



Back to Terra – Sustainable Architecture

CHARLES W. CRANE (CHUCK), AIA, LEED AP BD+C, CSBA, NCARB, BCA

Principal Green Architect | LEED Accredited Professional Building Design + Construction

Certified Sustainable Building Advisor | Green Consultant | Project Manager

Building Condition Assessment Consultant

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Education:

Business Entrepreneurship Training, LDS Business College, Deer Park, Washington (2018)

Green Building Certification Institute, GBCI - Credentialing Maintenance Program, Spokane, Washington (2009 - present)

Bachelor of Architecture, Washington State University, Pullman, Washington (1990)

Bachelor of Science in Architectural Studies, Washington State University, Pullman, Washington (1990)

Environmental Design Studies, University of Colorado, Boulder, Colorado (1984 -1986)

Undergrad Work, Accounting and Religious Studies, Brigham Young University, Provo, Utah – (1981)

Registration/Certification:

Certified Architect with National Council of Architectural Registration Boards (NCARB) – Certificate # 77353 (Jan 2014 – present)

Licensed Architect in the State of Idaho – License # AR-986330 (Feb 2018 – present)

Licensed Architect in the State of Washington – License # 7279 (Jan 1998 - present)

Licensed Architect in the State of Oregon – License # ARI-12472 (May 2019 – present)

Licensed Architect in the State of Hawaii – (in process)

Licensed Architect in the State of Alaska – (in process)

Building Condition Assessment Consultant, BCA (Certified 2017)

Certified Sustainable Building Advisor, CSBA (Certified 2012)

LEED Accredited Professional, LEED AP BD+C (Accredited 2009)

LEED Accredited Professional, LEED AP (Accredited 2004)

Affiliations and Volunteer Work:

Member, American Institute of Architects, AIA (1988 - present)

Member, AIA Committee on the Environment (2000 - present)

Member, United States Green Building Council, USGBC (2004 - present)

LEED Training Mentor, Integrus Architecture (2004 – 2011)

Steering Committee Member, Cascadia Inland Branch Collaborative, Cascadia (2015 - present)

Steering Committee Chair, Co-Chair, LEED User Group Coordinator, Cascadia Inland Branch Collaborative, Cascadia (2006 - 2011)

President, Carnegie Square Toastmasters, Toastmasters International (2011 - 2012)

Chairman and Member, Environmental Resource Committee, ALSC Architects (January 1998 – May 2002)

Church of Jesus Christ of Latter-Day Saints – Sunday School President, Priesthood Teacher and past Assistant Scoutmaster

Cubmaster and Committee Chair, Cub Scout Pack 115, Ridgeview Elementary, Spokane, Washington (1999 - 2003)

Committee Member, Boy Scouts of America, Cub Scout Pack 115 & Boy Scout Troop 130 (1995 - 1999)

Assistant Scoutmaster, Shadle Park Ward, LDS Troop, (1990 - 1994)

Habitat for Humanity, Meals on Wheels, Second Harvest Food Bank & Crosswalk/Volunteers of America (ongoing)

Work History – Architectural | Sustainable Consulting:

Back to Terra Sustainable Architecture (March 2014 – present)

BLRB Architects (August 2015 – April 2017)

Back to Terra Architecture and Sustainable Design (April 2013 – February 2014)

Back to Terra Sustainable Consulting (November 2012 – March 2013)

RAFI Architecture and Design (June 2012 – November 2012)

Integrus Architecture, PS (2002 to July 2011)

ALSC Architects (1998 - 2002)

Tan Heyamoto Architects (1990 – 1998)

WMFL (Re-branded Integrus Architecture, PS – Summer/Christmas Vacation Internship, 1989)

Design Works Northwest (Winter/Spring Internship, November 1989 – April 1990)

Washington State University – Professor's Aid – Architectural History, Kirkland Cutter Research & Built Environment (1987 - 1990)

For 29 years I have collaborated on designs and led architectural project teams. I am NCARB Certified, which allows me to be easily licensed anywhere in the U.S., Canada and other select countries. I have a broad understanding of sustainability and am currently a LEED Accredited Professional (AP) with a focus area in Building Design + Construction (BD+C). I have worked in that specialty area, mentoring other LEED AP's, while studying further to achieve my Sustainable Building Advisor certificate (CSBA). I also have experience in LEED for Existing Building Operations and Maintenance (EBOM) and have familiarity with LEED Core and Shell,

LEED for Interiors and LEED for Homes/Community. I have an understanding of the Washington Sustainable Schools Protocol (WSSP), Evergreen and Living Building Challenge, NetZero, WELL and the new International green Construction Code (IgCC). I have built a strong foundation in the field of sustainability throughout my years as an Architect.

