What does it really look like?


MINE No.8
Ghost Town Rail Trail
to Ellen Formation
South Branch Bicycles Creek
MAIN STREET
to Mine No.3
Bony Hill
Bicycle Creek
1
2
3
4
5
6


Which way is the wind blowing?

How fast is the current

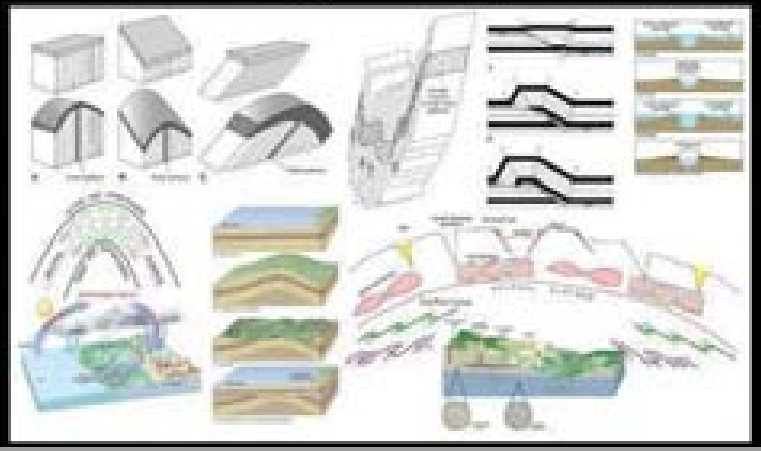
What weather is coming in?

