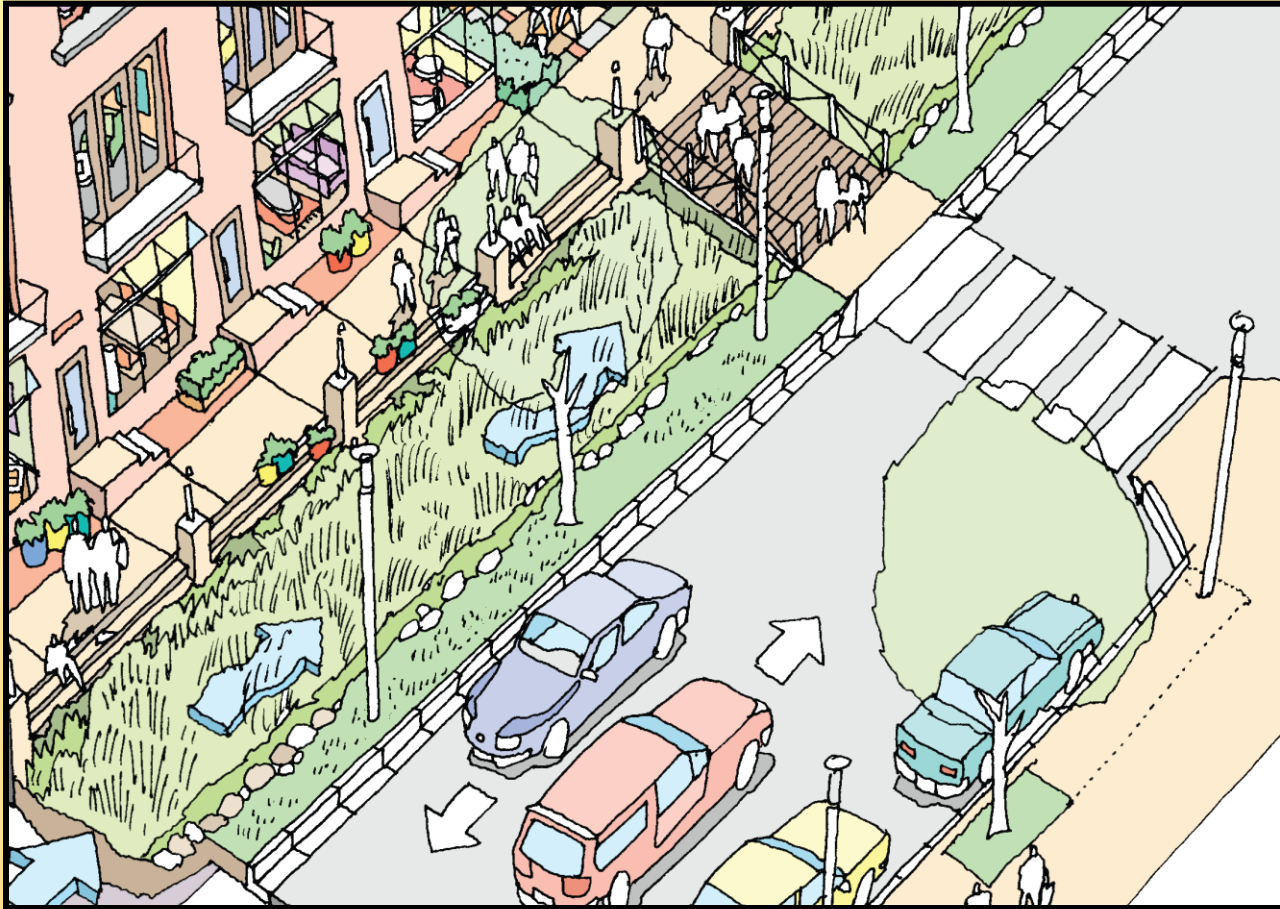


Swale On Yale

Water Quality Treatment for Capitol Hill Runoff



**Seattle
Design
Commission**

**Early Design
Phase**

12/18/08

Agenda

1. Why build a regional water quality project here?
2. What will it accomplish?
3. What does the neighborhood look like?
4. How does the swale work? What will it look like?
5. Partnerships

1. Why WQ here?



- Lake Union has high value.
- Cap Hill has extra-dirty runoff.
- Proximity to storm drain.
- Good site conditions.
- Cost saving partnership.
- Cost effective treatment

