

Curriculum Vitae 2022



Robert J. Bitterli is the Founding Principal of Ivy Group Consultants, Inc., a corporation formed for the specific purpose of servicing client needs for **Building Sciences, Forensic Architecture and Expert Consultant Services** on claims related projects and legal cases involving building design and construction defects. The firm also focuses on **Building Restoration, Preservation, and Exterior Roof, Wall and Window Re-Cladding** projects. The firm has grown over the past 35 years of service to the industry as:

Firm History:

Ivy Group Consultants, Inc.	2005 – Present
Ivy Group Consulting (D.B.A.)	2000 – 2005
HADP Architecture, Inc.	2000 – 2012
Bitterli & Associates Architects, Inc.	1986 – 1999

Mr. Bitterli brings a broad range of professional accomplishments, outstanding design work, and 40+ years of experience in professional practice. His project experience covers a wide range of building types including: **Educational, Corporate, Governmental, Health Care, Historic Preservation, Single & Multi-Family, Recreational, Religious and Retail Facilities.**

Mr. Bitterli's **expertise is invaluable** to clients seeking claims experience in building forensic investigations, expert witness testimony, Envelope (Roofing, Wall, Window, Door, Skylight) Inspection & Commissioning BECx, LEED Certification, Sustainable Design, environment/resources, claims resolution, building code issues, accessibility (ADA/ADAAG, FACBC), scheduling, estimating, design detailing, construction materials, roofing, moisture proofing, indoor air quality, engineering systems integration and professional practice. Throughout his career he has provided clients with a **personal commitment**, delivering expert consultant services in a **forthright manner**, with both **pragmatic and theoretical** perspectives in mind.

Mr. Bitterli regularly provides expert witness/forensic services on building defect issues to **attorneys, plaintiffs, defendants, insurance companies and building owners** throughout Florida. He has served on several technical advisory committees in the development of the Florida Building Code 2001/2004 editions, and has **taught Florida Building Code seminars** to licensed Architects and Engineers throughout Florida and Georgia. He has presented multiple courses on the Florida Building Code and **Wind Load Design** to the AIA at local, state, and national levels, and ASCE at the statewide level as well as Building Failure case studies and the Forensic Investigation process.



Mr. Bitterli served as a voting member of the **Building/Structural Advisory Committee to the Florida Building Commission** and represented the Florida AIA in matters regarding the Florida Building Code. Mr. Bitterli also served on the Florida AIA Building Code Task Force. He has been a member of the International Codes Council (ICC), the National Institute of Building Sciences (NIBS), Institute for Business and Home Safety (IBHS) and the National Fire Protection Association (NFPA). He authored the article, *Selecting an A/E/C/S Expert for Your Construction Defects Case*, published in Res Gestae, the Monthly publication of the Lee County Bar Association.

In 2013 he founded and currently co-chairs the **Tampa Bay Building Enclosure Council (TBPEC)**, a joint venture of AIA National and the National Institute for Building Sciences (NIBS). In October 2018 he organized and chaired a committee of five American Building Forensic Professionals and presented a white paper on **Forensic Building Investigations in Bern Switzerland** at the **13th Annual International Building Skins Conference**.

In November 2020, Mr. Bitterli was awarded the Medal of Honor by AIA Tampa Bay.

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SELECTED PROJECTS

Signature Tower: Stucco Recladding & CMU Repair + Litigation Support

Forensic Architect for Plaintiff
Lead Plaintiff Expert Team, Structural, IAQ,
Investigated and Documented Stucco and CMU Defects
36 Story 277-unit Luxury Condo, \$20 Million Claim, 4 Year Investigation and Litigation
2019 International Concrete Repair Assoc. High-Rise Category Award Winner
St. Petersburg FL, Completed 2021



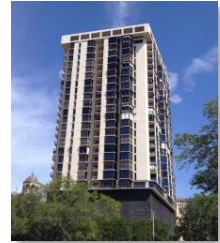
Lee Memorial Health Park South: Moisture Intrusion Investigation & Re-Cladding Project

Forensic Architect for Plaintiff
Lead Forensic Investigation, Testified in Deposition, Litigation Support
Pediatric/Surgical/Patient Units, \$20 Million Claim, \$12 Million Repair Project, 3+ Years
Successful Settlement for Client: January 2012
Completed Re-Cladding Project: August 2014



Bayfront Tower: Waterproofing Project

Envelope Consultant
Produced Conditions Assessment Report, Managed Bid Documents & Bid Selection,
Observed and Documented Waterproofing and Painting by Contractor
28 Story Condo, \$600k Contract, 6 Month Project
St. Petersburg FL, Completed in 2017



The Alagon on the Bayshore

Forensic Architect for Defense of SSAA Architects
Produced Defense Report for Insurer, reviewed Architect's Standard of Care
23 Story Condo on Bayshore Blvd, Tampa , FL
Settled in 2010



Meadows of Estero: Roof Repair Project

Forensic Architect for Plaintiff
Testified in Mediation/Settlement, Managed Bid Documents & Bid Selection
Represented Owners, oversaw Contractor & developed scope, Pay-Apps
45 Buildings, \$825k Roof Repairs, 8 Months
Completed in 2017



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Faena House Condominium

Forensic Architect + Standard of Care Expert for the Association
Working in association with EPIC Forensics & Engineering
17 Story luxury, 44 unit Condominium on Miami Beach, FL
Active in 2021



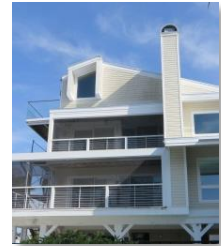
Biscayne Beach Condominium

Forensic Architect + Standard of Care Expert for the Association
Working in association with EPIC Forensics & Engineering
54 Story 399-unit Condominium in Miami, FL
Active in 2021



