

# STANFORD BAIRD

ARCHITECTURE • ENGINEERING • PLANNING

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## CURRICULUM VITAE

### EDUCATION

- Master of Architecture, Cum Laude, College of Architecture and Urban Studies, Virginia Tech, 1986
- Bachelor of Science/Civil Engineering, University of Maine, 1978

### PROFESSIONAL LICENSES & CERTIFICATIONS

- Registered Architect [RA]; Colorado, Maine, Wyoming
- Professional Engineer [PE, discipline: Combined]; Colorado, Maine, Wyoming
- Certified, National Council of Architectural Registration Boards [NCARB]
- National Council of Examiners for Engineering and Surveying record [NCEES]

### WORK HISTORY

#### ARCHITECTURE

Consulting Architect, Engineer & Planner  
Sheridan, Wyoming [Nov 2010 – present]  
London, United Kingdom [March 2010 - Nov 2010]  
Lady Lake, Florida [Dec 2009- March 2010]  
Current projects in Wyoming, Colorado, Maine and the Republic of Ireland

kiosk Architects [Mar 2008 – Dec 2009]  
Cork, Co. Cork, Ireland  
Senior Architect/Technical Director

Baird Farm Studio, Inc., President [Dec 1998 – Dec 2008]  
Chapman, Maine and  
Cork, Co. Cork, Ireland  
Architecture-Engineering-Planning

Northern Maine Community College [2004/05]  
Presque Isle, Maine  
Adjunct Instructor of Architectural Design  
Consulting Architect and Engineer [Sept 1995 – Dec 1998]  
Mapleton, Maine

PDT Architects [May 1992 – Dec 1995]  
Portland, Maine  
Project Architect/Contract Administrator

While at PDT worked with founding partner Frank Locker, PhD, AIA, REFP. Since establishing his own consulting firm Dr. Locker has been voted Planner of the Year by the Council of Educational Facilities Planners International (CEFPI) and established a branch office in the United Kingdom.

Cabinet Express – see “Manufacturing” below [Nov 1990 – Feb 1992]

Consulting Architect and Engineer [May 1990 – Nov 1990]  
Yarmouth, Maine and Washington, D.C.

Archtellic [Mar 1989 – May 1990]  
Portland, Maine  
Project Manager/Senior Specifications Writer/Contract Administrator

Anthony F. DiGregorio Architects [Aug 1987 – Mar 1988]  
Damariscotta, Maine  
Job Captain

Virginia Tech College of Architecture and Urban Studies [Sept 1985 – Dec 1986]  
Alexandria, Virginia  
Graduate Teaching Assistant

Webster-Baldwin-Day-Rohman. P.A. [Nov 1982 – Feb 1984]  
Bangor, Maine  
Architecture-Engineering-Planning  
Contract Administrator/Peer Review

## **ENGINEERING**

Civil, structural and consulting geotechnical engineer [EIT] from 1978.

Civil Engineering: contract administration, subdivisions, site plans, including grading plans, road/drive/parking design, utility installations, surface/underground drainage systems and surface water hydrology analyses.

Structural Engineering – timber, steel and concrete design.

Geotechnical Engineering: foundation analyses and recommendations for buildings, retaining walls and roads/drives/parking, technical reports, rock anchors, slope stability analyses, clay consolidation monitoring, dams, fish ways, waterfront structures, detention ponds, pipelines, drainage systems, sewer systems and sanitary landfills.

Field work: monitoring and testing soil compaction, concrete placement, observation, and testing [both structural and non-structural], pile driving monitoring, installation and monitoring of groundwater monitoring wells, placement and testing of sanitary landfill cover, installation of ground anchors, observation and recording of soil and rock test borings, and observation and densification of soft clay removal and replacement.

As Laboratory Manager performed and trained others to perform geotechnical testing such as rock core analyses, concrete cylinder preparation and testing, mortar cube preparation and testing, grain sized distribution analyses and classification, compaction testing, plasticity testing and classification, consolidation testing, tri-axial testing, and CBR [California Bearing Ratio] analyses.

