



City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: <i>Thaddeus Egging</i>		
Board/Commission Name: <i>Seattle Design Commission</i>		Position Title: <i>Civil Engineer</i>
<input type="checkbox"/> Appointment OR <input checked="" type="checkbox"/> Reappointment		Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Specify appointing authority</i>		Term of Office: <i>3/1/16 to 3/1/18</i>
Residential Neighborhood: <i>Ballard</i>	Zip Code: <i>98117</i>	Contact Phone No.:
Legislated Authority: <i>Ordinance # 116909</i>		
Background: <p><i>Thaddeus Egging has practiced as a licensed Civil Engineer in Seattle for over 15 years, all of which has been spent at the KPFF Engineering Firm. Thaddeus specializes in Capital Improvement Projects from planning through design and construction, leading design and construction efforts on storm and surface water management and sustainability elements. Thaddeus has also distinguished himself in a variety of private developments in the region, including residential and commercial developments on Capitol Hill, Fremont, and First Hill in Seattle as well as in Issaquah and other Puget Sound cities. He has also served as Project Manager for Washington State University's 55-acre Riverpoint Campus in Spokane, Washington</i></p> <p><i>Thaddeus earned his Bachelors of Science in Civil Engineering from Gonzaga University. In addition to his registration as a professional registered engineer (P.E.), he also holds advanced credentials in the Leadership in Energy and Environmental Design (LEED) program.</i></p>		
Date of Appointment: <i>2/9/16</i>	Authorizing Signature (original signature): 	Appointing Signatory: <i>Edward B. Murray</i> <i>Mayor of Seattle</i>

CITY OF SEATTLE
 2016 FEB 10 AM 9:59
 CITY CLERK



Thaddeus Egging

PE, LEED AP BD+C

Principal

EDUCATION

BS Civil Engineering, Gonzaga University
(2001)

REGISTRATION

PE: Washington
LEED AP BD+C

AFFILIATIONS

American Society of Civil Engineers

For 15 years, Mr. Egging has been a civil engineer with KPFF Consulting Engineers at the Seattle office. During his career he has worked on many capital improvement projects from planning and design through to construction. Passionate about sustainability, many of his projects incorporate natural solutions to handle stormwater and surface water runoff. Thaddeus has been an asset to the Seattle Design Commission as he is known for his ability to quickly understand project goals, develop a clear project vision and efficiently implement those visions through collaborative design processes.

Decibel and Reverb, Seattle, WA
Project Manager for two projects located in the Capital Hill neighborhood. These adjacent developments consist of mid-rise mixed-use structures with residential over one level of commercial space on ½-acre parcels. Civil engineering design includes site grading; frontage improvements along adjacent roadways; utility services to the structure; storm drainage collection systems for the sites; foundation and underslab drainage; and construction erosion control. Green stormwater infrastructure requirements in the right-of-way are met by converting all planters to bio-infiltration zones and the implementation of strategic pervious paving areas. GSI requirements on-site are met by a combination of green-roofs, large bio-filtration planters and on-site landscape areas.

Stone 34, Seattle, WA
Project Manager for a mid-rise office building in the Fremont neighborhood. The building includes five levels of above grade structure with three levels of below-grade parking. ***This deep green project recently received its LEED Platinum certification.*** Civil engineering design includes such LID features as rain gardens, green roof, porous pavements, to meet both the Living Building Challenge and the City of Seattle's Green Stormwater Infrastructure requirements; frontage improvements along all three street frontages; coordination with and relocation of existing below and above grade franchise utilities; utility services to the structures; building horizontal control; and subsurface drainage design.

Insignia Towers, Seattle, WA
Project Manager for the civil engineering services for two 41-story condo towers in the Denny Regrade area. Services include storm drainage, utilities, sidewalk improvements on Bell, Battery, 5th Avenue and 6th Avenue, ***implementing Seattle's Green Streets program.***

University of Washington Research Facility, Seattle, WA
Design principal for this 160,000 SF project on the UW Seattle campus. The development is located in a view corridor therefore the structure will be fully below grade. One unique project challenge requiring innovative design solutions has been the temporary and permanent relocation of several utility systems. These systems are live and provide critical infrastructure support for numerous adjacent facility including the adjacent UW Medical Center. Other civil engineering design elements include: site grading; frontage improvements; utility services; building horizontal control; foundation and underslab drainage; and construction support services. ***The project will be seeking LEED Silver certification.***

Seattle Public Schools Seismic, Green Energy and Roofing-Adams Elementary, Seattle, WA
Civil Principal-in-Charge for this renovation and upgrade project at Adams Elementary School. Civil work included the location of the geothermal well field, utility work to serve the well field, asphalt paving to increase the hard-play area, site fencing revisions and green stormwater infrastructure.

