

# drew weinheimer

**Location** Pittsburgh, PA  
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**Certification** Registered Architect, Commonwealth of Pennsylvania RA406306

**INTERESTS AND GOALS** Exceeding our clients' expectations

Returning the Architect to the Master Builder

Facilitating design, collaboration, data & decision management, representation, estimation, sequence, construction, and maintenance through emergent digital design technology

**ABILITIES AND STRENGTHS** Skilled in form-making and space planning across many project types.

Proven ability to manage projects large and small, while mentoring younger staff and working closely with owners and primary stakeholders to meet project goals.

Expert Revit Architecture Model Manager.

Proficient user of 3ds Max, Mental Ray, Vray, Revit Dynamo, SketchUp, Form-Z RenderZone, Maya, Adobe CS Suite, iMovie, Final Cut Pro, and Microsoft Office Suite.

Skilled in photo-realistic renderings, 3D animations, visual programming, sketching, digital fabrication (laser cutting, 3D printing and 3-axis CNC routing), image manipulations, digital music production, and digital video editing and production.

## PROFESSIONAL PRACTICE

**July 2016 – Present** **OWNER | ARCHITECT.** Hemisphere Architecture LLC. Pittsburgh, PA.  
Roles: Sole Proprietor of architectural practice responsible for all day-to-day operations including design, production, marketing, web design, and administration. Projects include:

Pittsburgh, PA. 2022. Unbuilt

### North Apartments

Designed new elevated addition and renovation for a former mixed-use building to become a new 6,900 square foot apartment building with (7) one-bedroom apartments.

Franklin Park Borough, PA. 2022. Unbuilt

### Village Deck

Designed deck replacement and extension with new stair while maintaining existing roof.

Borough of Zelienople, PA. 2022. Unbuilt

### Division Street Renovations

Designed complete interior and exterior renovations for an existing 16,000 square foot office building with five commercial tenants and designed new 4,000 square foot rooftop residence and four-car garage addition.

Franklin Park Borough, PA. 2022. Unbuilt

### Rochester Addition

Designed new front porch, entry foyer, and internal stair on an existing split-level residence.

Fox Chapel Borough, PA. 2022. Unbuilt

### Pasadena Addition

Designed new 3-story residential addition with storage, kitchen, and master suite.



- Shaler Township, PA. 2020. Unbuilt **Red Orchid Take-Out**  
Designed renovation of existing structure for use as a Thai food take-out restaurant. Brought existing structure up to FEMA standards for floodproofing.
- Pittsburgh, PA. 2020. Unbuilt **Hatfield House IV**  
Designed renovation for 3,500 square foot townhouse with detached garage and new facade in the Lawrenceville neighborhood.
- Ford City, PA. 2019. Built **Sixth Avenue Restoration**  
Designed attic and roof replacement on residence after fire damage.
- Millvale, PA. 2019. Under Construction **Goodwin Apartments**  
Produced renderings for exterior improvements on an existing five-unit building.
- Pittsburgh, PA. 2019. Built **Service Way Addition**  
Designed an addition to a detached guest house to be used for short-term lodging.
- Ohio Township, PA. 2019. Unbuilt **Diamond Run Addition**  
Designed three-story addition that expands a kitchen and master suite. Interior renovation includes addition of a four-stop elevator and attic improvements.
- Pine Township, PA. 2019. Built **McKinney House**  
Designed new 6,500 square foot single-family residence featuring five beds and five-and-a-half baths, double height entry, a three-car garage, and an outdoor kitchen next to the pool.
- Franklin Park Borough, PA. 2019. Built **Royal Oak Addition**  
Designed a great room addition connecting an historical existing home and detached garage.
- Pittsburgh, PA. 2019. Unbuilt **Government Center Cafe**  
Provided permit drawings for new cafe area in boutique record store.
- Pittsburgh, PA. 2019. Built **Hatfield Facades**  
Provided renderings for exterior color selections and entry canopy and railing design.
- Richland Township, PA. 2019. Unbuilt **Gibsonia Road Addition**  
Designed great room addition to match the craftsman style of the original house. Features include a wood-burning fireplace, full kitchen and bar, indoor / outdoor balcony, and solarium.
- Hampton Township, PA. 2019. Unbuilt **East Hardies Renovations**  
Designed several additions that include a new great room, second story bathroom, and new laundry room and entry.
- Delmont, PA. 2019. Built **Holiday Inn Express Renovations**  
Designed several improvements throughout hotel for brand license renewal.
- Pittsburgh, PA. 2019. Built **South Atlantic Addition**  
Designed an addition to an historic foursquare to allow kitchen expansion into the backyard.
- Canonsburg, PA. 2018. Built **Salon Renovation**  
Designed interior improvements for existing two-story salon and offices.
- Upper Saint Clair, PA. 2018. Built **Southampton Addition**  
Designed new addition for expansion of a kitchen and living area.
- O'Hara Township, PA. 2018. Built **Berryhill Addition**  
Designed new master suite for a single-family residence.

