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2021 AIA Fellowship

Candidate David Hollenberg
Organization University of Pennsylvania, Facilities and Real Estate Services (retired), Weitzman School of Design
Location Philadelphia, Pennsylvania
Chapter AIA Pennsylvania; AIA Philadelphia

Category of Nomination

Object 4 > Industry Organizations

Summary Statement

As an architect-client, David Hollenberg has guided the creation and preservation of nationally acclaimed buildings and spaces, uniting the architecture profession's highest aspirations for memorable placemaking, cultural significance, sustainability, effective functionality, and superior craft.

Education

1971 - 75 University of Pennsylvania, Graduate School of Fine Arts
Philadelphia, Pennsylvania
M. Arch

1967 - 71 Columbia University
New York, New York
B.A., Art History
Magna Cum Laude, Phi Beta Kappa

Licensed in:

Pennsylvania

Employment

University of Pennsylvania, Stuart Weitzman School of Design
Philadelphia, PA
Adjunct Professor, 9/2018-present
Lecturer, 9/1988 - 9/2018

University of Pennsylvania, Facilities and Real Estate Services
Philadelphia, PA
University Architect, Special Projects, 7/2018 to 6/2020

University of Pennsylvania, Facilities and Real Estate Services
Philadelphia, PA
University Architect, 6/2006 to 6/2018

National Park Service, Northeast Region Office
Philadelphia, PA
5/1992-5/2006

Associate Regional Director, Design, Construction and Facility Management 9/2002 to 5/2006

Associate Regional Director, National Heritage Partnerships 5/1995 to 9/2002

Chief, National Register Programs Division 5/1992 to 5/1995

John Milner Associates, Inc.

West Chester and Philadelphia, PA

7/1975 to 5/1992

Vice President and Director, Department of Architecture, 1984-92



DREXEL UNIVERSITY

Antoinette Westphal
College of Media Arts & Design

Alan Greenberger
Department of Architecture, Design & Urbanism

October 5, 2020

Ms. Nancy Trainer FAIA
Chair, AIA 2021 Fellows Jury

Dear Ms. Trainer and Colleagues:

It is my great pleasure to sponsor David Hollenberg AIA who is applying for elevation to Fellow. I have known David for 34 years of his extraordinary 45-year career. Applying under Object 4, he has ensured advancement of the living standards of people through their improved environment in his 30-year tenure as an architect-client for two significant institutions – the National Park Service and the University of Pennsylvania. The impact of his work stretches from the local to the international. In every instance of his project leadership, David has advocated for the noblest aspirations of our profession: design excellence, memorable placemaking, sustainability, functionality and superior craft, all accomplished with a high level of professionalism and integrity.

As an architect, David focused on preservation. Early in his career while practicing with noted preservation architect, John Milner, David served on the Philadelphia Historical Commission. It was during this time that he came to appreciate the importance of public policy and the heightened role played by clients in achieving design excellence. He subsequently joined the National Park Service where he became the Northeast Region's Associate Regional Director for Design, Construction, and Facility Maintenance.

During that tenure, he oversaw projects from Maine to West Virginia. Most notable among them was the transformation of Independence Mall where he led four different teams of architects, landscape architects and planners, across seven projects, to a vision for a new, dynamic site honoring America's birthplace. He inspired and shaped the planning, design and overall coherence of several new buildings, new landscapes and city plan, a restored historic structure, and the repositioning of an American icon, the Liberty Bell.

His success with the National Park Service led to his appointment as the University Architect for the University of Pennsylvania, one of the nation's oldest and most distinguished universities and a nationally renowned urban campus. David has both preserved and transformed the Penn campus through his leadership on numerous projects, big and small, routine and extraordinary. His experience there is also shared with graduate students in the Preservation Program where, as a guest speaker in David's *Preservation Through Public Policy* seminar, I have witnessed his thoughtful and positive impact on future national and international leaders in the field.

I practiced with Mitchell/Giurgola and its successor, MGA Partners, for 34 years before becoming Philadelphia's Deputy Mayor for Planning and Economic Development. My work was in the public sector and, in private practice, largely at universities. I know firsthand the value of a great client – the guidance they provide, the vision they articulate, and the support they offer to an architect. Great work demands great clients, not simply for their patronage but for their design wisdom and managerial intelligence.

David is such a person. He was always the person whose advice I sought when, as Deputy Mayor, I needed guidance on matters of policy. I cannot think of another colleague who is more deserving of Fellowship. He is an example of the best our profession has to offer society. He has left a treasure trove of excellence as his legacy, one that is appreciated by millions of people who use the places he has touched.

Sincerely,



Alan Greenberger FAIA
Department Head and Distinguished Teaching Professor

1.0 SUMMARY

As an architect-client, David Hollenberg has guided the creation and preservation of nationally acclaimed buildings and spaces, uniting the architectural profession's highest aspirations for memorable placemaking, cultural significance, sustainability, effective functionality, and superior craft.

David Hollenberg's work has had significant national impact. In a 45-year career, he has been a determined voice for design excellence in the public realm. As University Architect at the University of Pennsylvania, he led the transformation of one of the nation's most beautiful and exemplary urban campuses. His previous work with the National Park Service burnished revered public places through thoughtful preservation and design -- work that in turn built upon years of private sector experience with preservation planning and the restoration and reuse of major architectural landmarks. With clarity, modesty and good will, he exemplifies the highest level of design leadership and commitment to excellence.

Place-making: Collaborating with superb design talent to create resonant, memorable public places

As University Architect from 2006-18, David's leadership profoundly transformed the University of Pennsylvania's lush urban campus. All *Penn Connects* Master Plan projects were completed under David's steady guidance, integrating high-performance buildings with landscapes, signage, and public art. He worked with highly esteemed planners, architects and landscape architects, encouraging their respective voices without losing sight of the campus as a totality. The range of extraordinary projects included award-winning new buildings and landscapes, intermingled with meticulous renovations and additions. David served throughout as Penn's ambassador to the design community and the public, welcoming change, while managing it with extreme care.

At the National Park Service from 1992-2006, David epitomized the contributions that an architect makes through public sector stewardship, especially during eight years devoted to the re-imagining of Independence Mall. A new public campus was created, combining preservation with new landscapes and buildings, with Independence Hall as its focal point and the Liberty Bell its iconic artifact. As catalyst for this ambitious urban vision, David was both advocate and protector, encouraging design excellence in its four major interdependent projects, all while fostering the integrity of the whole.

These experiences drew on David's lengthy private sector experience as Director of Architecture at John Milner Associates, a nationally recognized firm specializing in preservation, at which he was responsible for multiple groundbreaking projects in preservation planning and design. This experience was essential to making him an effective client, providing an irreplaceable empathy for and understanding of what architects do -- for their challenges and joys -- and for the need to join with each project's architect in pursuit of design quality.

Civic Leadership: Serving the public, to enrich individual sites and broad policy processes

David has served Philadelphia on several advisory groups and public commissions. Notably, Mayor Wilson Goode appointed him to the Philadelphia Historical Commission from 1985-1992, as Commissioner and as Chair of its Architectural Review Committee. He served as the "architect experienced in historic preservation" that the newly enacted ordinance required. David's sensitive negotiating of private property design proposals on behalf of the public were consistently effective; none were challenged. In his very visible role, his service solidified the Commission's procedural authority in its critical early years to exercise its new powers to serve as the manager of change it was intended to be. This experience gave David his first taste of the rewards of combining architecture and public service.

Nationally, David served as the National Park Service representative on the Phase 1 jury in the Flight 93 National Memorial's open design competition. He joined jurors including family members, design professionals and academics, reviewing approximately 1100 anonymous entries, and selecting five for further review by the Phase 2 jury. Now complete, it is one of the country's strongest memorials, integrating powerful modern architecture and landscape design. David's contributions to the site continued when the U.S. Secretary of the Interior appointed him to serve as a Commissioner on the Flight 93 Memorial Federal Advisory Commission.

Teaching: Demonstrating key pathways to being an architect and preservation professional

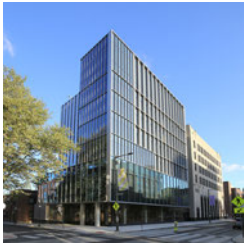
David has shared his rich experience in design and public policy through teaching since 1988 in Penn's Graduate Program in Historic Preservation. His well-regarded seminar, *Preservation Through Public Policy*, has analyzed the intersections between historic preservation, design and public policy, preparing his students to understand, question, and mold the policies that will underpin their work throughout their careers. David has also served as advisor to nearly one hundred Master's Thesis candidates, guiding them to become respected peers and colleagues through their own varied and remarkable professional successes, both nationally and internationally.

2.1

SIGNIFICANT PROJECTS

As Client: Restorations, Additions, Exploratory Rehabilitations

Role: University Architect, programming, architect selection, design leadership



Raymond O. Perelman Center for Political Science and Economics

University of Pennsylvania

Architect: KPMB Architects, Toronto, Ontario/Shirley Blumberg FRAIC, Principal

2018 Consolidating Penn's dispersed Political Science and Economics departments, PCPSE combines the renovation of a 1920's *moderne* bank building with a frankly contemporary addition of approximately the same volume. Old and new are fully integrated inside, with all social spaces made clearly legible through their distinctive use of wood walls and ceilings.

Awards: 2020 LEED Gold, USGBC
2020 Award of Design Excellence, Ontario Association of Architects
2019 Best of Canada, Canadian Interiors



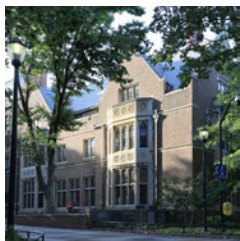
The Larry Robbins M&T Building

University of Pennsylvania

Architect: Studio Joseph, New York, NY/Wendy Joseph FAIA, Principal

2017 In the center of campus, this administrative and social home to Penn's esteemed interdisciplinary Jerome Fisher Program in Management and Technology combines two facades that cannot be seen at once -- the south, faithfully restored, and the north, clearly and cleanly contemporary. It embodies Penn's pervasive combination of excellent preservation and contemporary design.

Awards: 2019 Born Series, Award in International Architecture
2019 International Architecture Award, Chicago Athenaeum/European Center for Art and Design
2019 Certificate of First Award, Architectural Press, World Architecture & Design Awards
2018 Annual Design Honor Award, Adaptive Reuse/Historic Preservation, AIA NY
2018 New York State Honor Award, Society of American Registered Architects
2018 National Design Award, Society of American Registered Architects
2018 Global Architecture Design Award, Chicago Athenaeum
2018 Special Recognition, Architizer, International Competition
2018 LEED Gold, USGBC



The ARCH

University of Pennsylvania

Architect: SaylorGregg Architects, Philadelphia, PA/Peter Saylor FAIA, Principal

2014 At Penn's central intersection, Arts, Religion and Culture House (ARCH), was constructed in 1929 in a fashionable revival style as a white Christian men's club, and acquired by Penn c. 2000. In providing a new student center, this project completely restored its fine façades and interiors, and recreated the first floor's original axial plan. By weaving systems throughout a building that seemed unable to accommodate them, daunting code and program issues were solved. The ARCH now provides commodious spaces for Asian, Black, and Latino student groups.

Awards: 2016 LEED Silver, USGBC
2015 Grand Jury Award, Preservation Alliance for Greater Philadelphia

2.1

SIGNIFICANT PROJECTS

As Client: Restorations, Additions, Exploratory Rehabilitations

Role: University Architect, programming, architect selection, design leadership



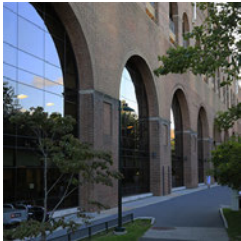
Golkin Hall

University of Pennsylvania

Architect: Kennedy Violich Architecture, Boston, MA/Frano Violich FAIA, Principal

2012 Golkin Hall is Penn Law's new light-flooded entrance building, appropriate to the School's stature and dignity -- welcoming the public, and showing off its treasured unifying quadrangle. It cleanly meets Silverman Hall, one of Penn's strongest historic buildings, and with equal respect shares its street with a fine stretch of National Register Italianate row houses. Provocatively connecting traditional and contemporary, Golkin expresses Penn Law's fundamental pedagogical ideals.

Awards: 2013 Brick in Architecture Best in Class, Higher Education category, Brick Industry Association
2013 LEED Gold, USGBC



George A. Weiss Pavilion at Franklin Field

University of Pennsylvania

Architect: Crawford Architects, Kansas City, MO/Stacey Jones, Principal

2010 Extensive development of Penn's eastern sector -- particularly Penn Park - necessitated involving its landscapes and buildings in ambitious place-making. Towards this end, Weiss Pavilion infilled Franklin Field's majestic arches with a refined curtain wall, exposing new recreation facilities and a café to the transformed landscape of Shoemaker Green (see Section 3.7). The architect's hunch about the possibility of unencumbered downward expansion, confirmed by research and exploratory excavation, doubled square footage while adding spatial grandeur to the project.

