

# WALTER BRONER, RA, CDT, LEED AP

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**Experienced, Knowledgeable Leader**

## CAREER SUMMARY AND ACHIEVEMENTS:

In my many years of experience in the profession, I have excelled at virtually all aspects of architectural practice. I have gained expertise in a wide range of building types, primarily involving complex Science and Technology buildings, but also in a variety of commercial, institutional, and recreational projects.

I lead by example – by working hard *and* smart. I inspire with my natural enthusiasm. I diffuse potentially tense client meeting situations using humor and sympathy. I mentor interns gently but firmly. I value young architects' graphic skills, and, in turn, challenge them to learn more about the less-obvious aspects of the practice. Not content to be left behind in terms of production technologies, I have whole-heartedly embraced this new world of digital architectural practice. I am equally comfortable with using SpecLink specification software and creating BIM documents in Revit.

At BSD, where I currently work, I have improved the quality of many specification sections using the decades of broad experience of finding practical, constructible solutions to all manner of technical and design challenges.

I can bring great value to any firm or organization, while functioning in a recognized leadership position. A versatile team player, I can contribute in many areas of practice by wedding strategic thinking with detailed knowledge of everyday tactics needed to achieve design results and business profitability.

## PROFESSIONAL EXPERIENCE:

**Building Systems Design, Inc. (BSD)** 01/2017 – Present Architectural Professional Content Designer

*Responsibilities: Development of new content primarily for Divisions 00 and 01; QA/QC Reviews, integration of specifications with BIM.*

**LSY Architects (LSY)** 07/2010 – 06/2011, 02/2013 – 12/2016 Senior Architect

*Responsibilities: Project management, QA/QC Reviews, specifications writing, improvement of Revit deployment in the firm, construction problems troubleshooting.*

**Lord, Aeck & Sargent (LAS)** 01/2007 – 12/2009 Principal, Science Studio

*Responsibilities: Co-leadership of Studio, business development (proposal preparation and presentations, visits with potential clients), staff mentoring and internal technical presentations, Principal-in-Charge for multiple projects (client presentations, setting of fees and determining project plans and staffing, responsibility for financial results), lead planner on multiple projects, QA/QC reviews of major projects, strategic and space utilization planning for University of Houston College of Natural Sciences and Mathematics, specification writing.*

**Hillier Architecture (now RMJM)** 09/1989 – 12/2006 Associate Principal, Science Studio

*Responsibilities: Primary planner and laboratory designer for multiple STEM projects, business development (client presentations), specifications writing, project manager and/or project architect for multiple projects (determining project plans and staffing), developed and supervised maintenance of firm-wide CADD library, member of the firm's Technical Quality Assurance Committee, conducted due-diligence surveys/prepared reports, participant in planning and strategic planning teams, construction document set organization and detailing, submittal reviews and field observation visits/reports, code compliance research and documentation*

**Kehrt, Shatken Sharon (KSS)** 12/1986 – 08/1989 Project Architect/Manager

*Responsibilities: Project architect/and or project manager, construction document set organization and detailing, code compliance research.*

**Johnson Jones/Short & Ford (JJ)** 05/1985 – 11/1986 Project Architect

*Responsibilities: Project architect for exterior elements of NJ State House renovation project (developed historically accurate and/or consistent detailing, coordinated scope with engineering disciplines).*

**Hellmuth, Obata & Kassabaum, NYC (HOK)** 08/1983 – 04/1985 Project Architect

*Responsibilities: Project architect for various projects, detailing, space planning, code compliance research.*

**Richard Dattner, Architect (Dattner)** 09/1979 – 07/1983 Staff Architect

*Responsibilities: Project architect for small projects (variety of building types and conditions), detailing, code compliance research, submittal reviews and field observation visits/reports, model making, preparation of presentations.*

**REGISTRATIONS AND PROFESSIONAL AFFILIATIONS:**

Georgia (since 2009). *Originally licensed in New Jersey, beginning in 1982*

LEED (2.2) Accredited Professional, July 2007

CSI member 1994-2009 and 2017-present.

President of Princeton Chapter 1997-2001

**PUBLICATIONS:**

"Demystifying Fluid-Applied Flooring Selection For Vivaria", ALN magazine, *September 2007*

[www.laboratoryequipment.com/article/2007/08/demystifying-fluid-applied-flooring-selection-vivaria](http://www.laboratoryequipment.com/article/2007/08/demystifying-fluid-applied-flooring-selection-vivaria)

"Coordinating IVC Racks With Building's HVAC Systems: Ships Passing In The Night?", ALN Magazine, *July/August 2008*

[www.laboratoryequipment.com/article/2008/06/coordinating-ivc-racks-buildings-hvac-systems-ships-passing-night](http://www.laboratoryequipment.com/article/2008/06/coordinating-ivc-racks-buildings-hvac-systems-ships-passing-night)

**PRESENTATIONS:**

New and Retrofit Laboratories – Impact of Codes and Regulations, Labwise Laboratory Design 2007 Conference  
HVAC Systems & Laboratory Design, Eagleson Institute, Spring 2007

**COMPUTER SKILLS** (*I am equally comfortable on PCs and Macs*):

General: Word; Excel; PowerPoint, MS Project, InDesign, various image-processing and web-authoring tools.