- Kittanning, PA. 2018. Built **Pony Farm Addition**  
Designed exterior for addition of a residence.
- Robinson Township, PA. 2018. Unbuilt **Glass Road Renovations**  
Designed new master suite, wrap-around porch, grand stair, and kitchen in an existing residence.
- Pittsburgh, PA. 2018. Unbuilt **Dunmoyle Renovations**  
Designed new residential elevator in existing residence with a new facade and new open floor plan.
- Pittsburgh, PA. 2018. Built **Glen Malcolm Kitchen**  
Designed new kitchen and interior structural improvements in existing residence.
- West Deer, PA. 2018. Built **West Deer Kitchen**  
Designed the interiors for a luxury kitchen, great room, and office.
- Bellevue, PA. 2018. Built **Maxwell's Pizza**  
Redesigned an existing structure to become a pizza restaurant and kitchen.
- Pittsburgh, PA. 2018. Under Construction **Hatfield Houses II & III**  
Designed two new townhouses to match adjacent renovation project in Lawrenceville.
- Shaler Township, PA. 2018. Unbuilt **Shaler Garage Addition**  
Designed an addition with a two-car garage with a Great Room above and renovated the former garage into a new game room in a single family home.
- Loyalhanna Township, PA. 2017. Unbuilt **Woodland Retreat**  
Designed a single family house with multiple expansion phases.
- Millvale, PA. 2017. Unbuilt **North Avenue Facade**  
Redesigned a single family homes facade with a new porch and picture window.
- Pittsburgh, PA. 2017. Unbuilt **Keystone Houses**  
Designed two new attached homes in Upper Lawrenceville. Each home featured a covered porch, open floor plan, and a rooftop terrace.
- Millvale, PA. 2017. Built **McWalker Yarns**  
Designed a new facade and shell for a retailer at ground level and apartment above.
- Pittsburgh, PA. 2017. Unbuilt **Liberty Flats**  
Designed conceptual plans for a 14 unit apartment building in Pittsburgh's Strip District. The 30,000 square foot new construction features two levels of parking, ground floor office space, a two story central common space, and a rooftop terrace.
- Dormont, PA. 2017. Under Construction **West Liberty Facade**  
Designed the facade of a mixed-use apartment building with a commercial storefront.
- Pittsburgh, PA. 2016. Built **Hatfield House I**  
Designed renovation for 3,500 square foot townhouse with detached garage and new facades in the Lawrenceville neighborhood. Upon completion, was sold by the developer for \$715,000.
- Pittsburgh, PA. 2016. Under Construction **Jane Street House**  
Designed facade for new townhouse in Southside neighborhood.