Thurling Residence: Leakage Investigation

Forensic Architect for Plaintiff
Performed Testing and Documentation, for Moisture Intrusion Detection
for a Construction Defect Claim
Single Family Residence, \$650k Claim, 3 Days of Testing & Observation
Sanibel Island, FL
Settled in 2016



Social 28 Apartments

Forensic Architect + Standard of Care Expert for Hochhauser Blatter Architects
Produced Defense Report, regarding Design and Construction
2- 6 Story 169 Unit Apartment Buildings in Gainesville, FL
Settled in 2021



Ventana Condominiums

Forensic Architect + Standard of Care Expert for Walton Chancey Architects
Produced Defense Report, regarding Design and Construction
2- 10 Story Condominium Buildings in Tampa, FL
Settled in 2021



H Land Holdings (Hansen Residence) Defects Investigation

Forensic Architect for Plaintiff/Homeowner
Performed Testing and Documentation, for Moisture Intrusion Detection
for a Construction Defect Claim
Single Family Residence, 7,500 SF, Claim Value \$2M
Settled in 2020



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PROFESSIONAL QUALIFICATIONS

- Registered Architect 1979 - Present
 - State of Florida Number 8235
 - State of Texas Number 22630 (inactive)
 - State of Georgia Number RA012955 (inactive)
 - National Council of Architectural Registration Boards (NCARB)
 - Certified Number 42,542
 - State of Maryland, Number 9312 (inactive)
 - State of Indiana, Number 920140 (inactive)
 - State of Utah, Number 02391-0201-0 (inactive)
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EDUCATION

- University of Florida
 - M.A. Architecture (Honors) 1977
 - Thesis Publication: Energy, Architecture and Society 1977
 - Master's Degree Emphasis Area: **Building Structural Design**
 - Completed 27 additional credit hours of Masters work in structural design, covering concrete, steel, wood, foundations, and other structural design analyses
 - AIA Silver Medal Award, University of Florida Faculty 1977
 - Gargoyle Honor Society 1975
 - B.S. Design (Honors) 1975
 - St. Petersburg College 1972
 - St. Petersburg Senior High School 1971
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PROFESSIONAL AFFILIATIONS

- AIA/NIBS Tampa Bay Building Enclosure Council (TBPEC)
 - Founder and Chairman 2013 - Present
- AIA NATIONAL 1978 - Present
 - Committee on the Environment (COTE) 1992 - 1996
- AIA FLORIDA 1978 - Present
 - Director 1989 - 1992
- AIA TAMPA BAY 1986 - Present
 - Director 1989 - 1992
 - President 1991
 - Environmental Committee Chairman 1992 - 1996
- AIA ST. PETERSBURG 1986 - Present
 - President 1988
- Southern Standard Building Code Congress 1992 - 2002
- ICC (International Code Council) 2002 - Present
- Florida Education Facility Planners Assoc. (FEFPA) 1992 - 2008
- St. Petersburg Preservation, Inc. 1994 - 2000
- USGBC (United States Green Building Council) 2007 - Present
- NIBS (National Institute for Building Sciences) 2008 - Present
- NFPA (National Fire Protection Association) 2008 - Present
- IBHS (Institute for Business and Home Safety) 2009 - 2010
- RCI/IIBEC (Roof Consulting Institute/International Inst. of Bldg. Enc. Cons.) 2010 - Present
- ASTM (American Society of Testing and Materials) 2010 - Present

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APPOINTMENTS & BOARDS

- Chairman - Forensic Building Investigations, 2018 Building Skins Conf., Bern SU 2018
- Tampa Bay Building Enclosure Council, Founding Chair 2013-Present
- Florida Association – AIA Building Codes Committee 2000-2008
- Florida Gulf Coast USGBC Membership Committee and Co-Chair Regionalization Task Force 2008-2009
- Review and creation of a New Model Code for Florida 1998-2006
- Monthly Florida Building Commission meetings, and Technical Advisory Committee meetings, reviewing relevant code provisions and providing input to the Commission on behalf of the Florida Association of the American Institute of Architects.
- Building/Structural Technical Advisory Committee 1998-2006
- Building/Fire Technical Advisory Committee 1998-1999
- Admin/Code Enforcement Tech. Advisory Committee 1998-1999
- Planning and Historic Preservation Commission
- Chairman 2002
- Architect/Professional Member, City of St. Petersburg 1998-2004
- St. Petersburg College – Department of Architectural Technology
- Chairperson, Advisory Committee 1992-2002
- Member, Advisory Committee 1986-2002
- Advocates for Shelter Action/Policy (ASAP)
- Advisory Board Member 1991-2000
- Pinellas County Economic Development Council
- Judge, Environmental Excellence Award 1991

SEMINARS/CONFERENCES PRESENTED

- Paper/Presenter- Forensic Building Investigations, 2018 Building Skins Conf., Bern SU 2018
- Building Case Study of 36 Story Highrise, TBSEC/AIA 2018
- 5 Roof and 5 Wall Case Histories of Failures, TBSEC/AIA 2016
- Roof and Wall Failure Case Studies and the Forensic Evaluation Process, AIA 2014
- Building Case Study of Building Failure - AIA 2012
- Expert Witness Consulting in Building Claims 2012
- Building Claims & Expert Witnesses – Stetson Law School 2011
- Cost of Construction 2006
- Charlotte County Public Schools, Board Workshop
- Wind Load Design for Buildings 2003
- American Institute of Architects
- American Society of Civil Engineers
- New Florida Building Code Course 2002
- Atlanta, GA; West Palm Beach; Jacksonville; Tampa/St. Petersburg; Miami/Coral Gables; Ft. Lauderdale; Palm Beach, FL
- SMPS Design/Build Seminar – St. Petersburg, FL 2001
- AIA A201 General Conditions Seminar – Tampa, FL 1998
- Conference Facilitator (3-Part Series)
- AIA National, Environmental Video Teleconference 1993
- Seminar Presenter
- AIA Tampa Bay, Environmental Building Design Seminar 1992
- Seminar Presenter
- AIA Tampa Bay, Practice and Management Seminar 1989
- Chairman
- AIA Tampa Bay, Smart Buildings Trade Show and Seminars 1989