2. Project Goals

- Treat the equivalent of 150-acres of Capitol Hill.
- Remove 2 ½ dump trucks of sediment and pollution from reaching Lake Union each year.
- Provide cost effective water quality treatment.
- Create more green space and a pedestrian friendly street-scape

Other SPU bio-swales in Seattle



- Broadview
- Highpoint
- Pinehurst



3. Neighborhood



Photos of Cascade Neighborhood



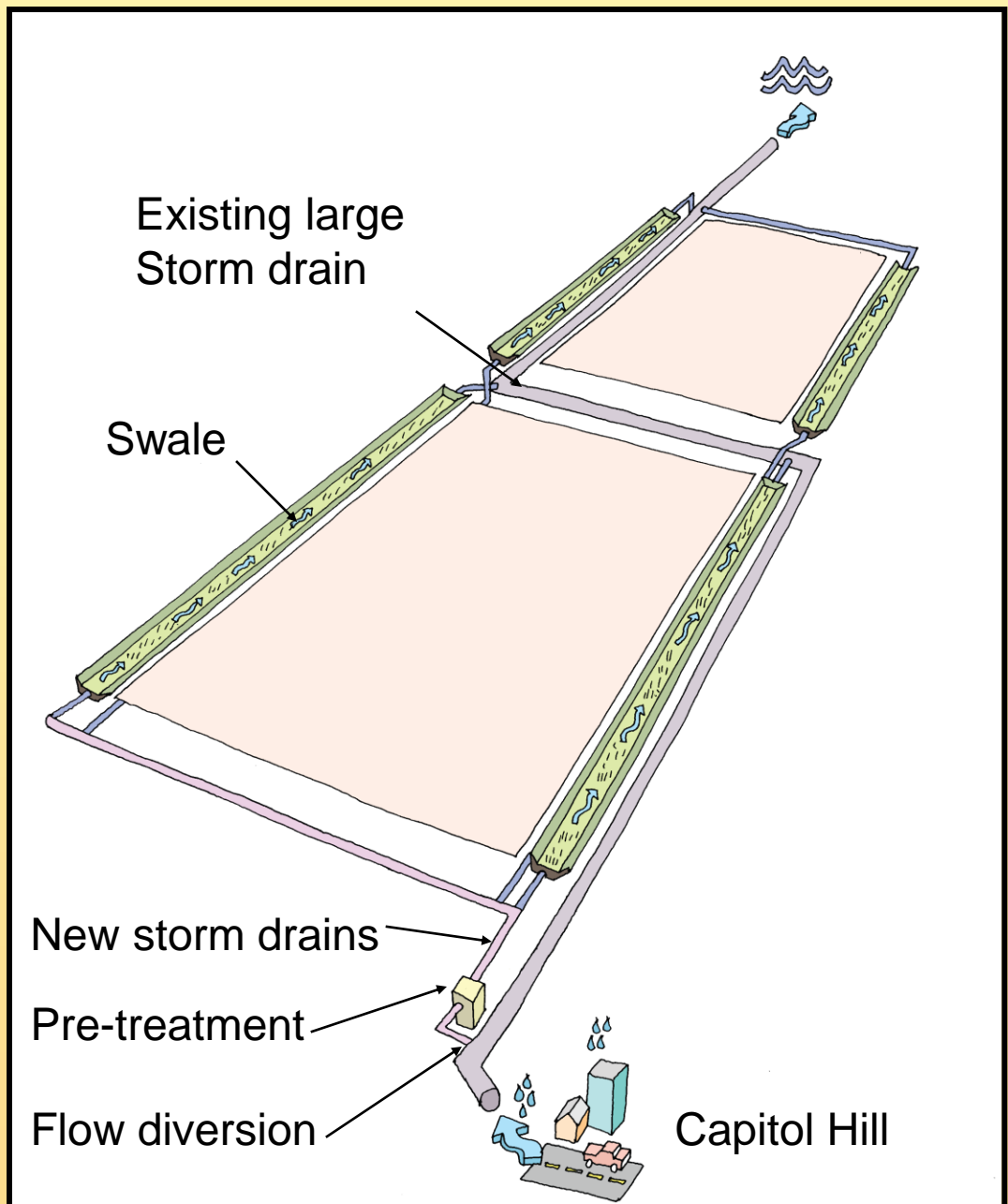
Photos along Yale Ave N



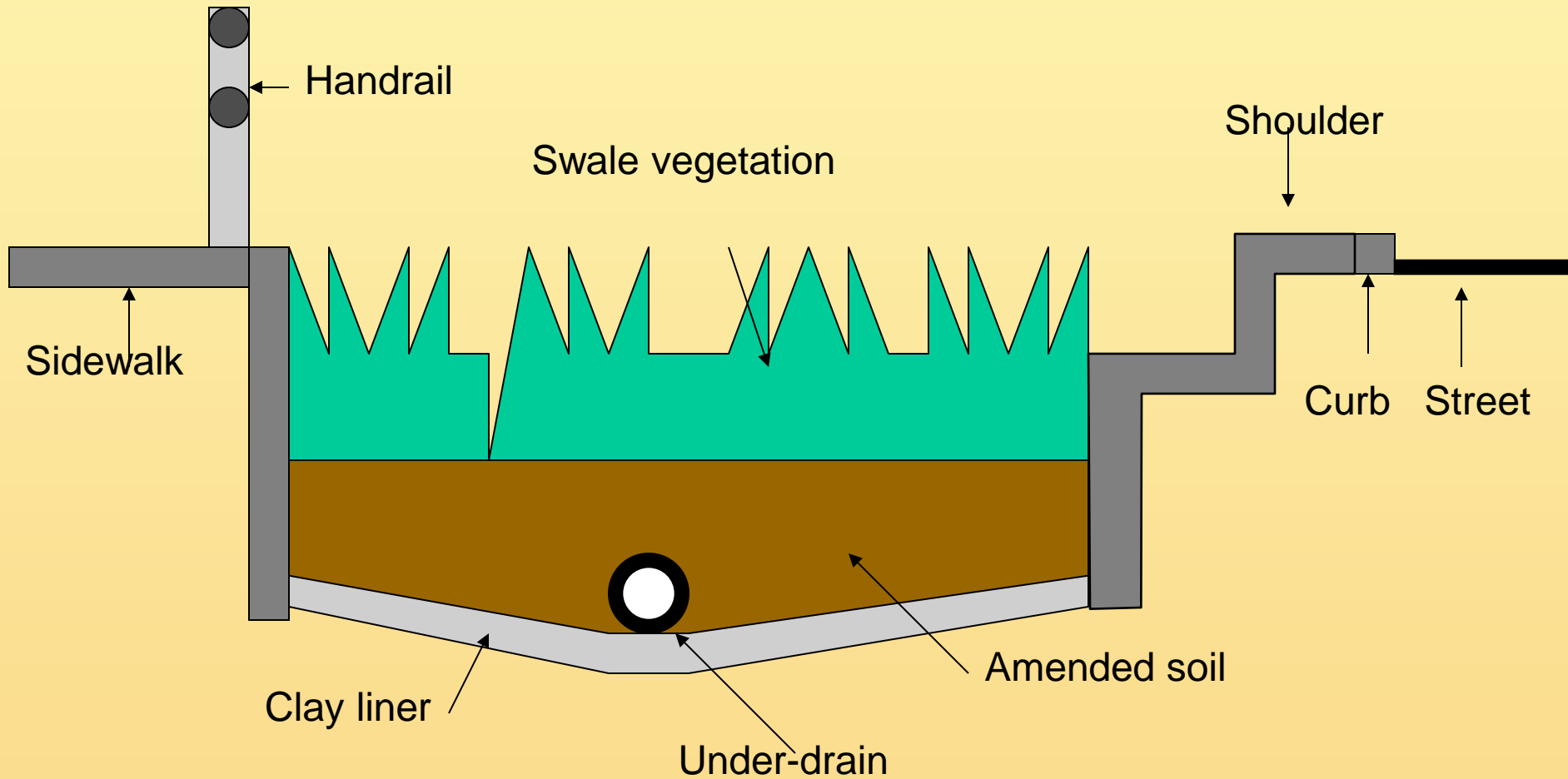
