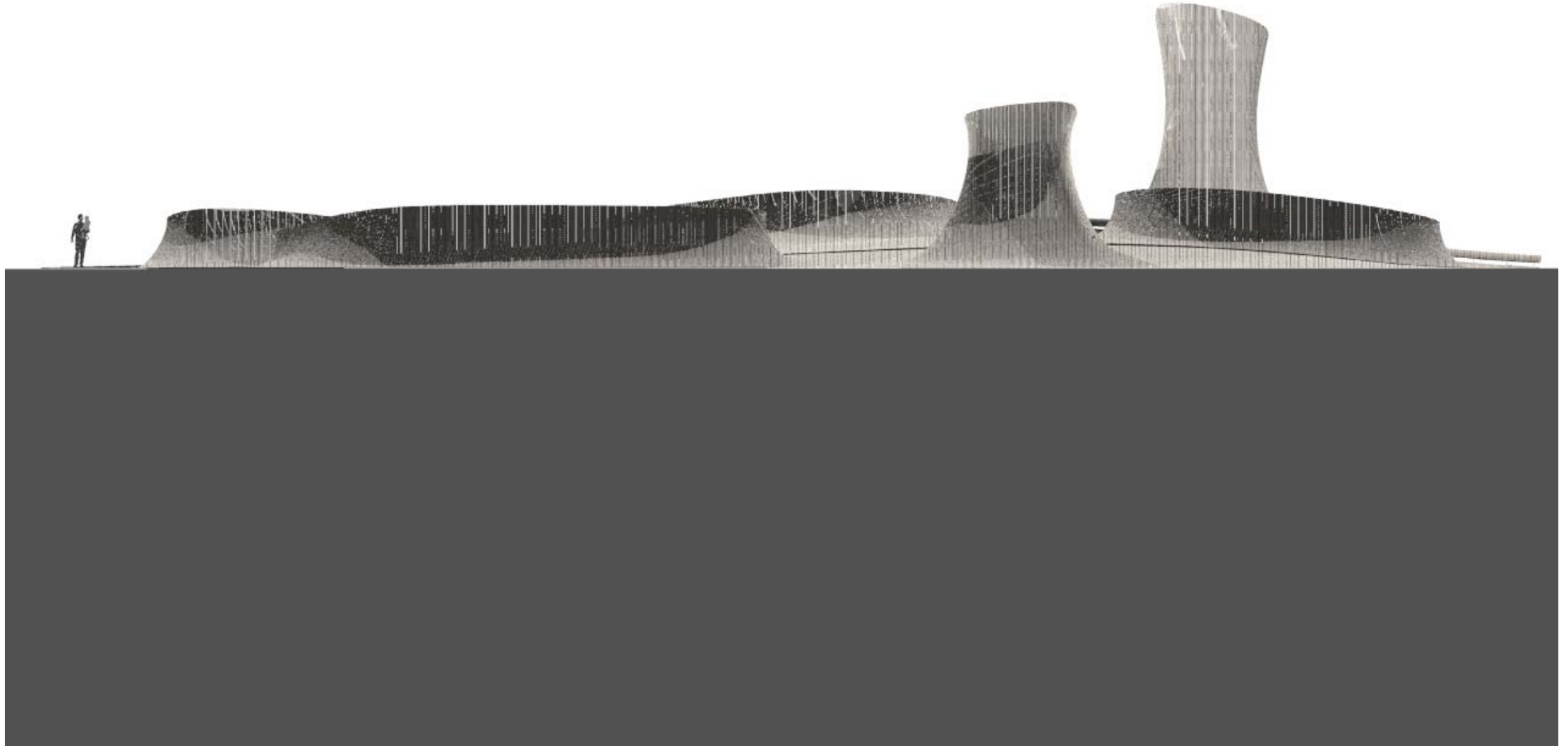


Maximize solar orientation – natural UV  
cleaning of water





North Elevation  
View from Queens Quay



West Elevation  
View from Dockwall