Awards: 2012 Grand Jury Award, Preservation Alliance for Greater Philadelphia
2012 Historic Preservation Award, Preservation Pennsylvania
2011 LEED Gold, USGBC

2.1

SIGNIFICANT PROJECTS

As Client: New Construction

Role: University Architect, programming, architect selection, design leadership, unless otherwise noted



Stephen A. Levin Building

University of Pennsylvania

Architect: SmithGroup, Detroit, MI and Washington, DC/David King FAIA, Principal

2016 Consolidating Penn's dispersed undergraduate Biology and Psychology departments, Levin is a hub of neural and behavioral science, a dramatic new public face for Penn along its busy southwest edge. It combines teaching labs, classrooms, faculty offices, and an underground auditorium, inside an exterior with a biomorphic rain screen that in daylight seems itself to be alive, and set in a landscape celebrating lush stormwater management techniques.

Awards: 2017 Education Facility Design Award of Merit, Committee on Architecture for Education
2017 Illumination Award of Merit, Illuminating Engineering Society
2017 Honor Award, AIA Detroit
2017 LEED Silver, USGBC
2016 Gold Honor Award, AIA Potomac Valley
2016 Award of Merit, AIA DC
2016 Construction Excellence Award, Best Educational Institutional Project, General Building Contractors Association



Annenberg Public Policy Center

University of Pennsylvania

Design Architect: Maki and Associates, Tokyo, Japan/Fumihiko Maki, AIA Gold Medal

Architect of Record: Ballinger, Philadelphia, PA

Role: *assumed lead design responsibility in transition from predecessor University Architect, overseeing design resolutions during budgeting and construction.*

2009 The Annenberg Public Policy Center, the nation's premier communication policy research center, houses scholars who address communication's political and social roles. With its calm massing, its exterior palette of layered glass and wood richly complements nearby historic buildings, while presenting a modern, open image befitting its public policy program. This openness is echoed in a startling section that generates its interior layout.

Awards: 2010 Citation of Merit, AIA Pennsylvania
2010 Honor Award, AIA Philadelphia



The Henry A. Wallace Visitor and Education Center at Home of Franklin D. Roosevelt Library, Visitor and Education Center

Hyde Park, NY

National Park Service

Architect: Kliment Halsband Architects, New York, NY/Frances Halsband FAIA, Principal

Role: *Lead design client responsibility on behalf of National Park Service's Northeast Regional Office, in collaboration with the National Archives and Records Administration, the Roosevelt Institute and regional stakeholders*

2004 The building houses visitor services within linked gabled pavilions: orientation, education, amenities, and bookshop. Although contemporary in massing and proportions, in its overall form and materiality it bows to the Dutch Colonial vernacular of the region and the Roosevelt Library itself. Its site plan deftly introduces new circulation and parking with minimal intrusion, quietly enhancing the legibility and meaning of the core of this revered national park.

Awards: 2007 Educational Facility Design Award of Excellence, AIA Committee on Architecture in Education
2006 Award of Merit, AIA New York State
2004 Cultural Award of Merit, New York Construction Magazine

2.1

SIGNIFICANT PROJECTS

As Client: Extending the Language - Interiors

Role: University Architect, programming, architect selection, design leadership



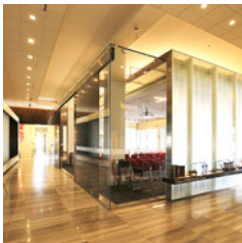
Moelis Family Grand Reading Room in the Van Pelt Library

University of Pennsylvania

Architect: Gensler, Philadelphia, PA/Peter Stubb, Principal

2017 The project extends traditional conceptions of library space, providing luxurious calm for quiet study (an increasingly rare campus commodity) within an uplifting and light contemporary design. The renovation introduced a fresh expansion of Penn's interior design language. It respected the building's architecture, extending the space to visually connect to surrounding landscape, making of it a virtual treehouse. A striking intervention is *Fields of Transformation*, three monumental and acoustically beneficial handmade wool-and-silk murals by renowned Dutch artist Claudy Jongstra.

Awards: 2018 Library Interior Design Award for Single Space, American Library Association
2018 International Merit Award and designation as one of the Top 100 Projects of 2018, Collaboration of Design and Art
2017 Merit Award, AIA Philadelphia
2017 Viewer's Choice Award and Best in Education Award, International Interior Design Association, Pennsylvania/New Jersey/Delaware Chapter
2017 Excellence in Craftsmanship Award, General Building Contractors Association



The Kislak Center for Special Collections, Rare Books and Manuscripts in the Van Pelt Library

University of Pennsylvania

Architect: Gensler, Dallas, TX/Ross Conway, Principal

2013 As in the Moelis project (above), with few historic or aesthetic constraints the renovation expanded Penn's interior design language, totally reimagining the top floor of the main library (1962). It has three key elements: the Rare Book Reading Room, the Great Hall and the floating, glass-enclosed Pavilion at its heart. The Pavilion's transparent, translucent and opaque panels are easily rearranged to create private or open spaces. Kislak's dramatic treetop views of the campus are set off by the project's five new green roofs.

Awards: 2013 Built Design Awards Honor Award, AIA Dallas
2013 Honoree, Education: Library, Interior Design Magazine



Education Commons at Franklin Field

University of Pennsylvania

Architect: Joel Sanders Architect, New York, NY/Joel Sanders FAIA, Principal

2012 Tucked under Franklin Field's north bleachers, with views through majestic arched windows to the new Shoemaker Green (see Section 3.7), Education Commons is a surprising and exuberant reuse of "found" space. It transforms a seemingly impossible 300 foot long, disproportionally tall and narrow space into a fully wired and flexible destination, where students shift between studying and socializing. The success and vibrancy of its design language immediately drew students to the campus' expanding and enlivening eastern end.

Awards: 2014 Library Interior Design Awards -- Honorable Mention, Academic Libraries under 30,000 SF, American Library Association
2013 Best of Year Award for Category Education: Library, Interior Design Magazine

2.1

SIGNIFICANT PROJECTS

As Client: Extending the Language - Landscapes

Role: University Architect, programming, landscape architect selection, design leadership



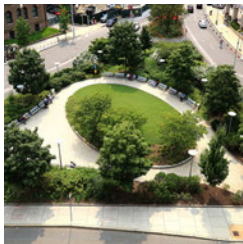
Pennovation Center Landscape

University of Pennsylvania

Landscape Architect: Land Collective, Philadelphia, PA/David Rubin FASLA, Principal

2016

The Pennovation Center (see Section 3.4), a renovation of a ubiquitous industrial building type, created a distinctive and energetic new urban landmark. As with the building itself, the approach to designing its surrounding open space sought an edgy extension of the core campus' landscape language, providing a broad and idiosyncratically-paved plaza, incorporating green infrastructure, and transforming existing lawn into wildflower meadows with native planting. The design pragmatically anticipates short-term development pivots within the overall site, as opposed to the core campus' lengthier time horizons. An outdoor netted laboratory enables precision testing of high performance aerial and ground robots.



Edward W. Kane Park

University of Pennsylvania

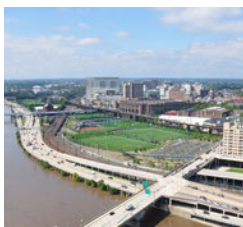
Landscape Architect: Matthews Nielsen Landscape Architects, New York, NY/Kim Matthews FASLA, Principal

2012

This small but potent project at a busy and prominent gateway to both the university and its hospital converted a small asphalt lot choked with short-term parking and food carts into a serene green oasis. The design establishes visual connections and pedestrian safety, and provides desperately needed respite for students, hospital employees, and visitors. Now a lush half-acre plaza, its design exceeds 95% storm water permeability. While most Penn landscapes provide communal space, this oasis refreshingly offers unexpected solitude and serenity.

Awards:

2015 Honor Award, Site Design, American Society of Landscape Architects, New Jersey Chapter



Penn Park

University of Pennsylvania

Landscape Architect: Michael Van Valkenburgh Associates, Brooklyn, NY/Michael Van Valkenburgh FASLA, Principal

2011

Adding 20% more campus green space, Penn Park reimaged 14 acres of asphalt parking and 10 acres of underused recreation fields, creating new athletic facilities and open space as a public gateway to Penn. Groves of canopy trees frame formal and informal playing fields. With its sweeping land forms, the design resolved the elevational differences and the isolation caused by the site's corral of transportation infrastructure, including concrete bridges and three separately operated rail lines. Its vast scale necessitated dramatic extension of the core campus' fine-grained landscape language, introducing the land forms, plus monolithic paving surfaces, new meadows, rain gardens and tree species (among 550 new trees) -- major environmental outcomes for the city and region in support of Penn's *Climate Action Plan* goals.

Awards:

2012 American Sport Builders Association Award
2012 Outdoor Tennis Facility of the Year

2.1

SIGNIFICANT PROJECTS As Client: Processes and Planning



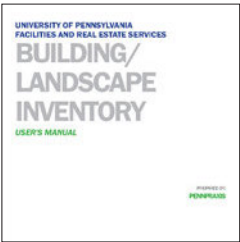
African Friends to Harmony Burial Ground

University of Pennsylvania

Role: as *University Architect, Special Projects: Leadership and oversight of community outreach and archaeological and legal processes necessary to accomplish the disinterment and re-interment of the human remains.*

2020

The likely presence of a 19th century African American burial ground on vacant Penn-owned land was established in early 2018. The land, purchased for burials in 1826 by and on behalf of the “African Friends to Harmony”, a mutual aid society, saw burials from c. 1826 to c. 1882. Though multi-denominational, its apparent descendant congregations, Monumental Baptist Church and Mt. Pisgah A.M.E. Church, are still among West Philadelphia’s strongest African American congregations. David engaged with both congregations, which jointly decided on archaeological removal as the desired response to the discovery, and obtained necessary approvals from the Orphans’ Court and the Philadelphia Historical Commission. Approximately 160 graves were removed and then re-interred on 4/5/20 in Eden Cemetery, a historic African American cemetery.



University of Pennsylvania Facilities and Real Estate Services Building/Landscape Inventory

University of Pennsylvania

Role: as *University Architect, Special Projects: Project definition, assembly and oversight of consultant team, lead and sole oversight of the project.*

2020

Penn had not surveyed and evaluated its buildings since completing its last inventory in 2000. That inventory excluded post-1975 buildings as well as the landscapes and building ensembles fundamental to campus character. This project comprehensively updated and expanded all previous inventory and evaluation rankings of buildings and open space owned by Penn. As a fundamental management tool, designed to be incorporated within existing databases, the update simplified prior evaluation categories, added consideration of landscapes and ensembles, and introduced post-1975 buildings and landscapes.

2.1

SIGNIFICANT PROJECTS As Client: Processes and Planning



University of Pennsylvania Climate Action Plan and Climate Action Plan 2.0

University of Pennsylvania

Role: Leadership and oversight of the development, completion and tracking of Penn's initial two 5-year Climate Action Plans and the preliminary development of the 3rd. Co-chair of the overall initiatives' Physical Design Committee.

2009, 2014

Penn's first formal *Climate Action Plan* was initiated when President Gutmann 2007 signed the American College and University Presidents' Climate Commitment, which bound the University to assess its carbon emissions and submit a long-range carbon-footprint reduction plan by September 2009. Penn was the first Ivy League signatory and among the first of the now 600+ colleges and universities to sign this pledge. Penn's 2009 *Plan*, and its two successor five year plans, developed and tracked climate action targets in academics, physical design, utilities and infrastructure, transportation, purchasing, student engagement and behavior change, waste and recycling. Having no LEED buildings in 2006, Penn now has more than 25, and has set 2042 as a target for carbon neutrality.



University of Pennsylvania Public Art

University of Pennsylvania

Role: In collaboration with the University Curator, leadership and oversight for acquisition, placement, site design and management of public sculpture on the campus

2006-2019

Public art plays a powerful placemaking role in setting and managing Penn's overall campus character. The quality of Penn's outdoor art collection is a magnet, attracting regular expressions of interest for donations and acquisitions. (Declining an offered piece, though an invisible action, is as important to this management function as the decisions to accept one.) Most recently, two extraordinary and monumental additions, Sir Jacob Epstein's *Social Consciousness* and Louise Nevelson's *Atmosphere & Environment XII*, have electrified and transformed their respective locations.

2.1

SIGNIFICANT PROJECTS As Client: Processes and Planning



Flight 93 National Memorial

Shanksville, PA
National Park Service

Role: Sole National Park Service member of the 2005 Phase 1 jury of the Flight 93 National Memorial's open design competition, reviewing 1100 anonymous entries to select five for review by the Phase 2 jury.

Appointed by the U.S. Secretary of the Interior to serve as a Commissioner on the Flight 93 Memorial Federal Advisory Commission.

2005
2012-13

The Flight 93 National Memorial honors the passengers and crew on United Airlines Flight 93 who, by organizing themselves into collective action, thwarted what was almost certainly intended as an attack on the U.S. Capitol on September 11, 2001. To imagine the memorial, along with the complex land acquisition processes necessary to transfer the land into federal ownership, an open design competition was held, generating 1100 anonymous proposals. The assembled design jury, including family members, design professionals, academics and one Park Service representative, winnowed those entries to five for consideration and selection by the Phase 2 jury. The successful entry, designed by Paul Murdoch Architects and now largely complete, is a remarkable confluence of architecture and landscape design across a very wide area, one of the strongest of all recent memorials. To work towards its realization and consider its management and operation, a Federal Advisory Commission was formed.