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AWARDS

- **AIA Tampa Bay, Medal of Honor Award** 2020
- ICRI- Award of Excellence, High-Rise Category, 36 Story- Signature Place Condo. 2019
- American Schools & University, CTC Medical Sciences Building 2007
- American Schools & University, Cypress Hall of Tampa 2005
- American Schools & University, Technology Learning Center 2000
- Florida Education Facility Planning Assoc., SPC Seminole Campus 2000
- APA Award of Excellence, Dome District Business Plan 1998
- SPPI/AIA Historic Preservation Award, Williams House (USFSP Campus) 1997
- SPPI/AIA Historic Preservation Award, Grace Lutheran Church 1995
- SPPI/AIA Historic Preservation Award, Bays Dialysis Clinic 1995
- PEDC's Environmental Excellence Award, Micro Mo Electronics 1991
- AIA State of Florida Chapter Award (while President) 1991
- AIA State of Florida, Certificate of Appreciation 1991
- AIA Tampa Bay Pullara Award for Outstanding Service 1990

PUBLICATIONS

- White Paper- Forensic Building Investigations, 2018 Building Skins Conf., Bern SU 2018
- Building Environment & Staff Performance Analysis Current
- Stucco Defects & Building Skin Leakage Current
- Building Science 101: Missing Paint and Escargot. *M. Wright and R. Bitterli.* RCI Interface Magazine 2014
- "Selecting an A/E/C/S Expert for Your Construction Defects Case" June 2014
Res Gestae - Monthly publication of the Lee County Bar Association
- "The Facility Report", Publisher 1999 - 2000
A quarterly newsletter covering facility and construction trends cost information and other items of interest to the facility professional. The newsletter was published for five consecutive quarterly publications prior to the Bitterli+Assoc. merger with Harper Partners in January, 2000.
- Article on project design using 4 case studies 1984
Florida Architect Magazine
- Energy, Architecture & Society 1977
A thesis document on the impact of Energy and Resource Limits on Architecture and Society

VOLUME OF WORK

Directly responsible for the following estimated quantities of Architectural Design and Construction Administration Services:

- Architectural/Engineering Fees \$ 60 million
- Construction Value \$ 900 million
- Square Footage of Construction 12 million square feet
- Roofing Design
 - Built-up/Single Ply Membrane 3.0 million square feet
 - Sloped Roofing (Metal, Tile, Shingle) 3.0 million square feet
- Waterproofing/Restoration/Repair Projects:
 - Multi-family Housing 20 projects
 - Commercial/Educational 60 projects
- Range of Project Sizes/Values:
 - Commercial/Educational \$ 50,000 - \$ 40.0 million
 - Multi-family \$ 250,000 - \$ 40.0 million
 - Single Family \$ 50,000 - \$10.0 million

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SCOPE OF SERVICES

Construction Claims & Expert Witness Services account for approx. 75% of Mr. Bitterli's time.

Below is a broad-brush estimate of numbers of assignments in varying categories of work:

• Cases as Expert: Witness/Forensic Consultant	300+ Assignments
• ADA Accessibility Consulting	25+ Assignments
• ADA Accessible Projects Designed	125+ Buildings
• Court/Arbitration/Deposition Expert Witness Testimony (under oath)	40+ Assignments
• Mediation Expert Witness Testimony	100+ Assignments
• Consulting Work Breakdown:	
Moisture Consulting (Painting, Coatings & Waterproofing)	150+ Assignments
Repairs Consulting (Design, Construction Docs, Bidding, C/A)	170+ Assignments
Accessibility Consulting	25+ Assignments
Roof Consulting	120+ Assignments
LEED Certification & Sustainable Design (23 Buildings)	4 Projects
Codes / Standards	200+ Assignments
Fire / Flood Loss / Insurance Claims	20+ Claims
Malpractice / Standard of Care	110+ Claims
Copyright Infringement	3 Claims
Personal Injury	15+ Assignments
Cost Estimates / Scheduling	130+ Assignments
Inspection Reporting	220+ Assignments
Other Services	120+ Assignments

STRUCTURAL DESIGN & ENGINEERING COORDINATION

- Served as an appointed voting member on the Building / Structural Technical Advisory Committee to the Florida Building Commission. Committee analyzes all structural and building code amendments, provisions and declaratory statements.
- Offered amendments affecting 20 pages of text regarding simplification of FBC Chapter 16 – Structural Design, now incorporated into the Florida Building Code.
- Performed Architectural and Structural design of approximately 75 single-family residential projects, additions and alterations.
- Coordinated the civil, structural, mechanical, electrical, plumbing and fire protection engineering, utilizing Florida license engineers employed under the direct supervision of Mr. Bitterli's architectural firm (and previous employing firms)

COST ESTIMATING

- Mr. Bitterli has performed estimating work on more than 125 projects ranging from small residential projects (\$60,000) to large Commercial/Educational projects (\$25 million)
- Estimating database is developed using R.S. Means, Dodge and Marshall Swift Cost Data Bases as well as professional experience.
- Experience in estimating projects, combined with an in-depth understanding of the relative costs associated with phasing, general conditions and overhead/profit factors has allowed Mr. Bitterli's clients to enjoy a high confidence level in their project costs.
- Typically, project bids submitted by General Contractors range from 20% to 30% from high bid to low bid, which is representative of the industry.
- The firm consistently estimates the lowest qualified bid price in both residential and commercial/educational/municipal projects.
- Over 100 Estimates of Probable Construction Costs performed since 1986.

