

City of Seattle  
Notice of Appointment

2013 AUG 16 AM 11: 23

<b>Name:</b> <i>Andrew Lee</i>		<input checked="" type="checkbox"/> Executive Appointment <input type="checkbox"/> Reappointment <input type="checkbox"/> Legislative Appointment <input type="checkbox"/> Agency Appointment <input type="checkbox"/> PDA Council <input type="checkbox"/> PDA Constituency
<b>Residential Neighborhood:</b> <i>Stevens</i>	<b>Zip Code:</b> <i>98112</i>	<b>Contact Phone No.:</b> <i>N/A</i>
<b>Appointed to:</b> <i>Living Building &amp; Deep Green Pilot Technical Advisory Group</i>		<b>Date of Appointment:</b> <i>August 15, 2013</i>
<b>Authority (Ord., Res.):</b> <i>Resolution 31400</i>		<b>Term of Office:</b> <b>From:</b> <i>Confirmation</i> <b>To:</b> <i>8/31/15</i>
<b>Background:</b> <p>Andrew Lee is a consultant with Paladino and Company, a sustainability consulting firm in Seattle. With a background in architecture and building science, Andrew provides project teams with sustainability concept leadership and technical support on topics such as energy optimization, integrated systems design, renewable energy systems, and sustainability valuation. He has led over 40 projects through the LEED certification process and assisted teams in achieving high aspiration goals such as Platinum certification and net zero energy. Andrew is an experienced eco-charrette facilitator and has provided professional trainings for organizations such as the Green Building Certification Institute, Sustainable Building Advisor Institute, and the Association for General Contractors. He is currently Chair of the Seattle Living Building Collaborative and a trained Living Building Ambassador in Seattle, WA. With his experience in building systems and team facilitation, Andrew provides diverse technical expertise in performance evaluation and a broad understanding of community engagement to the Living Building and Deep Green Pilot Technical Advisory Group.</p>		
<b>Authorizing Signature:</b> 		<b>Name and Title of Officer Making Appointment:</b> <i>Mayor Mike McGinn</i>



# Andrew C. Lee LEED AP

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## EXPERIENCE

### **Paladino and Company**

**Seattle, WA**

(2004, 2005-Present) *Consultant, Associate Consultant, Intern*

- Led project team visioning for sustainability: hosted eco-charrettes and authored guidance documents to distill sustainability concepts
- Managed team analytical studies: energy models, daylight simulations, light models, total cost of ownership evaluations
- Developed custom calculation tools to evaluate efficiency measures, renewable energy technologies and green building design strategies
- Managed the LEED certification process for over 50 projects at all levels (up to Platinum)
- Guided architects and engineers in applying building performance standards such as ASHRAE 90.1, Advanced Buildings Core Performance, IESNA RP-33, and ASHRAE 62
- Developed and led over 40 professional trainings for sustainable construction practices, passive design, LEED application review and analytical design management
- Trained LEED Certification Body reviewers for the Green Building Certification Institute
- Presented on sustainability topics at numerous conferences and professional gatherings
- Assisted in proposal development and client interviews for new projects

### **Integrated Building and Construction Solutions (IBACOS)**

**Pittsburgh, PA**

(2003) *Building America Intern*

- Ran energy simulations and assisted in systems design of single-family home prototypes
- Developed contractor training presentations on residential construction best practices
- Assisted in physical testing of building tightness (blower door, duct leakage)

### **U.S. Department of Energy Solar Decathlon Competition**

**Washington, D.C.**

(2001-2002) *Team Leader, Carnegie Mellon University*

- Led 30+ student team in the design and construction of a modular net-zero solar home
- Ran energy simulations, sized and installed solar systems, assisted in home fabrication

## EDUCATION

### **Master of Building Science**

**Los Angeles, CA**

(2005) *University of Southern California*

- Thesis: *Climatic Alignment of Architectural Design Strategies Through an Analysis of Native Plants in Southern California*

### **Bachelor of Architecture**

**Pittsburgh, PA**

(2003) *Carnegie Mellon University*

- Awards: Alpha Rho Chi Medal, Design Studio Commendation

## ASSOCIATIONS & VOLUNTEERING

**International Living Future Institute** (2012-present) Living Building Ambassador, Facilitator

**Seattle Living Building Challenge Collaborative** (2012-present) Chair

**Cascadia Green Building Council, Seattle Branch** (2013) Committee Member

**Biomimicry Puget Sound** (2012-present) Member

**Society of Building Science Educators** (2008-2010) Member

CREDENTIALS

**NCARB** (2012) Architectural Registration Examinations completed, IDP in progress  
**LEED Accredited Professional** (2004) U.S. Green Building Council  
**Eagle Scout** (1998) Boy Scouts of America