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CITY OF SEATTLE EXPERIENCE

King County International Airport Demolition Cost Estimate

King County International Airport 15th Avenue Vacation

University of Washington Baseball Team and Fan Services Buildings

Aegis on Galer

Aegis at Queen Anne

The Laundry

Southwest Police Precinct

Fremont Block 40

Fred Hutchinson Cancer Research Center Phase II

International District Village Square Phase II

Confidential Corporate Research and Technology Center

Seattle Monorail Utility Investigations

Lumen Mixed-Use (500 Mercer)

UW Benjamin D. Hall

Temple Beth Am

UW Educational Outreach Building

200 West Highland Drive

UW 34W Site Restore Project

BRE Capitol Hill

Providence Medical Office Building at 18th and Jefferson

Western Washington University
Buchanan Towers Addition, Bellingham,
WA LEED Silver

Project Manager on a project with a site area of 2 acres that includes a 36-stall parking lot. Unique challenges associated with the site development included **designing rain-gardens to provide stormwater quality treatment without the benefit of infiltration through the existing subgrade**; grading the site to accommodate ADA paths across a site with 25-feet of elevation difference; relocating campus-utility mains to a centralized utility corridor to maximize building footprint on a constricted site.

Rowley Properties Force Main Feasibility Study, WA

Design principal for a study to determine the feasibility of creating direct discharge via new force main between Rowley Properties and Lake Sammamish. The direct discharge concept allows stormwater from Rowley Properties to be collected and pumped directly to the lake and thereby avoiding nearly one million cubic feet of detention ponds being required at the property and **saving the owner nearly \$25 million in construction cost**. The study found the concept to not only be feasible but preferable from a land use and low impact development standpoint.

Washington State University Riverpoint Campus Master Plan, Spokane, WA
Project Manager for master planning services for Washington State University's 55-acre Riverpoint Campus. Civil work consisted of the evaluation of existing campus systems and providing recommendations for how those systems should be revised or updated to meet the needs of the future, built-out, campus. KPFF evaluated the campus water, sewer, storm and gas systems as well as the material delivery and emergency access paths through campus. As required by the City of Spokane Stormwater Code, specific consideration was given to sustainable options for stormwater use.

200 West Highland Drive, Seattle, WA
Project Manager for civil engineering services for a five-story urban residential project with one level of below-grade parking located across from Kerry Park on Highland Drive. Design included sidewalk,

frontage improvements, utilities, sidewalk improvements, frontage improvements, and drainage design. Due to unique grading issues, significant coordination with City of Seattle permitting staff was undertaken.

WSU Paul G. Allen School for Global Animal Health, Pullman, WA LEED Silver
Project Manager for a 40,000 SF research lab situated on a hillside in the Veterinary Teaching Complex of the WSU Pullman Campus. The project location requires expansion of the regional utility networks to serve the development. This includes: 485 lineal feet of steam utilidor; 1,920 lineal feet of chilled-water pipe; 900 lineal feet of electrical ductbank (16, 4" ducts); and 1,275 lineal feet of potable water. The project provided upgrades to a regional water quality and detention facility to serve not only this project but the build out 20-year master plan for the entire drainage basin. Additionally, **the site was designated as a testing facility for various stormwater LID measures including porous pavements and biofiltration basins**.

Other civil engineering elements included: site grading; sanitary sewer service to the structure; storm drainage collection system for the site; building and site horizontal control; foundation and underslab drainage; and construction erosion control.

Anthem on 12th, Seattle, WA

Project Manager for this project on a Seattle Housing Authority parcel located in the Capital Hill neighborhood and has been dubbed "The Gateway" to Yesler Terrace. The development consists of a six-story mixed-use structure with five levels of residential over one level over commercial space on a 0.5 acre parcel. Civil engineering design consists of providing site grading; frontage improvements along adjacent roadway; sanitary sewer and water services to the structure; storm drainage collection system for the site; building horizontal control; foundation and underslab drainage; and construction erosion control. **Green stormwater infrastructure (GSI) requirements in the right-of-way were met by converting all planters to bio-infiltration zones and directing adjacent walkways to those discharges. GSI requirements on-site were met by a combination of green-roofs, large bio-filtration planters and on-site landscape areas.**

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Aegis at Rodgers Park, Seattle, WA
Project Manager for this assisted living facility located in the Queen Anne neighborhood. The development consists of a three story structure situated on an approximate 1.7 acre site. Civil engineering design consists of providing site grading; frontage improvements along adjacent roadway; sanitary sewer and water services to the structure; storm drainage collection system for the site; building horizontal control; foundation and underslab drainage; and construction erosion control.