Parque de La Memoria, Technical and Design Assistance

Buenos Aires, Argentina
National Park Service

Role: Sole US representative for provision of technical and design assistance to the City of Buenos Aires' Commission for the Monument to the Victims of State Terrorism, for development of an administrative and management plan for Parque de Memoria ("Memory Park"), a memorial to the "disappeared generation," victims of military government repression during Argentina's Guerra Sucia ("Dirty War") in the late 1970s.

2001

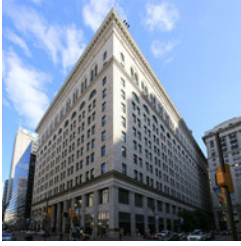
Memory Park sits along the Rio de la Plata -- the vast river at the city's eastern edge, into which many of the "disappeared generation," victims of state terrorism, were thrown from government helicopters. Its design, by Alberto Varas of Baudizzone Lestard Varas Architecture Studio, was selected in a competition, and its initial phase, a small public plaza, had been constructed when National Park Service assistance was sought. The design incorporated an international sculpture competition that received several hundred entries, (approximately seventeen have been completed and installed). But no overall plans for the Park's visitor experience, interpretation, operations and maintenance had even begun. The Park Service technical assistance combined a broad range of design and management considerations, and introduced multiple design, operational and interpretive directions to the Commissioners responsible for implementing the Park and, under the political circumstances, meeting an extremely accelerated construction and opening schedule. Many of those suggestions remain in use today.

2.1

SIGNIFICANT PROJECTS

As Architect: Restoration and Rehabilitation

Role: Lead design, documentation and construction administration for all historic components. Responsible for documentation in pursuit of the Federal Investment Tax Credit for Certified Rehabilitation



John Wanamaker Building

Philadelphia, PA

Architect: Burt Hill Kosar Rittleman Associates, Pittsburgh, PA/Peter Moriarty, Principal

Preservation Architect: John Milner Associates, Philadelphia, PA/David Hollenberg, Principal

1991 Wanamaker's, a National Historic Landmark, was comprehensively restored and rehabilitated using the tax credit as a major incentive. It occupied a full city block, with 13 stories of retail in splendid interiors (especially the renowned Grand Court). The restoration and rehabilitation project continued retail use, concentrating it in the bottom five floors, with upper floors converted to offices, enriched by the restored original 1910 Daniel Burnham details throughout the entire building.



Alden Park Apartments

Philadelphia, PA

Architect: John Milner Associates, Philadelphia, PA/David Hollenberg, Principal

1991 Built in 1925-29, Alden Park is a complex of three 9 to 14 story towers sitting in rolling park grounds. Designed in picturesque "neo-Jacobean" brick architecture, its fundamental original structural and construction deficiencies steadily revealed themselves in leaks, bulges and sectional collapses. Addressing these necessitated one of the nation's largest historic residential renovation projects. Enabled by but subject to the requirements of the tax credit, while also bound by the terms of a historic and open space easement and the requirements of the Philadelphia Historical Commission, the project's regulatory complexities equaled those of its built fabric.



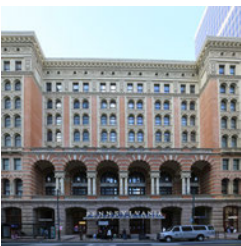
Lit Brothers Department Store

Philadelphia, PA

Architect: Burt Hill Kosar Rittleman Associates, Pittsburgh, PA/Peter Moriarty, Principal

Preservation Architect: John Milner Associates, Philadelphia, PA/David Hollenberg, Principal

1989 Lit Brothers was steadily assembled over the late 19th and early 20th centuries by incorporating and then adding to several pre-existing buildings, ultimately occupying an entire city block. A Philadelphia icon, its near demolition in the early 1980's led to Philadelphia's 1985 Historic Preservation Ordinance, regarded as one of the nation's strongest, with its authority to prevent demolition. Its last-minute acquisition for rehabilitation and reuse as a mixed use building led to what was one of the nation's largest tax credit projects. It remains in use today.



Reading Terminal Headhouse

Philadelphia, PA

Architect: Cope Linder Associates / Bower Lewis Thrower, Philadelphia, PA/Arthur Jones, Principal

Preservation Architect: John Milner Associates, Philadelphia, PA/David Hollenberg, Principal

1989 The 1893 Reading Terminal complex, with its renowned Train Shed and Market, is fronted by an eight-story Headhouse housing passenger facilities and company headquarters designed by Francis Kimball. Its brick and terra cotta upper stories rest on a granite base with deep set monumental arches. The signature granite/brick/terra cotta loggia within that base was demolished in the 1950's, replaced with flat terra cotta panels. Reconstructing the loggia was part of the broader mixed use project to rehabilitate the entire building, using the tax credit. The upper floors are now a hotel, and its lower levels still serve as access to public transportation.

2.1

SIGNIFICANT PROJECTS

As Architect: Planning

Role: Lead consultant, author and illustrator



The Beaufort Preservation Manual

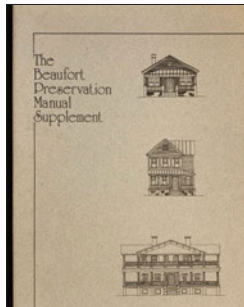
For: the City of Beaufort

Beaufort, SC

Architect: John Milner Associates

1979

The *Manual* was developed for the City of Beaufort, South Carolina's second oldest city, much of which is a National Historic Landmark District. The City, concerned about inappropriate development within its beautiful core, initiated the *Manual* on principles of self-education. It hoped that collective detailed understanding of what made it a special place could better inform its regulatory agencies while dissuading citizens, developers and their architects from conceiving inappropriate projects in the first place. The *Manual* was supplemented by an *Inventory and Repair Guide*, a building-by-building inventory with illustrated observations about key features, areas of concern, and the range of appropriate treatments. The entire initiative was an early groundbreaking exercise in community outreach about how to identify and manage place.



The Beaufort Preservation Manual Supplement

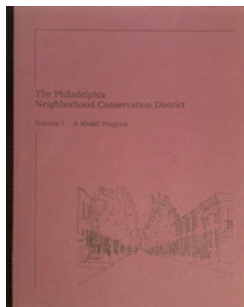
For: the City of Beaufort

Beaufort, SC

Architect: John Milner Associates

1990

The *Manual Supplement* placed the *Manual's* recommendations (described above) directly into the City's regulatory framework, recognizing that the earlier document's voluntary directives needed the support of more formal authority. The *Supplement* relied directly on the place-based architectural, landscape and streetscape components of the *Manual* itself, but inserted them into what had become the emerging typical rules and regulations of local historic district management. Use of both documents by the Historic Review Board in its review of projects is now a direct requirement in The Beaufort Code.



The Philadelphia Neighborhood Conservation District

For and with: Preservation Coalition of Great Philadelphia

Architect: John Milner Associates

1992

With funding from the National Trust, the Andy Warhol Foundation, and Preservation Pennsylvania, and with a national advisory group of esteemed planning and preservation professionals, this project developed a methodology and regulatory framework for managing the sense of place in neighborhoods that were not likely to become local or national historic districts, but that nevertheless sought some degree of control over their physical character. Using Philadelphia's Point Breeze neighborhood as a pilot, the recommendations developed management parameters, both explicitly regulatory and more neighborhood-based, using a set of easily understood and replicable selection criteria and design evaluation tools, all accompanied by recommended incentives. The proposed legislation that was part of the final product, though not adopted, was a seed for the creation of several Philadelphia conservation districts in the ensuing decades; there are now six.

2.1

ORGANIZATION & SERVICE



AIA
Philadelphia

AIA SERVICE AND ENGAGEMENT

1993-1995 Board Member, AIA, Philadelphia Chapter

AIA PRESENTATIONS AND EXHIBITS



AIA
New York



**The American
Institute
of Architects**

- 2017 AIA New York
Cocktails and Conversation: The Client and the Architect at the University of Pennsylvania
(with David Piscuskas, FAIA)
- 2016 AIA National Convention
House: Adaptive Reuse from Residential to Academic at the University of Pennsylvania
(with Wendy Evans Joseph, FAIA, David Piscuskas, FAIA, and Phillip Chen, FAIA)
- 2016 AIA University Webinar
Richards Labs: What Kahn Wanted it to Be (with David Fixler, FAIA)
- 2016 Philadelphia AIA, Center for Architecture and Design, exhibition
Transformation by Design: the University of Pennsylvania Campus
- 2016 Philadelphia AIA, Design on the Delaware
Hill College House: Design Opportunities in a Mid-20th Century Landmark
(with Michael Mills, FAIA)
- 2015 Philadelphia AIA, Design on the Delaware
Pennovation Works (with Matthias Hollwith and David Rubin)
- 2015 Philadelphia AIA, Design on the Delaware
The New College House at the University of Pennsylvania (With Frank Grauman, FAIA)
- 2015 Philadelphia AIA, Center for Architecture and Design
Philadelphia Student Housing Forum (with Frank Grauman, FAIA)
- 2012 Philadelphia AIA, Design on the Delaware
Shoemaker Green (with Jose Alminana, FASLA)
- 2012 Philadelphia AIA, Design on the Delaware
Golkin Hall at the University of Pennsylvania Law School (with Frano Violich, FAIA)
- 2010 Philadelphia AIA, Design on the Delaware
Preservation and Progress: A Case Study of the Historic Music Building Renovation and Addition (With Mark Kocent and Phil Chen FAIA)
- 2000 AIA National Convention
Independence Mall Master Plan and the Design of the Liberty Bell Complex
(with Laurie Olin FASLA and Bernie Cywinski FAIA)

2.1

ORGANIZATION & SERVICE

INTERNATIONAL SERVICE



2004 Served on a five member international delegation to Buenos Aires, led by the International Coalition of Sites of Conscience. Provided design, preservation and management consultation to Memoria Abierta for converting the former Escuela de Mecanica de la Armada, a primary site of detention and torture during the “Dirty War” in the late 1970’s, into a national Museum of Memory.



2001 Served as sole U.S. government and NPS representative in a mission offering technical assistance to the City of Buenos Aires in design, management and operations for Parque de la Memoria, designed in memory of the “disappeared generation” -- victims of government-sponsored terrorism in the late 1970’s.



1992 Served as one of two National Park Service representatives in the U.S. delegation to UNESCO’s World Heritage Convention in Naples, Italy

NATIONAL SERVICE



2018 Co-host (with Drexel and Bryn Mawr’s University Architects), National Convention of the Association of University Architects

2012-13 Commissioner, Flight 93 Memorial Federal Advisory Commission

2005 Phase I Design Jury for Flight 93 Memorial, representing the National Park Service



1998 Participant, Mayors’ Institute on City Design

PHILADELPHIA SERVICE



2019-present Beth Sholom Synagogue Preservation Foundation

2017-2018 Member, Mayor’s Task Force on Philadelphia Historic Preservation

2014-2015 Chairman, Board of Trustees, Eastern State Penitentiary Historic Site, Inc.

2010-2016 Board Member, Christ Church Preservation Trust

2000-present Board Member, Eastern State Penitentiary Historic Site, Inc.

2000-2006 Board Member, Society of Architectural Historians, Philadelphia Chapter

2001-2003 Vice President, Philadelphia Chapter, Society of Architectural Historians

1997-2000 Member, Advisory Board, Preservation Alliance of Greater Philadelphia

1992-1996 Board Member, Preservation Coalition of Greater Philadelphia

1992-1994 Member, Architectural Committee, Philadelphia Historical Commission

1990-present Member, Carpenters’ Company of the City and County of Philadelphia

1989-1999 Member, Advisory Board, Historic Religious Properties Program, Philadelphia Historic Preservation Corporation

1985-1992 Chairman, Architectural Review Committee, Philadelphia Historical Commission (mayoral appointment as Architect Experienced in Historic Preservation)

1985-1992 Member, Philadelphia Historical Commission (mayoral appointment as Architect Experienced in Historic Preservation)

1984-1986 Member, Architectural Advisory Board, Philadelphia Historic Preservation Corporation

1987-1989 President, Delaware Valley Chapter, Association for Preservation Technology

1984-1993 Member, Board of Directors, Delaware Valley Chapter, Association for Preservation Technology



2.1

ACADEMIC / JURIES



2018-present Adjunct Professor, Graduate Program in Historic Preservation, Penn Design, University of Pennsylvania (now Weitzman School of Design)

1988-2018 Lecturer, Graduate Program in Historic Preservation, Graduate School of Fine Arts, University of Pennsylvania.

For 20 of his 30+ years of teaching at Penn Design, Mr. Hollenberg's *Preservation Through Public Policy* graduate seminar has explored the intersection between historic preservation, design and public policy, as it exists, as it is evolving, and as it needs to evolve. The course recognizes the challenging and challenged network of law and policy at the federal, state and local level, and its direct and profound impact on the ability to manage cultural resources. The fundamental assumption of the course is that the preservation professional must understand the capabilities, deficiencies, and ongoing evolution of this network in order to be effective. The course aspires to enable students to appreciate the range of preservation policy and to consider specific enlargement of its reach and outcomes.