SELECTED PRESENTATIONS

**Association of Children's Museums, InterActivity Conference** (2013) Session Panelist  
**U.S. Green Building Council, Greenbuild Conference** (2009) Session Moderator  
**Sustainable Building Advisor Institute** (2008, 2009, 2010) Guest Speaker  
**American Society of Professional Estimators** (2009) Guest Speaker.  
**American Solar Energy Society, SOLAR 2008 Conference** (2008) Technical Paper Presenter  
**Associated General Contractors of America** (2005) Green Building Education Presenter

SELECTED PROJECTS

**Net Zero Energy Retail Bank Project** **Fort Lauderdale, FL**  
(2009-2013) *Technical Lead, Consultant Project Manager*

- Advised team in early evaluation of net zero feasibility; reviewed sites, recommended regionally appropriate energy efficiency strategies, advised on DOE grant requirements
- Calculated output for ground and roof mounted PV arrays, recommended module types
- Calculated lifespan cost for LED lighting, assisted in defining performance specifications
- Authored sustainability narrative; articulated educational message and marketing strategy

**U.S. Department of State, Overseas Building Operations** **Southeast Asia**  
(2008) *Technical Team Lead*

- Led a 10-person consultant team to evaluate the site feasibility and lifecycle costs of solar, wind, geothermal, low impact development (LID), and energy efficiency options
- Authored memo on LID and green roof strategies; evaluated site feasibility and benefits
- Coordinated lifecycle cost analysis of combined strategies for an embassy compound

**Sound Transit, Sustainability Team** **Seattle, WA**  
(2011-2012) *Technical Lead, Project Manager*

- Led research into alternative bus fuel technologies and permeable surface treatments
- Authored paper on technological and operational implementation within Sound Transit
- Developed interactive total cost of ownership tools for Sound Transit financial analysts

**Seattle Public Utilities, Water Infrastructure** **Seattle, WA**  
(2007-2008) *Lead Author, Research Collaborator*

- Authored technical white paper on policy and technical implementation of onsite wastewater treatment systems
- Advised client on regulatory benefits and risk of distributed wastewater treatment

**PNC Bank Green Branch® Program** **Eastern United States**  
(2005-2012) *Owner Representative for Green Building Practices, LEED Consultant*

- Guided evolving green design standards for a national branch bank program
- Helped design team incorporate performance standards into models and specifications
- Developed LEED contractor training program: presentations, tracking tools, material lists
- Managed LEED certification of 50+ retail banks under LEED-NC, CI, and Retail Volume

Work samples and references available upon request

# Living Building and Deep Green Technical Advisory Committee

*August 2013*

10 members - 5 standing members & 5 alternates: Per *Resolution 31400*, all appointed by the Mayor and subject to City Council confirmation, terms are unofficially set at 2-years, but not specified by the Resolution.

- 10 Appointed by Mayor

D*	G	Position No.	Name	Appointed	Term Ends	Term #	Position	Appointed By
6	F		Amanda Sturgeon	8/15/13	8/31/15	1	Member	Mayor
1	F		Amarpreet Sethi	8/15/13	8/31/15	1	Member	Mayor
6	M		Andrew Lee	8/15/13	8/31/15	1	Member	Mayor
6	M		Chris Webb	8/15/13	8/31/15	1	Member	Mayor
6	F		Colleen Mitchell	8/15/13	8/31/15	1	Member	Mayor
6	M		Donald Horn	8/15/13	8/31/15	1	Member	Mayor
6	M		Joe Giampietro	8/15/13	8/31/15	1	Neighborhood Community Council Mem.	Mayor
6	F		Nancy Henderson	8/15/13	8/31/15	1	Member	Mayor
6	M		Tom Marseille	8/15/13	8/31/15	1	Member	Mayor
6	M		Tom Nelson	8/15/13	8/31/15	1	Member	Mayor

### \*Diversity

	Men	Women	Vacant	Minority	(1) Asian-American	(2) African-American	(3) Hispanic Latina/o	(4) Native-American	(5) Other**	(6) Caucasian
<b>Mayor</b>	6	4		1	1					9
<b>Council</b>										
<b>Other Bodies</b>										
<b>Total</b>	6	4	0	1	1	0	0	0	0	10

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