Photos of Cascade Neighborhood

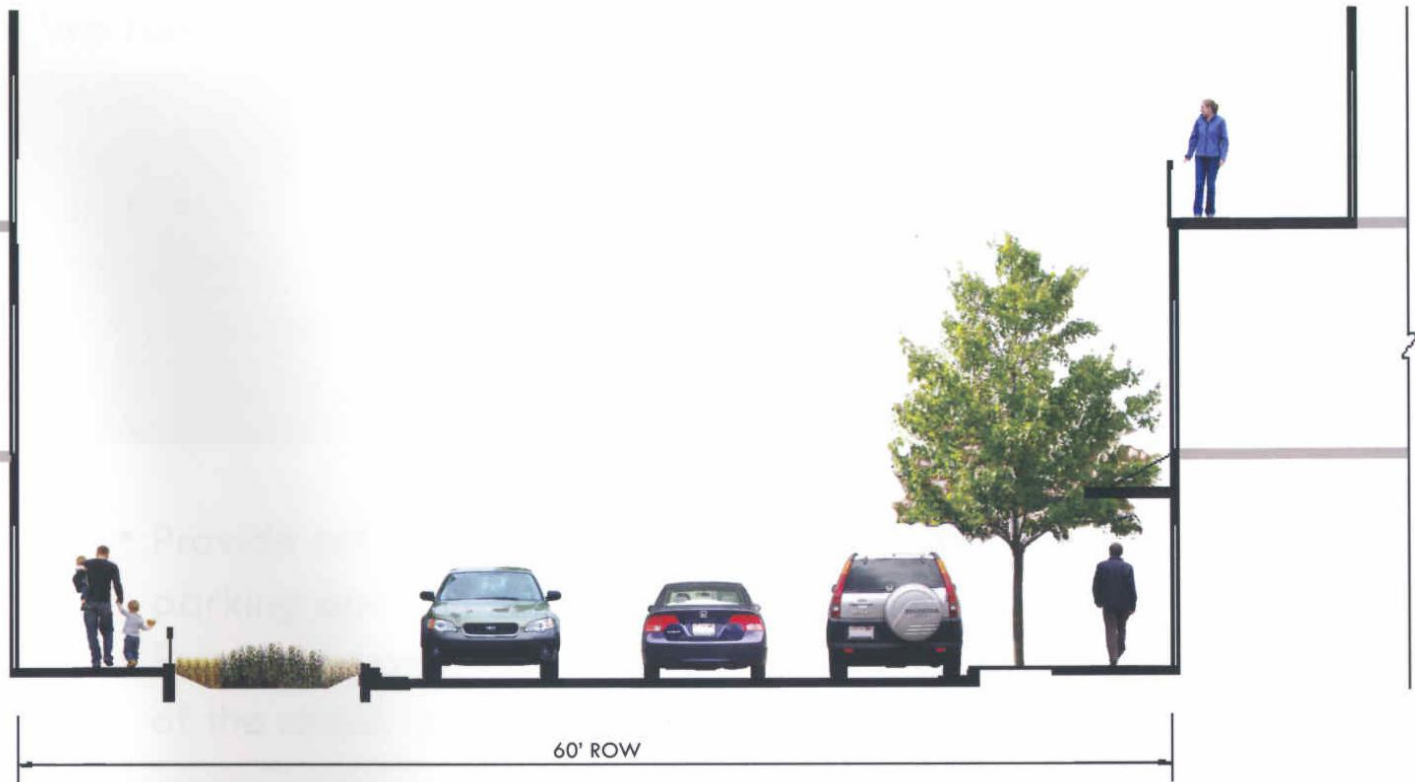


4. How does it work?



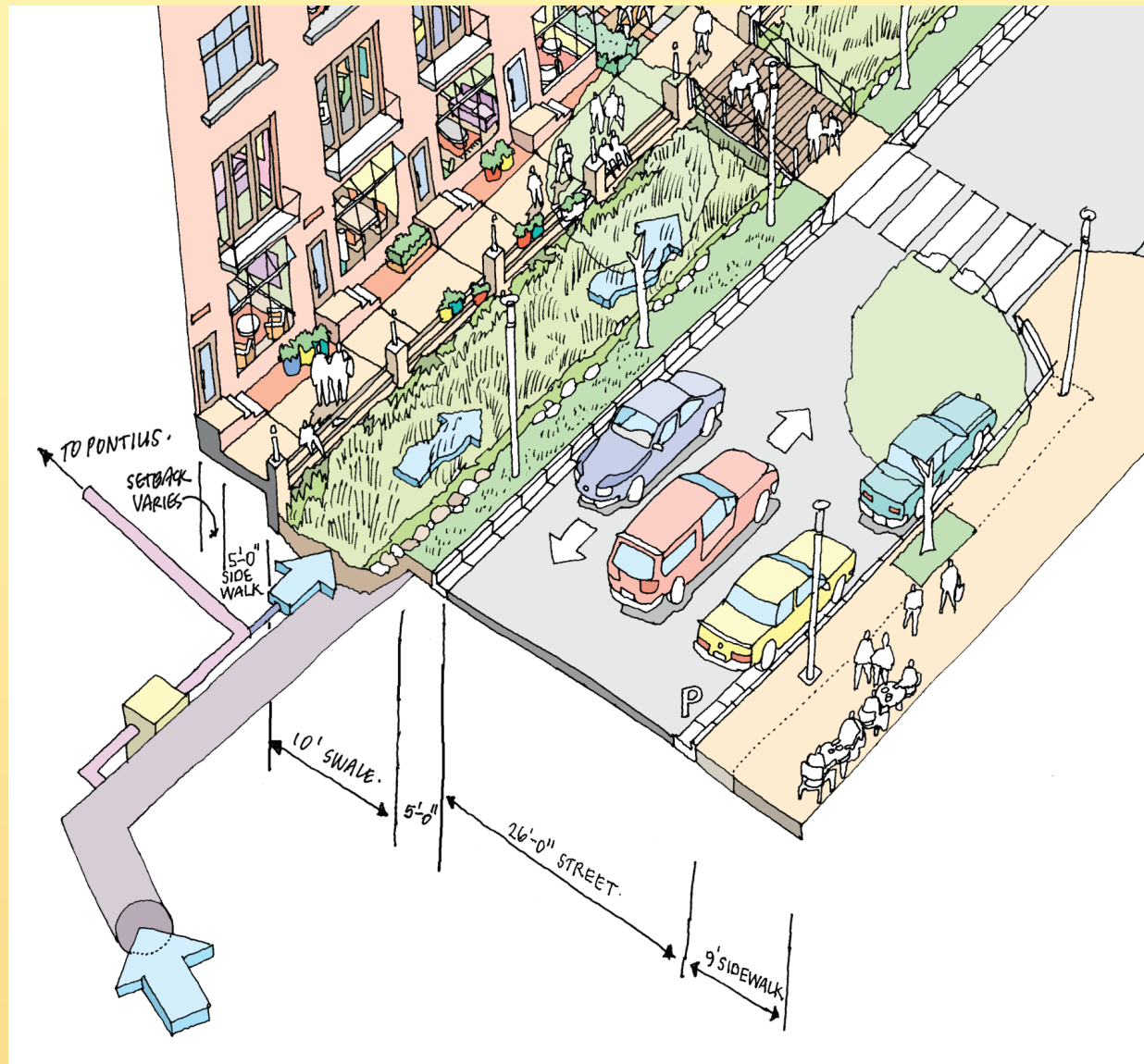
Swale cross-section





- Goal for Urban Design Character: Provide a swale design that is urban in feeling and supports the street realm