2016 Juror, National Excellence Awards, Society for College and University Planning (SCUP)

2012 Juror, National Excellence Awards, Society for College and University Planning (SCUP)



1986-1987 Adjunct Professor, Graduate School of Architecture, Planning and Preservation, Columbia University

1979-present Guest Critic, Drexel University, Spring Garden College, University of Pennsylvania, Columbia University, and Temple University

1976-1985 Guest Lecturer, University of Pennsylvania

2.1

SELECTED PRESENTATIONS BY NOMINEE



- 2020 Athenaeum of Philadelphia
Keast and Hood: an Appreciation
- 2019 Construction Specifications Institute, Philadelphia Chapter
Hill College House: Design Opportunities in a Mid-20th Century Landmark
(with Michael Mills, FAIA and Bill Curran, Intech)
- 2019 Jane's Walk
The Penn Campus and its Perimeter



- 2019 ULI, Next Philadelphia
Reflections on Twelve Years as University Architect
- 2019 Design Studio, Graduate Program of Historic Preservation, University of Pennsylvania
Lessons from Independence Mall
- 2019 Association of University Architects, National Convention
Pennovation Works



- 2018 Association of University Architects, National Convention
Pennovation Works
- 2018 Harrison College House
Dinner and Conversation: Reflections on 12 years as University Architect
- 2018 Association of University Architects, National Convention
Preservation at Penn: the Broad Range of Approaches



- 2017 Association of College Unions Institute
Accelerating a Campus Culture of Entrepreneurship: Pennovation Works
(with Matthias Hollwich, Paul Sehnert, Peter Mattioni)
- 2017 Association of University Architects National Convention
The University of Pennsylvania's West Philadelphia Initiatives



- 2017 National Center for Preservation Technology and Training
Design Heritage Conference
Framing Preservation Issues: an Introduction



- 2016 Weitzman School of Design
Designing Perry World House
(with David Piscuskas FAIA, Randall Mason and Inga Saffron)



- 2016 and 2013 Annenberg School of Communication, for "Public Space and Public Life", Professor Carolyn Marvin
The Vocabulary of Cultural Memorials: Buenos Aires' Parque de la Memoria and the Flight 93 National Memorial

2.1

SELECTED PRESENTATIONS BY NOMINEE



2016 Urban Land Institute
Penn Connects: A University Transformed
(with Anne Papageorge, RLA)

2016 New College House residents and staff
Secrets Lives of the New College House
(with Frank Grauman FAIA and Dana Reed, BCJ)



2015 WURD Radio
A Green Hour: Sustainability at Penn

2015 Ebenezer Maxwell Mansion: Annual Henry Magaziner Lecture
Can a Campus be Managed as if it were a Historic District? Lessons from the University of Pennsylvania



2014 SCUP Mid-Atlantic
The University of Pennsylvania's West Philadelphia initiatives

2010 Law School Facilities, Annual National Conference
What Does "Flexibility" Mean in Designing Educational Space?



2008 Association of University Architects National Convention
The University of Pennsylvania Campus: an Introduction

2006 Drexel University, Department of Architecture
The Fairmount Waterworks: Its History, Restoration and Rehabilitation



2001 Sociedad Central de Arquitectura
The Development of Independence Mall: Lessons for the Parque de la Memoria?

2001 ICOMOS US, National Convention
The Independence Mall Master Plan

Refer to AIA Presentations on page 12 for additional presentations.

2.2

AWARDS, HONORS & RECOGNITION



NATIONAL

- 2002 **Superior Service Award**, Department of Interior
- 2002 **Gold Medal for Outstanding Public Service**, Federal Executive Board, Excellence in Government Program, Public-Private Partnership Category For role In Independence Mall Master Plan and Independence Visitor Center
- 1998 **Gold Medal for Outstanding Public Service**, Federal Executive Board, Excellence in Government Program For role In Independence Mall Master Plan

REGIONAL & CITY



- 2019 **James Biddle Award** for lifetime achievement in historic preservation, Preservation Alliance of Greater Philadelphia
Past winners include: Richard Moe, Mary W. DeNadai FAIA, John Milner, FAIA, David G. De Long FAIA, Nicholas L. Gianopoulos, Penelope Batcheler AIA, Charles E. Peterson FAIA



- 2018 **John Frederick Harbeson Award**, for Lifetime Achievement, AIA Philadelphia
"The Harbeson Award is presented annually to a long-standing member of the architectural community and is intended to recognize their significant contributions over their lifetime to the architectural profession and its related disciplines. The recipient of this award will have distinguished themselves throughout their career by their contributions to the architectural profession, the American Institute of Architects, the education of the architectural community, and their contributions to the Philadelphia community at large."
Past winners include: Susan Maxman, FAIA, Robert L. Geddes, FAIA, Steven Izenour, AIA, Robert Venturi, FAIA and Denise Scott Brown FAIA, John Rauch, FAIA, Anne Griswold Tyng, FAIA, G. Holmes Perkins, Edmund Bacon FAIA



- 2016 **Master Builder's Award**, Carpenters' Company of the City and County of Philadelphia, for lifetime achievement
"The Carpenters' Company Master Builders' Award honors leadership and recognizes organizations and individuals that have made a significant contribution to the construction industry."
Past winners include: Millard Fuller, Mayor Michael A. Nutter, Willard Rouse III, Robert Silman, Robert A.M. Stern FAIA, Robert Venturi FAIA and Denise Scott Brown FAIA



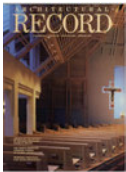
- 2015 **Wyck-Strickland Award** for Lifetime Achievement
"The award honors individuals who have made outstanding contributions to the cultural life of Philadelphia through work that reflects a drive for progress and modernity and a sensitivity to the past."
Past winners include: Stephen Kieran FAIA and James Timberlake FAIA, David Brownlee, Laurie Olin FASLA, Vincent Scully, Sir Peter Shephard, Romaldo Giurgola FAIA, Denise Scott Brown FAIA, Robert Venturi FAIA



- 2015 **Model of Excellence**, University of Pennsylvania
- 2008 **Public Service Award**, Preservation Alliance of Greater Philadelphia
- 2008 **Model of Excellence**, University of Pennsylvania
- 2003 **Leadership Award**, Independence National Historical Park, For outstanding and irreplaceable leadership in Independence Mall project

2.3

SELECTED PUBLICATIONS BY & ABOUT NOMINEE



BY NOMINEE

- 2020 Preservation Alliance of Greater Philadelphia
“Franklin Court: An Appreciation”
- 2015 Contexts Magazine
“Rehabilitating the Richards Building: Institutional Challenges”

ABOUT NOMINEE

- 2018 Weitzman School of Design News
“Q and A for University Architect David Hollenberg”
- 2018 Penn Today Brandon Baker
“Inside the Mind of David Hollenberg, the Guiding Hand behind Penn’s Building Projects”
- 2017 Urban Land Institute Center for Sustainability and Economic Performance, Katharine Burgess, et al.
“Harvesting the Value of Water: Stormwater, Green Infrastructure and Real Estate” pp 36-37
- 1998 The Atlantic, Witold Rybczynski
“Moving the Bell”
- 1991 Architectural Record Feb 1991 James Russell
“Alden Park: Anatomy of a Wall Failure”

3.0

LIST OF EXHIBITS



3.1 HILL COLLEGE HOUSE
University of Pennsylvania, Philadelphia, PA | 2017



3.2 PERRY WORLD HOUSE
University of Pennsylvania, Philadelphia, PA | 2016



3.3 LAUDER COLLEGE HOUSE
University of Pennsylvania, Philadelphia, PA | 2016



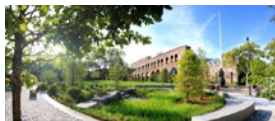
3.4 PENNOVATION CENTER
University of Pennsylvania, Philadelphia, PA | 2016



3.5 RICHARDS MEDICAL RESEARCH LABORATORIES RENOVATIONS
University of Pennsylvania, Philadelphia, PA | 2015, 2019



3.6 SINGH CENTER FOR NANOTECHNOLOGY
University of Pennsylvania, Philadelphia, PA | 2013



3.7 SHOEMAKER GREEN
University of Pennsylvania, Philadelphia, PA | 2012



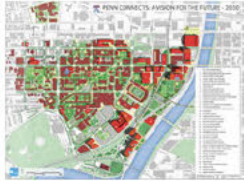
3.8 LERNER CENTER (aka MUSIC BUILDING)
University of Pennsylvania, Philadelphia, PA | 2010



3.9 INDEPENDENCE MALL
Independence National Historical Park, Philadelphia, PA | 2003
National Park Service

3.0

SETTING THE STAGE: Plans and Processes



Penn Connects <https://www.facilities.upenn.edu/about/campus-plan>

Every University of Pennsylvania project herein emerges from three successive 5-year *Penn Connects* campus plans. Each identifies new construction, renovations, and open space projects within their 5 year time horizon, plus those of longer range. Each includes campus projects and those developed on its perimeter on Penn-owned land by 3rd parties through ground-lease arrangements. **David, as University Architect, had design review and oversight for each, including the many Penn Connects projects not illustrated herein.**

Remarkably, every project indicated within each plan's 5-year horizon has been completed or is in design or construction. Since 2006, Penn has added 6M+ square feet of new construction, renovated 3M+ square feet, and added 30+ acres of open space -- achievements representing a combined investment of approximately \$4 billion. Developing each plan involved a broad range of the Penn community. Led by its Vice President, Penn Facilities worked with everyone -- from deans to students -- at Penn's 12 schools to determine the university's physical future.

The acquisition of U.S. Postal Service buildings and land at the university's east border triggered the 2006 *Penn Connects* plan, which focused entirely on new construction and open space. Its name indicated Penn's intention to transform the university and its surroundings while deepening connections to the local community. Penn Park is a 24-acre symbol of that intent, but by no means the only one. The 2011 plan, *Penn Connects 2.0*, added an emphasis on sustainability and renovations of existing buildings, and addressed

the acquisition of a 23-acre former industrial parcel south of the campus for development as Pennovation Works. *Penn Connects 3.0* (2017) continues the string of remarkably transformative projects.

David served as a lead editor for the first two plans, and **was instrumental in expanding the second to include sustainability and renovations.** He passed his roles on to others for the third, given his planned retirement. Penn and Sasaki Associates received the 2013 Excellence in Planning for an Existing Campus from the Society for College & University Planning for *Penn Connects*.

Climate Action Plans <https://www.sustainability.upenn.edu/our-commitment/our-plan>

Simultaneously, Penn issued in 2009 the first in a series of three 5-year Climate Action Plans -- spurred by President Amy Gutmann's 2007 signing of the American College and University Presidents' Climate Commitment Pledge, which bound the University to assess and reduce its greenhouse gas emissions and overall carbon footprint. Penn was among the first signers of the pledge, and the first from the Ivy League. Through this Plan, **Penn designated its first Sustainability Director to develop and oversee the Sustainability Office, which was administratively located within David's office, and supervised by him.** Penn has set 2042 as its target date for carbon neutrality.

The development of these Climate Action plans, and oversight of their goals, has involved the entire Penn community. When David began serving Penn as University Architect in 2006, it had no Climate Action Plan, no Sustainability Office, no LEED buildings, no administrative structure for setting and tracking sustainability goals, etc. It now has all that, and more -- including 25+ LEED buildings.

Design Review Committee

Major projects are reviewed as often as needed by the university's Design Review Committee (DRC), and are those that everyone on campus sees, or that have impact on a recognized historic building or landscape, or that set a precedent. **The DRC is co-chaired by the University Architect and the Dean of Penn's Weitzman School of Design,** and includes Penn Facilities subject matter experts, faculty members, a Penn Trustee, and architects and landscape architects drawn from the extended community. The DRC advises the President and university leadership on the placemaking merits of major projects. Its purview is not budget or schedule, but rather two basic questions: is the project right for Penn, and is the architect providing his/her best?

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: editorial, content and supervisory oversight of plans and their implementation, Co-Chair of DRC.

[Redacted Signature]

Anne Papageorge
Vice President, Facilities and Real Estate Services
University of Pennsylvania
Relation to Exhibit: oversight of campus planning, design, construction and maintenance

3.1 HILL COLLEGE HOUSE

ROLE OF NOMINEE:

As client design lead, David inspired the collaborations necessary to restore, refresh and reimagine an important late work by Eero Saarinen -- strengthening the communal essence of its spatially and socially complex original design, respecting and maintaining its historic significance and architectural impact, and inserting modern systems and amenities within a fresh decorative approach.