Aegis on Madison Assisted Living Community, Seattle, WA
Project manager for civil engineering services for 32 communities in three states. Project scope includes services include right-of-way improvements along street frontages; water and sewer utilities; **green stormwater infrastructure**; and undergrounding primary power and communication infrastructure around the site. Additionally, surface water from the majority of the on-site area is collected and discharged to a centrally located bio-filtration planter thereby reducing project detention volume by nearly one-third.

University of Washington Benjamin D. Hall, Seattle, WA
Project Manager for a 126,100 SF, five-story lab building located on a University owned full-block site at the west end of the campus adjacent to the Burke-Gilman Trail and one block north of Lake Union. Included is a 155-stall below-grade parking garage to replace existing surface parking. Civil engineering services include erosion control, grading and drainage, stormwater mitigation, utility design and general site development. Project challenges included protection of the adjacent King County Metro 108-inch sewer trunk main and a 200 foot extension of the City's storm sewer main to serve the development.

Lynndale Elementary School Replacement, Edmonds, WA
Design Principal for the replacement of Lynndale Elementary School. The project includes the replacement of the existing Lynndale Elementary with an approximately 65,000 SF structure. Civil design includes such elements as: site vehicular and pedestrian access including student pick-up and drop-off areas; utility services to the building; treatment for both storm water quality and flow control; foundation and underslab drainage; and construction erosion control. All stormwater from the site will be fully infiltrated into the soil via a series of Underground Injection Control (UIC) wells. No stormwater will leave the site.

Sherwood Elementary School Traffic and Pedestrian Safety Improvement, Edmonds, WA
Design principal and prime consultant to improve pedestrian safety and reduce traffic congestion in and around the school site. By incorporating current queuing theory as well as state-of-the-science elementary school drop off methodologies we were able to improve pedestrian safety, reduce parent queuing times, and fully separate school bus and parent vehicular movements. KPFF led discussions and multiple public meetings with where we present options and obtained public feedback for incorporation into and betterment of the design. KPFF was prime consultant managing a team of subconsultants including: traffic design; landscape architecture; survey; lighting; and structural engineering.

Seattle Design Commission

March 2016

Ten members:

Appointed by the Mayor, confirmed by the City Council who serve a term of two years (*may be reappointed once*)

- 2 Licensed Architects
- 1 Fine Artist
- 1 Member at Large

And at least one and no more than two from the following categories:

- Professional Urban Planner
- Professional Environmental or Urban Designer
- Landscape Architect
- Licensed Engineer, plus
- 1 Get Engaged participant (City/YMCA program)

All appointments are subject to City Council confirmation. (Chair is also appointed by Mayor for a *one-year* term, confirmed by City Council.)

D*	G	Position No.	Name	Appointed	Term Ends	Term #	Position	Appointed By
6	F	1	Brodie Bain	3/1/15	3/1/17	2	Urban Planner	Mayor
6	M	2	Theo Lim	10/1/15	10/1/16	1	Get Engaged	Mayor
6	M	3	Thaddeus Egging	3/1/16	3/1/18	2	Engineer (Civil/Surface Water)	Mayor
6	M	4	Shannon Loew	3/1/15	3/1/17 (Chair, 3/1/17)	2	At Large - Developer (Chair)	Mayor
6	M	5	Lee Copeland	3/1/16	3/1/18	2	Architect	Mayor
3	M	6	Rachel Gleeson	5/7/15	3/1/17	1	Landscape Architect	Mayor
5	M	7	John Savo	3/1/15	3/1/17	1	Architect	Mayor
6	M	8	Benjamin William de Rubertis	3/1/16	3/1/18	1	Urban Designer	Mayor
6	M	9	Ross Tilghman	3/1/13	3/1/17	1	Planner (Civil/Transportation)	Mayor
5	F	10	Laura Haddad	3/1/16	3/1/18	1	Fine Artist	Mayor

***Diversity**

		(1)	(2)	(3)	(4)	(5)	(6)			
	Men	Women	Vacant	Minority	Asian-American	African-American	Hispanic Latino/a	Native-American	Other**	Caucasian
Mayor	7	3			1				1	8
Council										
Total	7	3								10

**Other includes diversity in any of the following: race, gender and/or ability