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SIGNIFICANT PROJECTS

- Evander Square Condominium - 34 building complex, Celebration FL 2020
- GCG Construction at Alico Commercial Center Stucco/Roof/Grading, Estero FL 2020
- Sansara Condominium - 10 story building inspection, Sarasota FL 2020
- Ventana Condominium - 10 story building inspection, Tampa FL 2020
- Somerset Chase – 34 townhome building complex, Orlando FL 2020
- One Palm Aloft Hotel & Apartments (K&K) - 10 story multiuse complex, Sarasota FL 2020
- Aria Condominium - 21-unit, high end 6 story building, Longboat Key FL 2020
- Comfort Cove Sr. Living Center - 2 story pre-manufactured complex, Bradenton FL 2020
- Kramer Villa Roof Inspection - Tile roofing evaluation 2019
- Shooters World Orlando - Inspections on a state-of-the-art gun range, Orlando FL 2019
- New \$10M Hansen Residence Evaluation - Roofing, Decks, Windows, Naples FL 2019
- Hurcon- Sand Castle Condominium Roofing - 2 building hurricane damage, Naples FL 2019
- Marriott Residence Inn Moisture Analysis - 3 story 120 rm. hotel, West Palm Beach FL 2019
- Ola Commerce Park Condo Assoc.- 3 commercial bldg. roofing inspection, Miami FL 2019
- Lee Health Cancer Center- Roofing and Painting Evaluation, Fort Myers FL 2019
- Hansen Residence Repairs- Roofing, Windows, Walls and Decks, Naples FL 2019
- San Marco Place Condominium- 25 Story Balcony railing replacement opinions 2019
- Plaza Harbour (NBWW)- 25 story condo/hotel inspection, Bal Harbour FL 2018
- 103 Montrose Home- Inspection of custom 8,000 SF home, Fort Myers FL 2018
- Home2 by Hilton (K&K)- inspection of 4 story hotel, Sarasota FL 2018
- Peribere v. Stang- Custom home dispute, Miami FL 2018
- Kingsway Clubhouse- Conditions inspection of 2 story clubhouse, Punta Gorda FL 2018
- Fort Myers Auto Dealership- Trip and fall injury, Fort Myers FL 2018
- Fix Marine- Roofing inspection, Fort Myers FL 2018
- TAG Development- Custom home inspection, Punta Gorda FL 2018
- Gateway Condominium- 8 story building inspection, Sanford FL 2018
- Carrington Townhomes- 2 story multiple building inspection, Davenport FL 2018
- Miromar Mall ADA- Inspection of large outdoor mall complex, Estero FL 2018
- Brisben Penthouse- 21st story outdoor deck inspection, Naples FL 2018
- Franks Roofing v. Skidelski- Tile roofing inspection, Fort Myers FL 2018
- Island Gardens v. City of Miami- \$500M+ Hotel & Mall Development, Miami FL 2018
- Gardens at Southbay for THA- 9 building complex, water intrusion, Tampa FL 2018
- Fort Myers Housing Authority- Admin./Rec. Building roofing and walls, Fort Myers FL 2017
- GRE vs. Burke Construction- 6 story building recladding, Fort Lauderdale FL 2017
- Cherry Oaks Condominium – (30) Building Re-Roofing, 2017
- Cape Coral Wellness Center– Waterproofing, Cape Coral, FL 2017
- Arbomar vs. Windoor and Grayhawk, Longboat Key, FL 2017
- Wyndham Hotel and Spa – Pool Coping System, Orlando, FL 2017
- Street Residence – Extensive Reconstruction, Naples, FL 2017
- Hansen Residence – Extensive Reconstruction, Naples, FL 2017
- Octavian Residence – Roofing Litigation, Marco Island, FL 2017
- Moorings Park Grey Oaks – Mechanical & Plumbing Litigation, Naples, FL 2017
- Mahaffey Theatre / KHS&S - Wall System, St. Petersburg, FL 2017
- Parkcrest Condominium - 8 story, Painting, Waterproofing, Doors/Windows, Tampa, FL 2017
- Gulf Coast Medical Center Expansion - 7 story, \$200M Consulting, Fort Myers, FL 2017
- Huff- McGarvey- Custom residence tile roofing & decks inspection, Fort Myers FL 2017
- Monterey Condominium- Lennar as builder/developer, West Palm Beach FL 2017
- Embassy Suites Hotel- 20 story downtown hotel inspection, Sarasota FL 2016
- Bayfront Towers - 28 Story Envelope Consulting Project, St. Pete, FL 2016
- KHS&S- Mahaffey Theatre- Performing Arts Hall exterior wall inspection, St. Pete FL 2016