DESIGN FIRM

Mills + Schnoering Architects, Princeton, NJ
Michael Mills FAIA, Principal

ARCHITECTURE FIRM OF RECORD

Mills + Schnoering Architects

COMPLETION DATE

2017

SELECTED AWARDS

2018 Sustainability in Historic Preservation Award, Preservation Pennsylvania

2018 Grand Jury Award, Preservation Alliance for Greater Philadelphia

2018 Civic Award of Excellence for Modernism in America, Docomomo US

2018 LEED Gold, USGBC

SELECTED PUBLICATIONS

Anne de Forest, Hidden City Philadelphia, *Eero Saarinen's Hill College House Fortified With \$80M In Renovations*, August 29, 2017

Fatima Olivieri, Hidden City Philadelphia, *Evolution And Influence At Penn's Hill College House*, January 22, 2014

Challenge

Eero Saarinen's Hill College House was built in 1960 as a women's dormitory. Its first comprehensive renovation was made possible by the 2016 completion of the adjacent Lauder College House which, by providing some 350 new beds, left Hill unoccupied for 15 months, enabling the construction to proceed. Project challenges, looming over by Saarinen, included complete exterior restoration of the distinctive masonry envelope, original steel casement windows, steel entry bridge, and the Dan Kiley landscape. Inside, the overriding challenge was preserving Saarinen's innovative design vision for communal living, incorporating multiple public spaces of varying physical and social scales, in the face of the inevitable impact of the first viable solution to installing air-conditioning throughout the building, and to making it fully accessible. A fresh interior design language, especially for shared spaces, honored and extended Saarinen's palette and motifs, revealed through archival research of his original documents.

Role and Approach

Leading the architect selection process and the articulation of an overall preservation philosophy, David then oversaw design and review of proposed interventions into all major architectural components, including the impact of new and upgraded systems. He fostered the design team's collaborative approach, incorporating conservation, materials analyses and archival research, while incorporating input from Penn housing, dining, and maintenance experts, to appropriately evolve Saarinen's original details. He successfully advocated for removal, repair and reinstallation of all original windows, necessitating meticulous review of their energy performance in light of Penn's *Climate Action Plan* goals. He successfully advocated for reintroducing critical missing exterior decorative features, and for introducing Penn's first multi-stall all-gender restrooms on every floor. He was critical to resolving design issues emerging throughout the accelerated and complex construction.

Outcome

The project successfully strengthened the sense of community essential to Saarinen's spatially and socially complex original design, respecting and maintaining its historic significance and architectural impact while inserting modern systems and amenities within a fresh decorative approach. Not always a primary selection for the entering freshmen it housed, it is now a top choice for student living. LEED Gold certification confirms attention to Penn's *Climate Action Plan* challenges, while multiple awards testify to the recognition of its design and preservation excellence. The project ensures the advancement of Penn student living standards, embodying the attention and care devoted to improving their environment. It serves as an example of the skill necessary to restore, refresh and reimagine an important work by an internationally esteemed architect. David's commitment and guidance made this possible.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Anne Papageorge, RLA
Vice President, Facilities and Real Estate Services
University of Pennsylvania
Relation to Exhibit: oversight of campus planning, design, construction and maintenance

3.1 HILL COLLEGE HOUSE



1



2



3



4



5

"..even if (the students) absorb Saarinen's design, and Mills + Schnoering's intelligent interventions, subliminally, they are in for a treat. The Class of 2021 will be eating, studying, and playing in an environment that stimulates both the left and right sides of the brain. Living in Hill College House, for those who pay attention, will be an education in itself."

-- Anne De Forest,
Hidden City
Philadelphia, 8/29/17



6

- 1 North Façade at Dusk
 - 2 Exterior Common Space
 - 3 Main Entrance and Elevation Entry Bridge
 - 4 Atrium at Entrance
 - 5 Study Center with Atrium Beyond
 - 6 Atrium with Dining Facility Below
- All photos on this page © Aislinn Weidele / Mills + Schnoering Architects

3.2 PERRY WORLD HOUSE

ROLE OF NOMINEE:

As client design lead, David absorbed and adopted the exploratory and unusual approach to preservation and contemporary design that emerged, understanding and successfully advocating for its implications. The project's immediate and ongoing success as a center for global exploration, in both its public and private spaces, testifies to the open and transparent design at its physical and programmatic core.

DESIGN FIRM

1100 Architect, New York, NY
David Piscuskas FAIA, Principal

ARCHITECTURE FIRM OF RECORD

1100 Architect

COMPLETION DATE

2016

SELECTED AWARDS

2020 LEED Silver, USGBC

2017 49th Annual Design Award: Award of Citation, AIA New York

2017 Popular Choice: Higher Education & Research Facilities, Architizer A+Awards

SELECTED PUBLICATIONS

Thomas de Monchaux, *Architect Magazine*, *Perry World House*, March 3 2017

Lacy Morris, *Architectural Digest*, *The 9 Best New University Buildings Around the World*, February 21, 2017

Jason Sayer, *The Architect's Newspaper* *Old Meets New: 1100 Architect combines an 1851 cottage with a modern research center on University of Pennsylvania's campus*, January 31, 2017

Inga Saffron, *The Philadelphia Inquirer*, *On Penn's campus, a new-old building isn't preservation as we know it*, August 5, 2016

Ashley Hahn, *Plan Philly*, *History grafted into contemporary design at Penn's new Perry World House*, July 6 2016

Michael Bixler, *Hidden City Philadelphia*, *Penn Takes "Collage" Approach To Preservation With Perry World House*, March 6 2015

Challenge

Perry World House is Penn's new global research center. Its selected location adapted recommendations of a feasibility study that had explored possibilities ranging from rehabilitation to demolition of the site's c.1850 "cottage" by Samuel Sloan, which predated Penn's relocation to West Philadelphia. Such domestic survivors are an essential aspect of Penn's sense of place -- historic residential buildings within the core of campus juxtaposed with later large-scale institutional buildings. The overarching design challenge was melding cottage scale and imagery with the aspirations of a major new university program, on a site demanding big urban presence along its east and domestic scale along iconic Locust Walk to its south.

Role and Approach

Leading the architect selection process and articulating of the project philosophy, David oversaw design of a concept creatively joining new and old, rather than using a more conventional glass separation. He strongly advocated for this provocative approach as appropriate to the aspirational program and highly visible urban presence. Two mission-driven factors led to retaining rather than demolishing the cottage's main portion. First, its simplicity of overall form directly conveyed "house": the intimacy and welcome of a residence. Second, the university by nature looks forward and back, as conveyed by the joining of contemporary design to the cottage's defining piece. The design's new abstract scale, forms and surfaces clearly meet and resonate with the old -- echoing the cottage fragment's restored detail, holding its own within its varied surroundings. Successfully extending Penn's broad spectrum of intervention approaches, Perry is best seen as a collage, not as an addition, avoiding what could have been nostalgic reuse of the diminutive building at its expressive core.

Outcome

Perry World House, most recently an underused fraternity, is now a major campus place. It unfolds its contemporary limestone façade along 38th Street, scaling up to form a robust urban presence. The World Forum, its heart, is a dynamic glass-enclosed multi-use event space for public lectures and special programs. Complete column-free internal visibility through Perry's range of spaces -- classrooms, meeting rooms, offices, a conference room, common areas -- generates multiple interactions, which extend out to the entrance courtyard's landscaped gathering space and intimate conversation area. The building is heavily used every day, a central gathering point for collective examination of global issues for Penn and the community at large.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Mark Kocent, AIA, AICP

University Architect, Facilities and Real Estate Services

University of Pennsylvania

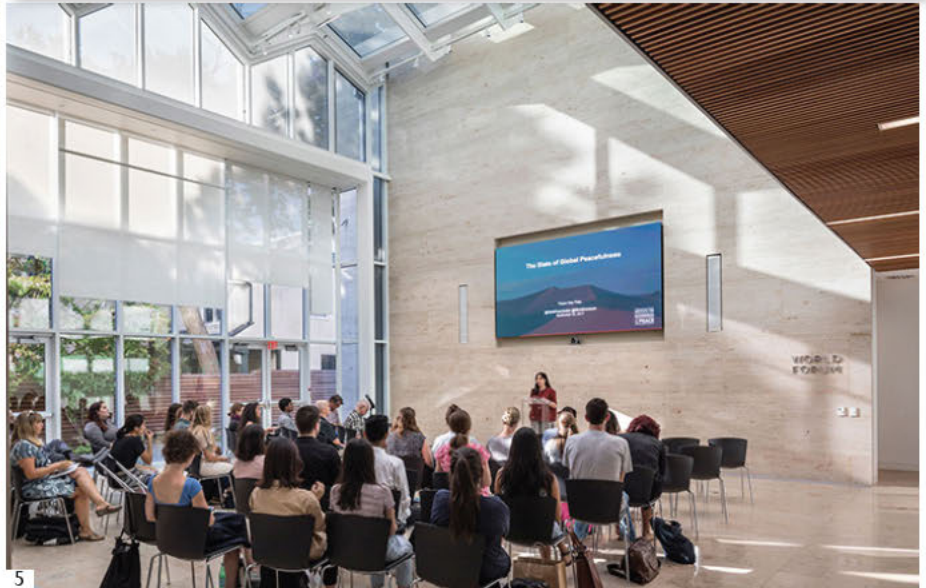
Relation to Exhibit: University Principal Planner, Office of the University Architect

3.2 PERRY WORLD HOUSE



“... (I)t is in no way humble or subservient to the past. Instead it is brashly contemporary in ways that also aim to disarm. Purists may balk, but Perry World House is a fine example of design that incorporates history while finding powerful expression unencumbered by preservation dogma.”

-- Ashley Hahn, Plan Philly, History grafted into contemporary design at Penn’s new Perry World House July 6, 2016



- 1 Global Policy Lab
 - 2 View from Locust Walk
 - 3 Upper Level Lounge
 - 4 Northwest Corner
 - 5 World Forum
- All photos on this page © Peter Aaron

3.3 LAUDER COLLEGE HOUSE

ROLE OF NOMINEE:

As client design lead, David energetically ensured that issues of civic scale and residential scale were given equal attention, building on planning and design insights to embody fundamental internal and external university obligations. His leadership enabled this complex institutional building to read as, and be, a warm home, one that since its opening has been in strong student demand.

DESIGN FIRM

Bohlini Cywinski Jackson, Philadelphia, PA
Frank Grauman FAIA, Principal
Michael Vergason Landscape Architects
Michael Vergason FASLA, Principal

ARCHITECTURE FIRM OF RECORD

Bohlini Cywinski Jackson

COMPLETION DATE

2016

SELECTED AWARDS

2019 Merit Award, General Built Category, AIA Philadelphia

2018 Honor Award for Built Design, ASLA Potomac Division

2017 Project Award, DVGBC

2017 LEED Gold, USGBC

2017 Best Project Award, Engineering News Record

2017 Brick in Architecture Award, the Brick Industry Association

2017 Urban Project of the Year, ACE Mentor Program of Eastern PA

2016 Citation of Merit Award, AIA PA

SELECTED PUBLICATIONS

Architect Magazine, *New College House* Bohlini Cywinski Jackson, June 14, 2017

Ann de Forest, *Hidden City, Shaping A New Urban Crossroads At 33rd And Chestnut* January 18, 2017

Melissa Romero, *Curbed Philadelphia, Inside Penn's New College House by Bohlini Cywinski Jackson*, September 9, 2016

Challenge

Lauder College House is Penn's first new full-service undergraduate purpose-built College House. The College House system, the center of Penn's undergraduate student experience, incorporates unique residences -- each a hub of intellectual, social, and recreational activity. Lauder's site at the campus' prominent northeast entrance point posed the project's overarching programming and design challenge: expressing the University within the city -- linking the academic environment and the surrounding public world. Surrounded by neither walls nor gates, Penn prizes public access along its campus perimeter. Lauder had to incorporate a signature piece of such access, while simultaneously providing private open space for its 350 residents.

Role and Approach

David led the architect selection process -- one that, unusually for Penn, included a multi-stage design competition. He then oversaw the building's evolving design, with its integral open space maintaining open campus access at a critical entry, negotiating the public and private realms. He engaged in depth with housing, dining and maintenance colleagues, incorporating their expertise throughout. The richness they brought is apparent in the outcome. He ensured that the project integrated green design features, hidden and visible, making a place exuding attention and care. David's leadership reinforced the project's fundamental aspiration that this complex institutional building read as, and be, a warm home.

Outcome

Lauder is a welcome addition to the array of Penn's offerings for student living and learning, which embraces the many layers of college experience. Its extraordinary sloped lawn, a welcome public gift at the design concept's heart, exemplifies landscape's character-defining role in Penn's identity, rising from 33rd Street grade to serve as planted roof of a dining pavilion that in turn establishes an edge of Lauder's private courtyard. That courtyard, used by everyone entering the building, is the physical core of the building's community identity. Similarly, massing and fenestration, using warm materials evoking the beloved c.1900 Quad at the campus' west end, was humanely molded into distinct parts, expressing its private and shared social structure. Inviting and secure, open and private, Lauder has been in demand since opening, and sets the standard for subsequent campus residential buildings. David's leadership of this substantial project ensured that issues of civic scale and residential scale were given equal attention, demonstrating how an urban campus can fulfill its multiple responsibilities.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Anne Papageorge, RLA

Vice President, Facilities and Real Estate Services

University of Pennsylvania

Relation to Exhibit: oversight of campus planning, design, construction and maintenance

3.3 LAUDER COLLEGE HOUSE



"In August 2016 this beautiful building opened its doors to its inaugural community of 363 residents...and it is from this building, above all, that we have taken the cues for the community we have begun to construct."

