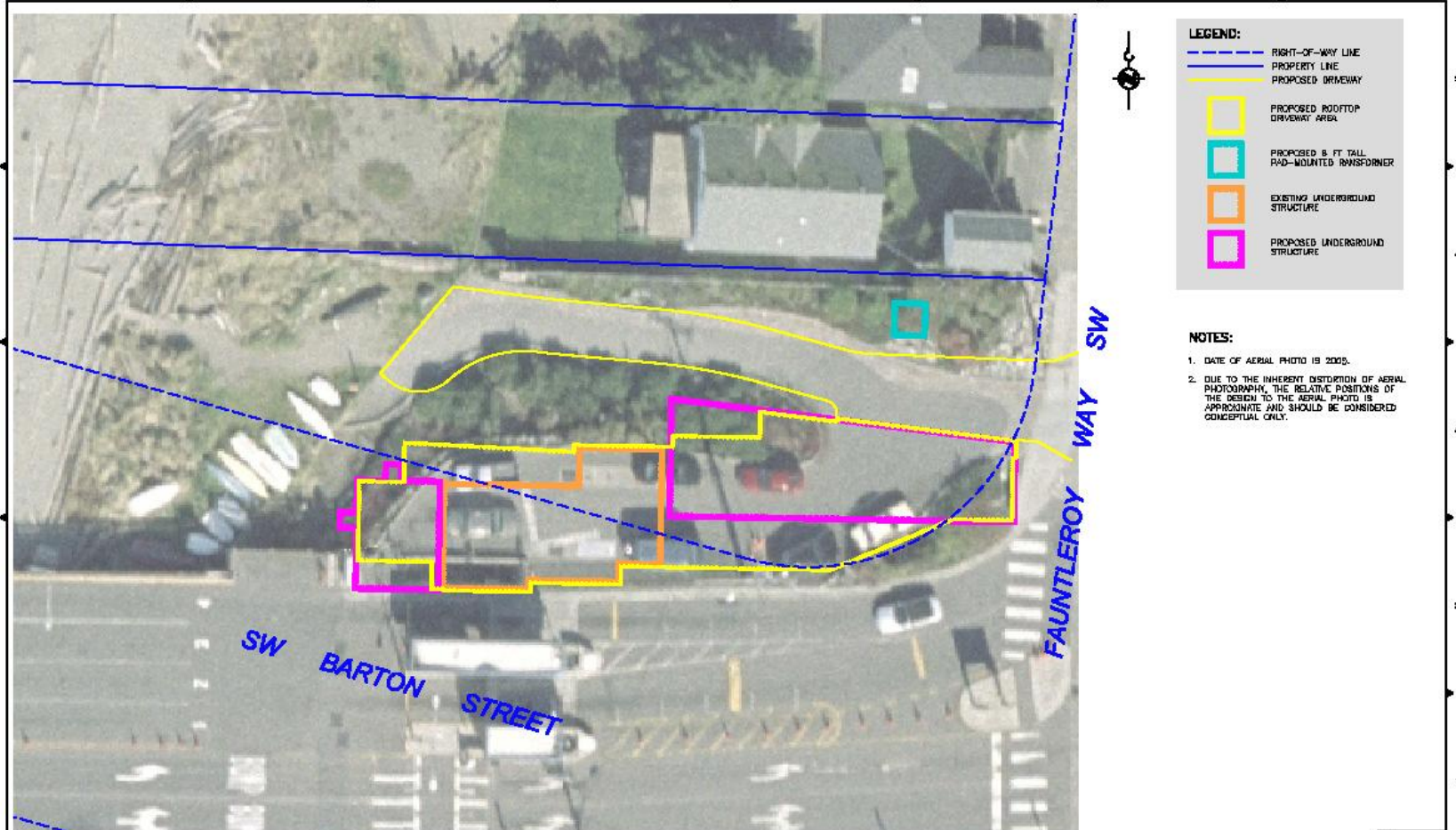


King County Department of Natural Resources and Parks,  
Wastewater Treatment Division