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- Welbro-Wyndham Hotel- Pool & Deck inspection & corrections, Orlando FL 2016
- Bethel Lutheran- Envelope Consulting, Corrections Architect of Record 2016
- North Residence- 2 story home inspection, Naples FL 2016
- Cape Coral Hospital - 7 Story Waterproofing Wall Repairs, Cape Coral, FL 2016
- Bahama Bay II – (13) 3 story Buildings, Roof and Wall Repairs Davenport, FL 2016
- Duldulao- Tampa Entertainment ADA- Electronic shooting games, Tampa FL 2016
- Visconti Apartments - 4 story, 400 units, Stucco Repairs, Coatings, Tampa, FL 2016
- SPC Student Success Center - Envelope consulting pro bono 2016
- Flagship Park Condominiums - Detailed stucco inspection work, Orlando FL 2016
- Shores of Panama - 21 story, 700 unit hotel/condo. investigation, Panama City FL 2015
- Ventanas Condominium - Plaza Deck Repairs and Replacement, Naples FL 2015
- Mariners Palm Harbor Condominium - 7 Story, 4 FL. Plaza Deck, Marco FL 2015
- Signature Place Condominium Repairs - 36 Story, St. Pete, FL 2015
- Thurling Residence- Moisture intrusion investigation, Sanibel Island FL 2015
- Tampa Housing Authority - 600 Bldg. Physical Needs Assessments, Tampa FL 2015
- THA - Analysis for Mary Bethune & N. Blvd Homes PH II – Tampa, FL 2014
- THA GPNA UPDATES - Mary Bethune & N. Blvd. Homes – Tampa, FL 2014
- Tampa Housing Authority GPNA – Tampa, FL 2014
- 2000 Island Blvd Condominium 3 story parking garage evaluation – Miami, FL 2014
- LeeSar Roof Consulting Services – Fort Myers, FL 2014
- Rago v. Emerald Pointe Condo Association – Punta Gorda, FL 2014
- Lennar adv. Wekiva Park – Orlando, FL 2014
- Harbour House Condo Association – Miami, FL 2014
- Ventanas at Tiburon – Naples, FL 2014
- Sandarac I – Fort Myers, FL 2014
- Sarasota Surgical Physicians Center – Sarasota, FL 2014
- Ferman v. Outback – Sarasota, FL 2014
- Admiral Farragut Academy – St. Petersburg, FL 2014
- Seneker Residence – Naples, FL 2014
- Metropolis Master v. NBWW – Miami, FL 2014
- Wekiva Landings – Orlando, FL 2014
- Lemans v. Summit Contractors (Visconti) – Tampa, FL 2014
- Culbreath Key Bayside Condominium – Tampa, FL 2014
- Bella Capri Condo Association 2014
- Bahama Bay II – Davenport, FL 2014
- Weston 55 Plus Condo Association – Miami, FL 2014
- Coconut Cove Bed & Breakfast – Isla Morada, FL 2014
- Mariners Palm Harbor – Marco Island, FL 2014
- Willow Creek Association – Willow Creek, FL 2014
- Bethel Lutheran Church – Clearwater, FL 2014
- Siena at Celebration – Celebration, FL 2014
- Legacy Park vs. ROJO Architecture – Tampa, FL 2014
- Eye Care Center of Sebring – Sebring, FL 2014
- Townhomes of Oaklane – Coral Gables, FL 2014
- 2800 Island Blvd – Miami, FL 2014
- Patterson Ct Apartments – Orlando, FL 2014
- San Ruffino Condominium – Dunedin, FL 2014
- Margaretville Hotel – Pensacola Beach, FL 2014
- St. Pete Bar Association – St. Petersburg, FL 2014
- Thresholds International v. Robinson - Miami, FL 2013
- Chamberlin - Stormwater Design - Clearwater, FL 2013

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- ark Central - Fort Myers, FL 2013
- Sandarac II - Fort Myers, FL 2013
- Leal Res NVC - Tampa, FL 2013
- Alinari Condo - Sarasota, FL 2013
- MK Contractors vs. Zyscovich - Coconut Grove, FL 2013
- Oviedo Forrest Consulting - Oviedo, FL 2013
- Marquis Condo vs. Arquitectonica - Miami, FL 2013
- St. James Preservation - Tampa, FL 2013
- Ritz Carlton - St. Thomas, British Virgin Islands 2013
- Signature Place Legal - St. Pete, FL 2013
- Ventura at Turtle Creek Condo - Turtle Creek, FL 2013
- Cypress Manor vs. CBA - Tampa, FL 2013
- Gibbons Federal Courthouse - Tampa, FL 2013
- Douglas Jeep - Venice, FL 2013
- Willow Brook Condominium KB Homes - Sarasota, FL 2013
- St. James Episcopal Church - Tampa, FL 2013
- Parkcrest II Condo - Tampa, FL 2013
- Naples Motorsport Inspection - Naples, FL 2013
- Horizons West Condominium 2013
- Tampa Bay BEC Council (AIA) - Tampa Bay, FL 2013
- Woodbridge Crossing – Atlanta, GA 2013
- Flagship Condos – Sanford, FL 2013
- Aloft Hotel at Tapestry Park – Enclosure Re-Cladding, Jacksonville, FL 2012
- Private Residence – Enclosure Re-Cladding, North Captiva Island, FL 2012
- Signature Place Condo – Moisture Intrusion Consulting, St. Petersburg, FL 2012
- Cypress West Office Building – Moisture Consulting, Tampa, FL 2012
- Nicklaus Residence – Consulting, St. Pete Beach, FL 2012
- Alagon Condominium – Tampa, FL 2012
- Courtney Landing Condominium Consulting – Orlando, FL 2012
- Tampa Housing Authority – 600 Bldg. Audit PNA, Tampa 2012
- Xero Gravity Hotel & Resort Consulting – Jacksonville, FL 2012
- St. Petersburg MSC, MSC Garage, City Hall Waterproofing 2012
- Botanical Place Condominiums – Naples, FL 2012
- Meadows of Estero – Naples, FL 2012
- Multiple ADA Claims Cases – Tampa, FL 2012
- St. Andrews Condominium Consulting – Lakeland, FL 2012
- Charlotte County Public Schools: Punta Gorda Center - Charlotte Co., FL 2011
- Norwood Water Treatment Facility, North Miami Beach, FL 2011
- Multiple Cases – CNA Insurance, Tampa, FL 2011
- Multiple Condominium Defense Cases, Clearwater & Bonita Springs, FL 2011
- Kritikos Residence, Jupiter, FL 2010
- Pulte Homes – Multiple Condominium Cases in Florida 2010
- Architect Standard of Care – Multiple Cases in Florida 2010
- Tampa Housing Authority – Multiple Projects 2010
- ADA Case - Isle Del Sol Shopping Center, St. Petersburg, FL 2010
- Multiple Condominium Cases throughout Florida 2010
- Kennesaw State University Apartments, GA 2010
- Castille Parking Deck, Clearwater, FL 2010
- Westminster Services, Bahama Shores Senior Living Center - St. Pete, FL 2009
- St. Petersburg Housing Authority – Multiple Projects, Tampa, FL 2009
- Pinellas Housing Authority – Multiple Projects, Pinellas Co., FL 2009

