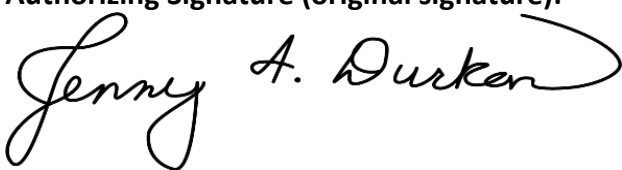




City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: Charles E. Beck, PE		
Board/Commission Name: Construction Codes Advisory Board		Position Title: Member—Electrical Engineer, Position 6
<input type="checkbox"/> Appointment OR <input checked="" type="checkbox"/> Reappointment		City Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> City Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>		Term of Position: * 6/2/2018 to 6/1/2021 <input type="checkbox"/> <i>Serving remaining term of a vacant position</i>
Residential Neighborhood: District 5, North Seattle, Broadview	Zip Code: 98177	Contact Phone No.: [REDACTED]
Background: Charlie brings decades of experience to the electrical engineer position on the Construction Codes Advisory Board. His diverse career includes 30 years as a Project Manager and senior Electrical Engineering consultant as well as serving as the designer of record and chief engineer over several design /build projects in support of electrical contracting companies. He has designed power and lighting control systems for mixed-use high-rise buildings, universities, hospitals, research laboratories, marine terminals, airports, military facilities, and correctional institutions. He currently employed with the Design Engineering Branch of the Seattle District offices of the US Army Corps of Engineers designing electrical systems and providing construction support for infrastructure and building projects at US military bases throughout the Pacific Northwest. He is a LEED AP (accredited professional) and has published 20 papers in Institute of Electrical and Electronic Engineers (IEEE) journals and various conference proceedings.		
Authorizing Signature (original signature):  Date Signed (appointed): 8/13/20		Appointing Signatory: Jenny Durkan Mayor

*Term begin and end date is fixed and tied to the position and not the appointment date.

CHARLES E. BECK, P.E., LEED AP



EDUCATION AND PROFESSIONAL AFFILIATIONS

BS, Electrical Engineering, University of Notre Dame.

MS, Electrical and Computer Engineering, Illinois Institute of Technology.

Licensed Professional Engineer: WA.

LEED Accredited Professional.

Washington State (01) Electrical Administrator.

Senior Member, Institute of Electrical and Electronic Engineers (IEEE).

Member, City of Seattle's Construction Code Advisory Board (CCAB).

SUMMARY

Currently serving in the Design Engineering Branch of the Seattle District offices of the US Army Corps of Engineers. Performs electrical designs and provides construction support for infrastructure and building projects at US military bases throughout the Pacific Northwest.

Over thirty years as a Project Manager and senior Electrical Engineering consultant. Performed electrical design and analysis for systems operating from 120 to 25,000 volts. Created design drawings and specifications, used AutoCAD to generate one-line diagrams and electrical floor plans, performed service load calculations and power systems analyses, provided support during bidding and construction, and performed field verifications of as-built conditions. Designed power and lighting control systems for mixed-use high-rise buildings, universities, hospitals, research laboratories, marine terminals, airports, military facilities, and correctional institutions.

Served as the Chief Engineer in the design/build group of an electrical contracting company. Also served as the Designer of Record for several design/build projects in support of electrical contracting companies. Managed multiple, simultaneous projects involving all engineering disciplines, with project schedules ranging from under a week to over two years. Supervised large groups of technical personnel of diverse experience and backgrounds. Responsible for marketing, determining project scope, schedule, and budget, negotiating contracts, writing proposals, executing all contract requirements, and maintaining good client relations. Worked as an independent consultant under my own company for two years.

Served on active duty in the US Navy for nine years. Retired from the US Navy Reserve with the rank of Commander.

Published twenty papers in IEEE journals and various conference proceedings.

SAMPLE OF PROJECT EXPERIENCE

Lead electrical designer for a 4,000 square foot (SF) Aircraft Engine Testing and Evaluation Facility, Joint Base Lewis McChord (JBLM), WA.