During my architectural practice, I have worked on a broad range of projects with particular emphasis on Government, Higher Education and K-12 projects. My experience working with clients as a Project Architect is extensive and I have been successful in developing detailed, accurate construction documents meeting client requirements in an efficient, cost effective manner. I am fluent in AutoCAD and am increasing my knowledge base in Revit/BIM. I have served as Branch Manager/LEED Project Team Administrator at BLRB Architects, a Project Manager/Project Architect/LEED Project Team Administrator at Integrus Architecture and as Studio Director of the office staff and Project Manager/Project Architect at RAFI Architecture & Design. I am currently acting Principal Architect for Back to Terra Sustainable Architecture in Chattaroy, Washington, north of Spokane. I have 37 LEED, Evergreen and WSSP green rated projects under my belt and 9 projects that accomplished a LEED equivalent. I have project experience from small residential remodels, custom homes to commercial projects and U.S. Embassies with budgets over 160 million.

Chronological Resume (below and on following pages):

Back to Terra Sustainable Architecture – Green Architect/Principal Architect – Spokane, WA (June 2015 - present)

- Monroe Street Commercial Facade Upgrade, Spokane Washington – Green/Principal Architect
- Lateral Bracing Verification, Tire Shop, Airway Heights, Washington – Green/Principal Architect
- Parent Suite Addition, Deer Park, Washington – Green/Principal Architect
- South Hill War Box Bungalow Residence Remodel, Spokane, Washington – Green/Principal Architect
- South Hill Lateral Bracing Consulting, Master Bedroom/Walk-In Closet, Spokane, Washington – Green/Principal Architect
- Commercial Mini-Mall Fire Protection, City of Spokane Valley, Washington – Green/Principal Architect
- Custom Three-Thousand Square Foot Residential Addition, Mica, Washington – Green/Principal Architect
- Silver Lake Custom Home, Medical Lake, Washington – Green/Principal Architect
- South Hill Bungalow Guest Room/Mud Room Addition, Spokane, Washington – Green/Principal Architect
- Wedding Chapel As-Built, Downtown Spokane, Washington – Green/Principal Architect
- South Hill Historic Home Window Addition/Replacement, Spokane, Washington – Green/Principal Architect
- Home Recording Studio, 5 Mile Prairie, Spokane, Washington – Green/Principal Architect
- Metal Building, Shop and ADU, Spokane, Washington – Green/Principal Architect
- Motocross Shop/Residence, Green Bluff, Washington – Green/Principal Architect
- Boone Residence/Garage Addition, Spokane, Washington – Green/Principal Architect
- York Avenue Porch Column/Canopy Repairs, Insurance Work, Spokane, Washington – Green/Principal Architect
- Newport School District, Building Condition Assessment, Newport, Washington – Green/Principal Architect
- Tiffany Glass Shop Addition, Spokane, Washington – Green/Principal Architect
- Hawanasa Residence As-Built, Chattaroy, Washington – Green/Principal Architect
- Deer Creek Underground Cabin (Earthship), Chattaroy, Washington - Green/Principal Architect
- 720 Haberdashery, Coeur d'Alene, Idaho – Green/Principal Architect
- Walsh Law Group, Coeur d'Alene, Idaho – Green/Principal Architect
- Metal Warehouse and Office Building, Moses Lake, Washington – Drafting, Code Work
- Patio Trellis, Spokane, Washington – Green/Principal Architect
- Wine Cellar/Tasting Room, Spokane, Washington – Green/Principal Architect
- Cori Ranch Development and Garage, Spokane, Washington – Green/Principal Architect
- Priest Lake Cabin, Priest Lake, Idaho - Green/Principal Architect
- Domino's Store, Central Point, Oregon – Green/Principal Architect
- Custom Green Home, Elk, Washington – Green/Principal Architect
- Tiny Home, Medical Lake, Washington – Green/Principal Architect
- South Hill Kitchen Remodel, Spokane, Washington – Green/Principal Architect
- Alaska Warehouse Project, Valdez, Alaska – Green/Principal Architect
- Hawaiian Custom Home Development, Maui, Hawaii – Joint Venture Architect
- Custom Sustainable Home, Elk, Washington – Green/Principal Architect
- Pleiades Enterprises, LLC Early Learning Child Care Facility (Storybook Cottage), Classroom Addition, Oldtown, Idaho – Green/Principal Architect
- Pleiades Enterprises, LLC Early Learning Child Care Facility (Storybook Cottage), Bus Garage, Oldtown, Idaho – Green/Principal Architect
- Custom Home Development, Sandpoint, Idaho - Green/Principal Architect
- Master Suite Creation/Renovation, Dartford Area, Spokane, Washington – Green/Principal Architect
- Conversion of Home to Fourplex, South Hill, Spokane - Green/Principal Architect
- Deck Project, Newman Lake, Washington – Green/Principal Architect
- Two Story Addition, Post Falls, Idaho – Green/Principal Architect
- Custom Hill Home, Coeur d'Alene, Idaho – Green/Principal Architect