From January 1982 was a *Certified Concrete Field Testing Technician* for 13 years. This was the first time that Maine offered such certification and this was the first group certified.

## **CONTRACT ADMINISTRATION AND CLERK-OF-THE WORKS**

The following represent larger projects only:

- New 23,000 sf library, IT department and conference center.
- Conversion of a two story academic building into a 150 bed dormitory.
- New 162,000 sf, four story bank operations center.
- New corporate headquarters for an international retailer.
- Two high schools
- Middle school; 50,000 sf addition and 50,000 sf renovation.
- Five new elementary schools for three different school districts.
- Forty-three unit subdivision.

- Thirteen projects for federally subsidized [HUD] family and elderly housing.

#### LITIGATION, ARBITRATION, MEDIATION

Expert Witness

#### MANUFACTURING

Cabinet Express [Nov 1990 – Feb 1992]

Washington, D.C.

Director of Operations for an architectural millwork company specializing in mass produced cabinet components. Systems designer, advisor for the strategic plan and consultant to marketing.

#### REPRESENTATIVE PROJECTS [private practice unless noted otherwise]

##### INSTITUTIONAL

###### EDUCATIONAL

###### Universities & Colleges

- New 23,000 sf library, IT department and conference center. Consulting architect and civil engineer.
- Renovation of an existing academic building to accommodate a new bookstore and switchboard.
- New wilderness research center with living accommodations for the forestry department.
- 16,000 sf office and laboratory addition to an existing academic building. [staff architect and specification writer for a private firm]

###### Public schools

- Ten year comprehensive plans and facilities space needs studies for three school districts.
- Applications for *Major Capital Improvement Program* projects for two school districts. One application was successful and a new \$23 million pre-kindergarten through high school building and grounds was completed in 2009.
- Sixteen projects from 1998 to 2006 for a single school district including ten renovation projects. One project resulted from a successful application for *Revolving Fund* financing.
- 7000 sf renovation to accommodate new offices for the superintendent of schools.
- Americans with Disabilities Act [ADA] review of five district school buildings.
- Consulting architect for a library and classroom addition to a high school.
- Consulting architect for additions and renovations to an existing elementary school.
- 50,000 sf addition and a 50,000 sf renovation for a middle school. [project architect for a private firm]
- Technical coordinator/architect for a three-school project involving middle schools. [project architect for a private firm]

###### Native American Cultural, Community, and Educational Center

- Programming and grant consultant for a new building. The grant application was successful.

###### MEDICAL

- New 4200 sf Residential Care Facility [Adult Family Care Home]. On time, under budget with zero dollars in change orders.
- Consulting architect for complete re-design and renovation of the emergency department and trauma center for a regional medical center.
- Consulting architect for a new obstetrics, gynecology, and pediatrics clinic in a regional medical center.
- Consulting architect for a new veteran's clinic in a regional medical center.
- Programming, design and grant consultant for a 28 bed veteran's residential care facility. The grant application was successful.
- New building to accommodate a dental surgery and laboratory.
- Tenant fit-up for three general practitioner clinics.
- 4500 sf hospital laboratory renovation. [project architect for a private firm]
- Complete renovation of an existing two story radiology center. [project architect for a private firm]

- Tenant fit-up for a 7000 sf clinic including advanced medicine, orthopaedic physicians, and general practitioners. [project architect for a private firm]
- Tenant fit-up for a phlebotomy laboratory. [project architect for a private firm]
- New orthopaedic clinic. [project architect for a private firm]

## GOVERNMENT

### FEDERAL

United States Department of Agriculture [USDA]

- Two new district office buildings; 10,000 sf and 12,000 sf.

United States Department of State, Bureau of Consular Affairs

- Consulting architect for tenant fit-up including additions and renovations for a northeast regional visa/passport processing center.

United State Postal Service [project architect for a private firm]

- Accessibility study for a 350,000 sf central distribution center.
- Complete renovation of an existing municipal post office.