Key Design elements



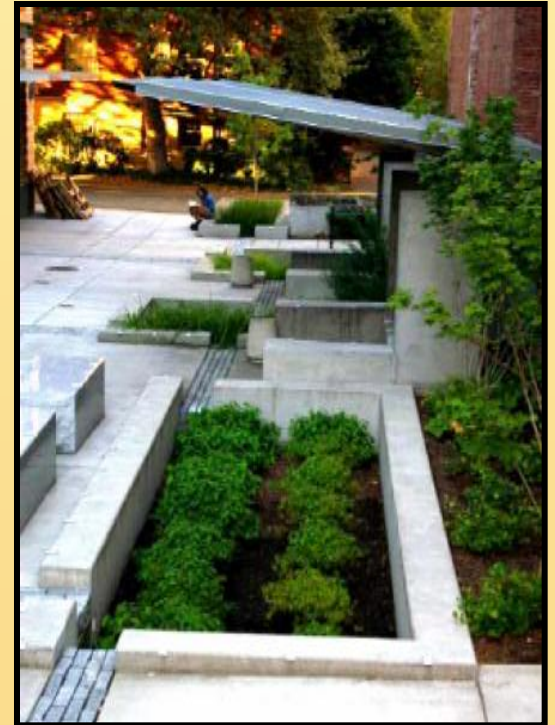
- Swale takes parking lane
- Swale ~13-ft wide, 2-ft deep
- 26-ft wide driving/parking roadway
- Stoops along swale
- Narrow sidewalks
- Mid-block pedestrian crossing