BIM: Revit, Dynamo scripting.

Specifications writing and editing platforms used: SpecLink-E, MasterSpec.

**EDUCATION:**

Bachelor of Architecture Degree, Pratt Institute, Brooklyn, New York

## SELECTED MAJOR PROFESSIONAL ACCOMPLISHMENTS

### *Specification Design and Authoring*

**KEY/RECENT PROJECTS****Design Criteria Sections Suite**

*(BSD)* Primary QC reviewer of over 600 architectural and engineering specification sections intended for use in Canada.

**Proprietary Sections**

*(BSD)* Authored sections for major corporate clients that included complex product pre-selection lists, thereby enabling rapid generation of project-specific specifications.

**Laboratory Design Sections, Division 00 and 01 Sections**

*(BSD)* Authored laboratory fume hoods, BSCs, equipment and casework sections (*published*). Authored new suite of sections for Historical Preservation, Healthcare, and General Alterations projects (*awaiting publication*).

### *Healthcare Science-Technology/ Projects Clients (Higher Education and Commercial)*

**KEY PROJECTS****NIH Building 29B Renovation Design for NIAID and NICHD laboratories, Bethesda, MD**

*(LSY)* Project Manager and specifications writer for a 100,000 sq. ft. existing complex intended to be renovated on a limited budget. Design followed preparation of two separate fit-out options and three scope/budget scenarios. Also led teams documenting a number of small-scale, technically challenging lab and vivarium projects on the Bethesda Campus.

**Children's National Medical Center Clinical Laboratories Renovation Study, Washington, DC**

*(LSY)* Planning and Cost estimating study for a phased renovation at a 24/7 laboratory at a major pediatric medical center. Completed in a span of only one month, it provided the client with timely guidance on budgeting for capital renovations of an aging facility.

**Johns Hopkins Bloomberg School of Public Health North Wing Renovation, Baltimore, MD.**

*(LSY)* Project Manager and specifications writer for a nearly-complete renovation of a 50-year old 60,000 sq. ft. research building partially funded by an NIH ARRA Grant. Supervised a team of architects, designed exterior components of project and guided it through several NIH Design compliance reviews. Project is on track to achieve USGBC LEED CI Gold-level certification.

**National University of Singapore Yong Loo Lin School of Medicine, Singapore**

*(Hillier)* In addition to leading the firm's technical team for several Singapore projects, as Senior Project Architect for a three-building complex, 600,000 sq. ft. Medical and Nursing School, Vivarium (received Singapore version of Gold-level sustainable building certification), Research Tower successfully translated US expertise into facilities constructible in Singapore's tropical climate and regulatory environment.

**Alexandria Real Estate Equities** East River Science Park Biomedical Campus, New York, NY

(Hillier) For the Privately-financed campus of buildings for biomedical technology and translational research, as Senior Laboratory Planner for this 600,000 sq. ft. complex of leased laboratory tenant areas with central support and amenity spaces, developed model space layouts and lab planning standards.

**Yale University** Science Hill Master Plan – 1994-2000 New Haven, CT

(Hillier) As one of the Planners, concentrated on documentation and evaluation of existing facilities on Science Hill for continued viability for planned re-purposing. This was a key part of Master Plan analysis for all science buildings at the University.

**Educational/Recreational Projects Clients**

**Columbia University** Baker Field Stadium, New York, NY

(Dattner) Project technical coordinator and detailer for a 10,000-seat grandstand facility at a new football stadium.

**Peddie School** Science Building, Hightstown, NJ

(Hillier) Science Curriculum classroom/lab planner for 35,000 sq. ft. private school instructional building.

**The College of New Jersey** Music Building, Ewing, NJ

(Hillier) Project Architect for Music Building, a 50,000 sq. ft. music education and performance facility. Planning and detailing of main administrative building and of a student union.

**Offices/Commercial Projects Clients**

**Estee Lauder Company** Automated Storage/Retrieval Warehouse and Offices, Melville, NY

(Dattner) Staff Architect collaborating with senior architects on a 120,000 sq. ft. high-tech warehouse facility.

**Libraries Projects Clients**

**New York City Public Library** Eastchester Branch (the Bronx), New York, NY

(Dattner) Staff Architect, collaborating with senior architects on a 20,000 sq. ft. branch library.

**Other Projects and Significant Wins**

Industrial park projects in NJ (KSS), Various Vivarium facility projects (LSY), NJ State House Renovations (JJ), South Hills Mall Addition (HOK), Mercer County Community College Art Gallery (KSS),