- Wilson Carport Project, Spokane, Washington – Green/Principal Architect
- Dodge Custom Green Residence, Post Falls, Idaho – Green/Principal Architect
- Walk Residence Remodel, Spokane, Washington – Green/Principal Architect
- Exxon Station Replacement, Spokane, Washington – Green/Principal Architect
- Pleiades Enterprises, LLC Early Learning Child Care Facility (Storybook Cottage), Oldtown, Idaho – Green/Principal Architect
- Community Church Project, Oldtown, Idaho – Green/Principal Architect
- Chattaroy Residence Addition, Chattaroy, Washington – Green/Principal Architect
- Cook South Hill Residence Addition & Remodel, Spokane, Washington – Green/Principal Architect
- Hansen Custom Tiny House, Spokane, Washington – Green/Principal Architect
- Bay Residence Master Suite Addition, City of Spokane Valley, Washington – Green/Principal Architect
- Giles Residence Addition & Remodel, Green Acres, Washington – Green/Principal Architect
- Flour Mill Natural Market, Hayden, Idaho – Green/Principal Architect
- Sunflower Tiny House, Coeur d'Alene, Idaho – Green Materials Consultant
- Domino's Pizza Bakery Store #7184 T.I., 5th & Thor, Spokane, Washington – Green/Principal Architect
- Valley Pole Barn Residence, City of Spokane Valley, Washington – Green/Principal Architect
- Earthship Custom Residence, Plains, Montana – Green/Principal Architect
- Eagle Ridge Residence Canopy, Spokane, Washington – Green/Principal Architect
- Domino's Pizza Bakery Store #7187 T.I., N Hamilton Street, Spokane, Washington – Green/Principal Architect
- McConnell Shop & Deck, City of Spokane Valley, Washington – Green/Principal Architect
- Burned Residence Framing Diagram, City of Spokane Valley, Washington – Green/Principal Architect
- Community Frameworks Home, Spokane, Washington – Drafting, Design
- Newport Roxy Theater ADA Improvements Study, Newport, Washington – Green/Principal Architect
- Pendell Residence & Hobby Shop, Spokane, Washington – Green/Principal Architect
- Raheel Residence Lot 2, Spokane, Washington – Green/Principal Architect
- Kenny V's Automotive, Coeur d'Alene, Idaho – Green/Principal Architect
- Hell Yeah Motorcycles, City of Spokane Valley, Washington – Green/Principal Architect
- Strike Zone Laser Tag, City of Spokane Valley, Washington – Green/Principal Architect
- Cottage Development, Five Mile Prairie, Washington – Green/Principal Architect
- Randal Residence Addition, Five Mile Prairie, Washington – Green/Principal Architect
- Straw Bale Home, South Hill, Spokane, Washington – Drafting, Design
- Moon Bathroom Remodel, Five Mile Prairie, Washington – Green/Principal Architect
- Lyon Residence, Tiny House Pole Barn Remodel, Liberty Lake, Washington – Green/Principal Architect
- RW Fab with KCI Construction, Spokane, Washington – Green/Principal Architect
- Prep School, Spokane, Washington – Drafting, Design
- Brothers in Arms Health Club, Deer Park, Washington – Green/Principal Architect
- Martinelli Home Addition, Spokane, Washington – Green/Principal Architect
- Ellis Basement Beam Replacement, South Hill, Spokane, Washington – Green/Principal Architect
- Hauk Residence, Copper Curve Canopy, Spokane, Washington – Green/Principal Architect
- Department of Natural Resources, Omak, Washington – LEED Green Rating System Consultant
- Schupp Recreation Center, Shop and Home Theater, Colbert, Washington – Green/Principal Architect
- Medical Lake Residence, Medical Lake, Washington – Green/Principal Architect
- Parker Residence, Plan Review for HOA, Spokane, Washington – Project Reviewer
- Pester Residence, Custom Steel and Exposed Aggregate Elevated Concrete Deck, Spokane, Washington – Principal Architect
- Devin Hughes Residence, Spokane, Washington – Green/Principal Architect
- Fernwell Building, Suite 650 Tenant Improvement, Spokane, Washington – Principal Architect/Space Planning

BLRB Architects – Spokane, Washington – Acting Branch Manager (August 2015 - present)