A dry stream diagram

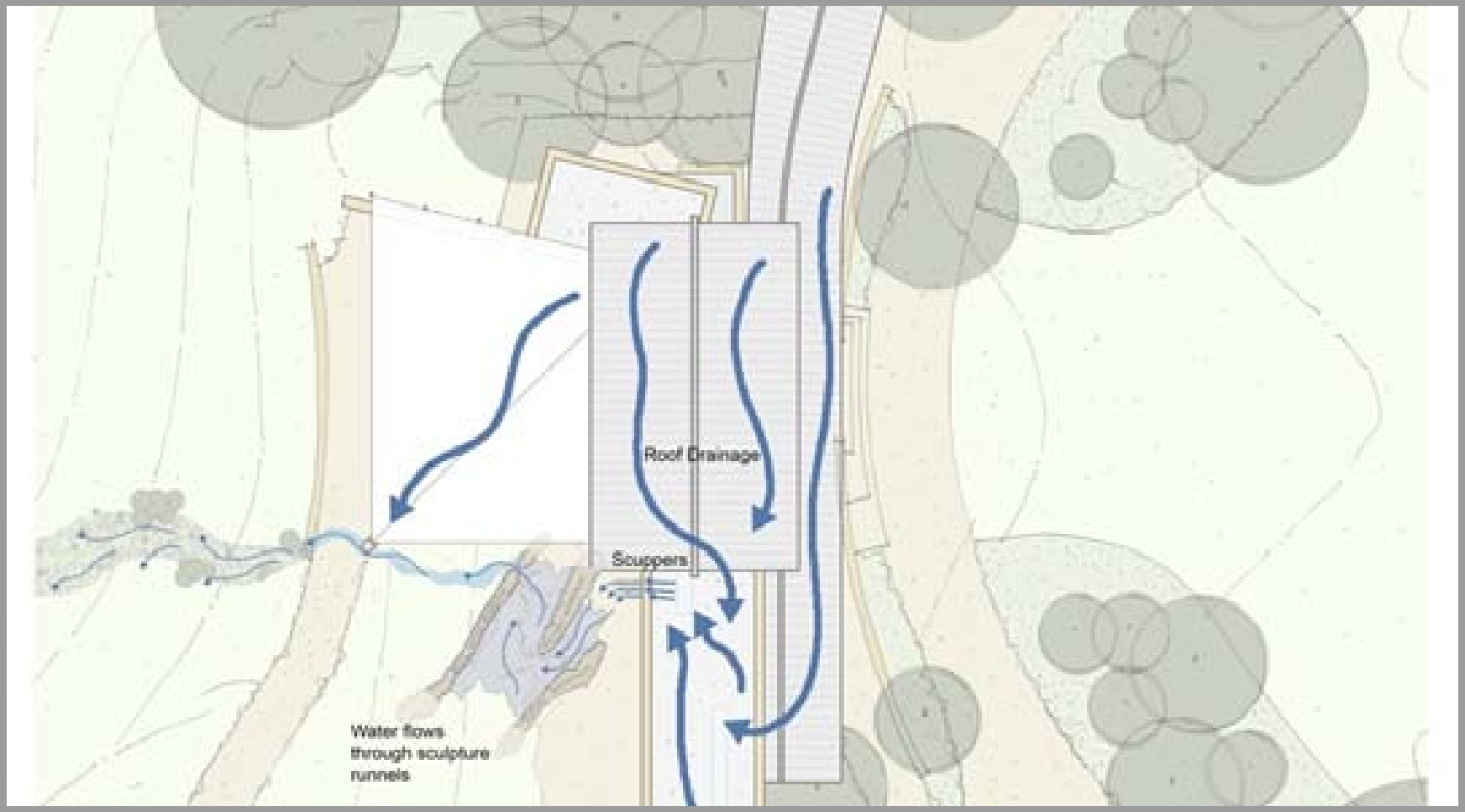

Visual metaphors to explain how the
the natural world works

What you see

What a geologist sees




PENNS


Roof Drainage
Scuppers
Water flows
through sculpture
runnels

When it rains

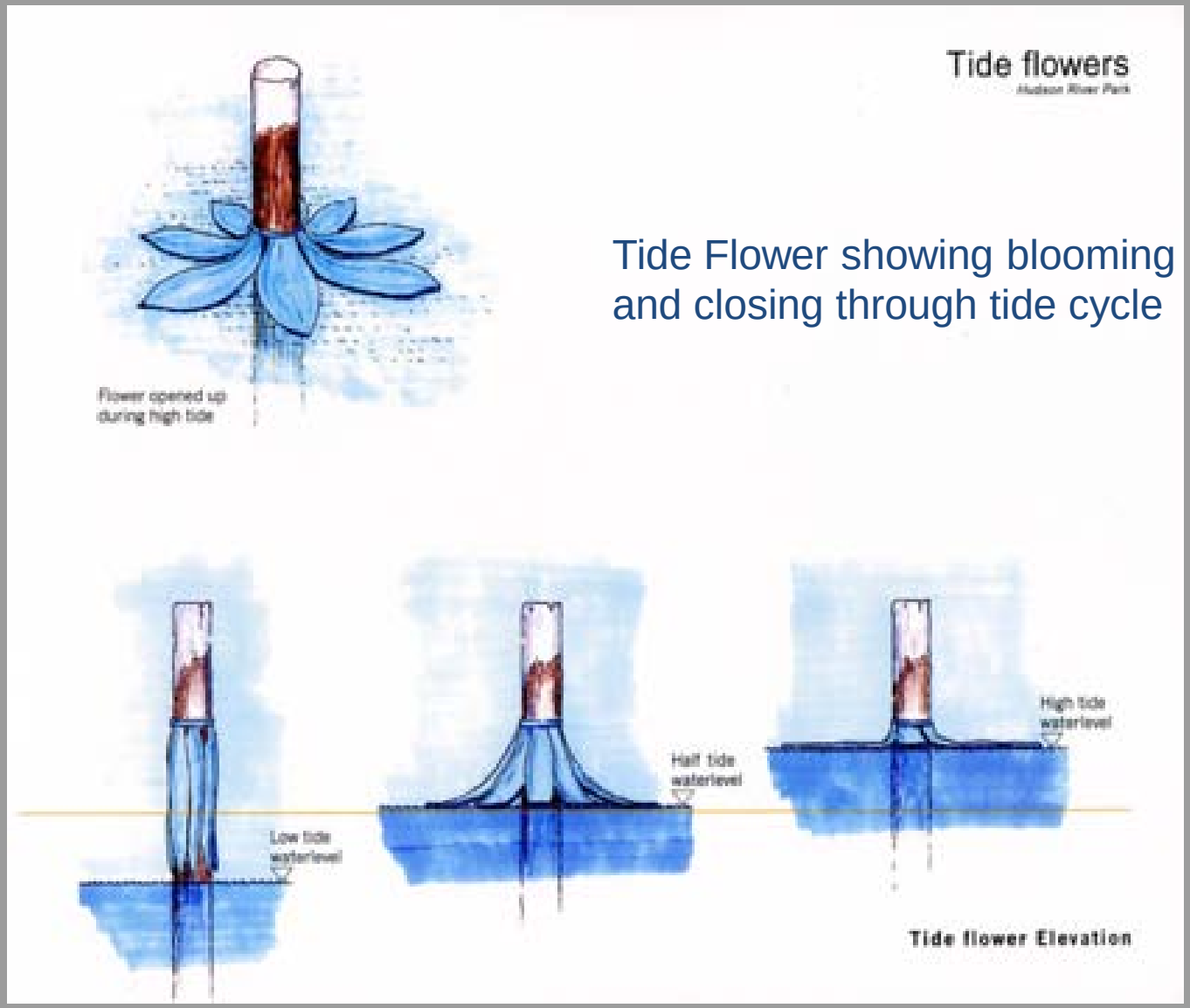
A place to play and investigate

Changing in different weathers and times of day

Surveying and grading the site to convey water

