

**ANDREW SMITH, CDT, CIT**

**DRAFTING TECHNICIAN**

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Andrew Smith is a Drafting Technician at Building Technology Consultants, Inc.

## REGISTRATIONS

- Construction Document Technologist (**CDT**)
- Certified Level I Infrared Thermographer (**CIT**), with Roof Specifics, conforming to the guidelines of American Society of Nondestructive Testing
- Nondestructive Testing Specialist – Concrete Strength (**NDT**)



## PROFESSIONAL EXPERIENCE

Prior to joining Building Technology Consultants, Inc. in 2018, he was employed by Z-West in St. Charles, Illinois from 2017 to 2018.

His professional experience includes:

- Assistance in investigation of deterioration, **water leakage** issues, and construction deficiencies in **building envelopes**;
- Assistance in evaluation of **air leakage** and **moisture transport** mechanisms in building envelopes and building demising walls;
- Destructive and nondestructive **testing**.

## REPRESENTATIVE PROJECTS

**SoNo Condos** – Chicago, Illinois

Responsible for assisting in **investigation** of **water leakage** for multiple windows and documenting findings. The investigation showed that the mitered corners of the window frames were improperly sealed, and the gaskets were deteriorated.

**FedEx Forum** – Memphis, Tennessee

Responsible for **drafting** existing roof conditions and details related to rehabilitation of the existing roof. The project involved complete replacement of the lower portion of the roof as well as recovering of the upper portion of the roof.

**The 20 East Cedar Condominium Building** – Chicago, Illinois

Responsible for assisting with **evaluation** of the thickness of structural connection components, on the fire escapes, using an **ultrasonic thickness gauge**. The evaluation data will be used to determine if further repairs to the fire escapes are needed.

**320 West Oakdale** – Chicago, Illinois

Responsible for assisting in **investigation** of **water leakage** for the East elevation windows and document findings. Responsible for **drafting** refined details for window repair pricing.