-- Dr. Cam Grey, Associate Professor, Classical Studies, and House Director

- 1 Main entrance
 - 2 Double-height lounge
 - 3 Courtyard
 - 4 Dining Pavilion
- All photos on this page © Jeffrey Totaro
- 5 Aerial rendering showing lifted lawn
John Collin, renderer, courtesy of
Bohlin Cywinski Jackson



3.4 PENNOVATION CENTER

ROLE OF NOMINEE:

As client design lead, David early recognized that a building to house innovation should itself be innovative, leading to the selection of a suitably brash design team that might not have been selected for a project on the main campus. The building's resulting renovation inspires creativity within, while simultaneously showing off Penn's innovation leadership.

DESIGN FIRM

Hollwich Kushner (HWKN), New York, NY
Matthias Hollwich, Principal

ARCHITECTURE FIRM OF RECORD

KSS Architects

COMPLETION DATE

2016

SELECTED AWARDS

2017 The Phoenix Award: Brownfield Award, EPA Region 3

2017 Design Award: Merit Award in the Built category, AIA Philadelphia

2017 Grand Jury Award, Preservation Alliance for Great Philadelphia

2017 Rouse Award for Excellence, ULI Philadelphia

2017 LEED Gold, USGBC

2016 Community Impact Award, Commercial Real Estate Women Philadelphia

SELECTED PUBLICATIONS

Sam Lubell, *Wired Magazine*, 25 *Masterpieces That Prove 2016 Was an Incredible Year for Architecture*, December 30, 2016

Melissa Romero, *Curbed Philly*, *Philly's Best New Architecture and Urban Design Wins of 2016*

Diana Budds, *Fast Company*, *Office Design Grows Up*, December 14, 2016

Inga Saffron, *Philadelphia Inquirer* *Changing Skyline: At Pennovation, UPenn creates a lab for the social media age*, October 6, 2016

Challenge

Pennovation Works, a former Dupont Company paint research laboratory complex, is a 23-acre site located along the east bank of the Schuylkill River, near Penn's West Philadelphia campus. Penn acquired it to create a distinctive blend of offices, labs, and production space, bridging intellectual and entrepreneurial initiatives and generating economic development. Its centerpiece, the Pennovation Center, is a multi-functional incubator for small-business startups and Penn entrepreneurs and innovators. As the first highly visible piece of the development, a renovation of a typical and ubiquitous industrial building type, the Center's fundamental project challenge was to create a distinctive and energetic urban landmark embodying a culture of creativity.


Role and Approach

As an off-campus project, the design and construction of Pennovation Works was managed by Penn Facilities' Real Estate Department. David's role was, however, fundamental to the process of architect selection. He drove the process towards edgy design talent of a type that might not have found a place on the main campus itself. And, in his lead design advisory role, David exerted significant influence throughout the project, especially for its exteriors, public spaces, and surrounding landscape.

Outcome

The Pennovation Center energetically evokes Penn's innovative entrepreneurial culture and the start-up businesses attracted to it. An instant landmark, visible to thousands of daily commuters, its startling design planted a flag identifying Penn's transformation of one of Philadelphia's typical and numerous drive-by industrial sites. The explosive new crystalline north façade as well as the quieter but equally provocative new insertion within the southern façade are deeply innovative in themselves, exhibiting a degree of design freedom establishing fresh new approaches for rehabilitating a very common building type. Rather than simply housing innovation, the design expresses it. Retaining the building's wide-open layouts and high ceilings, that freedom is carried out with vigor and consistency throughout its fresh and muscular interior. Importantly, the project indirectly challenged the campus status quo, fostering an innovative brand of architecture and forging new interdepartmental working relationships. Under David's design leadership, the project demonstrated convincingly that Penn's culture could successfully support the creation and execution of bold and innovative real estate projects for research, exploration, and commercial tech transfer. The building inspires creativity within, while simultaneously showing off Penn's innovation leadership.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design

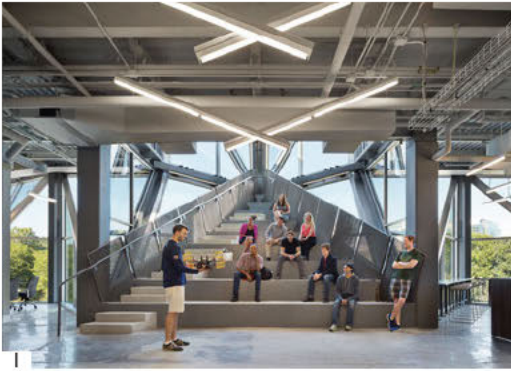


Ed Datz

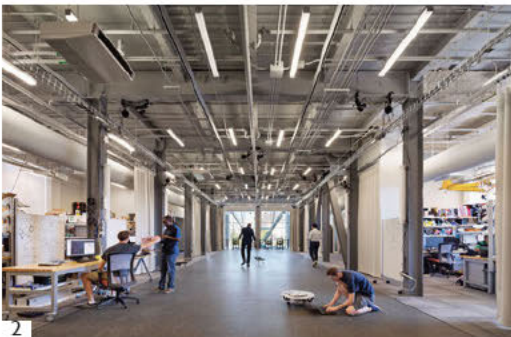
Executive Director of Real Estate, Facilities and Real Estate Services
University of Pennsylvania

Relation to Exhibit: oversight of off-campus development and management

3.4 PENNOVATION CENTER



1



2

"Pennovation announces the future."

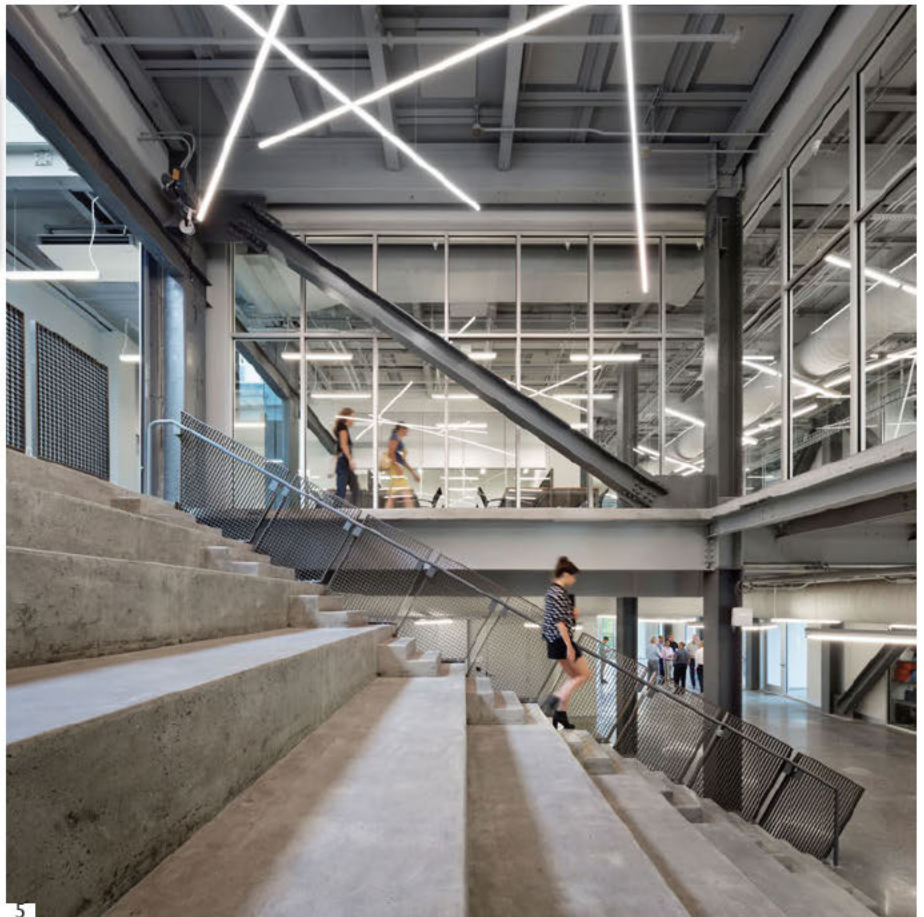
-- Inga Saffron, Philadelphia Inquirer, *Changing Skyline: At Pennovation, UPenn Creates a Lab for the Social Media Age*
October 6, 2016



3



4



5

1 Pitch bleacher

2 Penn Engineering Research and Collaboration Hub lab

3 South entrance façade

4 North and east façade

5 Central bleacher

All photos on this page © Michael Moran

3.5

RICHARDS MEDICAL RESEARCH LABORATORIES

ROLE OF NOMINEE:

As client design lead, David was the conscience inspiring the utmost respect for the renovation of this internationally esteemed National Historic Landmark. Through a project informed throughout by Louis Kahn's clarity, and meeting daunting energy performance goals, the building is now prized not only by architects but by the scientific community within it.

DESIGN FIRM

EYP (Phase 1), Albany, NY
David Fixler FAIA, Principal
Atkin Olshin Schade Architects (Phases 2/3), Philadelphia, PA/Michael Schade, Principal

ARCHITECTURE FIRM OF RECORD

EYP (Phase 1)
Atkin Olshin Schade Architects (Phases 2/3)

COMPLETION DATE

2015 (Phases 1/2) | 2019 (Phase 3)

SELECTED AWARDS

2020 Citation of Merit, Docomomo U.S.
2020 Pennsylvania Historical Preservation Award, Preservation Pennsylvania
2019 Grand Jury Award, Preservation Alliance for Great Philadelphia
2019 LEED Gold (Phase 3), USGBC
2019 Architectural Excellence in Design Bronze Award, AIA Tri-State
2019 Best Historic Preservation Project, General Building Contractors Association
2017 LEED Silver (Phases 1/2), USGBC

SELECTED PUBLICATIONS

David Fixler, Docomomo Journal 58 *Kahn's Modernism and its Renewal* 2018
Inga Saffron, The Philadelphia Inquirer *Changing Skyline: Turning Richards Labs into the building Louis Kahn wanted it to be* January 8, 2016
David Hollenberg, Context Magazine *Rehabilitating Richards* 2016

Challenge

Richards Laboratories, a breakthrough design by Louis Kahn and a National Historic Landmark, is one of the 20th century's essential buildings. Innumerable accretions for wet lab research had choked its interiors, obscuring the clarity of its lauded "served" and "servant" spaces and making it a profligate energy user. The opportunity for its deep renovation emerged in 2012 when Penn issued a "Century Bond," structured to fund projects where energy conservation and deferred maintenance converge, with energy savings paying the interest. So, beyond the inevitable trepidations about intervening in such a revered building, the overarching project challenge was retaining scientific use and achieving the energy savings the Bond necessitated while maintaining and restoring the building's profound power.

Role and Approach

David successfully pursued Richards' designation as a National Historic Landmark in 2009. He later established the emerging project's preservation aspirations, overseeing selection of the architectural teams for its separate phases. He shepherded design throughout -- building on an essential School of Medicine decision to change from wet to dry lab research, which allowed removing Richards' jumble of systems and partitions -- implementing an overall preservation philosophy sensitive to daunting energy performance pressures. Those pressures spurred meticulous evaluation of Kahn's custom window frames' capacity to accept glass that would perform better than the original plate, generating a laminated glazing solution analyzed in concert with proposed building systems. New chilled beams, carefully placed within Kahn's trusses, underscored the building's strong structural character. Similarly, David oversaw the design language for the lab floors' new full height partitions, accommodating Kahn's ceiling grid while recapturing the original intent by leaving large open sections on each floor.