Yale Ave

artist rendition



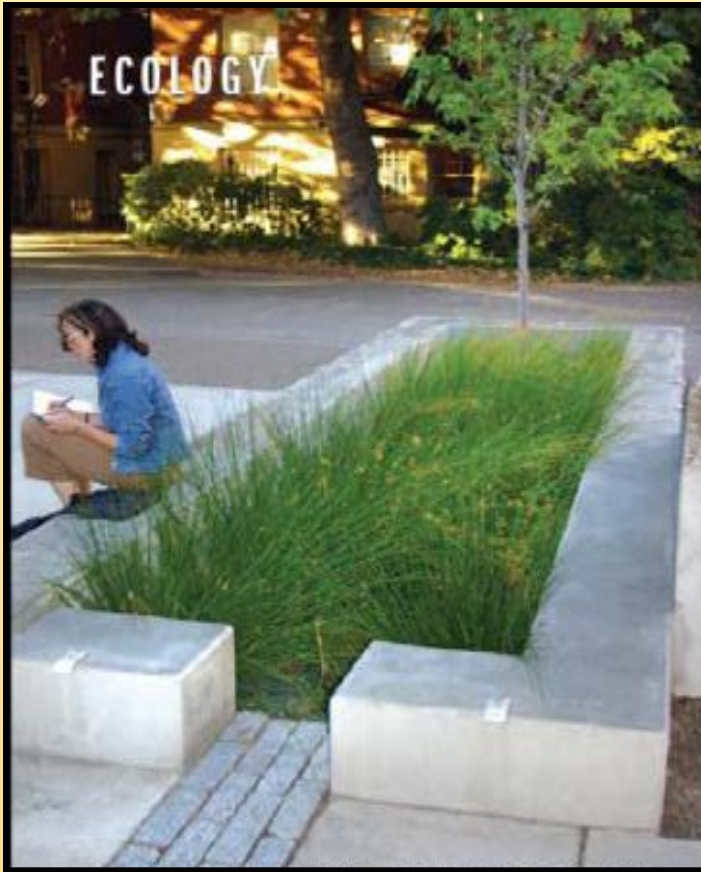
Stormwater Design Inspiration



Stormwater Design Inspiration



Stormwater Design Inspiration



5. Partnership

The project is being developed with support from:

- Vulcan – sharing right-of-way improvement costs
- SDOT – roadway design, parking, planting areas and sidewalks
- DPD – coordination with adjacent development

Questions/ Comments?



