# Exhibit C EXPERT WITNESS RESUMES

Board of Zoning Adjustment District of Columbia CASE NO.19971

# Lightbox

# Paul Lanning Founder, Managing Director

### EXPERTISE

- Program Management
- Financial Analysis
- Cleantech Deployment
- Energy Modeling

# **CREDENTIALS** and **BACKGROUND**

- Master of Business Administration, University of Denver
- Bachelor of Arts, University of Denver

Paul has more than a decade of experience in technology, energy, and sustainability program management. Prior to founding Lightbox, Paul served as Vice President and Director of Energy and Sustainability Services for Bluefin, a national roof asset management company. Paul is a cleantech innovator with a background in business ethics and leadership. Paul serves on the National Renewable Energy Lab (NREL) Solar PV O&M Advisory Working Group.

## NOTABLE PROJECTS

- SmartRoof Program, District of Columbia Department of General Services Serving as overall program manager for the nation's first comprehensive roof-based cleantech implementation, deploying solar PV, cool roofs, and vegetated roofs, to the greatest extent feasible, on District government buildings.
- Penn State University

Managed a solar PV feasibility and capital planning process for the entire Penn State University real estate portfolio. Served as project principal, leading a cross-discipline team in performing site feasibility scoring, solar modeling, financial savings analysis, and procurement strategy recommendations.

• Washington Metropolitan Area Transit Authority

Performed solar site and rooftop analysis for the entire WMATA real property portfolio. Contributed to the development of the procurement strategy and the request for proposals to procure the solar systems. Served as project principal / program manager.

Capital Solar Challenge

President Obama charged the Department of Energy (DoE) and the General Services Administration (GSA) with developing onsite solar PV systems on Federal rooftops. As special consultant to NREL/GSA, Paul performed technical feasibility, and helped guide project finance strategy and RFP development.

• U.S. Air Force Roof Asset Management Program

As program manager, Paul led the development and implementation of a roof asset management program, including energy audits and retrofits, on 75mm ft<sup>2</sup> of roof area.





★ LANDSCAPE ARCHITECTURE ★ S





#### KYLE U. OLIVER, PE Owner Member / Principal Associate

#### YEARS OF EXPERIENCE: 30

Mr. Oliver has overseen, directed and managed more than 350 residential, mixed-use, hotel, public park, rehabilitation, and commercial developments in the District of Columbia. He is a licensed Professional Engineer in the District of Columbia and Virginia. Mr. Oliver's experience includes providing: BZA's and PUD's(rezonings), civil master planning, complete site/civil engineering plans; infrastructure, roadway, pavement, sewer, water, storm drainage, and, stormwater management plans; grading plans; erosion and sediment control plans; environmental assessments; and, feasibility analyses.

#### AREAS OF PROFESSIONAL COMPETENCE:

- Planning and civil design of redevelopment, rehabilitation, and new development projects
- Low Impact Development (LID) design of stormwater management systems and civil and landscape site design elements
- Hydrology analysis
- Research, planning and design of storm drainage systems and stormwater management facilities, flood plain analysis, and storm drain systems
- Design of sanitary sewer systems and water supply systems
- Design of soil erosion and sediment control programs
- Preparation of plans processing and jurisdiction approval
- Maintenance of traffic plans
- Planning and design of residential and commercial redevelopment and rehabilitation projects
- Construction administration and evaluation of infrastructure, residential, commercial and government projects
- Roadway designs

#### **PROFESSIONAL DEGREES AND REGISTRATIONS, YEAR OBTAINED:**

Bachelor of Science, Civil Engineering, Virginia Military Institute, 1987 District of Columbia — Registered Professional Engineer #9007700, 2003 Virginia — Registered Professional Engineer #032744, 1999

#### **PROFESSIONAL ACTIVITIES:**

NAIOP, Commercial Real Estate Development Association, Member District of Columbia Building Industry Association, Member