

CIVIL ENGINEERING

Shaping earth, guiding water



Snohomish County Campus Redevelopment, Everett, WA



Green River Community College, Auburn, WA



Child Development Center, U.S. Navy, Oak Harbor, WA



Swanson Wetland Mitigation, Everett, WA



Maplewood K-8 School, Lynnwood, WA



Arlington Police Station & City Hall Annex, Arlington, WA



Missile Assembly Building-3, U.S. Navy, Bangor, WA

SERVICES

Site Development

- Erosion Control Programs
- NPDES Compliance
- Stormwater Collection & Treatment
- Parking Lots & Roads
- Grading & Paving
- Truck Access & Maneuvering

Project Delivery

- Construction Administration
- Feasibility Studies
- Public Involvement

Stormwater Management

- Detention & Retention Ponds & Vaults
- Wet Ponds
- Biofiltration Swales
- Drainage & Basin Studies
- Oil/Water Separators
- Water Quality Treatment Facilities

Utilities

- Water Transmission & Distribution Systems
- Sanitary Sewer Collection & Conveyance Pump Stations
- Outfalls
- Wastewater Treatment & Disposal (on-site)

REID MIDDLETON CIVIL ENGINEERING EXPERIENCE

Stormwater Management

Storm drainage systems collect and convey stormwater to protect people and property. Just as importantly, these systems must keep our waters clean and protect the natural environment. Our civil engineers are experts at designing storm drainage systems that perform their important primary function. Moreover, our systems respect the ecological environment and blend with the site, becoming an amenity and even a focal point. Stormwater detention ponds become reflecting pools and habitat for small wildlife species. Water quality treatment systems remove sediments, oils, and other pollutants. Low Impact Design (LID) elements such as permeable pavement and rain gardens recharge groundwater aquifers.

Reid Middleton engineers understand the complex codes and permitting process. We work with numerous federal, state, and local jurisdictions.

Utilities

Providing communications, light, and heat, these are the invisible systems that sustain our way of life in business, education, home life, and defense. They maintain our health and provide protection from fire. Our engineers plan and design water systems, sanitary sewer systems, and natural gas systems

for individual site developments, campuses, and extensions to municipal utility systems. Developments range from green field sites to brown field sites with contaminated soils, and existing urban and campus settings where utilities must be maintained to support current uses during construction.

We design utility systems to provide decades of reliable, low maintenance service, and we build in flexibility to provide for expansion and change.

Sustainable Design

Reid Middleton offers LEED-accredited civil and structural engineers, experience designing green and sustainable solutions, and experience supporting architect-led teams intent upon providing a comprehensive building and site design that achieves LEED certification. Our notable green and sustainable design projects include Terrace Park & Maplewood K-8 Schools (Edmonds School District), the Science and Technology Centers at Green River Community College, and Union Slough on the Snohomish River, where we converted 19 acres of pasture land into habitat for salmon.

Port Gardner Infrastructure Redevelopment Port of Everett, WA

Reid Middleton provided planning and civil engineering design of a 67-acre, mixed-use waterfront development on the Everett waterfront. The project is a complex multi-phase development requiring maintaining operations to existing businesses, interfacing with multiple design teams, coordinating with numerous Port of Everett departments, and complex permitting processes from local, state, and federal authorities.

A word from our clients:

Letter to Reid Middleton Civil Engineers:

"I would like to thank Hugh Kuyper and Julian Dodge, for their outstanding performance. . . . These projects were challenging and provided the project team with schedule constraints, security concerns, permitting issues, construction phasing constraints and limited budgets. [Their] considerate customer service and organized project approach, utilized the resources and time of the project team effectively throughout the project. I look forward to an opportunity to work with Reid Middleton on future projects."

Julie Nakahara, Project Manager, Washington State General Administration

Performance regarding Naval Air Station Whidbey Island Indoor Washrack:

"The A-E produced a high quality product to meet the user's program requirements . . . The effort put forth by the A-E team was commendable and above the norm for executing this RFP. I look forward to working with this design team in the future."

R. Gale Schaeffer, Project Manager, U.S. Navy, Naval Engineering Command Northwest

Performance regarding I-5/196th Street SW Interchange, Phase 3:

". . . we wanted a design team led by a consulting firm that could balance multiple demands, bring to bear the right level of expertise, and efficiently manage a six-firm consultant team. Reid Middleton proved to be highly capable as a prime consultant, providing excellent management. . . . I would be pleased to work with Reid Middleton on City projects in the future."

Robert O. Dixon, Construction Manager, City of Lynnwood, Washington

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