Local waterways/ overall watershed


PENNS



Tide Flower showing blooming and closing through tide cycle

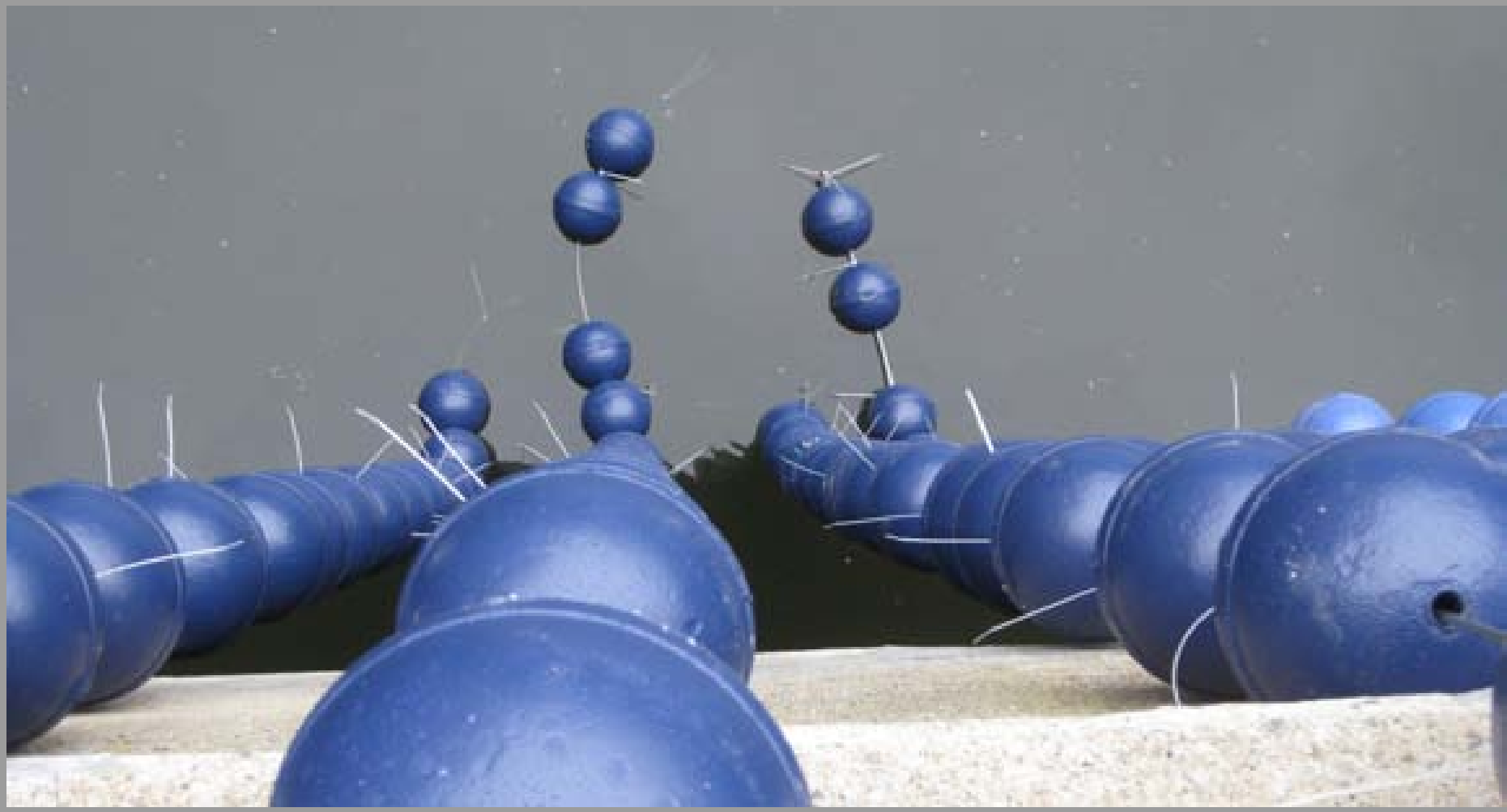
Riding the tide— High

The flower closes at low tide


At low tide

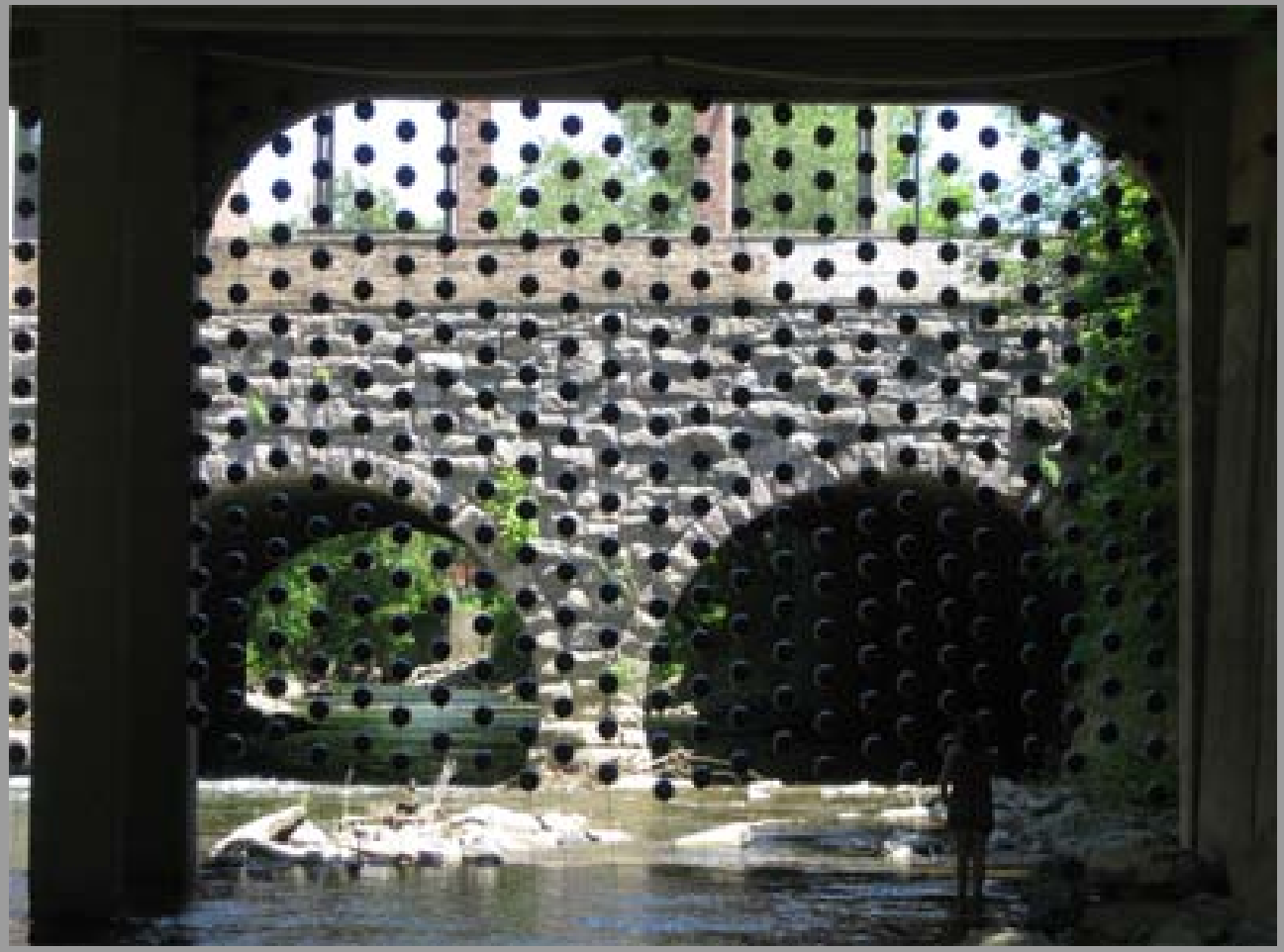
High high tide

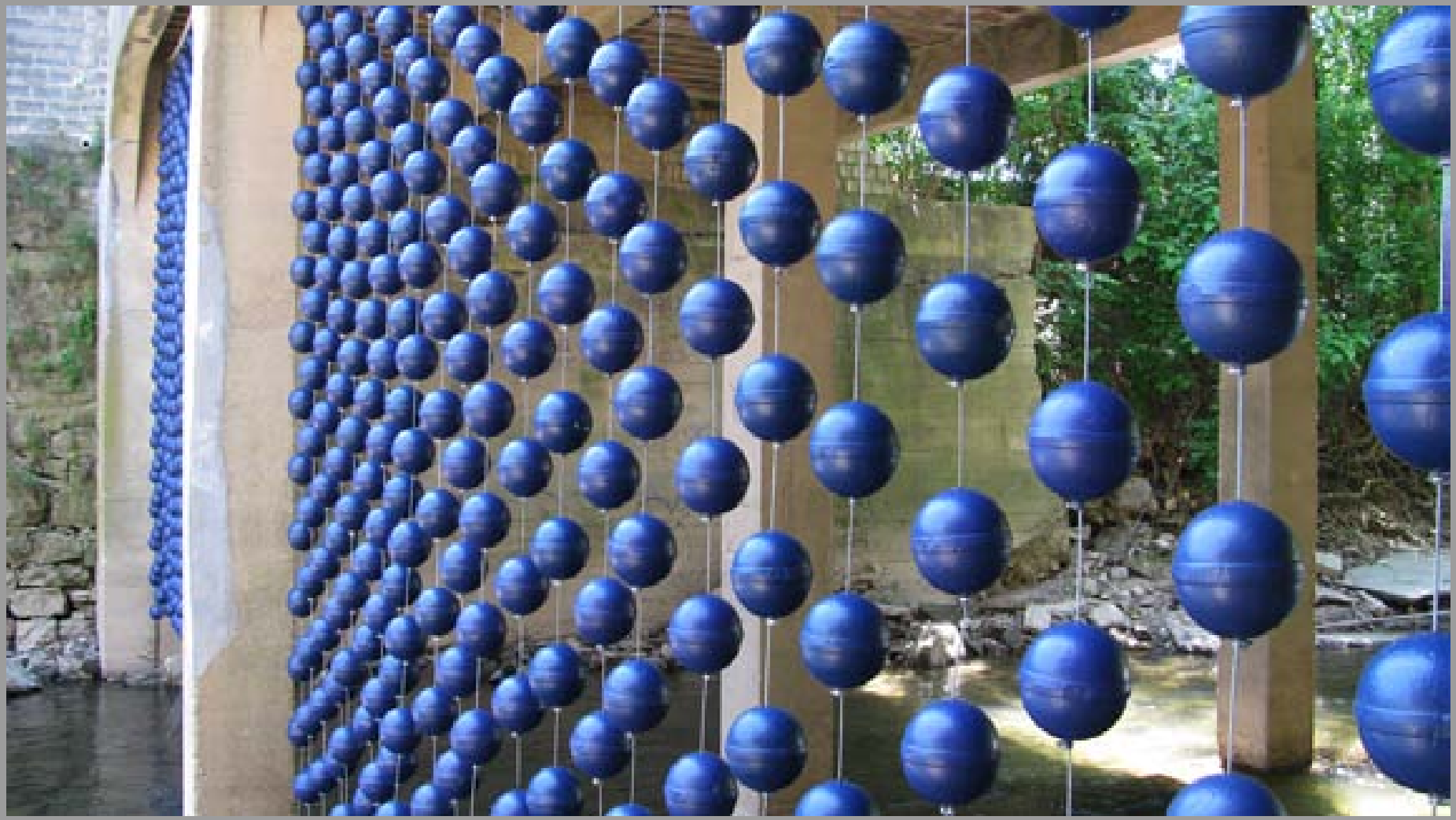
Investigating the vertical flow change



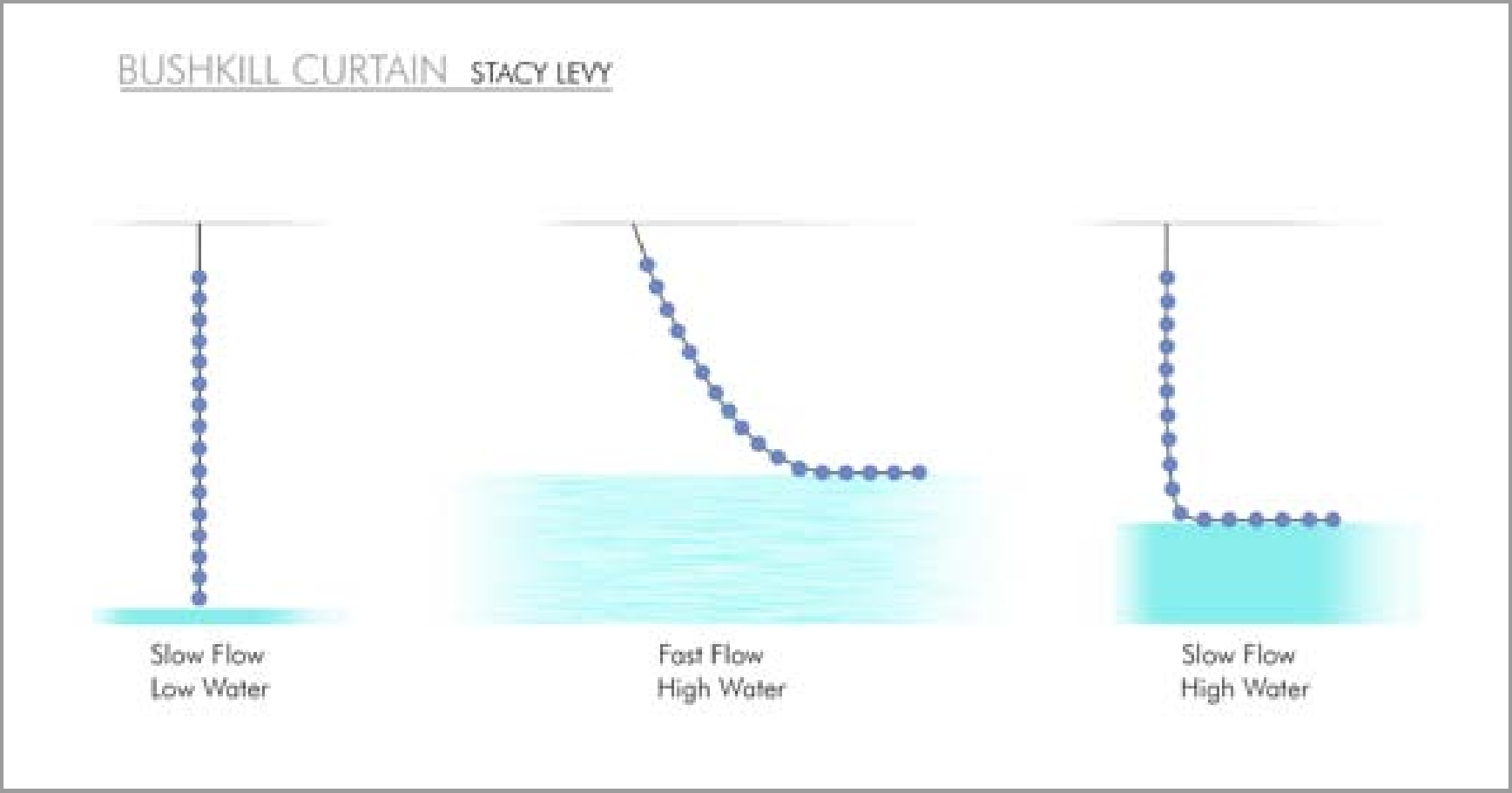
The building without stream flow register