**June 2014 – July 2016 ARCHITECT.** AE7. Pittsburgh, PA / Dubai, UAE.

Roles: Project Architect, Standards Committee, BIM Super-User Group, Assist Revit Users, Research emergent design technology. Projects included:

Dubai, UAE. 2016. Under Construction

**Meydan One Mall**

Setup and managed Revit model for the 5.8M square foot mall component of the \$8.6B Meydan One complex through Schematic Design. Managed model standards, adjacencies between nine other projects, and modeled complex geometries.

Dubai, UAE. 2015. Under Construction

**Entisar Tower**

Assigned as the overall tower interior architecture coordination leader for the \$654M USD, 2,873,225 square foot, 1,722 foot tall, 122 floor residential tower with 950+ units, retail and office podium and separate 902,976 square foot parking structure. Responsibilities included partition types, ceilings, S/MEP coordination, finish details, stack effect coordination, core and shaft management, fixtures and appliances, casework, and management of 10 Revit models. Produced presentation graphics and a sales brochure.

**November 2011 – June 2014 PROJECT ARCHITECT.** Astorino. Pittsburgh, PA.

Roles: Project Architect, Project Assistant, Assisted in Healthcare Planning, Assisted Revit Users. Produced animations and renderings. Researched emergent technology such as geometry capture, augmented reality, and Dynamo visual programming. Projects included:

Cranberry Township, PA. 2014. Built

**PPG Architectural Coatings Headquarters**

Produced construction documents for a tenant fit-out of offices, eatery, gym, and a training store.

Johnstown, PA. 2014. Built

**Conemaugh Physician Group - Urology Suite**

Produced 3,720 square foot tenant fit-out including exam rooms and lab.

Johnstown, PA. 2014. Unbuilt

**Conemaugh Memorial Medical Center Master Plan**

Assisted in programming more than 2 Million square feet of buildings distributed over two campuses and several satellite facilities.

Abu Dhabi, UAE. 2014. Built

**Mubadala Capital Health Screening Centre**

Lead production for a 35,000 square foot diagnostic screening center, work visa center, and administrative offices. Tenant Fit-out in Al Jazira Stadium. Assisted in space planning and responsible for documentation.

Kittanning, PA. 2013. Built

**Kittanning House**

Assisted in renovation and addition plans for anesthesiologist's home. Produced renderings and animation.

Ligonier, PA. 2013. Unbuilt

**Rolling Winds Residence**

Assisted in \$2M renovation and addition to CEO's home in Ligonier.

Wexford, PA. 2014. Built

**Allegheny Health Network Wexford Health + Wellness Pavilion**

Lead Interior Fit-Out Team for a new \$54M, 182,000 square foot fast-track, design-build project. Responsible for casework, finishes, partitions, grand stair, ceilings, interior doors and windows, code compliance, life safety drawings, MEP coordination, and medical equipment coordination.

Monroeville, PA. 2013. Built

**Allegheny Health Network Monroeville Surgery Center**

Assisted in programming and planning in schematic design for renovation of existing structure for an outpatient surgery center.

Moon Township, PA. 2012. Built

**Robert Morris University RISE School of Nursing**

Produced animation of proposal for fundraising. Miscellaneous detailing and coordination.

