



Pam Jergenson, FCSI, CDT, CCS, CCCA, BECxP, CxA+BE, CABS
BUILDING SCIENCE SOLUTIONS
Technical Director

40 YEARS IN INDUSTRY

Pam is certified in several areas in the construction industry: building enclosure commissioning, air barriers; and construction documents, specifications, and contracts. Additionally, she is trained in Whole Building Airtightness Testing (WBAT) and licensed as an air barrier field auditor. With nearly 35 years of experience in building enclosures, her knowledge range includes project inception through construction and warranty phases for both new and existing building construction. Pam extends her work into building enclosure investigations and forensics, hygrothermal modeling, and building enclosure management and maintenance planning for building owners and sites across the region and the United States. Her responsibilities focus on professional development and associations by facilitating training and career pathing, conducting public speaking, working on technical committees; and reviewing guidelines, code, and related documents.

Project Experience

New Cancer Center Addition, Lakewood Health System Hospital and Clinic; Staples, MN *

Addition consists of one-story with EPDM roof, brick masonry veneer and metal wall panel, glazed aluminum curtain walls, and hollow metal doors. Building Enclosure (BECx) with a subconsultant MEP Commissioning Agent to meet Minnesota Energy Code 2024 (following ASHRAE 90.1-2019 with MN Amendments). Design review at two design phases for the roof, exterior walls, fenestrations, below-grade waterproofing, mechanical, electrical, and plumbing systems. (Spring 2024 – Spring 2025)

Mission Support Facility, Minneapolis-St. Paul ARS; Minneapolis, MN *

New construction of a two-story office and meeting room building with a single-ply membrane roof, brick masonry veneer, and metal wall panel with aluminum storefront windows and entrances, and hollow metal doors. Spray foam insulation and air barrier observations during construction with Whole Building Airtightness Testing per USACE requirements at the conclusion of the construction. (Spring through Fall 2023)

Baker Center, Equity Transwestern, LLC; Minneapolis, MN *

Four (4) buildings comprising of one city block in Downtown Minneapolis. Building enclosure consultant to the Owner's Representative of the existing buildings from 12- to 14-stories with exterior walls of stone, terracotta, brick, punch-type windows, and window walls. Services provided: Exterior wall condition assessment with drone observations of all exterior walls, closeup inspections with one swing stage drop on each building, and preparation of a ten (10) year building exterior management plan that moved into development of construction documents, and construction administration and observations of the three years of projects. (Fall 2021 and Spring 2025)

Brainerd State Hospital Buildings 20 and 21, Brainerd, MN *

Window replacement commissioner for Minnesota State Real Estate and Construction Services of a one-story building. Services provided: Design phase review of site conditions, attend design meetings, and review of construction documents for window replacement and tuckpointing project. Construction phase services of attend progress meetings, review of mockup, perform and document periodic construction observations, witness window testing, and project closeout. (Summer 2021 – Spring 2025)



Education

Associates Degree in Interior Design, 1981,
Alexandria Technical College
General and Psychology courses, 1995-1997,
Metro State University
WUFI Pro
Whole Building Airtightness Testing

Professional Certifications

Construction Document Technologist (CDT)
Certified Construction Specifier (CCS)
Certified Construction Contract Administrator
(CCCA)
Building Enclosure Commissioning Process
Provider (BECxP)
Accredited Commissioning Authority + Building
Enclosure (CxA+BE)
Certified Air Barrier Specialist (CABS) (Cert. No.
30884)
ABAA Licensed Field Auditor (License No. 10180)

Specialties

Building Enclosure Commissioning
Air Barriers
Whole Building Airtightness Testing
Exterior Wall Systems
Investigations and Forensics

Associations

Construction Specifications Institute (CSI)
Air Barrier Association of America (ABAA)
Minnesota Building Enclosure Council (BEC-
Minnesota)
Building Enclosure Council of Iowa (BEC-Iowa)
The Masonry Society (TMS)
National Association of Women in Construction
(NAWIC)



Project Experience Continued

Microbial Cell Production Facility, University of Minnesota, St. Paul Campus *

B3 Building enclosure consultant to the Owner of new construction for a three-story laboratory with clay brick masonry, metal wall panels, curtain wall windows, and EPDM roof. Services provided: Design phase document review, air barrier observations and testing, window observations and testing, and roof observations for compliance with Minnesota B3 Requirements. (Summer 2021 and Summer 2024)

Gateway MXD, Minneapolis, MN *

Building enclosure consultant lead for Owner of 40-story building incorporating a hotel, office space, and condominiums. Services provided: Construction observation and reporting of building enclosure systems, coordinate construction observations and field testing, attend building enclosure progress meetings and overall project meetings. (Summer 2020 – Spring 2022)

Buffalo Hospital, Allina Health Systems, Buffalo, MN *

Building enclosure consultant to the Owner for the existing two-story clay brick masonry building. Services provided: Investigation and reporting of masonry and lintel conditions, development of repair options, preparation of RFP construction documents, and construction observation of welds, uncovered structural conditions, and through-wall flashing replacement. (Summer 2020 through Summer 2021)

Chemistry Undergraduate Teaching Laboratories, University of Minnesota, East Bank Campus, Minneapolis, MN *

Building enclosure consultant to the Owner on the renovation of the 1927 three-story clay brick masonry building. Services provided: WUFI hygrothermal analysis of existing and new exterior wall composition in design phase, and report preparation of the modeling results and recommendations. (Winter 2021)

* Projects completed at previous firm