Summary

Currently in early design

Built in phases from 2009 – 2012

Construction cost \$8M

Vulcan & SPU share construction



Yale Ave

Republican St

Harrison St

Swale

Laundry Supply
Building

New mixed use

New mixed use

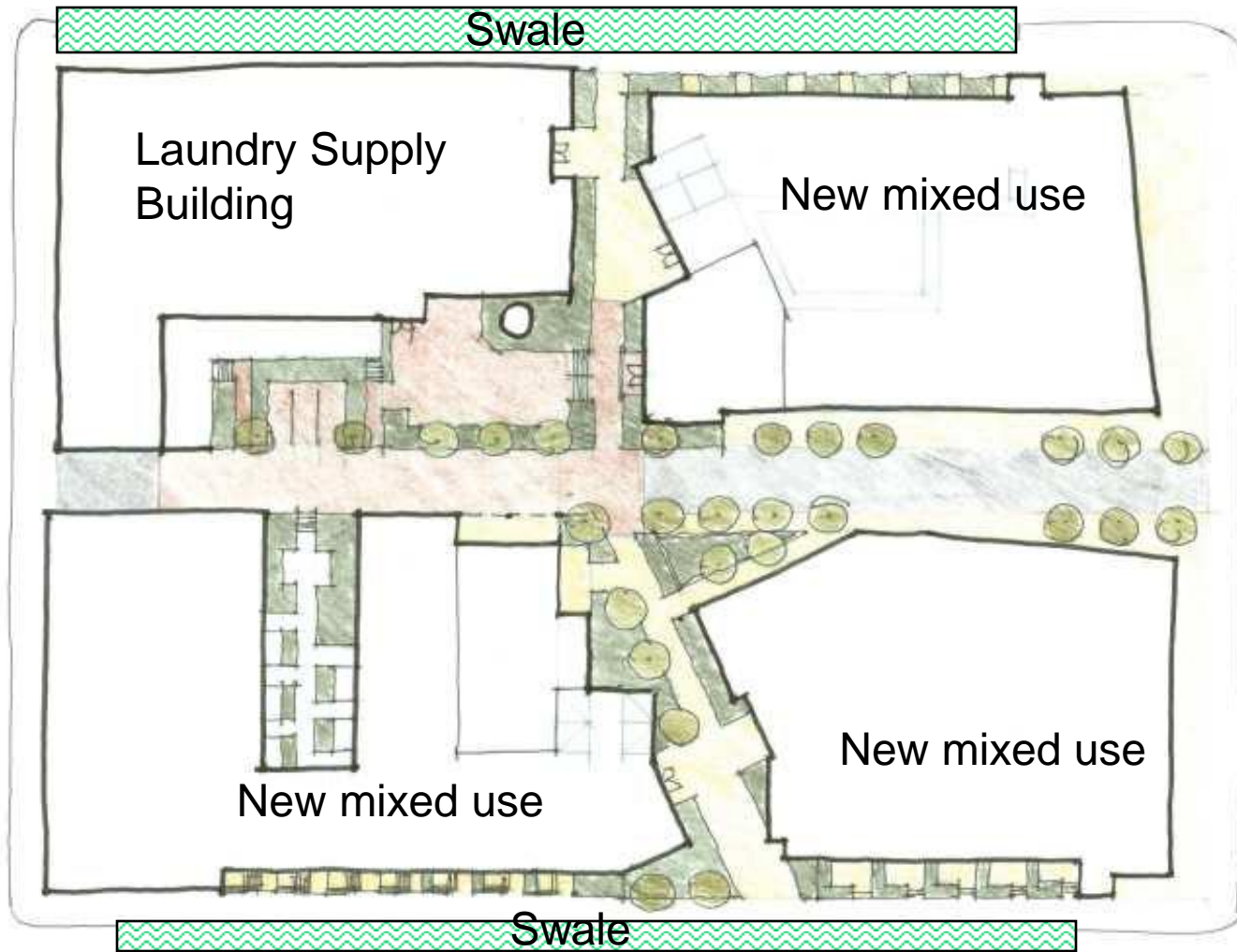