- Peters Township, PA. 2011. Built **Dr. Blair Jobe Offices**  
Assisted in planning schematic design for a tenant fit-out including exam rooms and offices.
- Cranberry Township, PA. 2012. Built **Cardinal Wuerl High School**  
Assisted in conceptual design for a sculptural rose chapel.
- Pittsburgh, PA. 2012. Unbuilt **Allegheny General Hospital Master Plan**  
Assisted with campus programming and several small projects including: Hyperbaric Chamber Suite, PT / OT renovation, and GI Lab Suite renovation.
- Canonsburg, PA. 2012. Unbuilt **Canonsburg General Hospital Master Plan**  
Assisted with conceptual planning of a new bed tower addition, renovations, and demolition.
- Monroeville, PA. 2012. Built **Forbes Regional Hospital Roof and Entry Sign**  
Produced all architectural and structural documentation for the \$1.3M, 1,100 linear foot roof screen / signage, \$645K roof replacement, and \$265K entry monument sign at Forbes Regional Hospital as project designer.
- Monroeville, PA. 2012. Unbuilt **Forbes Regional Hospital Master Plan**  
Assisted in campus planning including a new bed tower, Emergency Department Addition, ICU / CCU Renovation, new EMS / Fire station, and new parking structure. Produced a weekly design publication for Steering Committee review.
- Middletown, PA. 2012. Unbuilt **Pennsylvania Turnpike EZ Pass and Violations Center**  
Laid out interior fit-out for new departments in existing building.
- Washington, PA. 2011. Unbuilt **Meadows Racetrack & Casino Hotel**  
Assisted in the design of a 147,000 square foot hotel.
- February 2009 – November 2011 GRADUATE ARCHITECT | BIM MANAGER.** Celli-Flynn Brennan. Pittsburgh, PA.  
Roles: Managed content, developed standards, and taught new Revit users. Produced presentation graphics and animations. Projects included:
- Pittsburgh, PA. 2010. Built **Mount Lebanon High School Additions and Renovations**  
Assisted in demolition, renovation on buildings from the 1920s, 50s, and 70s, and new construction design for the \$110M, 454,817 square foot high school. Responsible for Revit model management, elevators, interior partition types, casework, theater and auditorium details, roof plans, and general consultant coordination.
- Loretto, PA. 2011. Built **Saint Francis University Science Center**  
Produced floor plans, ceilings plans, roof plans, wall sections, exterior elevations, door schedules, and casework and equipment plans for the \$17M, 67,930 square foot new construction undergraduate laboratory project. Produced renderings and animation for owner fundraising.
- Moon Township, PA. 2009. Built **Robert Morris University School of Business**  
Produced schematic and design development drawings for the \$6M, 17,868 square foot new graduate school of business.
- Erie, PA. 2009. Built **Erie Cathedral Preparatory Event Center**  
Helped finish construction documents for Phase I of athletic facility including locker rooms, snack bar, public restrooms, and lobby.
- 2009 - 2011. Unbuilt **Various Studies and Proposals**  
Marywood University Library (Scranton, PA), Carroll University Graduate Student Center (Waukesha, WI), Penn State Intramural Building Addition (University Park, PA), Alderson Broaddus Football Stadium (Philippi, WV) and Gannon University Carneval Athletic Renovation (Erie, PA).

**June 2008 - January 2009** **GRADUATE ARCHITECT.** Burt, Hill. International Studio. Pittsburgh, PA / Dubai, UAE.  
Roles: Assisted in international projects, formed research proposal for scripted design applications, led discussions on workflow and software, and explored emergent digital methods. Projects included:

Dubai, UAE. 2008. Unbuilt **Tatweer Towers**  
Generated floor, finish, and ceiling plans for residential section of twin 100+ story mixed-use towers.

Dubai, UAE. 2008. Unbuilt **Motor City School**  
Created vision plan for school, clinic, and academy.

Dubai, UAE. 2008. Unbuilt **Union Properties Motor City Campus**  
Produced façade and plan options in Dubai, UAE executive office.

Da Nang, Vietnam. 2008. Unbuilt **Hotel Resort and Convention Center**  
Created vision plan for resort development.

Dubai, UAE. 2008. Unbuilt **Jebel Ali Residential Development**  
Laid out villa options.

Abu Dhabi, UAE. 2008. Unbuilt **Capital District Residential Development**  
Laid out villa options.

**May 2007 - August 2007.** **ARCHITECTURAL INTERN.** Foreman Architects Engineers. Zellenople, PA.  
Roles: Renderer, code research, begin Intern Development Program. Projects included:

Moon Township, PA. 2007. Unbuilt **Moon Area High School**  
Designed competition entry for American School & University Magazine.