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- Tarpon Springs Housing Authority – Physical Needs Assessment 2009
- Tampa Housing Authority - Moses White Apartments
LEED for Homes Certification 2009
- Georgia Institute of Technology, Atlanta, GA
Physical Needs Assessment & LEED EB Gold Certification 2009
- Hartsfield – Jackson Atlanta International Airport, Atlanta, GA
Vertical Transportation Study, 277 Elevators, Escalators, Horiz. People Movers 2009
- Lee Memorial Health Park, South Moisture Investigation, Fort Myers, FL 2009
- CC-Aventura, Condominium Towers & Healthcare Center Case, Aventura, FL 2009
- Pulte Homes Grand Cay Case, Fort Myers, FL 2009
- Summit Parking Deck Case, Naples, FL 2008
- Paradiso Condominium Expert Services and Repairs, St. Petersburg, FL 2008
- Multiple Toll Brothers Condominium Cases in Fort Myers & Naples, FL 2008
- Miromar Outlet Mall, ADA Improvements - Estero, FL 2008
- Georgia Institute of Technology, Atlanta, GA
Building Investigation, Property Condition Assessment 2007
- Eckerd College Omega Dorm, St. Petersburg, FL 2006

SIGNIFICANT PROJECTS AS ARCHITECT OF RECORD

- Charlotte County Public Schools
CTC Master Plan updates 2004
CTC Medical Sciences Building, Published & Awarded 2006
CTC Childcare Center 2007
CTC ABC Building 2008
- New College Residence Halls, Sarasota, FL 2007
- New Port Richey Recreation & Aquatics Center, New Port Richey FL 2007
- Miromar Outlet Mall Expert Services and Repairs, Estero, FL 2005
- USF St. Petersburg Student Housing Complex, St. Petersburg, FL 2005
Design Criteria Architect – 354 Beds
- USF St. Petersburg Parking Garage, St. Petersburg, FL 2005
Design Criteria Architect – 950 Spaces
- USF Cypress Hall, 602 Bed Housing Complex, Tampa, FL 2004
Published in Real Estate & Construction Review - Florida Edition
- Disaster “Hardening” of MOSI, Tampa, FL 2002
Working with FSU, USF and Hillsborough County Government
- Continuing Contracts with Pinellas County, Cities of Tampa, 2002
St. Petersburg, Clearwater, Indian Rocks Beach
- American Lung Association Corporate Headquarters, St. Pete, FL 2001
- SPC University Partnership Center, Seminole Campus 2001
- St. Petersburg Historic City Hall Waterproofing 2000
- SPC Technology Learning Center, Seminole Campus 1999
- SPC Seminole Campus Master Plan 1995
- Milton City Hall, City of Milton, FL 1996
- Seminole High School Rec. /Science Facilities, Seminole FL 1995
- Tarpon Springs HS New Administration Building, Tarpon Springs FL 1995
- Grace Lutheran Church/School, St. Petersburg, FL 1994
- Largo High School, Largo, FL 1992
- Oldsmar City Hall, Oldsmar, FL 1990
- Skyway Business Center, St. Petersburg, FL 1988
- Police Communications Center, St. Petersburg, FL 1987
- Coldwell Banker Building, St. Petersburg, FL 1987

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SIGNIFICANT PROJECTS AS DESIGN ARCHITECT/PROJECT MANAGER

• Preservation of the Apalachicola Auditorium, Apalachicola FL	1985
• Re-roofing work in Apalachicola and Carrabelle FL	1985
• Sternstein Residence, New Residence, Tallahassee FL	1984
• State Chamber of Commerce Building, Tallahassee FL	1984
• Duggar Building- Historically Sensitive Building Expansion, Tallahassee FL	1984
• Pensacola Outlet Mall, Pensacola FL	1984
• Florida Association of Realtors- Building Preservation, Tallahassee FL	1984
• State Theatre Office- Building Expansion, Tallahassee FL	1983
• Capital Outlet Center- Open Air Mall, Tallahassee FL	1983
• Two (2) Elementary Schools- Additions and Alterations, Tallahassee FL	1983
• Plante/Bruce Offices- Preservation of existing downtown building, Tallahassee FL	1983
• The Governor's Club- Restaurant and Bar, Tallahassee FL	1982
• Two (2) Athletic Buildings in Apalachicola and Carrabelle FL	1982
• Ichetucknee Springs State Park- New buildings, Ichetucknee Springs FL	1981

