Madison Valley Stormwater Project Phase 2
60% Design

Seattle Design Commission Meeting
September 3, 2009
Project Schedule

- 90% Design submitted for permitting – October 2009
- Start of construction – Spring/Summer 2010
- System operational – Fall/Winter 2011
Existing Conditions in Washington Park

Looking toward southwest corner of Washington Park

Mixed-use building on E. Madison Street

E. Madison Street streetscape

Batting cage and south slope from lower lawn

View down into site from E. Madison Street
Landscape Plan

- Undisturbed Forested Hillside
- Trail to Lower Lawn and Sports Field
- Rain Garden and Drainage Grate
- Swale around Tank Flows to Rain Garden
- Service Road and Pedestrian Entry elev. 134
- Mixed Use Building
- Sport Field elev. 96
- Lawn Berm elev. 99
- Lower Lawn elev. 90
- Overlook elev. 105
- Upper Lawn
- Stone Facade on Tank Wall
- Hatch Covers
- Truck Turnaround
- Existing Trees and Understory to be Saved
- Hillside Forest Restoration
- Invasive Plant Removal
- Native Trees and Understory Plantings
- Pedestrian Entry elev. 134

Scale in Feet:

30 20 10 0 20 40
Landscape Details

Metal Guardrail

Concrete Pavers

Upper Lawn

Overlook with Ornamental Railing

Stone Façade on Tank

Rain Garden & Drainage Grate

Sunken Lawn with Wooded Hillside
Art Wall

- Cavity-nest bird sites integrated into wall
- Gutter collects water from top of tank and directs it to moss chevrons
- Weep holes drain upper lawn
- Rectangular stone work
- Rough cut angled stone work under gutter spouts
- Rain garden below moss
Bird Nest

- facing stone
- stainless steel hinge
- PVC or HDPE conduit box set into facade
- removable cast stone tree bark facade
- 1” opening to favor wrens and chickadees
- all nests 4” deep but height and width vary
**Art Wall**

**Hydrology:** Storm runoff from the top of the tank, the upper lawn and possibly the access road is captured and directed to a gutter at the top of the wall. Captured runoff flows down the wall creating 3 moss zones of the tank into the rain garden below.

**Moss Wall Zones:** The mossy wall zones located on the northeast side of the tank, an easy place for moss to grow. In addition to moss, ferns can also grow on the wall.