- Clarkston Pre-Bond Planning and Study and Survey, Clarkston School District, Clarkston, Washington – Project Manager
- East Valley Study and Survey, East Valley School District, Spokane Valley, Washington – Project Manager
- Covington Elementary School, Kent School District, Covington, Washington – Project Architect
- Security Vestibules – 2017 – Mountainview Middle School, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2017 – Farwell Elementary School, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2017 – Mt Spokane High School, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2017 – Mead High School, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2017 – Meadow Ridge Elementary, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2017 – Colbert Elementary, Mead School District, Mead, Washington – Project Manager
- North Redmond Elementary School, Redmond School District, Redmond, Washington - Quality Control
- Walla Walla Service Center Office, City of Walla Walla, Walla Walla, Washington – Project Manager
- Fairview Elementary School, Reynolds School District, Portland, Oregon – Project Architect
- Security Vestibules – 2016 – Evergreen Elementary, Mead School District, Mead, Washington – Project Manager
- Security Vestibules – 2016 – Brentwood Elementary, Mead School District, Mead, Washington – Project Manager

- Wilburton Elementary School, Bellevue School District, Bellevue, Washington - Quality Control
- Omak Study and Survey, Omak School District, Omak, Washington – Project Architect
- Rebuild Veterans Memorial Pool, City of Walla Walla, Walla Walla, Washington – Project Architect
- Gary Middle School Demolition and Replacement, Spokane Public Schools, Spokane, Washington – Project Manager
- Cheney Hall Plastics and Fluids Labs, Eastern Washington University, Cheney, Washington - Project Manager/Project Architect

Back to Terra Architecture and Sustainable Design –Maben, MS - Architect/Owner/Studio Director (April 2013 – May 2015)

- LEED Consulting Proposals, various projects for Architectonics, Starkville, Mississippi
- Loft Renovation/Man-Cave, Starkville, Mississippi - Green/Principal Architect
- Replacement and Upgrade to Stamford Museum and Nature Center - Proposal, Stamford, Connecticut – Sustainability Consultant, Joint Venture with Design R Architecture

Back to Terra Sustainable Consulting – Las Vegas, NV – Architect/Owner/Studio Director (November 2012 – March 2013)

- Launched Back to Terra website November 30, 2012
- LEED Consulting for Integrus Project Ben Franklin Transit Existing Administration Building Renovation and Shops, Kennewick, Washington – LEED Project Team Administrator (LEED Gold v2.2 – March 2013)
- LEED Consulting for Integrus Project - Ben Franklin Transit New Administration Building, Kennewick, Washington – LEED Project Team Administrator (LEED Gold v2.2 – March 2013)

RAFI Architecture & Design – Las Vegas/Henderson, Nevada – Studio Director (June 2012 - November 2012)

- Creech Recreation Center, Creech Air Force Base, North Las Vegas, Nevada – Proposal Writer/Project Manager/Project Architect
- Nellis Building 283 Electrical Upgrades, Nellis Air Force Base, Las Vegas, Nevada – Proposal Writer/Project Manager/Project Architect
- Repair Research Aircraft Integration Facility (RAIF), NASA Dryden Flight Research, Andrews Air Force Base, Lancaster, California – Proposal Writer/Project Manager/Project Architect
- Vehicle and Ground Equipment (AGE) Maintenance Facility, NASA Dryden Flight Research, Andrews Air Force Base, Lancaster, California – Proposal Writer/Project Manager/Project Architect/LEED Project Team Administrator (LEED Platinum v3.0 goal/Net Zero Building targeted)
- Repair Aircraft Hanger Fire Protection System, NASA Dryden Flight Research, Andrews Air Force Base, Lancaster, California – Proposal Writer/Project Manager/Project Architect/CAD Drafting
- Chairman’s Offices of Sheldon Adelson, Sands Corporation, Las Vegas, Nevada – Project Manager/Project Architect/ Pre-Design Survey/Analysis/CAD Drafting
- Palazzo Pools, The Palazzo Resort, Las Vegas, Nevada – Project Manager/Project Architect/Specification Writing/LEED Participant (partial LEED goals targeted for Recycling and Recycled Content Materials)
- Landsman Gardens, Southern Nevada Regional Housing Authority, Henderson, Nevada – Project Manager/Project Architect/Specification Writing (Buy America materials targeted)
- Biegger Estates, Southern Nevada Regional Housing Authority, Las Vegas, Nevada – Project Manager/Project Architect
- Taxiway Expansion, NASA Andrews Air Force Base, Lancaster, California – Project Manager/Project Architect
- Mission Control, NASA Dryden Flight Research, Andrews Air Force Base, Lancaster, California – Project Manager/Project Architect
- Justice Facility Front Entry Remodel, Henderson, Nevada –Project Management/Project Architect/ Specification Writing
- Nevada Veterans Home – Boulder City, Nevada - Specification Writing

Integrus Architecture – Spokane, Washington - Project Architect/Project Manager (2002 - July 2011)