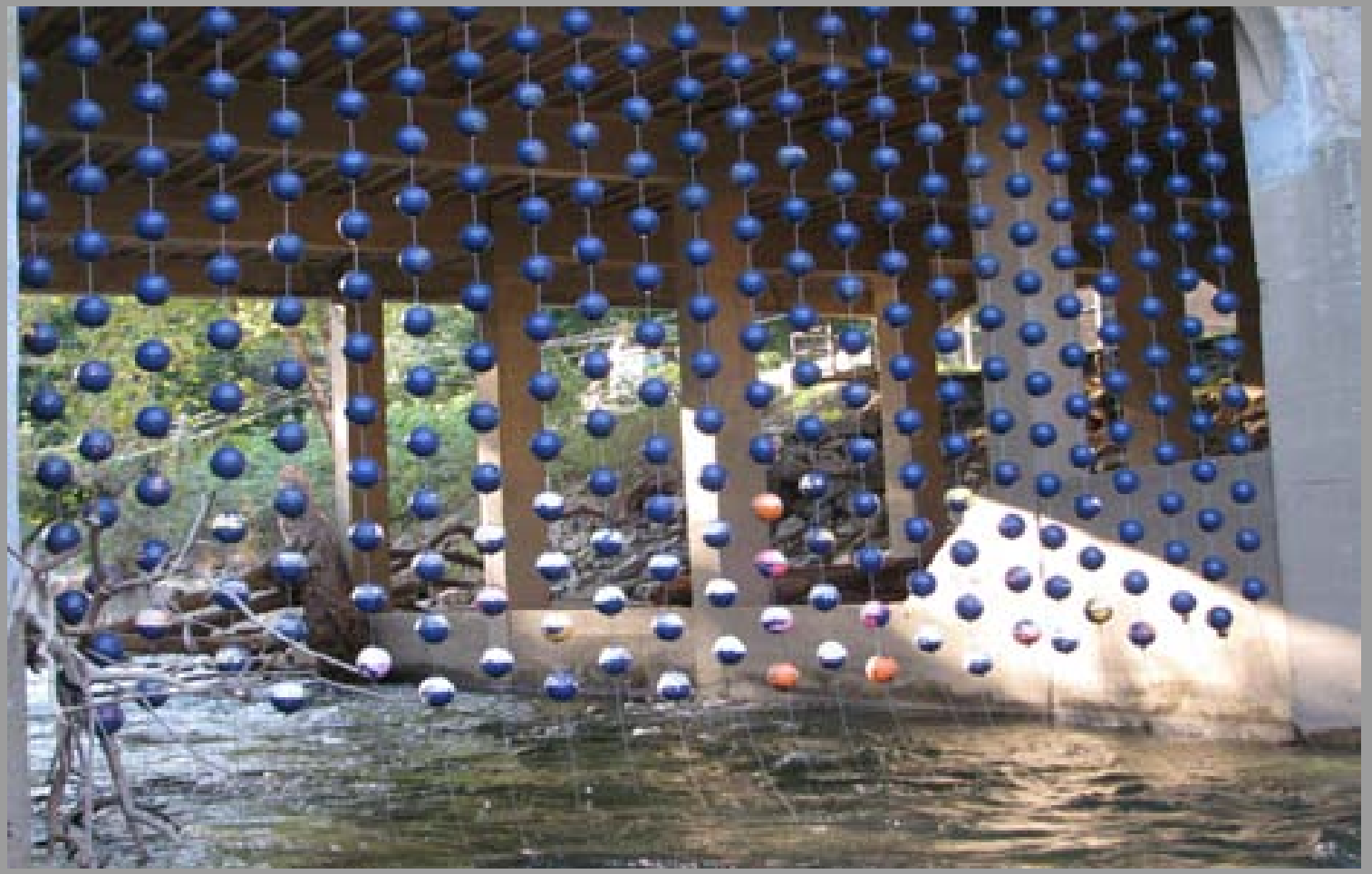
Seeing underneath and through the architecture of the site

