

SANFORD R. BENDER, AIA, LEED AP, CSBA
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267-229-4437-C

PROFILE

Skilled Architect who is capable of managing collaborative interdisciplinary projects for health care, educational, cultural, judicial, government, civic and scientific research buildings with environmental conscientiousness.

QUALIFICATIONS

- **Registered Architect:** New Jersey #21A101448300 & Pennsylvania #RA016045B.
- **Certified Sustainable Building Advisor and LEED Accredited Professional.**
- **Committee Member:** AIA Philadelphia Chapter; Delaware Valley Green Building Council, Advocacy & Education Committees; and the Sustainable Building Advisor Institute.
- **Computer Operator:** Auto Cad, Bentley Micro Station, & Autodesk Revit Architecture Fundamentals.
- **Cartographer, Illustrator, Artist:** US National Park Service sponsored Delaware River Greenway survey and other interdisciplinary environmental design projects.
- **LEED Instructor:** New Construction/ Major Renovations, Montgomery County Community College, PA.
- **Environmental Advisory Committee Board Member:** Newtown Township, Bucks County, PA.

CAREER HISTORY

Government Services IPT, Lanham, MD

2010

**US Special Forces Language Sustainment Training Facility Request for Proposal and Design Analysis:
Fort Campbell, KY: US Army Corps of Engineers; Design & Project Architect**

- Created preliminary architectural plan successfully for client, stakeholder, and cost estimating charette.
- Wrote sections on architecture, acoustics, and sustainability to ensure compliance with goals for linguistic education, building efficiency, and occupant comfort, well-being, and effectiveness to client satisfaction.
- Coordinated architecture, engineering, and site planning disciplines for LEED silver certification.

Ewing Cole, Philadelphia, PA:

2007-2009

US Special Forces Indoor Range: Fort Campbell, KY: US Army Corps of Engineers; Design & Project Architect

- Designed 23K SF adapt build LEED Silver prototype for successful installation in many US military bases.
- Managed documentation of educational ballistic facility with geotechnical, civil, seismic, structural, mechanical, acoustical, electrical, plumbing, fire protection engineers and interior designers in coordination with Department of Defense United Facility Criteria for anti-terrorism to secure positive client approval.
- Participated in USACE ProjNet Quality Assurance dialogue to ensure mutual participant agreement.

Olney Readiness Center, Gaithersburg, MD: Maryland Army National Guard; Design & Project Architect

- Designed 30K SF design build multi-use facility to program requirements to sensitively accommodate soldiers and their families in stressful times of battle and grievous separation.
- Developed contract documents for an accessible educational, physical fitness, and assembly facility as per RFP requirements and DOD anti-terrorism requirements to contractor and client satisfaction.
- Coordinated LEED Silver certification analysis with quality assurance from design through construction administration leading to client and peer review satisfaction.

McGuire Air Force Base, Fort Dix, and Lakehurst Naval Air Station: Joint Base Consolidation Building Feasibility Survey, Analysis and Cost Estimate: McGuire Air Force; Project Architect

- Assessed existing air hangars, catapult runways, air control towers, manufacturing facilities, and barracks for re-use and renovation or demolition and replacement as per budget and within time constraints.
- Led inspection team of civil, structural, mechanical, plumbing and electrical engineers for conclusive survey of structural integrity, roof drainage, occupant comfort, accessibility, and anti-terrorist provisions.

Wallace, Roberts and Todd, LLC, Philadelphia, PA:

2005-2007

Skilled Nursing Facilities: Massachusetts & Maryland; Erickson Retirement Communities; Project Architect

- Designed and provided contract documents for 70K SF three story facilities as per client's vision and goals.

- Assessed habitable green roof, sensory garden alternatives and acoustics for patient health and well-being.
- Detailed nursing stations, kitchen, stairways, elevator shafts, loading docks, and ramps, and provided shop drawing review and site inspection to meet budget constraints and efficient construction sequencing.

Design Charette: Optimizing Green Building through an Interdisciplinary Approach: AIA Philadelphia Design on the Delaware Regional Conference; Team Leader

- Led multidisciplinary teams from AIA Community Design Collaborative, Delaware Valley Green Building Council, Schuylkill River Development Corporation, Philadelphia Horticultural Society, and Philadelphia Water Department on river cruise, trolley tour, and charette to plan sustainable neighborhood and transport system in Philadelphia's Foggy Bottom and Bartram Garden area for city planning committee proposal.

HLM Design/Heery International, Inc., Philadelphia, PA:

2000-2005

Decker Hematology/Oncology Center, Binghamton, NY: Lourdes Hospital; Design & Project Architect

- Integrated architecture, engineering, and interior design with health care programming by doctors, nurses and other health personnel for improved patient care accommodations for this 93K SF healthcare facility.
- Coordinated design development, construction documents, building site inspection, and interdisciplinary review to ensure project completion within budget and time constraints.

Youthful Offender Housing Unit, State Correctional Facility, Muncy, PA: Department of General Services, Commonwealth of Pennsylvania; Design & Project Architect

- Designed 33K SF quadrant unit within operating maximum security woman's prison to provide improved inmate and guard interaction as per Pennsylvania DGS guidelines and applicable code requirements.
- Designed elaborate hardware and gate system, perforated stairways and escape proof security features.
- Surveyed existing conditions for integration of more efficient materials, structural and mechanical systems.

City Hall, Jury Waiting Area, Design and Renovation: Philadelphia, PA: First Judicial District; Design & Project Architect

- Surveyed and researched existing building conditions to retain historical relevance for 10K SF design area.
- Created preliminary accessible and attractive design to incorporate educational media, updated technology, interior design, and lighting to provide jury with productive time while waiting for trial involvement.
- Participated in project meetings with judge, contractors, and engineers for effective teamwork progress.

CUH2A, Inc. Princeton, NJ: _

1995-2000

Central Research Facility, Groton, CT: Pfizer Inc.; Design Architect

- Designed and detailed interior architecture including laboratories, assembly areas, lecture halls, stairways, conveying systems, and millwork with aesthetics, functionality, and accuracy to meet client expectations.
- Observed and prepared on-time construction progress reports for this 112K SF design build project.

Research Laboratory Annex, Nutley, NJ: Hoffman La Roche; Design Architect

- Detailed interior architecture including laboratories, stairways, conveying systems, and exterior elements such as canopies, loading docks, and parking decks within budget and schedule constraints.

EDUCATION

- **China Travel /Study Abroad:** AIA Architecture Expedition to Beijing, Shanghai, Guilin, and Xian.
- **Drexel University, Philadelphia, PA:** Bachelor of Architecture, Cum Laude, Thesis: Concert Hall.
- **New York University, New York, NY:** Master of Arts in Painting and Music.
- **Syracuse University, School of Visual and Performing Arts, Syracuse, NY:** Bachelor of Fine Arts.

AWARDS

AIA Henry Adams Medal, 1994; W.J. Norbeck Dean's List Award, 1993 & 1990; AIA Bucks County Chapter Scholarship, 1992; David Slott Architecture Award, 1992; G.W. Childs Drexel Scholarship, 1992; & Arthur Ross Rome Travel Scholarship, 1992.