- Foley U.S. Federal Building – LEED Specialist/Manager working with Brightworks (LEED Silver for Existing Buildings Operations & Maintenance v.3.0 – January 2014)
- Alouette Correctional Center for Women, Abbotsford, British Columbia, Canada - LEED Manager (LEED Gold – LEED Canada – highest level of sustainability for a British Columbia corrections facility - awarded February 2015)
- Carpentry Building, Spokane Community Colleges, Spokane, Washington – LEED Manager (LEED Gold v2.2 - July 2013)
- Technical Ed Building, Spokane Community Colleges, Spokane, Washington – LEED Manager (LEED Gold v2.2 - July 2013)
- Walla Walla Community College, Health Sciences Building, Walla Walla, Washington – Code Review/Quality Control
- Spokane VA Outpatient Mental Health Building, Spokane, Washington – LEED In-House Review (LEED Silver v2.2 equivalent)
- Washington Youth Academy, Bremerton, Washington – LEED In-House Review (LEED Silver v2.2 August 2010)
- Wellpinit Schools, Wellpinit Indian Reservation, Wellpinit Washington – Revit Drafting/WSSP Programming/ WSSP Coordinator (LEED Gold v3.0 equivalent)
- Grant County Mental Health, Quincy, Washington – Evergreen Rating System (LEED Silver v3.0 equivalent)
- Grant County Boarding Home, Quincy, Washington – Evergreen Rating System (LEED Silver v3.0 equivalent)
- Science Phase II, Central Washington University, Ellensburg, Washington – LEED Project Team Administrator (LEED Gold v3.0)
- Old Heat Plant, Central Washington University, Ellensburg, Washington – LEED Project Team Administrator (LEED Gold v3.0)

- Ben Franklin Transit Existing Administration Building Renovation and Shops, Kennewick, Washington – LEED Project Team Administrator (LEED Gold v2.2 – March 2013)
- Ben Franklin Transit New Administration Building, Kennewick, Washington – LEED Project Team Administrator (LEED Gold v2.2 – March 2013)
- Walla Walla Police Station, Walla Walla, Washington – LEED In-House Review (LEED Silver equivalent)
- Alice A. Payne Health Care, Washington Corrections Center for Women, Purdy, Washington – Construction Document Quality Control Reviewer/LEED Specialist/Manager (LEED Silver v2.2 – March 2011)
- United States New Embassy Compound, Santo Domingo, Dominican Republic – Code Analysis/Code Reports for the campus of buildings/LEED Project Team Administrator (LEED Gold v3.0 – June 2015)
- Wenatchee Valley College Music and Arts Building, Wenatchee, Washington – LEED Project Team Administrator (LEED Gold v3.0 goal)
- Airway Heights Corrections Facilities, Admin Building TPB, Airway Heights, Washington – LEED Project Team Administrator (LEED Silver v2.2 – April 2010)
- Airway Heights Corrections Facilities, Visitors Building C2, Airway Heights, Washington – LEED Project Team Administrator (LEED Silver v2.2– April 2010)
- Spokane Public Schools, North Central High School Remodel and Classroom Addition, Spokane, Washington – Project Architect/Programming/Space Planning
- Spokane Public Schools, North Central High School Pacific Park Playfields (Baseball/Softball/Soccer), Spokane, Washington – Project Manager/Project Architect/Design
- Spokane Falls Community College, Music Building, Spokane, Washington – LEED Project Team Administrator (LEED Gold v2.2)
- United States New Embassy Compound, Djibouti, Republic of Djibouti – LEED Project Team Administrator (LEED Silver v2.2 - December 2011)
- United States New Consulate Compound, Tijuana, Mexico – LEED Project Team Administrator (LEED Silver v2.2)
- Integrus Architecture Seattle Office, Union Trust Annex, Seattle, WA – LEED Manager (LEED Gold for Interiors v2.2)
- Central Washington University, Randall & Michaelson Hall Remodel & Addition, Ellensburg, Washington – Project Manager/Project Architect/Design/CAD Drafting
- Coyote Ridge Corrections Center Expansion, Connell, Washington – LEED Specialist/Manager (LEED Gold – first corrections facility in U.S. to receive LEED Gold v2.2 rating)
- Richland School District, Hanford High School, Miscellaneous Projects, Richland, Washington – Construction Administration/LEED Programming Advisor (LEED Silver v2.1 equivalent)
- Washington State Employee Credit Union, WSU CUB Branch, Pullman, Washington – Project Manager/Project Architect/CAD Drafting/Construction Administration/LEED Specialist/Manager (LEED Silver v2.1)
- US Bank/Cougar Cards, WSU CUB Branch, Pullman, Washington – Project Manager/Project Architect/CAD Drafting/Construction Administration/LEED Specialist/Manager (LEED Silver v2.1)
- Washington State University, Compton Union Building Renovation, Pullman, Washington – Project Co-Manager/Project Architect/Demo As-Built/Construction Administration/CAD Drafting/ LEED Specialist/Manager working with Brightworks (LEED Silver v2.1 – first building on any WSU campus to receive a LEED rating)
- Washington Mutual Bank Remodel, Spokane, Washington – Project Manager/Project Architect/CAD Drafting
- Monroe Correctional Complex, Intensive Management Unit, Monroe, Washington – LEED In-House Review (LEED Silver v2.1)
- United States New Embassy Compound, Sarajevo, Bosnia – LEED Project Team Administrator (LEED Certified v2.2)
- United States New Embassy Compound, Algiers, Algeria – LEED Project Team Administrator (LEED Certified v2.1)
- Spokane Public Schools, Lincoln Heights Elementary School, Spokane, Washington – Project Manager/Project Architect/LEED Project Team Administrator/WSSP Programming/CAD Drafting/Construction Admin/LEED Post Occupancy Evaluation (LEED Gold v2.1 – first public school in Washington State to achieve LEED Gold and first LEED Gold project east of the WA Cascades)
- Spokane Convention Center, Remodel & Expansion, Spokane, Washington – CAD Drafting/LEED Quality Specialist working with Paladino (LEED Silver v2.2)
- White River School District No 416, White River High School, Buckley, Washington – LEED In-House Review (LEED Silver v2.1 equivalent)
- Washington State Patrol Crime Laboratory, Cheney, Washington – Project Architect/CAD Drafting/Construction Administration (LEED Certified v2.1 equivalent)
- United States New Embassy Complex, Freetown, Sierra Leone – Project Team Administrator (LEED Certified v2.1)
- United States New Embassy Complex, Bamako, Mali – LEED Project Team Administrator (LEED Certified v2.1)
- Terrace Park Middle School, Mountlake Terrace, Washington – LEED In-House Review (LEED Silver v2.1 equivalent)
- United States Embassy Facilities, Conakry, Guinea – LEED Project Team Administrator (LEED Certified v2.1)
- Key Technology/Symetix Office Building, Port of Walla Walla, Washington – LEED Project Team Administrator (LEED Gold v2.1 goal)
- Fairchild Air Force Base, Munitions Maintenance Administration Facility, Airway Heights, Washington – Project Architect/Drafting/Construction Admin/LEED Specialist (LEED Certified v2.0 equivalent)