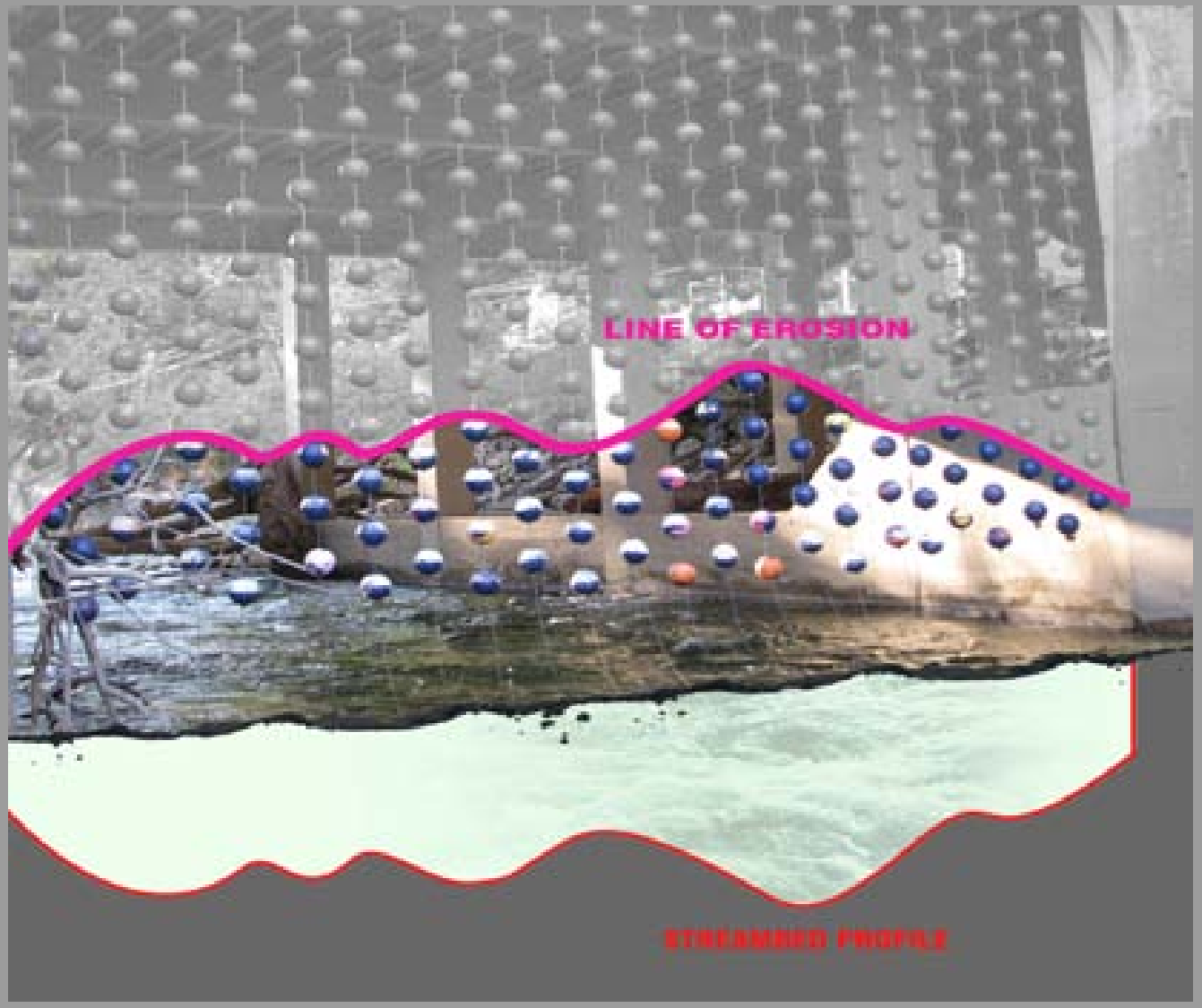




Registering the different flows



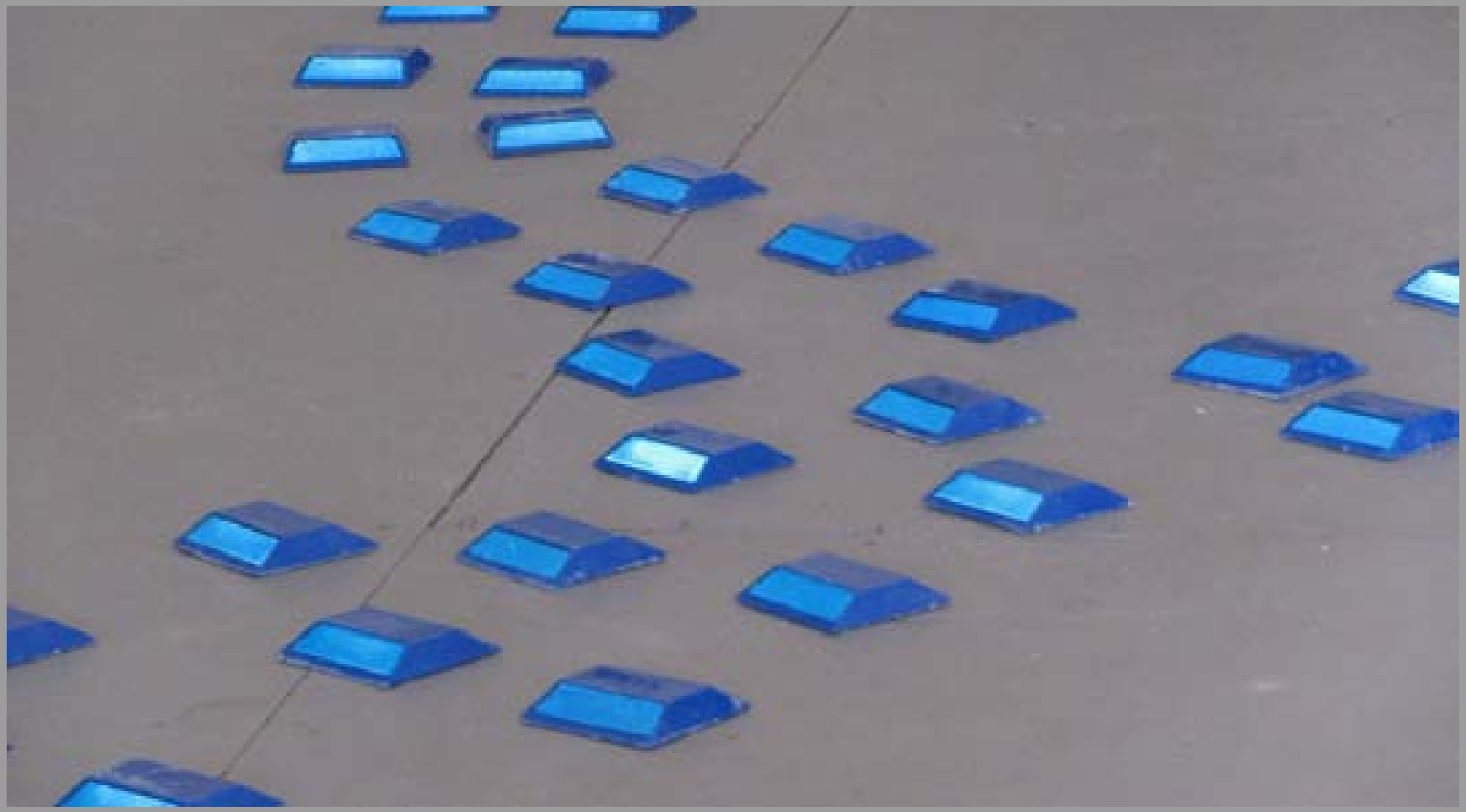



LINE OF EROSION
STREAMBED PROFILE

Post flood

Creek Flow: low and high

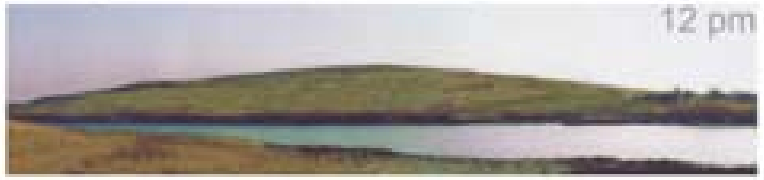
A night presence



The stream seen though color at night

Driving over the presence of water

ENGINEERED TO DRAIN



STACY LEVY

Collaboration across disciplines

Pier 53 Base Plan
Woodlands
Meadow
Rubble Meadow
Floating Wetland
Invasive Species Management
Existing Concrete
Asphalt
Interpretive Sign
Solar Path Lighting
1. Rain Garden
2. Dendritic Decay Gardens
3. Riverfront Trail
4. Riverfront fence/railing
5. Bike Rack
6. Air Quality Monitoring Station