CONTINUING EDUCATION

• Navigating Insurance in Construction Claims- Latest Laws and Trends, CLI	2020
• Master Plan Project Delivery at Tampa International Airport, CLI	2020
• Strategies for Success in Construction Disputes: Project Life Cycle Approach Pt.2, CLI	2020
• Using Online Data to Screen Potential Jurors, CLI	2020
• Strategies for Success in Construction Disputes: Project Life Cycle Approach Pt.1, CLI	2020
• Specifications and Installation Recommendations for Nonstructural Wall Framing	2019
• Polished Concrete Installation & Densification Process, Sherwin Williams	2019
• Detailing Continuity in Building Enclosure Systems, BNP Media	2019
• Creative Design Alternatives using Metal Building Systems, BNP Media	2019
• Harvesting Rain: System Design for Strategic Rainwater Capture, BNP Media	2019
• Trust, but Verify- Quality Control for Your Air Barrier, BNP Media	2019
• Architectural Railing Systems: Style You Can Hold on To, Ron Blank	2019
• IIBEC Conference, Ft. Lauderdale FL, IIBEC (12)	2019
• Clearing the Air on Smoke Control Systems, AIA/TBBEC	2019
• Sustainable Building Solutions, Sherwin Williams	2019
• Passive Spray Applied Fire Resistance Materials, AIA/TBBEC (2)	2019
• ADA Tolerances and Acceptable Measurements, AIA CES	2018
• Understanding Accessibility Requirements Across Residential Occupancies, AIA CES	2018
• Responding to Climate Change, AIA CES	2018
• The Evolution of EIFS, BASF	2018
• Roof Consultants Institute, RCI (5)	2018
• 14 th Conference on Advanced Building Skins, Bern Switzerland (12)	2018
• Florida Building Code 6 th Edition: Advanced Course, PDH Academy (2)	2018
• ABAA Education Symposium, ABAA (6)	2017
• Caulks & Sealants, BASF	2017
• Benefits of a Rigid Cover Board in Commercial Roofing Systems, Geo. Pacific	2017
• The International Building Code & Low Slope Roofing, Soprema	2017
• Paint 201: High Performance Coatings for Commercial Spaces, Sherwin Williams	2017
• BEAUTIFY: Decorative Concrete Opportunities & Techniques, Sherwin Williams	2017
• Concrete Restoration and Repair, BASF	2017
• 13 th Conference on Advanced Building Skins, Bern Switzerland (12)	2017
• Fluid-Applied Air and Water-Resistive Barriers, BASF	2017
• Royal Institute of British Architects- Promoting Architecture, AIA FL	2017
• Virtual Office, AIA FL	2017

Curriculum Vitae 2022

- Communicating Pride, Safety, and Beauty at the World Trade Center, AIA FL 2017
- Architects as Storytellers, AIA FL 2017
- Windows and Doors for Wind-borne Debris, FL 2017
- Speaking Like a Pro, AIA FL 2017
- Active Design Miami: Active Design into your practice, AIA FL 2017
- Fee Negotiation Tips and Techniques, Panel Discussion, AIA FL 2017
- Engage Your Clients with Technology, AIA FL 2017
- Protection of Pedestrian and Vehicular Traffic Surfaces, BASF 2017
- Building Science and Airflow in Buildings, ABAA 2017
- Air Barrier Roof to Wall Transitions, ABAA 2017
- Preventative vs. Differed Maintenance for Buildings 2017
- Restoration: The Ultimate Act of Sustainability 2017
- Open Cell Spray Foam Insulation in Commercial Buildings 2017
- What's in a Specification? 2017
- BEC Roof & Wall Failures in the Southeastern US (2) (Instructor) 2016
- 5th Edition (2014) Florida Building Code Advanced Class for Fenestration (2) 2016
- Vinyl Windows: Designed for Performance 2016
- Introduction to Laminated Glass 2016
- How Low-E Coatings Improve Building Performance 2016
- Virtual World of Glass 2016
- Installation Best Practices Based on FMA/AAMA 200-12 2016
- PGT Glass/Window/Door Manufacturing Plant Tour 2016
- PVC Roofing Materials- Performance, Construction 2016
- PVC Roofing Materials-Functionality 2016
- Aluminum Composite Material (ACM): Sustainable Materials & Processes 2016
- Proper Installation of Below-Slab Vapor Retarders/Barriers: ASTM E1643 2016
- Use of Coatings to Prevent Mold and Mildew Damage/DE-A (1.5) 2016
- The Building Envelope Solution (1.5) 2016
- Preparation Methods of Concrete Substrates for Application 2016
- Advanced Coating Technology & the Sustainability Movement 2016
- Decorative Concrete Opportunities & Techniques 2016
- Color-mix 2016 2016
- Single Ply Roofing Technology C102A 2016
- Single Ply Roofing Technology C102SE 2016
- International Projects/Practices 2016
- Design for Visual Accessibility and the Multi-Sensory Experience 2016
- Successful Techniques to Communicate 2016
- Starting Your Own Firm 2016
- International Projects Panel Discussion 2016
- Ownership Transition – Its Financial, Legal and Generational Issues 2016
- Design Opportunities Utilizing Masonry 2016
- BEC: Design & Construction Liability 2015
- Glass +Metal Symposium, Designing the Building Envelope (4) 2015
- Building Science 101- The Building Envelope (4) 2015
- Safe and Effective Learning Classrooms 2014
- Arch. Contracts and Professional Liability Insurance Coverage (2) 2014
- Fenestration Mitigation- Advanced (2) 2014
- Windows & Doors for Wind-Borne Debris 2014
- Building Envelope Failures and the Forensic Investigation Process (Instructor) (2) 2014
- Fundamentals of Design for Proper Energy Conservation 2014
- Detailing in Transition: Hybrid Walls and the Evolution of Terra Cotta Detailing 2014