New mixed use

Swale

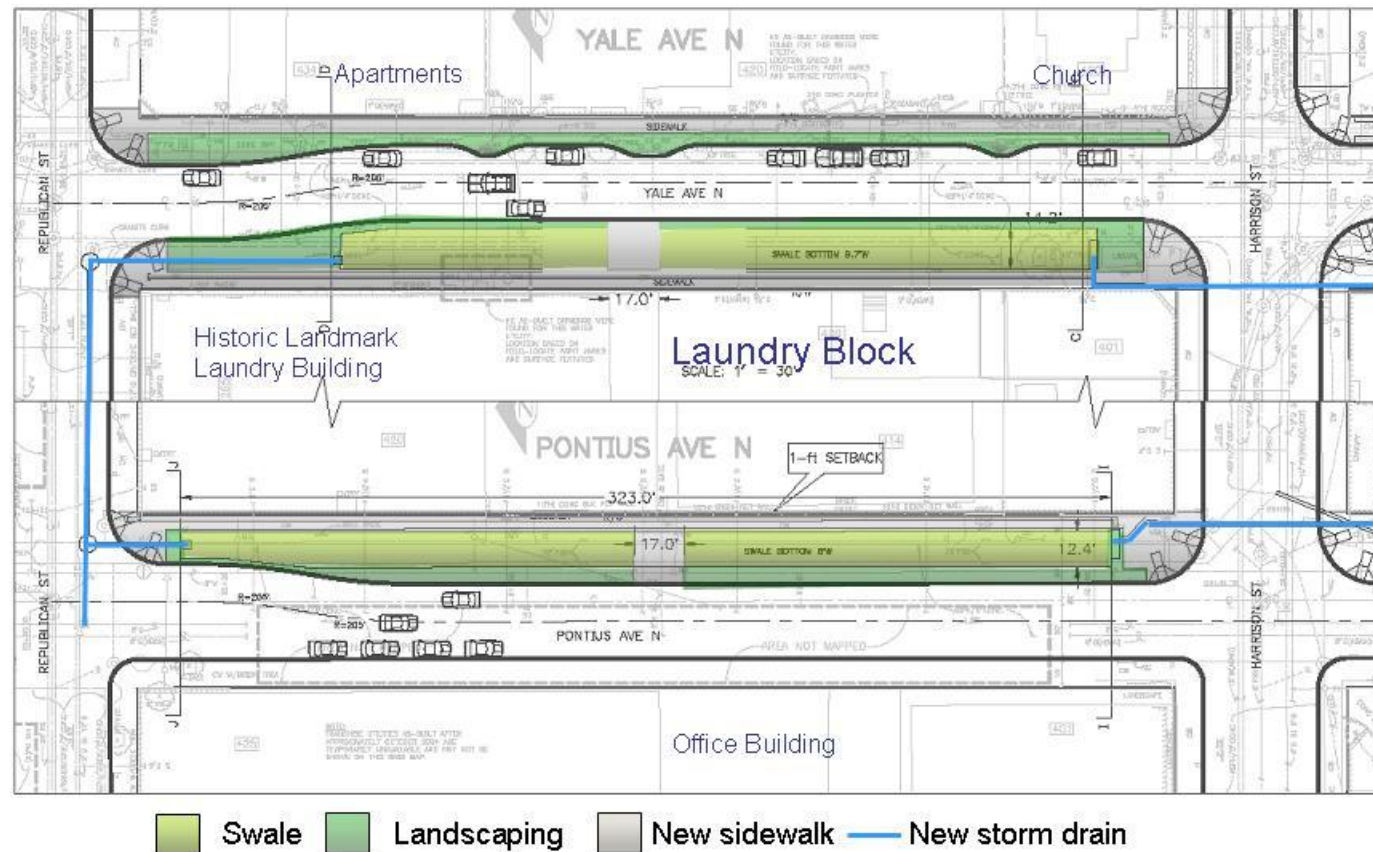
North



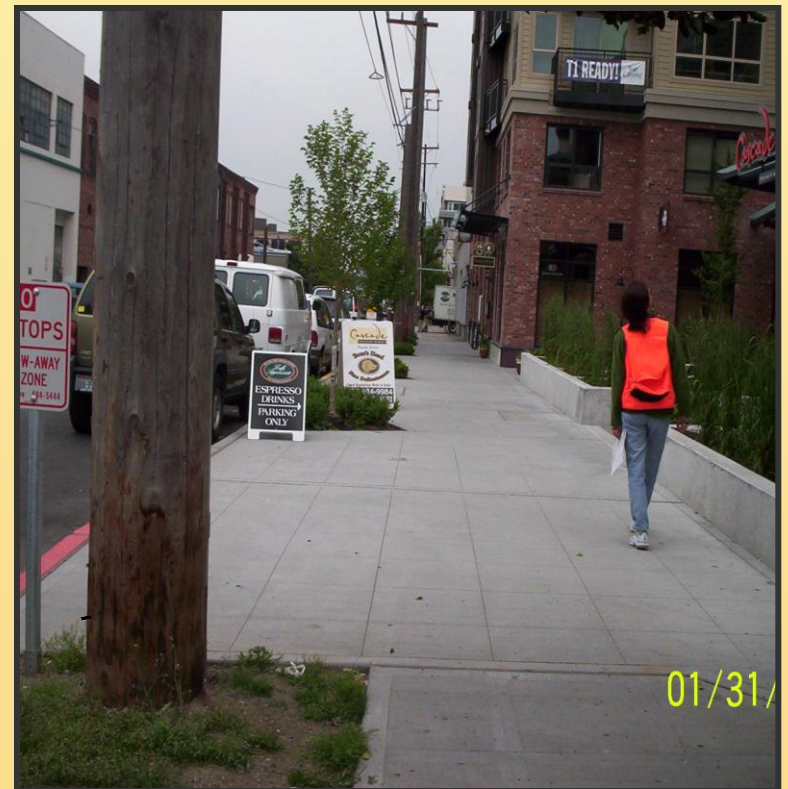
Pontius Ave



Swale on Yale: North Block 5/2/07



New curb is shown with a yellow line.



Phases for Swale on Yale November 2008 Construction Schedule