# Barton Pump Station Upgrade Project - 8953 Fauntleroy Way SW

# Barton Pump Station: Existing & Proposed Footprint



**LEGEND:**

- RIGHT-OF-WAY LINE
- PROPERTY LINE
- PROPOSED DRIVEWAY
- PROPOSED ROOFTOP DRIVEWAY AREA
- PROPOSED 8 FT TALL PAD-MOUNTED TRANSFORMER
- EXISTING UNDERGROUND STRUCTURE
- PROPOSED UNDERGROUND STRUCTURE

- NOTES:**
1. DATE OF AERIAL PHOTO IS 2005.
  2. DUE TO THE INHERENT DISTORTION OF AERIAL PHOTOGRAPHY, THE RELATIVE POSITIONS OF THE DESIGN TO THE AERIAL PHOTO IS APPROXIMATE AND SHOULD BE CONSIDERED CONCEPTUAL ONLY.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">NO.</td> <td style="width: 20%;">REVISION</td> <td style="width: 20%;">BY</td> <td style="width: 20%;">APPD</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				NO.	REVISION	BY	APPD	DATE						DESIGNER: J. Pevsner/B. Minkley		SCALE: 1" = 10'		DEPARTMENT OF WATER RESOURCES & POWER WASHINGTON STATE DEPARTMENT OF <b>BARTON PUMP STATION</b> <b>UPGRADE</b>		DATE: MAY 2016	
				NO.	REVISION	BY	APPD	DATE													
DESIGN APPROVAL: B. HILDETH		DATE: 05/11/16		PROJECT FILE NO: 4-23003																	
PROJECT APPROVAL: B. HILDETH		DATE: 05/11/16		DRAWING NO.: 4-23003		SHEET NO.: 1 OF 1		DATE: MAY 2016													

# Landscaping Concept

Barton Pump Station Upgrade Project

# Design Objectives

- Effectively integrate the building into the neighborhood;
- Foster a sustainable landscape;
- Coordinate plant material for color and texture;
- Address community concerns regarding screening of the building and adjacent Cove Park;
- Install new art at Cove Park consistent with location and natural beach features;
- Restore the landscaping of the adjacent residence in preparation for sale after construction is complete;
- Address park user activity;
- Delineate pedestrian and vehicular circulation within the site as well as adjacent ferry traffic;
- Comply with applicable codes and ordinances.

# Consistency with State/Local Land Use Codes

Barton Pump Station Upgrade Project

- Public Access and recreational opportunities will remain unchanged or slightly improved by:
  - Replacing the walking path to the beach;
  - Adding a new bench near beach;
  - Replacing the existing driveway (will have removable bollards to allow vehicle access for vegetation maintenance).

• *RCW 90.58.020 (Shorelines of the State – Use Preference)*

- Existing pump station at site: upgrades necessary to reduce sewage overflows into Puget Sound
- Long-term benefits will exceed short-term impacts due to construction activities
- The ecology of the shoreline will be protected by:
  - No work below the Mean higher high water line;

- Existing beach grasses impacted by construction will be replaced or replanted. An additional 790 square feet of beach grasses will be replanted to enhance shoreline habitat;
- The site will be monitored for 5-years following construction. Performance standards have been included to ensure plant success;
- The project has been designed to capture all stormwater surface runoff by routing stormwater through wetwell (routed & treated at West Pt);
- A rain garden will be installed at the bottom of driveway to capture runoff from motor vehicles. The proposed rain garden has been reviewed and sized according to SPU standards.



