

THIERY FRECHETTE

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Thiery is an Intern Architect with 10 years of experience in design and construction in North America. His passion for history informs his approach to design and career development, combining trades and engineering insights into architectural designs for the future.

Work Experience

2019 - 2021

MGA Structural Engineers | *Structural Engineer Intern*

Design and construction administration for commercial, medical, and government structures across Colorado. Primarily in Pike's Peak Regional Building Zone – high altitude and cold climate.

- Design of structure and foundation elements
- Coordination/communication with architects, consultants, and contractors
- Construction administration involving site visits, and structural inspections
- Drafting and review of contract documents including drawings, specifications, and work orders

2018 - 2019

John Wood Group | *Materials Testing Technician*

Third party inspection and testing for construction materials. Application of A.S.T.M. standards to ensure compliance with contract documents and regulating codes.

- Concrete testing and sampling on site and destructive testing of specimens
- Geo-technical investigation of soils and aggregates through sampling and testing
- Development of Portland and asphalt concrete mix designs for pavements, slabs, and structural members

2015 - 2018

DLH Construction | *Tradesman*

General construction and design work involving residential projects and carpentry.

- Stucco, plaster, tile, painting, and framing
- Plumbing and electrical work including solar
- Landscaping and surveying

2016 - Present

TAF Designs | *Freelance Design-Build & Fabrication*

Design, manufacture, and construction services for contract.

- Graphic design
- Tool and Die Making/Digital Manufacturing Services
- Maintenance and remodeling of residential and commercial properties

Education

Master of Architecture (2024)

Thesis - 21st Century Communities
University of Toronto, Toronto, ON

Bachelor of Science, Civil Engineering (2018)

Crimson Scholar
New Mexico State University, Las Cruces, NM

Licenses/Certifications

Intern Architect – OAA37686

Ontario Association of Architects

Engineering Intern – No. 7414

New Mexico State Board of Engineers and Surveyors

Skills

- Autodesk: REVIT, FUSION 360, INVENTOR, AUTOCAD
- Rhinoceros: Grasshopper, Climate Studio, Vray
- Adobe Creative Suite
- ARCGIS & R
- Bluebeam
- Microsoft Office Suite
- WUFI—Fraunhofer
- RISA Suite of Programs
- Visual Analysis - IES Software Suite
- Ontario Building Code Part 3, 9, 11

Affiliations

Numismatics - Albuquerque Coin Club
Toronto Society of Architects Member

Projects

2019 - 2021

MGA Structural Engineers

Additional Information:
tafdesigns.ca/
structural-engineering

- **UC Health Medical Center** - 1370 Interquest Pkwy, CO Springs, CO 47,520 ft²
Designed & drafted steel structure
- **Pinnacle Eye Center** - 10035 Pearl Pass View, CO Springs, CO 20,000 ft²
Designed & drafted steel structure, managed construction administration
- **Pinnacle 5000** - 10085 Pearl Pass View, CO Springs, CO 5,000 ft²
Designed & drafted light gauge structure
- **Remax at Victory Ridge** - 1915 Democracy Pt, CO Springs, CO 18,200 ft²
Designed & drafted steel structure w- live roof elements, managed construction administration
- **Reformation Church Phase 2** - 489 Rocky Cliff Cir, Elizabeth CO 3190 ft²
Designed & drafted mass timber structure
- **Highlands at Briargate** - 9258 Highland Ridge Heights 2,500 ft²
Designed & drafted light gauge structure
- **Black Hills Energy** - Tamarac Parkway, Woodland Park CO 4,000 ft²
Site adapted PEMB and designed masonry weather shelter, managed construction admin
- **Ary Corp. Control House** 800 ft²
Designed & drafted masonry structure
- **Bear Creek Restrooms** - 1850 S. 21st St, CO Springs, CO 1550 ft²
Designed and drafted masonry and glulam structure w- butterfly roof
- **Sacred Heart Catholic Rectory Conversion** - 2026 West CO Ave, CO Springs
Designed masonry and timber renovation of historic structure
- **Grace Bible Church Renovation** - 5025 N Academy Blvd, CO Springs, CO
Conceptual design of existing structure modification
- **Jacobs Suite 50 Renovation** - 2221 E Bijou, CO Springs, CO
Designed movable wall partition
- **Sandstone Care Outpatient Center** - 5731 N Academy Blvd, CO Springs, CO
Designed floor slabs infill for existing structure
- **San Luis Valley Fed. Bank Remodel** - 401 Edison Ave, Alamosa CO
Designed structure for canopy and egress renovation of masonry building

2015 - 2018

DLH Construction

- **179 Paisano Rd** - Corrales, NM
Residential cabinetry mill-work and installation
- **826 Viejo Rastro** - Santa Fe, NM
Insulated concrete forms residential studio addition
- **1719 Menaul BLVD** - Albuquerque, NM
Residential cabinetry mill-work and installation
- **14 Pajaro Azel** - Placitas, NM
Adobe residential remodel and garage addition
- **Rose Rd** - Tijeras, NM
Adobe solar powered off grid residence new construction

2016 - Present

TAF Designs

- **80 Childe Dr.** - CO Springs, CO
Conceptual remodel of residential kitchen and washroom
- **32 Las Paredes** - Corrales NM
West wing residential remodels and conceptual rear addition and landscape
- **1701 Nez Perce Loop NE** - Rio Rancho, NM
Roof repairs and replacement, shed remodel
- **112-120 Granite Avenue** - Albuquerque NM
Office suite remodels, industrial space remodels, conceptual housing conversion
- **33 Mesquite PL NW** - Corrales, NM
Residential remodel emphasizing flooring replacement

Thiery Frechette M.Arch, E.I.T.