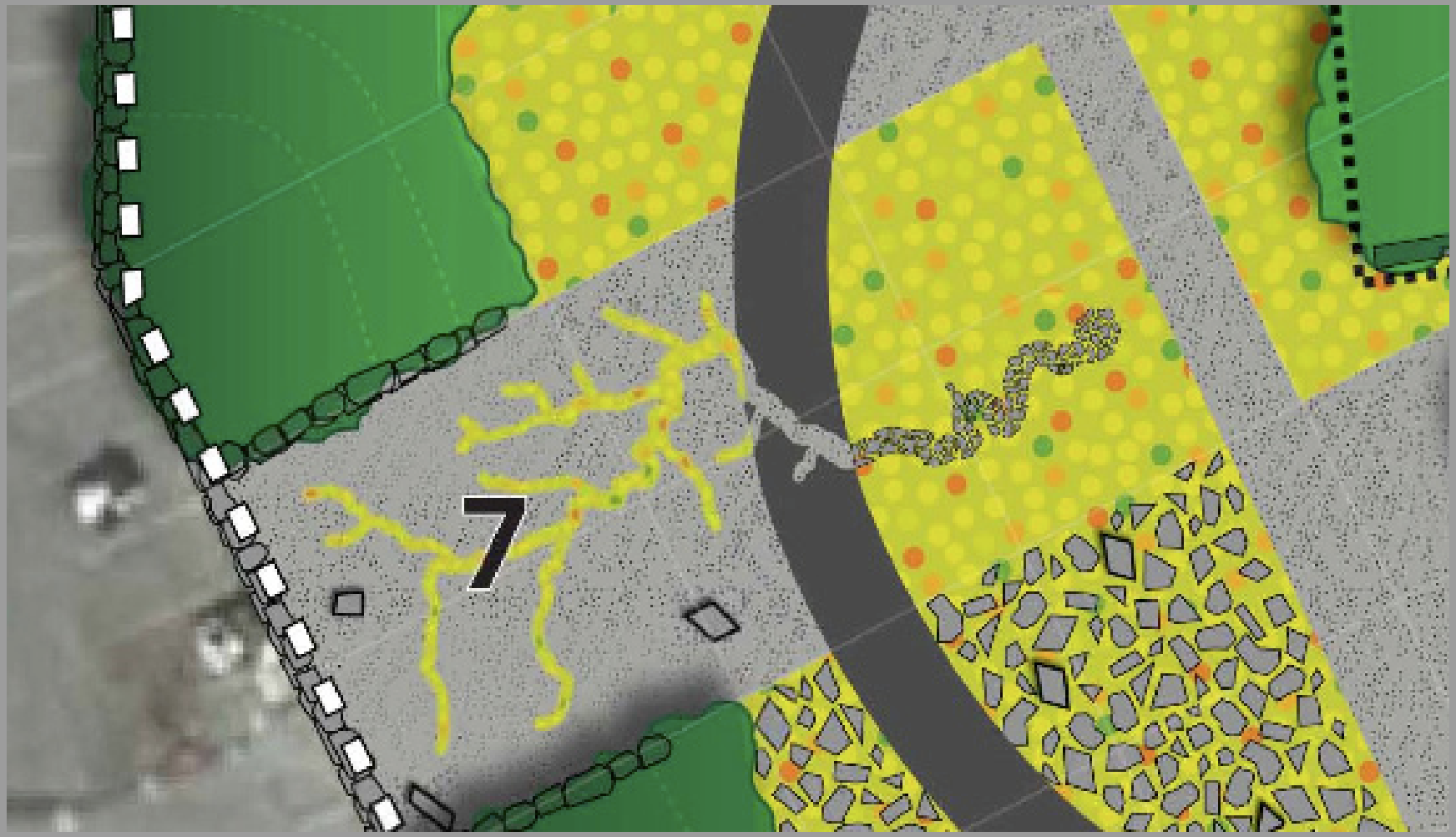
Overtime, nature reclaims the hardscape

Using the power of plant roots

Incorporating historic nature

Using the watershed pattern

Community day to introduce park


7

Patterns for different diameter core drills

After the third growing season

Before the park goes in

Unlike architecture, landscape improves in time: Second growing season

Third growing season: sleep/ creep/ leap

After the park is created

Before: the science and art building

Celebrating the infrastructure

planting

K thru 12: Every grade comes out to plant the garden

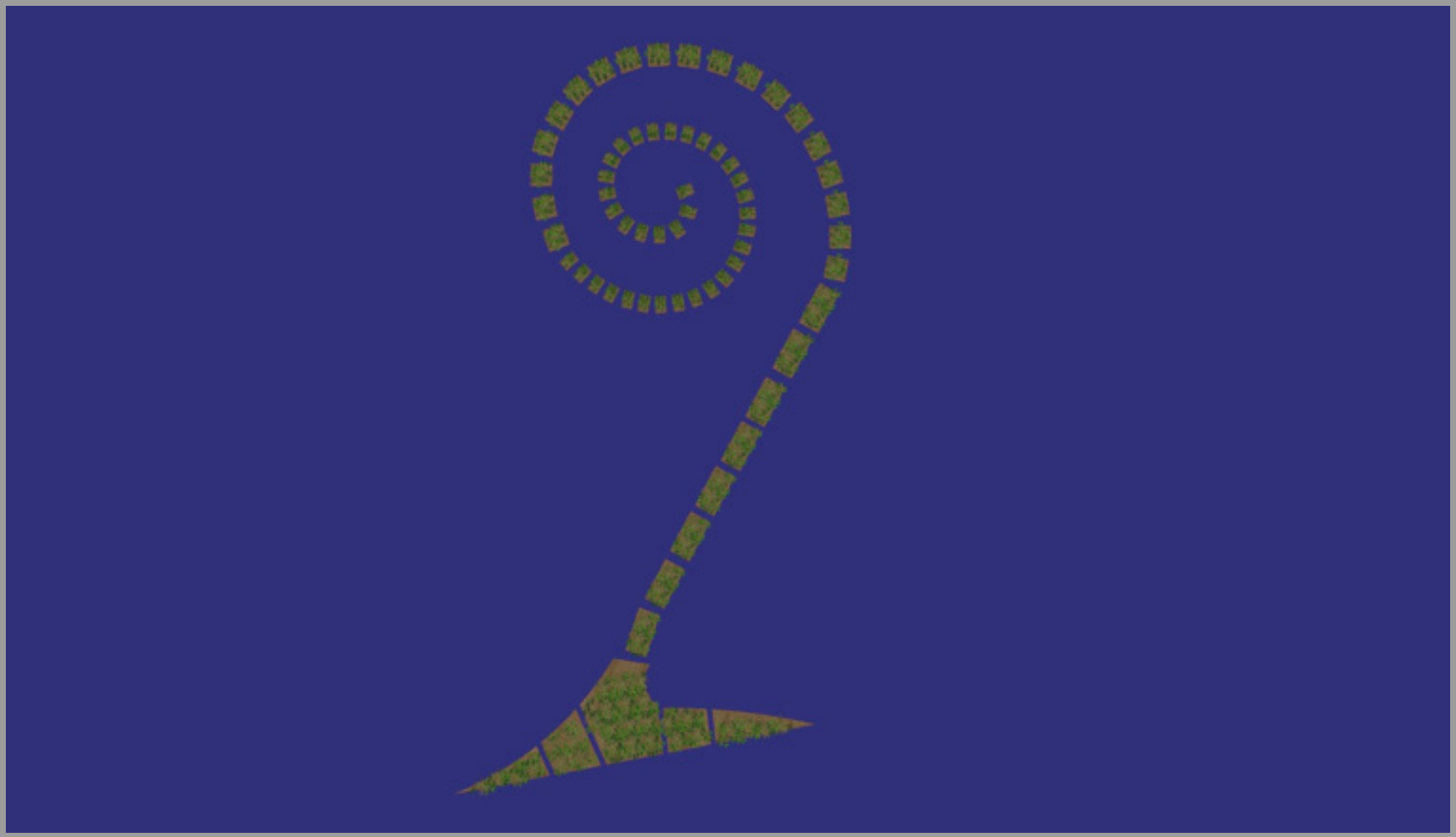
Planting underway

Runnels of blue flag iris

Temporary pieces with longer term impacts

Creating temporary habitats

“Mud Versailles” after the waddles are taken to other sites



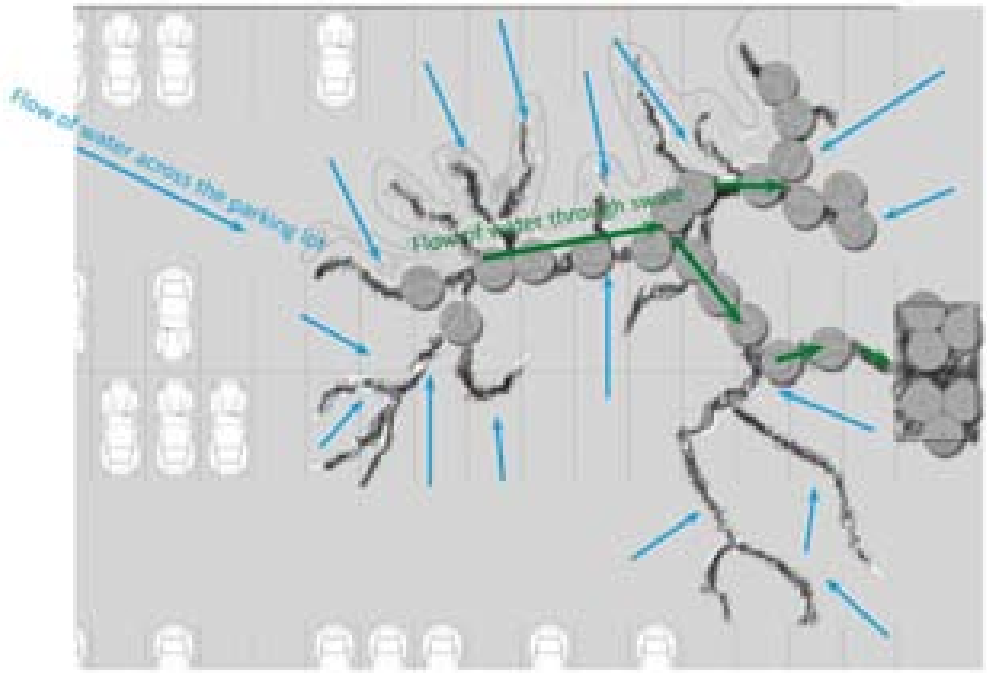
Why does water get narrow pipes and we get the rest of the site

bioswale for a parking lot

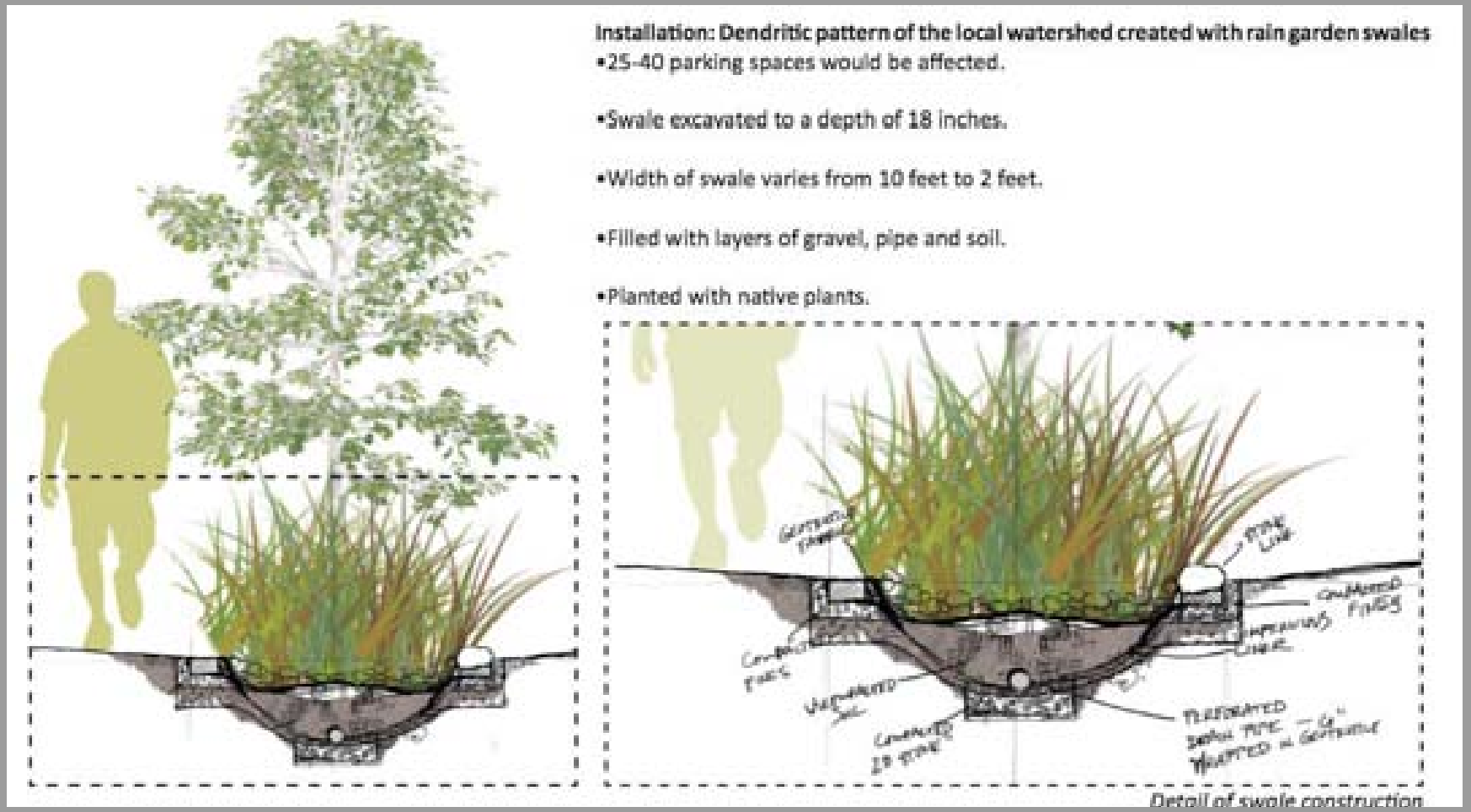
The flow

Parking Lot as Site:

- The passage of rainwater from grey to green needs to be better choreographed.
- Rainwater is an asset and needs to be treated as one, not piped away as if it were toxic.
- Now is the time for art to harmonize the relationship of grey to green, manmade to natural.
- Art can lead the way to celebrate the journey of rainwater



Swale cross section

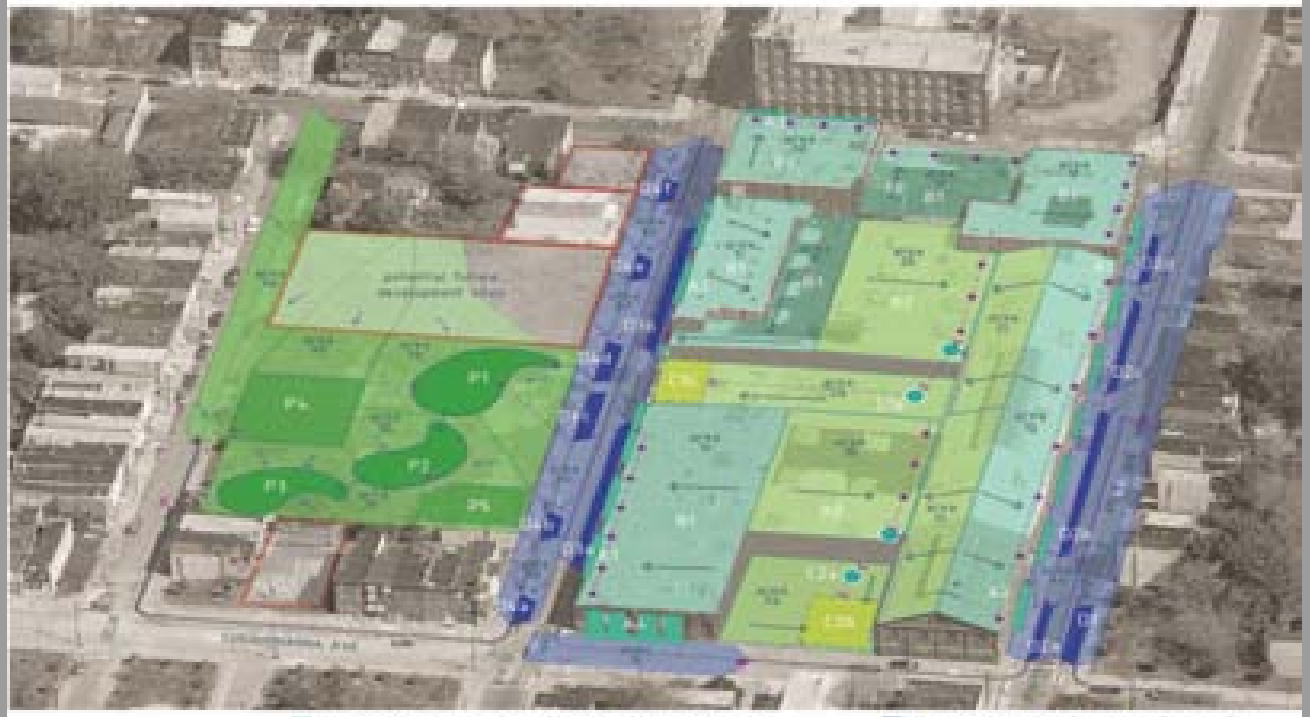


leveraging water + plants

in zero-lot sites

entrant id number 12004

stormwater plan



Drainage Area 1: Blue-Green Skin (A.) + Blue-Green Roofs (B)
Drainage Area 2 & 3: Blue-Green Roofs (B) + Rainwater Courtyards (C)
Drainage Areas 4-8: Streetscape Swales (D)
Drainage Area 9: Rainworks Park (F)
Catchments
Outlets

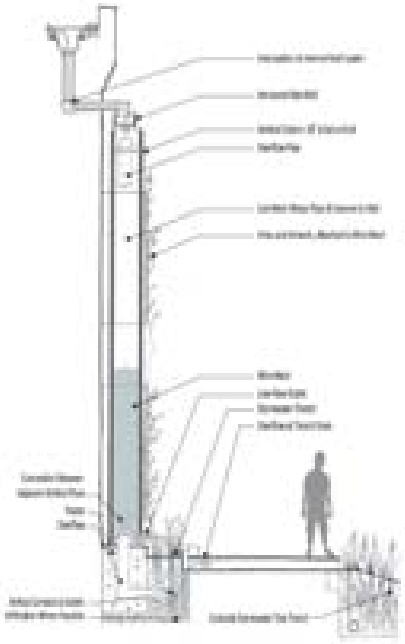
See Appendices B-C for additional information.

stormwater management strategies

A: Blue-Green Skin

A warehouse can wear its rainfall on its skin! Perimeter roof leaders are intercepted, and runoff directed to slender vertical cisterns placed along the building façade. Cistern outflow trickles into narrow stormwater planters fronting the cisterns. Wire mesh from the factory wraps the cisterns and ties back to the wall. The mesh becomes a support for vines and artwork showcasing the factory inside. Wall sections between the blue-green bays become sheltered nooks for seating along the streetscape. This strategy optimizes capture volumes while keeping the majority of the sidewalk width available to pedestrians.

- Time frame: immediate
- Possible funding sources or partnerships: local arts grants, artists, pipe manufacturers
- Regulatory implications: PWD permission to utilize approximately 1/3 of sidewalk width for planter or stormwater space