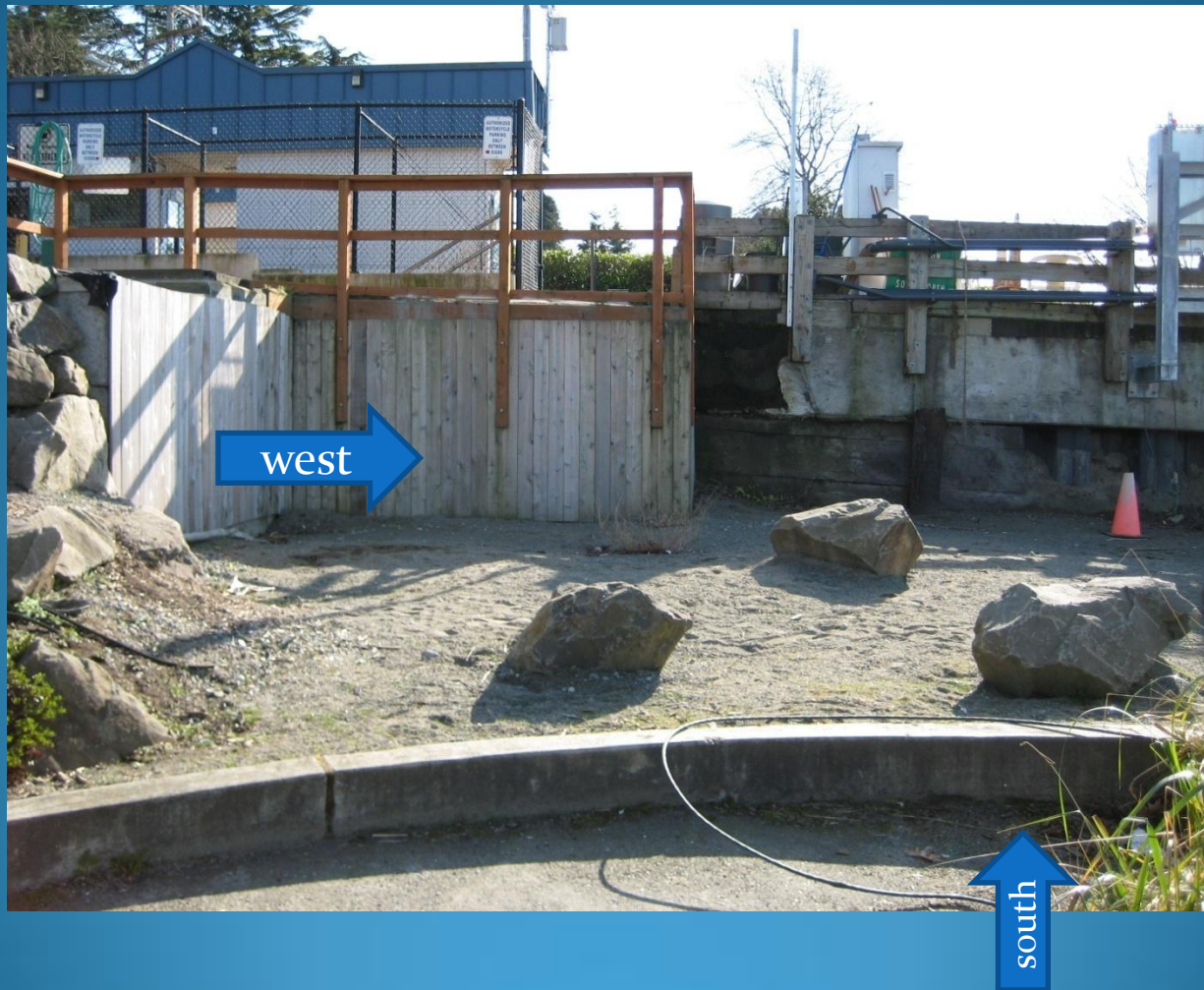
# Access to Park Looking West



# Car Entering Pump Station Driveway (Street-End Park Entrance on Right of Photo)



Westward Facing Wall of Underground Pump Station (Existing).  
Photo is Looking South Toward Ferry Terminal.



## Residential Property (KC Owner) adjacent to and North of Pedestrian Park Access



King County-owned Residential Property (any disturbed areas containing beach grass will be revegetated)



Beach Area Fronting Barton Pump Station (two parking spots are located on top of the pump station and behind brown wood railing below)



Pump Station Parking

Pump Station Wall

Fauntleroy Ferry Terminal

## Barton Pump Station Wall and Parking Area



Pump Station Parking

Pump Station Wall

Residential Property Owned by King County (looking east)





## Street-End Park Public Access (pavement) & Adjacent King County Property



## Fauntleroy Ferry Terminal Driveway (Barton Pump Station on the Right)



Beach Area Fronting Pump Station (looking south toward ferry terminal)



## Garage of King County Residential Property Adjacent to Pump Station



Ferry Terminal Entrance

Entrance to Pump Station

Driveway to KC Residential Property