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- Onshore vs. Offshore Curtain Wall Systems 2014
- Energy Penalty Assoc. and Mechanically Attached Roofing Systems 2014
- Fan Pressure Testing for Large, Complex Buildings 2014
- Properties that Stink (Literally) 2014
- Not So Pretty in Pink: Death of a Thin-Stone Veneer 2014
- Air Barrier Systems- Understanding the Technologies and Their Importance 2014
- Stucco Failure: Factors that Cause Damage – TBEC & SEI 2014
- Fluid Applied Roofing & Waterproofing Membranes 2013
- Glass + Metal Symposium (4) 2013
- Design Considerations for Modern Building Envelope, Sika Corp. 2013
- Sealants and Adhesives for Construction, Sika Corp. 2013
- Building Science 101 – Building Envelope Performance 2013
- Repair and Protection of Concrete, Sika Corp. (2) 2013
- Advanced FBC, The Florida Building Commission 2013
- Advanced Florida Building Code 2013
- Expert Witness Testimony in Construction Litigation Cases (Instructor) 2013
- Claims Relating to Roof & Wall Envelope Moisture Intrusion Failures (Instructor) 2013
- BETEC Symposium at NIBS Conference & Expo (8.5) 2013
- Multi-hazard Mitigation Council- Large Symposium at NIBS Conference & Expo (8.5) 2013
- Florida Construction Law 2013
- Collecting Payment on Construction Projects 2013
- Benefits of KEE in PVC Membranes 2013
- Dynamic Electrochromatic Facades 2012
- Basics of Paint 2012
- Hardware Magic 2012
- Designing with Translucent Panel Daylighting Systems 2012
- Laminate Technical Review 2012
- Sustainable Design – Low Emitting Paints & Coatings 2011
- LEED 09 Programs: Overview 2011
- Elevator Technology. Where it' been. Where it's going. 2011
- Intro to Integrated Project Delivery (IPD) 2010
- Cool Metal Roofing & Solar Technology 2010
- Expansion Joints: Specs, Installation & Verification 2010
- I.C.F. for Sustainable Design & Construction 2010
- New Florida Laws Affecting Construction Professionals 2010
- Florida Laws & Rules Seminar 2010
- Florida Energy Code & The Florida Building Code 2010
- Mitigation Inspections & The Florida Building Code 2010
- Economics of LEED EB: Beyond Sustainability to True Cost Savings 2010
- Elevator Technology: Latest Advancements 2010
- Plumbing Products Contribution to Water Conservation 2010
- Daylighting for Tomorrow's Buildings 2010
- Fire Rated Glass & Framing 2010
- KMC001 Silicate Coatings Presentation 2010
- Analyzing LEED Points for Windows & Doors 2010
- Room By Room Approach to Energy Curtailment & Greening at BAE Systems 2009
- High Profile Green Operations Marquee LEED for Existing Buildings 2009
- Case Study: Assessing Green Building Performance 2009
- A Revolution in Existing Buildings – LEED EBOM 2009
- Architects Guide to Designing with Polymers 2009
- CD6 802 – Codes Pertaining to Hardware 2009

Curriculum Vitae 2022

- Sustainable Design Ideas Using Metal Roofing 2009
- MAP005 – General Surface Preparation (MAPEI Corp) 2009
- Code Course, 2007 FBC Course 2009
- Trends in Waterproofing Tile/Stone Seminar 2009
- LEED EB Operations & Maintenance Course 2008
- LEED Webinar case study 2008
- ECO-Block ICF Seminar 2008
- LEEDing Internationally Seminar 2008
- Regenerative Hospitals Seminar 2008
- LEED Boston Office Tours 2008
- Navigating Green Labels Seminar 2008
- BURSI Roof Seminar 2007
- LEED NC Course 2007
- Indoor Air Pollution Seminar 2007
- Classroom Acoustics Seminar 2007
- Going Green LEEDing the way Seminar 2007
- Economic Forecast, Fishkind Seminar 2007
- Building Pathology Series Courses (Multiple Courses) 2007
- Florida Schools Construction Costs 2006
- 2004 Florida Building Code Update 2006
- Florida Accessibility Code Seminar 2006
- Mold Certification Course 2004
- OSHA Coursework 2004
- FEFPA – E-Commerce Project / Miami-Dade Co. Public Schools 2002
- FEFPA – Technology for Classrooms 2002
- FEFPA – Facility Audit and Long Range Planning 2002
- ASCE 7-98 Wind Load Course
- New Florida Building Code, Building/Structural Course 2001
- New Florida Building Code, Building/Fire Course 2001
- Florida Building Commission, Unified Code Development & Technical Advisory Committee Meetings 1999 - 2000
- University of Florida Energy Efficient Affordable Housing 2000
- Florida Education Facilities Planners Association (FEFPA):
 - State Conference 1992, 1993, 2000, 2001
 - Workshops (FEFPA):
 - Greed Design & Architecture 2000
 - Working With the Media 2000
 - Building Construction Industry Advisory Committee 2000
 - Designing Safe and Secure Facilities 2000
- Quality Assurance/Control Seminar 1999
- Standard for Hurricane Resistant Construction Seminar 1999
- Independent Indoor Air Quality (IAQ) Study 1999
- Florida Real Estate Course Exam, License 1998
- Moisture Proofing Slabs in Buildings 1998
- Planning Commission Seminar 1998
- Learning Shock 2000: “The Changing Frontier in Education” 1994
- AIA National Committee on the Environment 1992, 1993
- AIA National Design Convention
 - Washington, Boston, Chicago 1991 - 1993
- AIA ADA Video Conference (3-Part Series) 1992 - 1993
- Aosept, Sick Building Seminar 1992
- Roofing and Waterproofing Seminar 1989

ROBERT J. BITTERLI, AIA, NCARB, LEED AP

Principal + Forensic Architect

Board Chairman



Curriculum Vitae 2022

- AIA Managing Design Practice 1989
- Florida Trend Seminar, Issues and Strategies 1989
- AIA Grassroots, Washington, D.C. 1989 - 1990
- Marketing for the Small Business 1986
- Interior Products Seminar, Armstrong World Industries 1986
- Productivity in the Workplace, Westinghouse Corporation 1985
- Quality of Life Seminar 1984
- Systems Drafting and Design 1984
- Land Development for Architects, AIA 1984
- Interfaith Forum on Religion and Architecture Conference 1983
- Energy in Design: Techniques, AIA 1981
- The Passive Energy Studio, PDR 1980

CIVIC & RECREATIONAL AFFILIATIONS

- Ivy Group Sustainable Living Foundation, Founder 2012 - Present
- Hands4Hope, Inc. - Education Aid Organization, Supporter 2012 - Present
- Partners With Haiti, Inc., Supporter 2005 - Present
- Northeast Exchange Club (Ribfest Promoter), Member 1986 - 2013
- St. Paul's Catholic Church, Member 1971 - Present