Outcome

The project successfully maintained Richards' presence and power, integrating careful exterior restoration, including new glazing, with visibly compatible new systems that reduced energy usage by approximately 60% and dramatically improved occupant comfort. Through a renovation informed in every space and on every surface by Kahn's clarity, the building is now prized by architects and by the scientific community within it -- pride essential to its future stewardship. David's persistent commitment to getting this renovation right required steady leadership, constant attention to detail, extensive user engagement, coordination with financial goals, and guidance to the architectural and engineering teams.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Anne Papageorge, RLA
Vice President, Facilities and Real Estate Services
University of Pennsylvania
Relation to Exhibit: oversight of campus planning, design, construction and maintenance

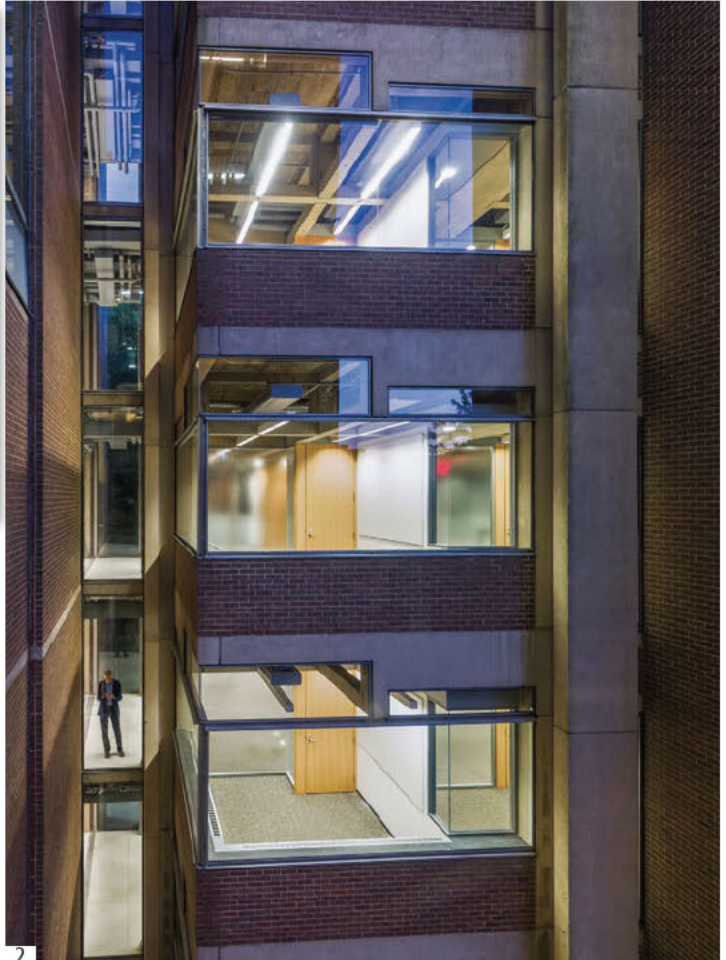
3.5

RICHARDS MEDICAL RESEARCH LABORATORIES



"The renovation has pared Kahn's spaces down to their essence, restoring a Zenlike calm, and revealing the muscular concrete structure that made the design such a revelation in the early 1960s."

-- Inga Saffron The Philadelphia Inquirer Changing Skyline: Turning Richards Labs into the building Louis Kahn wanted it to be, January 8, 2016



- 1 Private office
Photo © Halkin/Mason Photography
- 2 Offices at night
Photo © Jeff Goldberg./ESTO, 2015
- 3 Lounge
Photo © Halkin/Mason Photography
- 4 Open office
Photo © Halkin/Mason Photography
- 5 Original photo of open floor plan, 1961
Photo courtesy of the Architectural Archives, the University of Pennsylvania

3.6

SINGH CENTER FOR NANOTECHNOLOGY

ROLE OF NOMINEE:

As client design lead, David successfully led a process to rethink this demanding building type, starting by soliciting proposals from, and then selecting, architects with no directly relevant prior experience with it. The ultimate design impact of showing off rather than concealing the ongoing research powerfully asserts science as a fundamentally humane endeavor.

DESIGN FIRM

Weiss Manfredi Architecture/Landscape/
Urbanism, New York, NY
Marion Weiss FAIA, Principal
Michael Manfredi FAIA, Principal

ARCHITECTURE FIRM OF RECORD

Weiss Manfredi Architecture/Landscape/
Urbanism

COMPLETION DATE

2013

SELECTED AWARDS

- 2015 Honor Award, AIA National
- 2015 Honor Award, AIA NY
- 2014 Award of Excellence, AIA NY State
- 2014 Best New Educational Building of the Year, Architect Magazine
- 2014 National Innovative Design Award, American Institute of Steel Construction
- 2014 LEED Gold, USGBC
- 2013 American Architecture Award, Chicago Athenaeum
- 2013 International Architecture Award, Chicago Athenaeum

SELECTED PUBLICATIONS

- Edward Keegan, Architect Magazine, *Krishna P. Singh Center for Nanotechnology*, November 01, 2014
- Inga Saffron, Philadelphia Inquirer, *Changing Skyline: Singh Center Enlivens Penn Campus*, September 20, 2013
- James Russell, Bloomberg News, *Penn's \$92 Million Temple of Science Shakes Up Design*, December 5, 2013

Challenge

A building for nanotechnology research fundamentally should be opaque, solid, immovable. Penn wanted no such attributes for its new Krishna P. Singh Center for Nanotechnology, to be located at a main entry point to the campus from downtown Philadelphia. Instead, Penn challenged itself to ensure that this, its first planned cross-disciplinary building, show off the science within it, celebrating the creativity and audacity of the work it contains in an array of interior and exterior public spaces surrounding it.

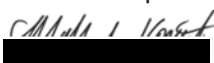
Role and Approach

David led a process for architect selection that explicitly reflected the goal of rethinking this building type -- boldly soliciting proposals from esteemed architects without prior nanotechnology experience, who in turn were asked to team with qualified firms. David then oversaw the evolving design of the building -- particularly its siting, facades, landscaping, and public interiors. The scientific work within, normally hidden, is instead a public asset, shown off through a large amber glass interior wall, opening to crystalline interior space and an entry forecourt that nods to Penn's signature use of landscape. Circulation spirals along the building's crisp curtain wall, on a dramatic stairway enfolding stepped seating platforms leading to the Glandt Forum's dramatic cantilever, flanked by an unexpected and delightful accessible green roof. Other structural gymnastics also enhance impact, deploying discontinuous lines of structure to create a startling and uplifting public space along the clean rooms.

Outcome

The Singh Center successfully rethinks this research building type. It inverts the typical laboratory research building model, focusing laboratories around central public space. Architecture and landscape converge at its heart to provide open spaces for interaction -- allowing panoramic exterior views while opening a view to its research activities in a visually stimulating building expressive of the astounding science in it. The clean rooms' signature amber glass filters ultraviolet light to protect photosensitive equipment, while even more sensitive research is conducted below grade, within a "sweet spot" removed from electromagnetic interference, noise and vibration. Researchers, relieved of their usual isolation through the introduction of natural light into lab spaces, share amenities such as conference rooms and lounge spaces, all visually connected throughout the building and enriched by a surprising sprinkling of superb contemporary art. Powerfully expressing in its design that science is a fundamentally humane endeavor, the Singh Center has proven to be a remarkable recruitment tool.

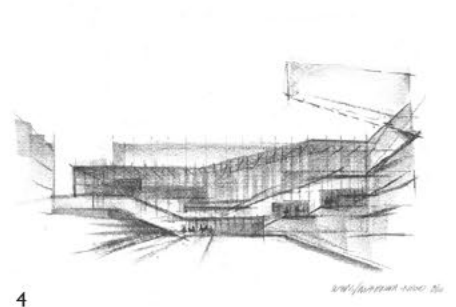
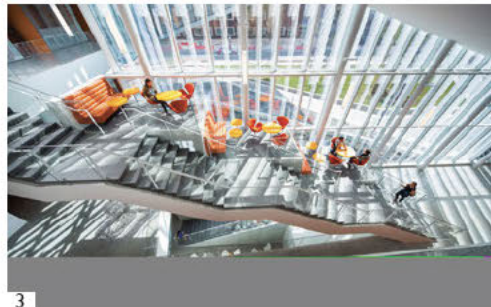
I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Mark Kocent, AIA, AICP

University Architect, Facilities and Real Estate Services
University of Pennsylvania
Relation to Exhibit: University Principal Planner, Office of the University Architect

3.6 SINGH CENTER FOR NANOTECHNOLOGY



“From every spot in the main hall one’s eyes are drawn up to the architectural dance or across the building to the trail of orange tables and chairs or to the glimmering light refracting off the staggered fret pattern in the glass or, indeed, out to the elegant courtyard (where Tony Smith’s arresting sculpture We Lost, long in storage, has been installed), the street and the city beyond.”

-- Nathaniel Popkin and Bradley Maule, Hidden City Philadelphia For Penn’s New Nanotech Center, Architecture to Shift Your Perspective, October 1, 2013



- 1 View from Walnut Street
 - 2 Curtain wall
 - 3 Monumental Stair
 - 4 Sketch from Walnut Street - Courtesy of Weiss/Manfredi
 - 5 Glandt Forum
- All Photos on this page © Albert Vecerka/Esto

3.7 SHOEMAKER GREEN

ROLE OF NOMINEE:

As client design lead, David oversaw the creation of a prized beautiful open space in which are embedded sustainable practices, both lushly visible and completely hidden, with which Penn now manages its entire landscape. The project thus enriched Penn's approach to place-making, beautification, and the responsible stewardship of its open space.

DESIGN FIRM

Andropogon Associates, Philadelphia, PA
Jose Alminana FASLA, Principal

ARCHITECTURE FIRM OF RECORD

Andropogon Associates

COMPLETION DATE

2012

SELECTED AWARDS

2016 ASLA Honor Award in the Research Category, ASLA

2014 ASLA Honor Award in the General Design Category, ASLA

2014 Ground Breaker Finalist, Delaware Valley Green Building Council

2014 Merit Award for Excellence in Landscape Architecture General Design, Society for College and University Planning (SCUP)

2013 SITES Certification, Sustainable SITES Initiative Program

2013 Stormwater BMP Award, Temple-Villanova Sustainable Stormwater Initiative

SELECTED PUBLICATIONS

Landscape Architecture Magazine *The New Green Heart on Penn's Campus*, January 2014

Emily McCoy, *Green Building and Design, Wet Lab* 2014

Damian Holme, *World Landscape Architecture, Shoemaker Green at University of Pennsylvania*, February 14, 2013

Inga Saffron, *Philadelphia Inquirer, Changing Skyline: A lovely link from Penn to Center City* September 21, 2012

Challenge

Penn Park's completion in 2011 shifted the university's center of gravity eastward, necessitating a new green heart for an enlivening campus sector -- one incorporating an enriched pedestrian experience between the lush College Green at campus' core and Penn Park, along a route that before Shoemaker Green was decidedly unappealing. The Green's design challenge was to develop a resonant landscape vocabulary for this new green heart. With daily passive recreation as its primary program, the design was also challenged to accommodate the site's long-standing heavy uses -- crowds for Penn relays, graduation, basketball games -- in a landscape both inviting and tough. Finally, the self-imposed desire to explore comprehensive new approaches to landscape design and management, extending Penn's traditional excellence in these areas, led to the project serving as one of approximately 150 pilots for the Sustainable Sites Initiative, the nation's first rating system for sustainable landscape design.

Role and Approach

Leading the landscape architect selection process, David then oversaw design and review of the overall approach to what was broadly recognized as a profound opportunity to enrich Penn's approach to place-making, beautification, and storm water management. He led in defining and ensuring the overall aesthetic goals -- that the new Green have the DNA of the lush core campus to its west, while introducing fresh elements as transition to the very different landscape language of Penn Park to its east. His leadership in the decision to participate in the Sustainable Sites Initiative, proposed by Andropogon, elevated the design efforts to high performance targets, well beyond landscape aesthetics, calling on broad interdisciplinary expertise from university staff and faculty.

Outcome

With David's leadership, Shoemaker Green immediately became a prized open space, in a campus with many, and made an ensemble -- a place -- of the disparate academic buildings that surround it, for which it has become something like a town green. Its design, optimized to capture and control storm water from the site and its surroundings, providing viable native plant and animal habitats, has served as a platform for furthering Penn's sustainable landscape strategies. Ongoing faculty analysis -- the campus as lab -- has largely confirmed that no rain water has left the Green since its completion. Operational lessons learned by participation in the Sustainable Sites Initiative remain embedded in Penn's sustainable management practices for its entire landscape, creating a systematically mature performance model.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design

Anne Papageorge, RLA
Vice President, Facilities and Real Estate Services
University of Pennsylvania

Relation to Exhibit: oversight of campus planning, design, construction and maintenance

3.7 SHOEMAKER GREEN



2



3



4

“This beautifully detailed design is remarkable for its ability on a central quad to combine green lawn space with rain gardens and systems, which are incredibly hard to merge, and it does it in a comfortable manner. . . It’s going to maintain well. They’ve allowed for tree growth and brought attention to it.”

-- 2014 ASLA Honor Awards Jury

- 1 Rain garden
© Andropogon Associates
- 2 Stormwater diagram
Courtesy of Andropogon Associates
- 3 Seating area
- 4 Event on the lawn
- 5 Nighttime view from 33rd Street
Photos 3, 4 and 5 on this page
© Barrett Doherty



5

3.8

LERNER CENTER (aka MUSIC BUILDING)

ROLE OF NOMINEE:

As client design lead, David oversaw a project combining equal parts of careful preservation and contemporary design, while producing the tightly unified building that was necessary to serve as a suitable home of Penn's prestigious Music Department. Old and new architecture are a precise echo of the pedagogy about old and new housed within the building.