Electrical Project Engineer for a three story, 80,000 SF, 150 unit housing project for a Special Operations Forces training group, Fairchild Air Force Base, WA.

Lead electrical designer for a 10,000 SF Aircraft Parts Warehouse, JBLM, WA.

Lead electrical designer for a 100,000 SF Parachute Rigging Facility, JBLM, WA.

Project Manager and lead electrical designer for the renovation of entire floor of an office building to serve a financial services company. Tacoma, WA.

Project Manager and lead electrical designer for a tenant improvement in two buildings, including a dining facility, for a law firm. Silicon Valley, CA.

Electrical designer for a Central Utility Plant that included two 2.5 MVA generators and paralleling switchgear to serve all backup power needs for a hospital complex. Auburn, WA.

Electrical designer for four high-rise buildings: one hotel, one mixed use (retail, office, and residential), and two offices. Seattle, WA.

Project Manager and lead electrical designer for the replacement of service equipment, including new switchgear, switchboards, and distribution boards, for a maintenance and training building. Naval Air Station, Whidbey Island, WA.

Electrical designer for an infrastructure project that supported the development of a 60-acre parcel of land. JBLM, WA.

Electrical designer for a design/build project that constructed a military personnel housing complex, including a residential building and containerized living units. Djibouti, South Africa.

Electrical designer for a design/build extension to an operations building, Fort Gordon, GA.

Electrical designer for a new 160,000 square foot lab building, University of Washington.

Electrical designer for two lab buildings, an administrative building, and an auditorium, Thuwal, Saudi Arabia.

Electrical designer for the construction of a six-building laboratory complex, Pacific Northwest National Laboratories, Richland, WA.

Construction Codes Advisory Board

13 Members: Pursuant to Section 105 of the Seattle Building Code, all members subject to City Council confirmation, 3-year terms:

- 13 Mayor- appointed

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	m	n/a	1.	Electrical Contractor	Joe Tremblay	6/2/2019	6/1/2022	1	Mayor
6	m	n/a	2.	Commercial Building Owner/ Operator	Bill Babbitt	6/2/2019	6/1/2022	1	Mayor
6	m	n/a	3.	General Public	Robert Steven Lane	6/2/2019	6/1/2022	3	Mayor
1	f	2	4.	Developer or Bldr of Res Property	Lily Iftner	6/2/2019	6/1/2022	1	Mayor
6	m	6	5.	General Contractor	Finnegan Wetterau	6/2/2018	6/1/2021	1	Mayor
6	m	5	6.	Electrical Engineer	Charles E. Beck	6/2/2018	6/1/2021	2	Mayor
6	m	n/a	7.	Res. Building Owner/ Operator	Lachlan Pries Foss	6/2/2018	6/1/2021	2	Mayor
6	f	7	8.	General Public	Judy Tucker	6/2/2018	6/1/2021	2	Mayor
6	m	n/a	9.	Mechanical Engineer	Eric Vander Mey	6/2/2018	6/1/2021	3	Mayor
6	m	5	10.	Structural Engineer	Greg Gilda	6/2/2018	6/1/2021	3	Mayor
6	m	n/a	11.	Architect	Jim Safranek	6/2/2018	6/1/2021	3	Mayor
6	m	6	12.	General Public	Jamie P. Yengel	6/2/2018	6/1/2021	1	Mayor
6	m	n/a	13.	Organized Labor	Joel Crabtree	6/2/2018	6/1/2021	2	Mayor

SELF-IDENTIFIED DIVERSITY CHART

					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Male	Female	Transgender	NB/ O/ U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
Mayor	10	3			1					12			
Council													
Other													
Total													

Key:

- *D List the corresponding *Diversity Chart* number (1 through 9)
 - **G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary, O= Other, U= Unknown
 - RD Residential Council District number 1 through 7 or N/A
- Diversity information is self-identified and is voluntary.*