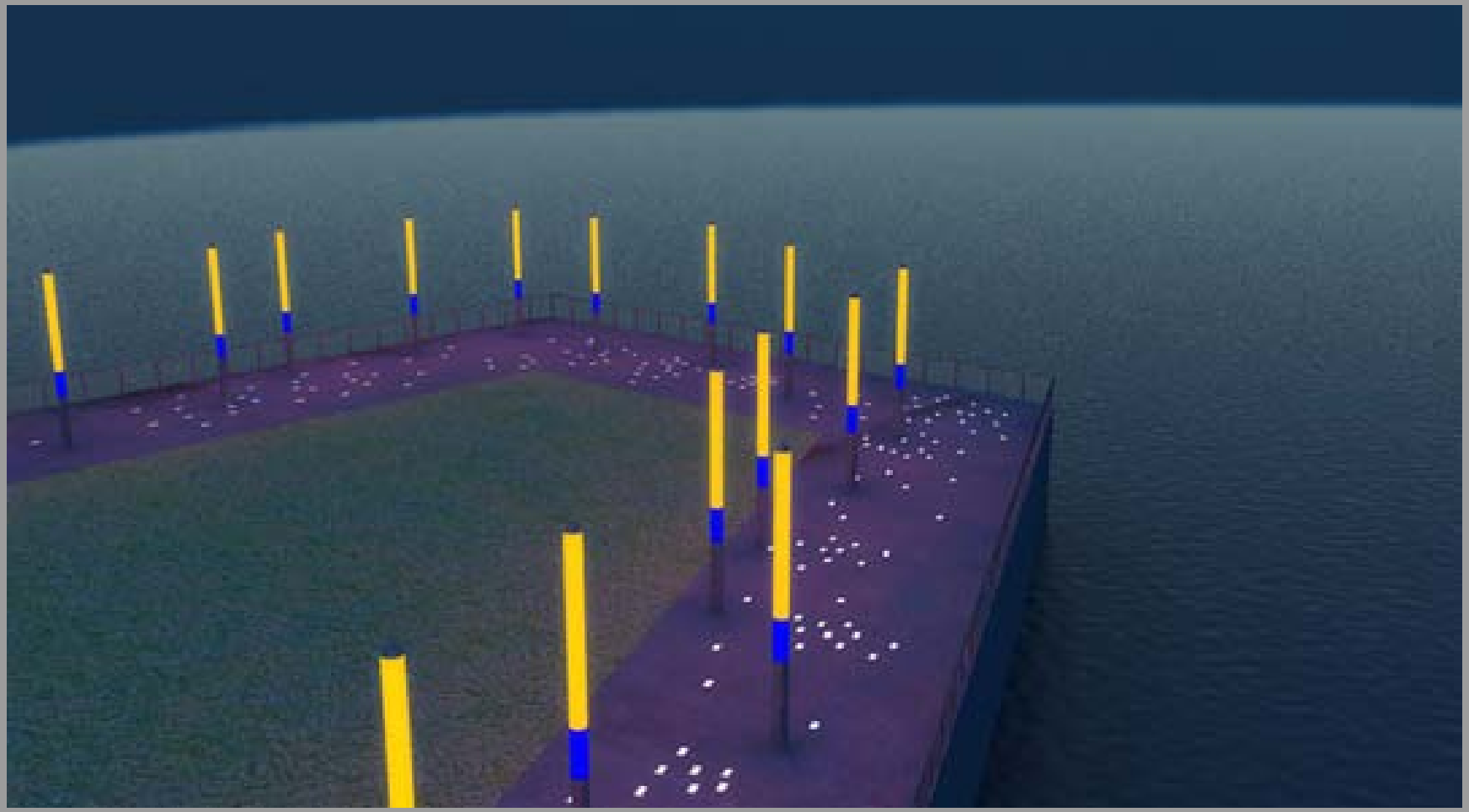


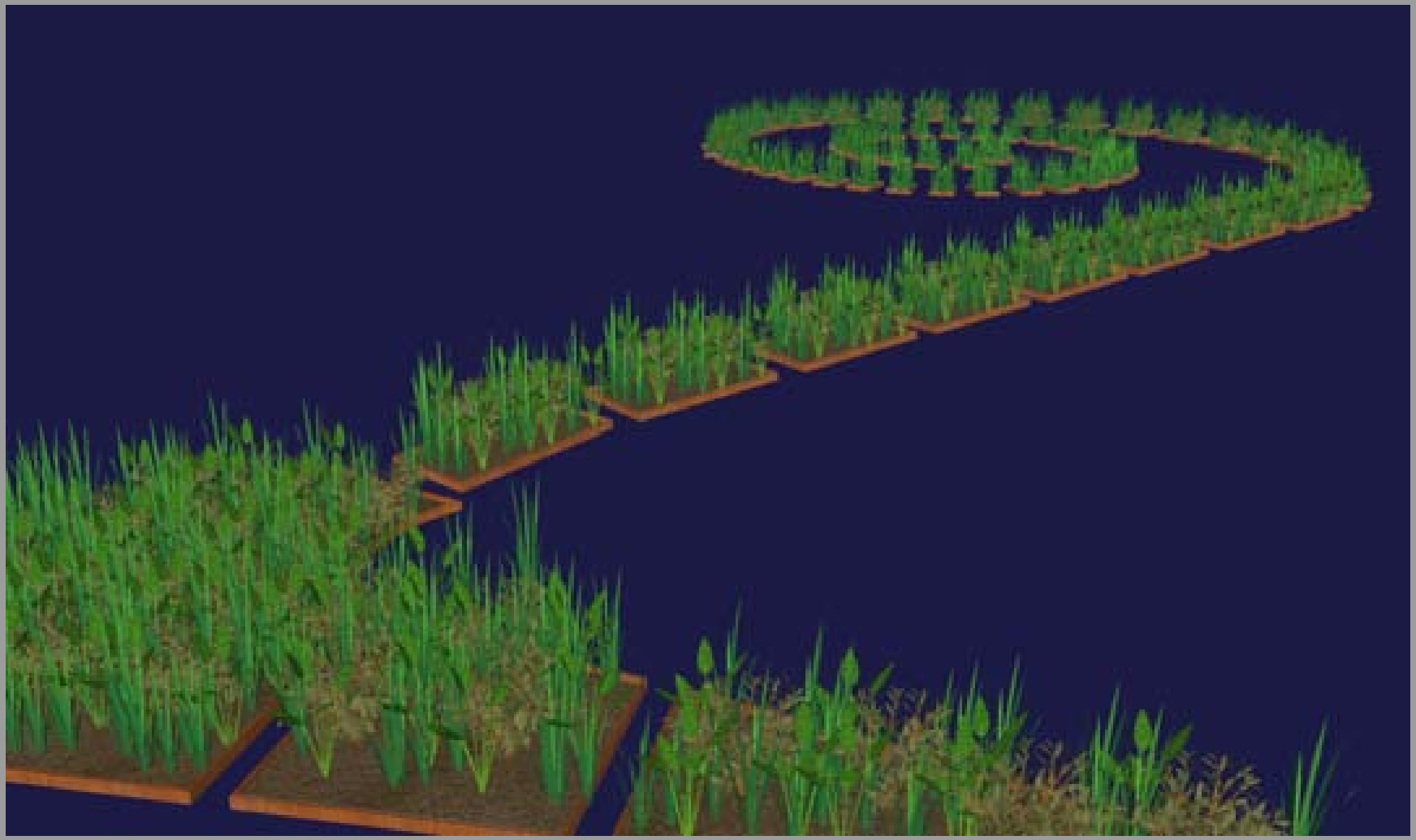
Rainwater Courtyard Entrance | welcoming, modern-industrial, multi-use

View showing Blue Green Skin, stormwater planters, and wayfinding totem pavilion.


Public Art Review

Celebrating the open space of water





Plants are taking hold

Chalking in the river cuts

Art that appears only at night

Showing the Wind

Promoting decay

Cutting the asphalt and excavating the river lines

Just planted

After first growing season

Just planted rubble garden

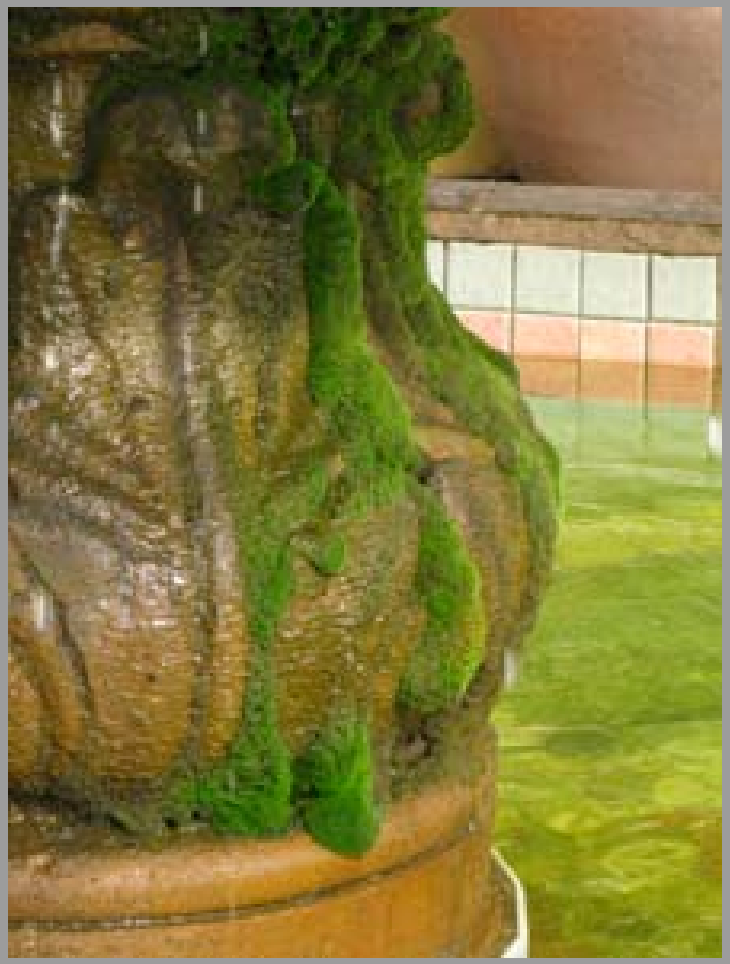
In winter

Taking surfaces that are not working

Working with stormwater runoff

Typical rain water container

Painting with algae



Drive by view


DRIZZLE

neighborhood experience

Rain Works Park | fun, educational, inspiring

Park view looking towards Delhi Street