### STATE

Maine Department of Health and Human Services

- Proposal for new 24,000 sf regional office building.

Maine Judicial Court System

- Renovation of Superior Court offices.
- Renovation of the District Court lobby and offices.

Maine State Department of Conservation, Bureau of Parks and Lands

- Consultant for renovation and preservation of several historically significant buildings.

### MUNICIPAL

- Feasibility Study for a new office building and brain injury center. Funded by the Wyoming Business Council.
- Feasibility study for a new multi-purpose municipal building. Funded by the Wyoming Business Council.
- Town hall additions & renovations for four communities.
- Consulting architect for an addition to an existing building to accommodate a day care center.
- Consulting architect for a new swimming pool support building.

## FINANCIAL

- New bank operations center.
- Four new branch banks [one as project architect for a private firm]

## MUSEUMS

- New 6000 sf private agricultural museum.
- Addition to an existing museum.
- Lumberman's museum; design for new headquarters, gift shop, canteen and restoration shop.
- Consultant for Americans with Disabilities Act [ADA] renovations for a historically significant private local history museum.

## RELIGIOUS

- Three new churches; two Roman Catholic and one Congregational. [job captain for a private firm]

## COMMERCIAL

### OFFICE BUILDINGS

- Architect and structural engineer for an office tenant fit-up.
- New art studio addition to an existing building.
- 7000 sf tenant fit-up for an insurance company in a new, high rise, commercial office building. [project architect for a private firm]

### HOTELS

- Two new sporting camp lodges with restaurants.

- New 56,000 sf, 50 room hotel with a restaurant, banquet facilities, and health club. [staff architect and specification writer for a private firm]

#### RESTAURANTS

- Renovation of a historically registered bank to accommodate a new restaurant.
- Conversion of a retail store/apartment building to a two story restaurant.
- Tenant fit-ups and/or renovations for several new restaurants.

#### MERCANTILE

- New 24,000 sf supermarket.
- Thirty new multi-tenant retail stores between 7300 and 12,000 sf.
- Tenant fit-up for an office supply store.

#### AGRICULTURAL

- Two new barns for polo ponies and associated activities.

#### INDUSTRIAL

- New office and laboratory addition for a frozen food processing plant.
- New processing facility for a maple syrup producer.

#### RESIDENTIAL

- Consulting architect for a 620 m<sup>2</sup> [6700 sf] private residence in Ballycotten, Co. Cork, Ireland. €2,200,000 [\$2.5 million = \$373/sf].
- Consulting architect for two new penthouse condominiums on an existing 6-story building in London, England. 320 m<sup>2</sup> each [6880 sf total]. Anticipated sales price £4-5 million each [total \$13-16 million].
- Consulting architect for a 380 m<sup>2</sup> [4100 sf] private residence in Kinsale, Co. Cork, Ireland. €2,200,000 [\$2.8 million = \$680/sf].
- 368 m<sup>2</sup> [4000 sf] private residence in West Cork, Ireland. €950,000 [\$1.3 million = \$325/sf]. [project architect for a private firm]
- Building design and site plan for a 40 unit condominium project. Ten 4 unit buildings, community center, swimming pool, and park.
- Many multi-unit subdivision and estate projects.
- Many one off single family homes up to 6400 sf.
- Several apartment buildings, both new and renovations, from two to six units each.

#### CIVIC [all Pro Bono]

- Antelope Butte Foundation; addition to and renovation of the clubhouse.
- Habitat for Humanity housing; 15 projects; 1000+ hours.
- New 6600 sf sporting club clubhouse and indoor shooting range.
- Boardroom, commercial kitchen and restroom addition to an existing clubhouse.
- Renovation for biologists' living quarters at a not-for-profit fish hatchery.
- New clubhouse with commercial kitchen for a snowmobile club.
- New stable for 18 harness racing horses at a community fair ground.

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References available upon request.

**END OF CURRICULUM VITAE**