ALSC Architects – Spokane, Washington – Project Architect (1998 - 2002)

- Hospice of Spokane, Hospice House/Administration Building, Spokane, Washington – Project Architect/Design/CAD Drafting
- Moses Lake High School, Swimming Pool, Moses Lake, Washington – Project Architect/Design/CAD Drafting
- City of Moses Lake, Moses Lake City Shops, Moses Lake, Washington – Feasibility Study
- Quincy High School, Quincy, Washington – CAD Drafting/Interior Detailing
- Monument Elementary School, Quincy, Washington – Project Architect/Design/CAD Drafting/3D Modeling
- Shriner's Hospital, Children's Terminal Care Wing Remodel, Spokane, Washington – Detailing/CAD Drafting
- Richland Shops Project, Richland, Washington – Detailing/CAD Drafting
- Telect, Inc., Manufacturing Office Expansion, Liberty Lake, Washington – Project Architect/Design/CAD Drafting/Construction Administration
- Telect, Inc., Phase 5 Addition, Liberty Lake, Washington – Project Architect/Design/CAD Drafting/Construction Administration
- Telect, Inc., South Parking Expansion/Appleway Landscape, Liberty Lake, Washington – Project Architect/Design/CAD Drafting
- Central Valley Administration Building HVAC, Spokane, Washington – Project Architect/CAD Drafting
- East Wenatchee Middle School, East Wenatchee, Washington – Design/CAD Drafting
- Lee and Kenroy Elementary School, East Wenatchee, Washington – Project Architect/Programming/Design/CAD Drafting/Photoshop
- Eastmont Schools Study & Survey, East Wenatchee, Washington – Site Survey
- Mountain View & Pioneer Elementary Schools, Quincy, Washington – CAD Drafting/Detailing
- City of Spokane, Spokane Arena Clubhouse Remodel, Spokane, Washington – Schematic Design/CAD Drafting
- Browne Elementary School, Spokane, Washington – Project Architect/Design/CAD Drafting/3D Modeling
- Bowdish Junior High School Modernizations, Spokane, Washington – Programming/Drafting

Tan Heyamoto Architects – Spokane, Washington – Job Captain/Architect (1990 - 1998)