ARCHITECTURE FIRM OF RECORD

Ann Beha Architects, Boston, MA
Ann Beha FAIA, Principal

DESIGN FIRM

Ann Beha Architects

COMPLETION DATE

2010

SELECTED AWARDS

2011 Historic Preservation Award for Compatible New Addition, Public and Institution Award, Preservation Pennsylvania

2011 Merit Award for Excellence in Architecture Addition/Renovation, Society for College and University Planning (SCUP)

2011 LEED Gold, USGBC

2010 Grand Jury Award, Preservation Alliance for Greater Philadelphia

2010 Honor Award for Design Excellence, Citation, Boston Society of Architects,

SELECTED PUBLICATIONS

Sustainable Building Conservation: Theory and Practice of Responsive Design in the Heritage Environment, Chapter 5: Tom Hotaling, *An Integrated Approach To Heritage And Sustainability: Four Academic Building Projects in the USA*, 2019

Architect Magazine, *University of Pennsylvania Music Building*, September 16, 2015

Challenge

The rehabilitation of this prominent c. 1900 Cope and Stewardson building needed to dramatically enhance the home of Penn's prestigious Music Department. Coupled with the adjacent Morgan Building, this distinctive Italianate brick and terra cotta composition complements Frank Furness's National Historic Landmark Fine Arts Library to its west. The challenges of this relatively small scale project had large implications. It had to enhance a historic building and open space at a key campus location. It had to replace two unfortunate additions with a single new one, an important opportunity to prominently express Penn's joint commitment to excellence in preservation and contemporary design. That emblematic combination had to become an important feature within what the project itself needed to create -- one of the University's characteristically intimate open spaces. The project was also Penn's first pursuit of LEED certification.

Role and Approach


Leading an architect selection process that, unusually for Penn, included a design competition to develop an overall approach, David then established and implemented the preservation and new construction philosophy throughout the evolving project. From the outset, the intended outcome was a unified building embodying dialogue between old and new, while making the Music Department's activities accessible and visible. The restored historic building, upgraded acoustically for faculty offices, lounges and meeting rooms, was paired with a contemporary addition doubling the size of the original structure and housing the more acoustically demanding programs, including classrooms, recital and large ensemble practice rooms, and recording studios. Outside, the new terrace and open space design richly extended Penn's landscape tradition, enhancing the campus' green pedestrian network.

Outcome

The project's commitment to preservation is evident throughout the historic building's carefully restored brick and terra cotta exterior. Inside, restored historic architectural features, including the original roof cornices and east wall, are exposed in new common spaces created by the addition. Responding to the existing building, the addition joins a terra cotta rainscreen to large glass expanses shaded with robust louvers. New large classrooms on the ground floor of the addition provide acoustic separation so effective that ensembles perform simultaneously in adjacent rooms.

The project produced Penn's first LEED certification, targeting Silver but achieving Gold. Appropriately for Penn, this LEED effort had building retention and reuse at its core. David's leadership of this relatively modest building program again exemplifies the respect required to reinvigorate our cultural assets, whatever their scale.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design



Mark Kocent, AIA, AICP

University Architect, Facilities and Real Estate Services

University of Pennsylvania

Relation to Exhibit: University Principal Planner, Office of the University Architect

3.8 LERNER CENTER (MUSIC BUILDING)



“The restoration and renovation of this underused, deteriorated building took what was once a good 1920s Jacobean-style building and transformed it into something beautiful and fully functional for a contemporary performing-arts program.”
 -- Jury comments, Boston Society of Architects 2010 Design Awards

- 1 Between new and old, 3rd Floor
- 2 North facade
- 3 Between new and old, Ground Floor
- 4 View from 34th Street
- 5 Classroom
- 6 View from Smith Walk

All photos on this page © David Lamb Photography



3.9

INDEPENDENCE MALL

ROLE OF NOMINEE:

As client design lead for the Northeast Regional Office at the National Park Service (NPS), David led four teams of architects and landscape architects, across seven projects, to transform a site honoring the nation's birthplace. His influence was explicitly realized in the planning, design and overall coherence of several new buildings and landscapes and the repositioning of the Liberty Bell.

MASTER PLAN

OLIN, with Bohlin Cywinski Jackson, Philadelphia, PA

Laurie Olin FASLA, Principal
Bernie Cywinski FAIA, Principal

ARCHITECTURE FIRM OF RECORD

Liberty Bell Pavilion (LBC):

Bohlin Cywinski Jackson, Philadelphia, PA
Bernie Cywinski FAIA, Principal

Independence Visitor Center:

Kallmann McKinnell Wood, Boston, MA
Michael McKinnell FAIA, Principal

National Constitution Center:

Pei Cobb Freed, New York, NY
Henry Cobb FAIA, Principal

LANDSCAPE ARCHITECT

OLIN, Philadelphia, PA
Laurie Olin FASLA, Principal

COMPLETION DATE

2003

SELECTED AWARDS

2004 Honor Award Completed Projects (LBC), AIA Philadelphia

2000 Honor Award for Design (LBC), AIA Philadelphia

SELECTED PUBLICATIONS

Philadelphia Inquirer, *Crowds flocking back to Independence Mall*, 2004

Benjamin Forgey, *The Washington Post*, *A More Perfect Union*, 2003

Inga Saffron, *The Philadelphia Inquirer* *A Perfect Union of Elements*, 2003

Witold Rybczynski, *The New York Times*, *More Perfect Union of Function and Form*, 2003

Witold Rybczynski, *The Atlantic*, *Moving the Bell*, 1998

Challenge

The focal point for millions of annual visitors to Philadelphia, Independence Mall consists of 15+ acres on the three large blocks north of Independence Hall. Created through the demolition of 140+ buildings by the City of Philadelphia and the Commonwealth of Pennsylvania in the 1950s and 60s, it was meant to be a vibrant urban space accommodating a range of special events and contemplative uses. The Mall as designed never successfully attracted visitors, and mostly remained underutilized and ignored. The Park's General Management Plan (GMP) of 1997 called for its comprehensive remaking, spreading an increased variety of experiences and meaning across its full 3/4 mile extent in new buildings and landscape, while maintaining the prominence of Independence Hall itself. This broad challenge included providing open space framing suitable new buildings for viewing and interpreting the Liberty Bell, for celebrating and interpreting the U.S. Constitution, and for orienting visitors to the Park, the City, and the region beyond -- respectively, the Liberty Bell Pavilion, the National Constitution Center, the Independence Visitor Center. The scale and aspirations of the vision went well beyond any reasonable expectation for federal funding, and necessitated a complex weave of projects, funding sources, clients, and design and planning aspirations.

Role and Approach

For almost eight years, from 1995 - 2003, David played the design leadership role on behalf of NPS in the ambitious if not unprecedented transformation of Independence Mall into a dynamic and architecturally distinguished setting for Independence Hall and the Liberty Bell.

He was catalyst of the overall design vision for the new Mall, and the protector of that vision throughout implementation. Responsible for developing broad and clear urban design criteria as a central planning foundation, especially for the Park's GMP, he wrote its "Design Principles" -- clear urban design criteria to underpin all critical planning documents. These unequivocally set the stage for launching the creative urban design and architectural response to the Mall's design challenges. Without them, there would have been no framework for realizing the new vision. They addressed such fundamentals as reintroduction of the city grid into the Mall, edge conditions, overall approach to symmetry, and visitor sequence. They celebrated open space as the key element in demonstrating the values for which the park stands.

He successfully advocated for the guidelines' fundamental principle that contextual contemporary architecture be developed for each new building, rather than the Georgian revival sought by many public figures. He successfully resisted similar impulses to have the entire three blocks be designed by one team, rather than seeking the voices of multiple architects. His persistent connection of such approaches to those that the Park itself celebrates was fundamental to his successful persuasion.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included: client lead for planning and design

Dennis Reidenbach

Dennis Reidenbach
Director, Northeast Region (retired)
National Park Service
Relation to Exhibit: Deputy Superintendent, Independence National Historical Park, at time of project

3.9 INDEPENDENCE MALL



The Master Plan design team, led by Laurie Olin and Bernie Cywinski, created a new approach to the entire mall, with structures on the west side and intimate parks with shade trees on the east, traversed by straight brick pedestrian paths extending the original street grid. They produced three interrelated design products, which David oversaw: 1) the master plan itself, depicting the placement, relationship, and maximum envelope of the mall's new facilities for all three blocks, 2) a detailed site plan for Blocks One and Two, and 3) design guidelines, describing the intended physical design vocabulary of the buildings and open space. These products together defined the physical design and interpretive concerns, while promoting design compatibility across the three blocks. They were utilized by all the entities that built on the Mall, and by their respective design teams. They also were used by the NPS to ensure that the resultant designs supported the mall's broad physical and program goals.

In the end, seven projects were necessary, with different or overlapping clients. David served throughout as NPS' lead contact for design issues with all private, foundation and municipal partners for these projects, developing procurement standards for each, representing NPS in all major design and construction selections, and wooing the best planners, architects, and landscape architects.

Outcome

The result, besides an immeasurable qualitative improvement in overall visitor experience and physical environment, was a sustained surge of visitation, despite the temporary decline in the aftermath of 9/11 and the subsequently imposed security provisions. In fact, 9/11 revealed the underlying strength of the design's bones, accepting security provisions that were able to be incorporated with reasonable grace.

The late addition at the corner of 6th and Market Streets of an interpretive reconstruction of the "President's House," where George Washington kept his household and his slaves -- at the very entry to the new Liberty Bell Pavilion -- made for potent acknowledgement of the contradictions inherent in the nation's founding. The Liberty Bell can now be experienced in the context of a rich exhibit that explains its national and global evolution as a potent symbol of an ongoing rather than a completed trajectory to freedom.

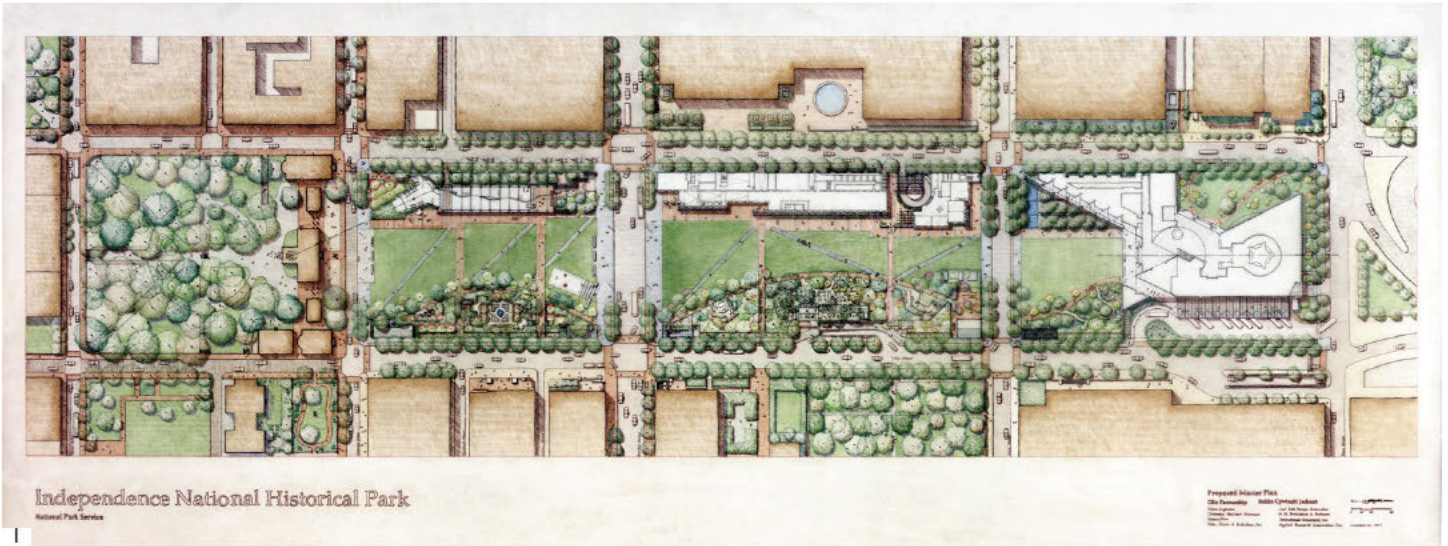
At the other end of the Mall, visitors experience provocative exhibits and demonstrations exploring the history of the U.S. Constitution and its direct impact on the daily life of the nation. In between these two attractions, visitors are guided in multiple ways to explore the Park itself, the rich historic areas outside it, and the equally rich region beyond. Underpinning it all is open space, through which circulates the daily stream of pedestrians visiting and using the park, going about their business, and through their activity exhibiting what a free society looks like.

Given the complexity of the overall effort -- the need to coordinate multiple projects, the involvement of federal, state and city entities and the enormous level of civic engagement -- it was the sustained and unwavering leadership provided by David that brought this challenging remake of one of America's signature places to its successful resolution.



1 Liberty Bell Center
2 View South to Independence Hall from National Constitution Center
3 View of Block 3 Plaza
All Photos on this page © Laurie Olin

3.9 INDEPENDENCE MALL



“Olin credits Bernie Cywinski with the idea of lining up the required buildings one after another on the west side of the mall. The rest is treated as a landscaped park, some of it wooded and some open lawn. It is a brilliant solution.”

-- 1998 Witold Rybczynski, *The Atlantic*, *Moving the Bell*

- 1 Independence Mall Plan
Courtesy of OLIN
- 2 View towards South at Independence Hall
Photo © OLIN
- 3 View toward North to National Constitution Center
Photo © OLIN
- 4 Birds-eye View of the Mall
Photo from online source