## PROFESSIONAL ACTIVITIES

- 2021 **Member.** NAIOP  
Commercial Real Estate Development Association
- April 2021 **Consultant.** Provided architectural review of discovery documents in confidential construction civil litigation in defense of an insurance carrier.
- April 2019 **Presenter.** AIA Build Pittsburgh  
*Stepping up to Completing Larger Projects in BIM* with Brian Kish
- May 2018 - March 2019 **Consultant.** Provided architectural review of discovery documents in confidential construction civil litigation in defense of an insurance carrier, which was settled out of court.
- May 2018 **Guest Speaker.** Pittsburgh Real Estate Investors Commercial Subgroup  
*The Architectural Process*
- March 2018 - 2020 **Member.** Pittsburgh Real Estate Investors Association
- September 2015 **Presenter.** AIA Middle PA Symposium  
*Design Strategies for the BIM Workflow* with Mark Dietrick
- April 2015 **Presenter.** AIA Build Pittsburgh  
*Design Strategies for the BIM Workflow* with Mark Dietrick
- May 2014 **Moderator.** AIA Build Pittsburgh  
Presented at *Digital Fabrication: Bridging the Gap between Designing and Making.*
- September 2012 & September 2013 **Performer.** AIA Design Pittsburgh  
Volunteered in exhibit *Architects in Action* performing live modeling and interacting with guests.
- May 2011 **Panelist.** AIA (re)Build Pittsburgh  
Presented at *Young Masters of Digital Design* session & discussion.
- March 2011 **Volunteer.** Ebenezer Baptist Church, Pittsburgh PA. Served as guest design critic for youth design challenge with the Pittsburgh History & Landmarks Foundation.
- October 2010 **Guest Speaker.** Sto-rox High School, McKees Rocks, PA. Facilitated team model-building workshop for 25 students.
- October 2008 **Guest Design Critic.** Chatham University, Pittsburgh, PA.  
Served on jury for graduate interior architecture class.
- July 2002 **Volunteer.** Hosanna Industries Building Blitz. Cranberry, PA.  
Worked in residential construction for a non-profit Christian group.



## HONORS AND AWARDS

- October 2013 **Honor Award.** Young Architect's Design Studio Competition. AIA Pittsburgh.  
For winning project *Light Trail*.
- October 2010 **Honor Award.** Young Architect's Design Studio Competition. AIA Pittsburgh.  
For winning project *Organic Mechanic*.
- October 2008 **Award of Distinction in Digital Fabrication.** Form-Z Joint Study. Minneapolis.  
For Winning Project *Outside The Blocks*, International Competition, with Teammate Keith Labutta.
- November 2007 **Citation for Outstanding Design.** American School & University.  
Citation for competition entry by Foreman Architects Engineers.
- September 2005 **Finalist.** Penn State School of Architecture Corbelletti Design Charette.
- 2005 **Finalist.** Pennsylvania Concrete and Masonry Association Competition.
- 2003 - 2004 **Recipient.** National Association of Women in Construction Scholarship Winner.

## PUBLICATIONS

- December 2013 **WHIRL Magazine.**  
Honor Roll, for *Light Trail*, p. 103.
- 2009 **Digital Media and the Creative Process: 2007-08 form-Z Joint Study Journal.**  
*Outside the Blocks* with Keith Labutta, p. 31.
- February 2009 **in-form-Z**  
*Great Expectationz*.
- November 2007 **American School & University.**  
Outstanding Designs, *Moon Area High School*, with Foreman Architects Engineers, p. 288.

## EDUCATION

- May 2008 **The Pennsylvania State University.** University Park, PA.  
NAAB Accredited Bachelor of Architecture.
- August 2006 - December 2006 **Sede di Roma.** Rome, Italy.  
Studied ancient, medieval, renaissance, and baroque theories in study abroad program.  
Analyzed urban design and city planning through cartography and city walks.
- June 2003 **Shaler Area High School.** Pittsburgh, PA. Diploma with Exemplary Honors.