- The Church of Jesus Christ of Latter-Day Saints, East Stake Center Re-Roof, Spokane, Washington – Proposal/Project Manager/Project Architect Construction Administration
- The Church of Jesus Christ of Latter-Day Saints, Warden Ward Elevator/Library/Materials Center Remodel, Warden, Washington – Proposal/Project Manager/Project Architect/CAD Drafting
- Washington State University, Plant Growth Center, Pullman, Washington – Detailing/Material Research/CAD Drafting
- Catholic Diocese of Spokane, St. Joseph Parish, Spokane, Washington – Design/CAD Drafting
- Spokane Public Libraries, Indian Trail Branch Library, Spokane, Washington – Design/Drafting
- Group Health Northwest, Lidgerwood Medical Center, Spokane, Washington – Detailing/Design/Drafting
- Living Faith Fellowship Church, Living Faith Congregation, Pullman, Washington – Project Architect/Programming/Design/Drafting
- Catholic Diocese of Spokane, St. Peter's Parish Church, Spokane, Washington – Design/Drafting/Construction Administration
- Spokane Transit Authority, Valley Transit Center Modifications, Spokane, Washington – Design/Drafting/Construction Administration
- Spike's Restaurant, Private Owner, Ritzville, Washington – Proposal/Project Architect/Design/Drafting/Color Presentation
- Sacred Heart Medical Center, Cafeteria Remodel, Spokane, Washington – Detailing/Design/Drafting
- Group Health Northwest, Riverfront Medical Center, Spokane, Washington – Detailing/Design/Drafting
- R.W. Robideaux & Company, Crescent Court, Spokane, Washington – Proposal/Project Architect/Design/Drafting
- Spokane Transit Authority, The Plaza, Spokane, Washington – Glass Elevator Design/Detailing/Drafting
- United States Postal Service, Manito & Veradale Postal Stations, Spokane, Washington – Project Manager/Project Architect/CAD Draftsman/Cost Estimator/Construction Estimator
- United States Postal Service, Loon Lake Post Office, Loon Lake, Washington – Construction Administration
- United State Postal Service, Danville Post Office, Danville, Washington – Construction Administration
- Spokane Valley Fire Department, Liberty Lake Fire Station No. 3, Liberty Lake, Washington – Design/Drafting
- Gibraltar Community Center, City of Republic, Republic, Washington – Proposal/Project Manager/Project Architect
- Spokane Valley Mall, Thomas Hammer Coffee Roasting Company, Spokane, Washington – Proposal/Project Architect/Design/Construction Administration
- United States Embassy, New Office Building, Bogotá, Columbia – Cost Estimate Material Take-Offs (with Roger Roen Associates)
- Eastern Washington University, Rozzell Chiller Plant 2nd Level Addition, Cheney, Washington – Architect/Design/Drafting
- Christ Clinic, Westminster Church, Spokane, Washington – Architect/Space Planning/Design/Drafting/Construction Administration (Non-Profit, Pro Bono)
- Gonzaga University, Jundt Art Center & Museum, Spokane, Washington – Co-Designer/Architect/Drafting/Construction Administration
- Rockwood Community Center, Rockwood Estates Retirement Community, Spokane, Washington – Drafting
- Group Health Northwest, Clinic Remodel, Garland and Maple, Spokane, Washington – Space Planning/Drafting/Construction Administration
- Group Health Northwest, Group Health Administration Office, 4th and Maple, Spokane, Washington – Project Architect/Drafting
- Gonzaga University, Foley Center for Information & Technology, Spokane, Washington – Drafting

- Spokane Falls Community College, '91 – '93 Capital Projects, Music & Science Building Additions, Spokane, Washington – Design/Project Architect/Drafting/Construction Administration

WMFL – Spokane, Washington - Summer/Christmas Vacation Internships - 1989)

- City of Spokane, Spokane Arena / Site Studies, Spokane, Washington – Site Planning/Design/Drafting
- Sheraton Hotel/C.I. Shenanigan's, Parking Garage Study, Spokane, Washington – Design/Drafting
- Spokane Transit Authority/Barbieri, STA Plaza, Spokane, Washington – Drafting
- Key Technology Corporate Headquarters & Manufacturing Plant, Walla Walla, Washington – Drafting
- West Valley School District No. 363, West Central High School, Modernizations, Spokane, Washington – Drafting

Design Works Northwest – Pullman, Washington - Winter/Spring Internship, November 1989 – April 1990)

- Community Action Center, Colfax Duplexes – Thesis Project/Design/Drafting

Residential/ Other Design Experience – Colorado, Idaho and Washington - Designer/Architect (1980 - 2012)

