



Skinner Elementary School is a 2-story facility constructed for Chicago Public Schools (CPS).

The building includes several low-slope roofs above the 1st and 2nd floors. Two of the roofs are green roofs covered with a hot-rubberized asphalt waterproofing system. The other roofs consist of a 2-ply modified bitumen roofing system. Both roof systems were placed on a metal deck supported by steel framing.

The exterior walls of the building consist of brick masonry cavity walls over CMU back-up and composite metal wall panels installed over light-gauge steel framing.

BTC was retained by the Architect-of-Record to assist with the design of the low-slope roofs and exterior walls. Design phase services included preparation of details for typical roofing and exterior wall conditions, as well as the interface between those systems and other building envelope components. These services also included a review of CPS standard specifications, value engineering proposals, and the final set of design documents.

BTC also provided construction phase services to assist in ensuring that the roofing systems and exterior walls were constructed in accordance with design documents. These services included review of selected roofing and exterior wall related submittals, attending pre-construction conferences, performing periodic field observations, providing assistance to resolve unanticipated field conditions, and performing a final walk-through to review the roofing and exterior wall systems.

Project Name:
Skinner Elementary School

Project Location:
Chicago, Illinois

Client:
Schroeder Murchie Niemiec
Gazda-Austkalis Architects
936 West Huron
Chicago, Illinois 60622

Approximate Construction Cost:
Unknown

Year Completed:
2010

Nature of Services:
Assisted Architect-of-Record in the Design of the Roofing System and Exterior Walls, and their Interface with Adjacent Building Envelope Components