- Cannon Street Residence, Spokane, Washington – master bedroom remodel, walk-in closet with children's reading loft above, replaced existing back patio slab with full basement rec room, full bath off stair to rec room, jet garden tub/shower combo and custom ceramic tile, wood wainscot, tiled floor and new large kitchen above with vaulted ceiling, cooking island, barstool height breakfast seating, polished granite countertops, bay planting window over kitchen sink, removed 3 bearing walls in dining room and replaced with beams to open to kitchen and living room, storage added over existing roof
- Spilker Residence, South Hill, Spokane, Washington – study for Georgian style home with elaborate masonry detailing – unbuilt, as client searched for a larger site, but a wonderful challenge for a very talented local masonry contractor
- Schneider Residence, Sandpoint, Idaho – custom, eclectic home on the Pend Oreille River, sewing niche off stair landing, vaulted ceilings, custom kitchen cabinets, terraced decks on a flowing hillside overlooking the river
- Retrofit Residence, Oldtown, Idaho – existing fully constructed concrete basement retrofitted to a new house plan and basement layout, challenge to work with existing bearing points and structure
- Newport Duplexes, Newport, Washington – 2 buildings, 4 two story units total, one car garage per unit, fenced yards, custom culvert pipe spiral columns on 2 story street entry, sealed cementitious siding for 25 year low maintenance, no paint exterior
- Smith Residence, Nine Mile Falls, Washington – custom remodel to large rancher home on the Spokane River, jet tub, steam room and shower with Italian marble throughout, sauna, commercial style kitchen with large Viking appliances, gas grill and commercial cooking hood, wood floors throughout and Santa Fe style décor
- Shanning Residence, Wandermere Golf Course, Colbert, Washington – custom expansion to dining room, added greenhouse sitting room and French doors emptying onto a large deck
- Quail Ridge Home, Quail Ridge Golf Course, Spokane, Washington – custom remodel to dual curved stairways and upstairs bath, stair railing designed by same artist that designed and installed singer/entertainer Cher's serpent and dragon cast iron rails in her Hollywood home
- Coping Residence, South Hill, Spokane, Washington – custom remodel to master bedroom and bath converted from two smaller bedrooms, dining room, kitchen, skylights added and revised stair to basement to have kitchen passageway rather than strictly an exterior door to the basement and added backyard decks
- Watson Residence, City of Spokane Valley, Washington – custom home with garden tub on a raised platform and glass three sides overlooking breathtaking bends of the Spokane River, WSU Crimson and Gray Cougar Room/man-cave in basement with full bar and custom wall-hung tailgate seating areas (actual partial truck beds, truck tailgates with working lights), large decks on river view side
- Carter Residence, Newman Lake, Washington – large two story boy's ranch home on pastureland, large kitchen, laundry and custom designed dining room table to seat 18 people, wrap-around deck and dorm style daylight basement bedrooms and game room for the boys, upstairs suite with widow's walk balcony from master bedroom overlooking pasture of emus, lamas and the lake – now has home school building and heliport
- Barbieri Residence, Priest Lake, Priest Lake, Washington – worked with existing foundation to build a lodge-like lake home.
- Cecceratto Residence, 9 Mile Falls, Washington – modifications to owner plans to create a mirror-image floor plan, revamped kitchen and much of the framing design for a skilled local contractor
- Broadbent Residence, South Hill, Spokane, Washington – feature bathroom on grand stair landing, radiused glass block feature wall for claw foot tub, glass block accents either side of frosted glass 8 panel door, pedestal sink and toilet and specialty lighting
- Stage Set Design and Construction, Graduation Ceremony, WSU School of Architecture, Pullman, Washington
- Henry Matthew's Residence, Pullman, Washington – drafting and finish carpentry for English Tudor style home octagonal library/kitchen
- Stokes Residence, Colfax, Washington – two story Victorian farmhouse with divided small rooms, unburied beautiful stair railing hidden in wall and created gridded glass enclosed foyer at bottom of stair, removed 2 bearing walls and installed deep GLB's to join foyer, sitting room and living/dining rooms as one large space, coffered ceiling with concealed up-lighting, antique mantel with columns and mirror salvaged from mansion in Utah, hand dug partial basement for furnace, jacked up house floor and leaning tower/turret, turret breakfast nook on first floor with reading niche in master bedroom above, exposed chimney upstairs to create a freestanding hallway sculpture and created a circular entry with partial glass block to the master bedroom, (Design-Build project with WSU classmate George Balanay during final year of Architecture School)

- Calvino Residence, Boulder, Colorado – living room and master bedroom/bathroom addition to log home
- Crane’s Nuthouse in-the-Woods, Sacheen Lake, Washington – two story residence for my parents, myself and brothers, with stone tower entry, curved stairway, 3 car garage with Grandparent apartment above, timber milled from the site (designed junior/senior years of high school)

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Planting Greener Buildings